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## December 2008 Highlights

**Total cheese** output (excluding cottage cheese) was 857 million pounds, 1.1 percent above December 2007 and 4.0 percent above November 2008.

**Italian type cheese** production totaled 359 million pounds, 0.1 percent above December 2007 and 6.8 percent above November 2008.

**American type cheese** production totaled 359 million pounds, 6.8 percent above December 2007 and 6.0 percent above November 2008.

**Butter** production was 156 million pounds, 10.1 percent above December 2007 and 16.5 percent above November 2008.

**Dry Milk Powders:** (comparisons with December 2007)

Nonfat dry milk, human --- 155 million pounds, up 42.6 percent.

Skim milk powders --- 17.8 million pounds, down 51.8 percent.

**Whey products:** (comparisons with December 2007)

Dry whey, total --- 91.2 million pounds, down 6.5 percent.

Lactose, human and animal --- 60.6 million pounds, up 1.7 percent.

Whey protein concentrate, total --- 36.4 million pounds, up 3.0 percent.

**Frozen products:** (comparisons with December 2007)

Ice cream, Regular (hard) --- 54.9 million gallons, up 2.6 percent.

Ice cream, Lowfat (total) --- 22.6 million gallons, up 2.2 percent.

Sherbet (hard) --- 3.52 million gallons, up 2.1 percent.

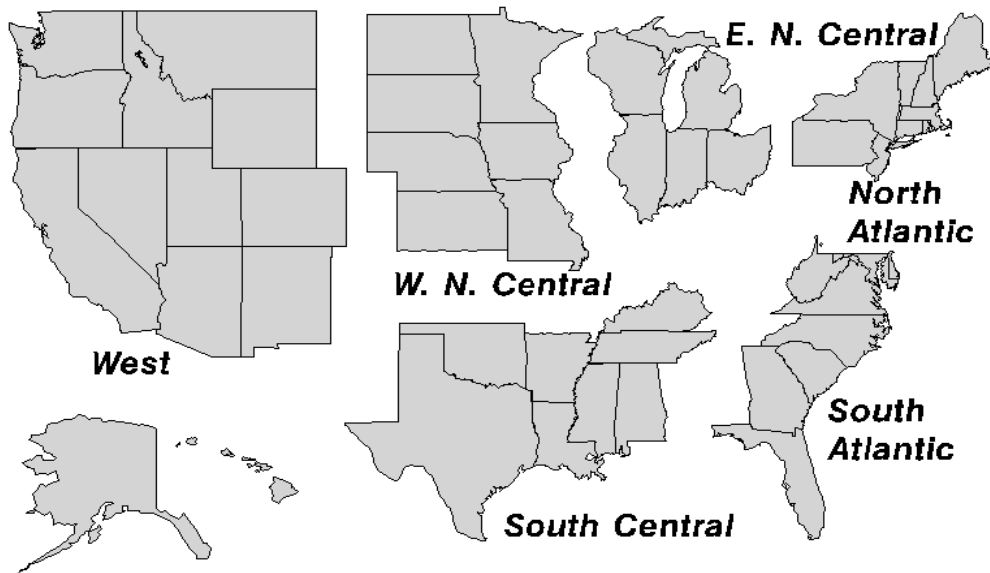
Frozen Yogurt (total) --- 3.52 million gallons, down slightly.

### *Special Note*

Monthly nonfat dry milk stocks and shipments data for 2008 have been revised. These data can be found on page 15.

## U. S. Geographic Regions Dairy Products

If a region is unable to be published for confidentiality reasons, it will be combined with other regions when possible. For example, if North Atlantic can not be published, it will be combined with South Atlantic to publish Atlantic. The West North Central and East North Central will be combined, if necessary, to form North Central. In the event that neither could be published, they may be combined with South Central to publish Central. Some tables will have only limited regions shown, therefore the regions may not add to the United States total.



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**Dairy Products: Production by Product,  
United States, December, 2007-2008**

Product	Dec 2007	Nov 2008 <sup>1</sup>	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	141,493	133,729	155,779	10.1	16.5
Cheese					
American Types <sup>2</sup>	336,421	339,072	359,435	6.8	6.0
Cheddar	265,823	258,048	283,706	6.7	9.9
Swiss	26,874	25,910	26,598	-1.0	2.7
Brick and Muenster	9,355	10,795	9,202	-1.6	-14.8
Cream and Neufchatel	76,806	73,595	61,638	-19.7	-16.2
Hispanic	14,323	14,924	15,935	11.3	6.8
Mozzarella	288,287	260,052	277,594	-3.7	6.7
Other Italian Types	70,355	76,363	81,574	15.9	6.8
Total Italian Types	358,642	336,415	359,168	0.1	6.8
All Other Types	24,857	23,262	24,970	0.5	7.3
Total	847,278	823,973	856,946	1.1	4.0
Cottage Cheese, Curd <sup>3</sup>	33,653	32,163	32,931	-2.1	2.4
Cottage Cheese, Cream <sup>4</sup>	26,202	24,264	25,840	-1.4	6.5
Cottage Cheese, Lowfat <sup>5</sup>	30,588	27,822	29,933	-2.1	7.6
Canned Evaporated and					
Condensed Whole Milk	38,466	46,442	42,758	11.2	-7.9
Dry Whole Milk	4,039	3,739	3,464	-14.2	-7.4
Nonfat Dry Milk, Human	108,930	134,780	155,340	42.6	15.3
Skim Milk Powders <sup>6</sup>	36,928	16,477	17,793	-51.8	8.0
Dry Skim Milk, Animal	397	504	611	53.9	21.2
Dry Buttermilk	6,873	6,819	6,568	-4.4	-3.7
Sour Cream	98,460	99,460	98,989	0.5	-0.5
Yogurt, Plain & Flavored	276,628	243,130	286,121	3.4	17.7
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
Frozen Products					
Ice Cream, Regular, Hard	53,521	62,112	54,918	2.6	-11.6
Ice Cream, Lowfat, Hard	8,879	8,298	8,384	-5.6	1.0
Ice Cream, Lowfat, Soft	13,284	13,359	14,259	7.3	6.7
Ice Cream, Lowfat, Total	22,163	21,657	22,643	2.2	4.6
Ice Cream, Nonfat, Hard	887	1,136	976	10.0	-14.1
Sherbet, Hard	3,443	3,577	3,517	2.1	-1.7
Water and Juice Ices	2,514	3,360	2,816	12.0	-16.2
Frozen Yogurt, Total	3,520	3,647	3,518	-0.1	-3.5
Regular & Lowfat, Hard	1,312	1,358	1,417	8.0	4.3
Nonfat, Hard	458	442	374	-18.3	-15.4
Other Frozen Dairy					
Products	975	1,202	885	-9.2	-26.4
Mix for Frozen Products					
Ice Cream Mix	28,345	32,737	30,366	7.1	-7.2
Ice Cream, Lowfat, Mix	12,469	12,367	12,951	3.9	4.7
Ice Cream, Nonfat, Mix	476	735	630	32.4	-14.3
Sherbet Mix	2,261	2,378	2,307	2.0	-3.0
Yogurt Mix	2,057	2,210	2,132	3.6	-3.5

<sup>1</sup> Revised.

<sup>2</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>3</sup> Mostly used for processing into cream or lowfat cottage cheese.

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

<sup>5</sup> Fat content less than 4 percent.

<sup>6</sup> Includes protein standardized and blends.

**Whey and Modified Whey Products: Production, Stocks,  
and Prices, United States, December, 2007-2008**

Product	Dec 2007	Nov 2008 <sup>1</sup>	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<b>Production</b>				
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Condensed Whey, Solids Content <sup>2</sup>					
Sweet-Type, Human	10,224	7,334	8,039	-21.4	9.6
Dry Whey Products					
Dry Whey, Human	92,529	82,706	86,368	-6.7	4.4
Dry Whey, Animal	5,092	3,757	4,869	-4.4	29.6
Dry Whey, Total	97,621	86,463	91,237	-6.5	5.5
Reduced Lactose and Minerals					
Human Food	3,303	2,112	3,068	-7.1	45.3
Animal Feed	5,236	4,839	4,726	-9.7	-2.3
Lactose, Human and Animal	59,637	57,454	60,639	1.7	5.5
Whey					
Protein Concentrate					
Human <sup>3</sup>	33,001	31,560	33,003		4.6
Animal <sup>3</sup>	2,326	2,526	3,393	45.9	34.3
Total <sup>3</sup>	35,327	34,086	36,396	3.0	6.8
25.0-49.9 Percent <sup>4</sup>	22,049	22,766	23,626	7.2	3.8
50.0-89.9 Percent <sup>4</sup>	13,278	11,320	12,770	-3.8	12.8
Protein Isolates <sup>5</sup>	3,695	3,610	3,249	-12.1	-10.0
	<b>Manufacturers' Stocks End-of-Month <sup>6</sup></b>				
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Dry Whey Products					
Dry Whey, Human	62,554	60,472	62,917	0.6	4.0
Dry Whey, Animal	5,230	4,033	2,646	-49.4	-34.4
Dry Whey, Total	67,784	64,505	65,563	-3.3	1.6
Reduced Lactose and Minerals					
Human and Animal <sup>7</sup>	14,746	17,712	17,243	16.9	-2.6
Lactose, Human and Animal	69,494	95,141	96,773	39.3	1.7
Whey					
Protein Concentrate					
Human <sup>3</sup>	28,757	32,205	36,177	25.8	12.3
Animal <sup>3</sup>	626	916	1,009	61.2	10.2
Total <sup>3</sup>	29,383	33,121	37,186	26.6	12.3
25.0-49.9 Percent <sup>4</sup>	19,892	21,179	24,454	22.9	15.5
50.0-89.9 Percent <sup>4</sup>	9,491	11,942	12,732	34.1	6.6
	<b>Manufacturers' Selling Price <sup>8</sup></b>				
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents Change</i>	<i>Cents Change</i>
Dry Whey, Animal	37.1	15.6	16.0	-21.1	0.4

<sup>1</sup> Revised.

<sup>2</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>3</sup> Whey Protein Concentrate, 25.0 to 89.9 percent.

<sup>4</sup> Whey Protein Concentrate, Human and Animal.

<sup>5</sup> Whey Protein Isolate, 90.0 percent or greater.

<sup>6</sup> Stocks held by manufacturers at all points and in transit.

<sup>7</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>8</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Dairy Products: Production by Product and Month,  
United States, 2007-2008 <sup>1</sup>**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
<b>Total Cheese</b>						
Jan	822,889	812,722	-1.2	822,889	812,722	-1.2
Feb	754,132	784,649	4.0	1,577,021	1,597,371	1.3
Mar	840,522	834,716	-0.7	2,417,543	2,432,087	0.6
Apr	803,834	810,178	0.8	3,221,377	3,242,265	0.6
May	824,627	831,757	0.9	4,046,004	4,074,022	0.7
Jun	792,579	809,436	2.1	4,838,583	4,883,458	0.9
Jul	799,498	813,176	1.7	5,638,081	5,696,634	1.0
Aug	797,033	820,710	3.0	6,435,114	6,517,344	1.3
Sep	777,163	796,485	2.5	7,212,277	7,313,829	1.4
Oct	825,769	843,466	2.1	8,038,046	8,157,295	1.5
Nov	815,175	823,973	1.1	8,853,221	8,981,268	1.4
Dec	847,278	856,946	1.1	9,700,499	9,838,214	1.4
<b>American Cheese</b>						
Jan	339,636	333,952	-1.7	339,636	333,952	-1.7
Feb	306,214	319,335	4.3	645,850	653,287	1.2
Mar	339,364	339,069	-0.1	985,214	992,356	0.7
Apr	325,940	337,392	3.5	1,311,154	1,329,748	1.4
May	332,537	351,343	5.7	1,643,691	1,681,091	2.3
Jun	315,522	335,185	6.2	1,959,213	2,016,276	2.9
Jul	324,709	341,361	5.1	2,283,922	2,357,637	3.2
Aug	311,892	338,507	8.5	2,595,814	2,696,144	3.9
Sep	299,616	317,195	5.9	2,895,430	3,013,339	4.1
Oct	321,308	343,130	6.8	3,216,738	3,356,469	4.3
Nov	324,668	339,072	4.4	3,541,406	3,695,541	4.4
Dec	336,421	359,435	6.8	3,877,827	4,054,976	4.6
<b>Cheddar Cheese</b>						
Jan	272,310	262,443	-3.6	272,310	262,443	-3.6
Feb	249,177	251,251	0.8	521,487	513,694	-1.5
Mar	270,971	265,335	-2.1	792,458	779,029	-1.7
Apr	257,600	267,984	4.0	1,050,058	1,047,013	-0.3
May	265,704	273,739	3.0	1,315,762	1,320,752	0.4
Jun	251,330	259,300	3.2	1,567,092	1,580,052	0.8
Jul	255,335	264,875	3.7	1,822,427	1,844,927	1.2
Aug	240,499	255,982	6.4	2,062,926	2,100,909	1.8
Sep	230,123	235,352	2.3	2,293,049	2,336,261	1.9
Oct	245,236	255,257	4.1	2,538,285	2,591,518	2.1
Nov	253,180	258,048	1.9	2,791,465	2,849,566	2.1
Dec	265,823	283,706	6.7	3,057,288	3,133,272	2.5

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
<b>Italian Cheese</b>						
Jan	355,797	351,817	-1.1	355,797	351,817	-1.1
Feb	323,511	334,973	3.5	679,308	686,790	1.1
Mar	362,151	358,315	-1.1	1,041,459	1,045,105	0.4
Apr	345,284	343,605	-0.5	1,386,743	1,388,710	0.1
May	351,560	344,570	-2.0	1,738,303	1,733,280	-0.3
Jun	339,066	332,924	-1.8	2,077,369	2,066,204	-0.5
Jul	336,380	332,695	-1.1	2,413,749	2,398,899	-0.6
Aug	335,601	331,794	-1.1	2,749,350	2,730,693	-0.7
Sep	332,353	333,660	0.4	3,081,703	3,064,353	-0.6
Oct	348,027	344,129	-1.1	3,429,730	3,408,482	-0.6
Nov	345,858	336,415	-2.7	3,775,588	3,744,897	-0.8
Dec	358,642	359,168	0.1	4,134,230	4,104,065	-0.7
<b>Mozzarella</b>						
Jan	281,811	281,234	-0.2	281,811	281,234	-0.2
Feb	259,702	265,322	2.2	541,513	546,556	0.9
Mar	287,215	285,685	-0.5	828,728	832,241	0.4
Apr	276,606	273,771	-1.0	1,105,334	1,106,012	0.1
May	280,745	270,913	-3.5	1,386,079	1,376,925	-0.7
Jun	274,913	259,982	-5.4	1,660,992	1,636,907	-1.5
Jul	271,574	259,479	-4.5	1,932,566	1,896,386	-1.9
Aug	266,202	257,990	-3.1	2,198,768	2,154,376	-2.0
Sep	266,649	258,290	-3.1	2,465,417	2,412,666	-2.1
Oct	276,103	263,906	-4.4	2,741,520	2,676,572	-2.4
Nov	273,498	260,052	-4.9	3,015,018	2,936,624	-2.6
Dec	288,287	277,594	-3.7	3,303,305	3,214,218	-2.7
<b>Other Italian</b>						
Jan	73,986	70,583	-4.6	73,986	70,583	-4.6
Feb	63,809	69,651	9.2	137,795	140,234	1.8
Mar	74,936	72,630	-3.1	212,731	212,864	0.1
Apr	68,678	69,834	1.7	281,409	282,698	0.5
May	70,815	73,657	4.0	352,224	356,355	1.2
Jun	64,153	72,942	13.7	416,377	429,297	3.1
Jul	64,806	73,216	13.0	481,183	502,513	4.4
Aug	69,399	73,804	6.3	550,582	576,317	4.7
Sep	65,704	75,370	14.7	616,286	651,687	5.7
Oct	71,924	80,223	11.5	688,210	731,910	6.3
Nov	72,360	76,363	5.5	760,570	808,273	6.3
Dec	70,355	81,574	15.9	830,925	889,847	7.1

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008 <sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
<b>Butter</b>						
Jan	150,595	168,799	12.1	150,595	168,799	12.1
Feb	133,966	146,759	9.5	284,561	315,558	10.9
Mar	138,380	151,933	9.8	422,941	467,491	10.5
Apr	133,029	150,118	12.8	555,970	617,609	11.1
May	123,991	142,599	15.0	679,961	760,208	11.8
Jun	109,980	119,800	8.9	789,941	880,008	11.4
Jul	116,493	114,245	-1.9	906,434	994,253	9.7
Aug	110,932	115,729	4.3	1,017,366	1,109,982	9.1
Sep	112,869	121,008	7.2	1,130,235	1,230,990	8.9
Oct	130,364	130,047	-0.2	1,260,599	1,361,037	8.0
Nov	130,798	133,729	2.2	1,391,397	1,494,766	7.4
Dec	141,493	155,779	10.1	1,532,890	1,650,545	7.7
<b>Nonfat Dry Milk, Human</b>						
Jan	108,023	119,102	10.3	108,023	119,102	10.3
Feb	96,818	118,268	22.2	204,841	237,370	15.9
Mar	112,867	135,244	19.8	317,708	372,614	17.3
Apr	123,022	132,998	8.1	440,730	505,612	14.7
May	115,381	128,921	11.7	556,111	634,533	14.1
Jun	118,173	134,386	13.7	674,284	768,919	14.0
Jul	122,193	135,614	11.0	796,477	904,533	13.6
Aug	102,993	115,180	11.8	899,470	1,019,713	13.4
Sep	89,844	85,516	-4.8	989,314	1,105,229	11.7
Oct	100,242	120,961	20.7	1,089,556	1,226,190	12.5
Nov	99,994	134,780	34.8	1,189,550	1,360,970	14.4
Dec	108,930	155,340	42.6	1,298,480	1,516,310	16.8
<b>Skim Milk Powders <sup>2</sup></b>						
Jan	9,210	45,614	395.3	9,210	45,614	395.3
Feb	9,628	33,804	251.1	18,838	79,418	321.6
Mar	8,578	34,428	301.4	27,416	113,846	315.3
Apr	15,568	36,137	132.1	42,984	149,983	248.9
May	12,987	45,511	250.4	55,971	195,494	249.3
Jun	16,419	33,873	106.3	72,390	229,367	216.8
Jul	19,212	27,120	41.2	91,602	256,487	180.0
Aug	17,922	26,649	48.7	109,524	283,136	158.5
Sep	14,884	38,868	161.1	124,408	322,004	158.8
Oct	21,438	17,556	-18.1	145,846	339,560	132.8
Nov	19,697	16,477	-16.3	165,543	356,037	115.1
Dec	36,928	17,793	-51.8	202,471	373,830	84.6

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008 <sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Dry Whey, Total <sup>3</sup>						
Jan	96,757	91,772	-5.2	96,757	91,772	-5.2
Feb	89,662	88,023	-1.8	186,419	179,795	-3.6
Mar	98,340	97,923	-0.4	284,759	277,718	-2.5
Apr	96,812	96,747	-0.1	381,571	374,465	-1.9
May	99,346	97,046	-2.3	480,917	471,511	-2.0
Jun	94,656	92,331	-2.5	575,573	563,842	-2.0
Jul	95,549	89,821	-6.0	671,122	653,663	-2.6
Aug	94,454	87,372	-7.5	765,576	741,035	-3.2
Sep	88,164	82,614	-6.3	853,740	823,649	-3.5
Oct	88,895	85,248	-4.1	942,635	908,897	-3.6
Nov	93,605	86,463	-7.6	1,036,240	995,360	-3.9
Dec	97,621	91,237	-6.5	1,133,861	1,086,597	-4.2
Lactose, Human and Animal						
Jan	65,635	62,182	-5.3	65,635	62,182	-5.3
Feb	59,625	60,254	1.1	125,260	122,436	-2.3
Mar	65,209	64,011	-1.8	190,469	186,447	-2.1
Apr	63,405	63,593	0.3	253,874	250,040	-1.5
May	67,924	65,029	-4.3	321,798	315,069	-2.1
Jun	62,953	63,011	0.1	384,751	378,080	-1.7
Jul	65,516	64,386	-1.7	450,267	442,466	-1.7
Aug	63,946	63,088	-1.3	514,213	505,554	-1.7
Sep	61,018	58,834	-3.6	575,231	564,388	-1.9
Oct	61,598	60,063	-2.5	636,829	624,451	-1.9
Nov	59,059	57,454	-2.7	695,888	681,905	-2.0
Dec	59,637	60,639	1.7	755,525	742,544	-1.7
Whey Protein Concentrate, Total						
Jan	33,280	32,825	-1.4	33,280	32,825	-1.4
Feb	30,166	33,358	10.6	63,446	66,183	4.3
Mar	35,075	35,830	2.2	98,521	102,013	3.5
Apr	33,104	35,170	6.2	131,625	137,183	4.2
May	33,460	36,469	9.0	165,085	173,652	5.2
Jun	33,046	34,274	3.7	198,131	207,926	4.9
Jul	33,252	35,813	7.7	231,383	243,739	5.3
Aug	30,970	34,369	11.0	262,353	278,108	6.0
Sep	31,372	33,314	6.2	293,725	311,422	6.0
Oct	32,283	36,624	13.4	326,008	348,046	6.8
Nov	32,252	34,086	5.7	358,260	382,132	6.7
Dec	35,327	36,396	3.0	393,587	418,528	6.3

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008 <sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
<b>Cream Cottage Cheese</b>						
Jan	30,512	27,548	-9.7	30,512	27,548	-9.7
Feb	28,836	25,983	-9.9	59,348	53,531	-9.8
Mar	32,170	28,361	-11.8	91,518	81,892	-10.5
Apr	30,640	26,730	-12.8	122,158	108,622	-11.1
May	32,038	29,521	-7.9	154,196	138,143	-10.4
Jun	30,909	28,194	-8.8	185,105	166,337	-10.1
Jul	30,750	29,220	-5.0	215,855	195,557	-9.4
Aug	32,519	29,259	-10.0	248,374	224,816	-9.5
Sep	29,245	28,766	-1.6	277,619	253,582	-8.7
Oct	29,659	27,478	-7.4	307,278	281,060	-8.5
Nov	27,268	24,264	-11.0	334,546	305,324	-8.7
Dec	26,202	25,840	-1.4	360,748	331,164	-8.2
<b>Lowfat Cottage Cheese</b>						
Jan	34,550	32,838	-5.0	34,550	32,838	-5.0
Feb	31,662	32,100	1.4	66,212	64,938	-1.9
Mar	37,009	35,330	-4.5	103,221	100,268	-2.9
Apr	33,513	34,533	3.0	136,734	134,801	-1.4
May	36,850	35,416	-3.9	173,584	170,217	-1.9
Jun	36,453	32,700	-10.3	210,037	202,917	-3.4
Jul	35,972	33,539	-6.8	246,009	236,456	-3.9
Aug	39,402	33,553	-14.8	285,411	270,009	-5.4
Sep	35,559	33,251	-6.5	320,970	303,260	-5.5
Oct	36,566	32,338	-11.6	357,536	335,598	-6.1
Nov	32,720	27,822	-15.0	390,256	363,420	-6.9
Dec	30,588	29,933	-2.1	420,844	393,353	-6.5
<b>Sour Cream</b>						
Jan	93,117	90,730	-2.6	93,117	90,730	-2.6
Feb	80,828	79,858	-1.2	173,945	170,588	-1.9
Mar	91,140	92,847	1.9	265,085	263,435	-0.6
Apr	87,891	83,225	-5.3	352,976	346,660	-1.8
May	94,972	93,902	-1.1	447,948	440,562	-1.6
Jun	88,709	89,009	0.3	536,657	529,571	-1.3
Jul	88,577	88,379	-0.2	625,234	617,950	-1.2
Aug	93,709	91,235	-2.6	718,943	709,185	-1.4
Sep	84,382	85,212	1.0	803,325	794,397	-1.1
Oct	100,133	96,520	-3.6	903,458	890,917	-1.4
Nov	110,008	99,460	-9.6	1,013,466	990,377	-2.3
Dec	98,460	98,989	0.5	1,111,926	1,089,366	-2.0

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>
<b>Ice Cream, Regular, Hard</b>						
Jan	68,635	63,166	-8.0	68,635	63,166	-8.0
Feb	66,586	65,176	-2.1	135,221	128,342	-5.1
Mar	78,036	75,789	-2.9	213,257	204,131	-4.3
Apr	81,373	75,984	-6.6	294,630	280,115	-4.9
May	86,180	80,737	-6.3	380,810	360,852	-5.2
Jun	87,058	90,527	4.0	467,868	451,379	-3.5
Jul	84,428	83,458	-1.1	552,296	534,837	-3.2
Aug	79,740	78,639	-1.4	632,036	613,476	-2.9
Sep	70,121	76,182	8.6	702,157	689,658	-1.8
Oct	70,034	68,738	-1.9	772,191	758,396	-1.8
Nov	56,039	62,112	10.8	828,230	820,508	-0.9
Dec	53,521	54,918	2.6	881,751	875,426	-0.7
<b>Ice Cream, Lowfat, Total</b>						
Jan	27,158	24,680	-9.1	27,158	24,680	-9.1
Feb	27,169	28,051	3.2	54,327	52,731	-2.9
Mar	33,493	33,533	0.1	87,820	86,264	-1.8
Apr	35,004	36,992	5.7	122,824	123,256	0.4
May	39,094	39,020	-0.2	161,918	162,276	0.2
Jun	40,572	43,560	7.4	202,490	205,836	1.7
Jul	38,223	40,181	5.1	240,713	246,017	2.2
Aug	36,887	37,073	0.5	277,600	283,090	2.0
Sep	30,257	30,151	-0.4	307,857	313,241	1.7
Oct	29,258	27,213	-7.0	337,115	340,454	1.0
Nov	23,342	21,657	-7.2	360,457	362,111	0.5
Dec	22,163	22,643	2.2	382,620	384,754	0.6
<b>Sherbet, Hard</b>						
Jan	3,941	4,027	2.2	3,941	4,027	2.2
Feb	4,380	4,232	-3.4	8,321	8,259	-0.7
Mar	5,630	5,633	0.1	13,951	13,892	-0.4
Apr	6,115	5,670	-7.3	20,066	19,562	-2.5
May	6,092	5,568	-8.6	26,158	25,130	-3.9
Jun	6,167	5,616	-8.9	32,325	30,746	-4.9
Jul	5,370	5,222	-2.8	37,695	35,968	-4.6
Aug	5,028	4,632	-7.9	42,723	40,600	-5.0
Sep	4,423	4,717	6.6	47,146	45,317	-3.9
Oct	4,145	4,177	0.8	51,291	49,494	-3.5
Nov	3,505	3,577	2.1	54,796	53,071	-3.1
Dec	3,443	3,517	2.1	58,239	56,588	-2.8

See footnote(s) at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 2007-2008 <sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	2007	2008	Change From 2007	2007	2008	Change From 2007
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Yogurt, Plain & Flavored						
Jan	287,100	296,725	3.4	287,100	296,725	3.4
Feb	279,124	299,187	7.2	566,224	595,912	5.2
Mar	315,873	317,352	0.5	882,097	913,264	3.5
Apr	294,148	300,300	2.1	1,176,245	1,213,564	3.2
May	300,437	299,007	-0.5	1,476,682	1,512,571	2.4
Jun	284,869	293,243	2.9	1,761,551	1,805,814	2.5
Jul	278,479	282,221	1.3	2,040,030	2,088,035	2.4
Aug	299,954	293,399	-2.2	2,339,984	2,381,434	1.8
Sep	309,925	309,710	-0.1	2,649,909	2,691,144	1.6
Oct	301,028	292,356	-2.9	2,950,937	2,983,500	1.1
Nov	250,162	243,130	-2.8	3,201,099	3,226,630	0.8
Dec	276,628	286,121	3.4	3,477,727	3,512,751	1.0
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>
Yogurt, Frozen						
Jan	4,291	3,577	-16.6	4,291	3,577	-16.6
Feb	4,300	4,133	-3.9	8,591	7,710	-10.3
Mar	5,706	5,856	2.6	14,297	13,566	-5.1
Apr	5,867	6,201	5.7	20,164	19,767	-2.0
May	5,838	6,722	15.1	26,002	26,489	1.9
Jun	6,391	6,717	5.1	32,393	33,206	2.5
Jul	5,554	5,462	-1.7	37,947	38,668	1.9
Aug	5,777	5,265	-8.9	43,724	43,933	0.5
Sep	5,040	4,815	-4.5	48,764	48,748	
Oct	4,402	4,485	1.9	53,166	53,233	0.1
Nov	4,026	3,647	-9.4	57,192	56,880	-0.5
Dec	3,520	3,518	-0.1	60,712	60,398	-0.5

<sup>1</sup> November 2008 data revised.

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

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

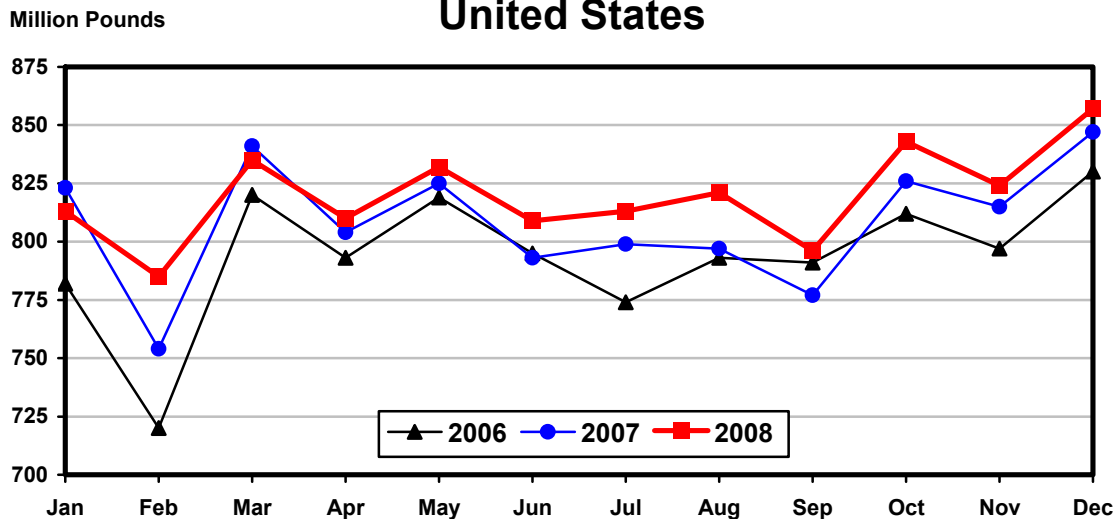
**Total Cheese, Excluding Cottage Cheese: Production by State and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	189,445	174,600	179,754	-5.1	3.0
ID	66,931	66,441	68,696	2.6	3.4
IL	6,716	6,562	6,239	-7.1	-4.9
IA	13,550	14,026	15,848	17.0	13.0
MN	54,758	53,652	57,389	4.8	7.0
NM	52,442	49,545	51,136	-2.5	3.2
NY	68,688	62,996	65,600	-4.5	4.1
OH	16,635	14,861	15,788	-5.1	6.2
PA	34,277	30,054	34,104	-0.5	13.5
SD	18,151	21,230	19,467	7.3	-8.3
UT	9,813	9,914	9,520	-3.0	-4.0
VT	11,215	8,602	8,096	-27.8	-5.9
WI	212,105	209,314	215,754	1.7	3.1
Oth Sts <sup>2</sup>	92,552	102,176	109,555	18.4	7.2
US	847,278	823,973	856,946	1.1	4.0
Atlantic	121,154	108,716	115,270	-4.9	6.0
Central	364,422	368,431	382,816	5.0	3.9
West	361,702	346,826	358,860	-0.8	3.5

<sup>1</sup> Revised.

<sup>2</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 Cheese Production United States**



**American Cheese: Production by State and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	62,952	55,921	56,728	-9.9	1.4
IA	11,139	11,399	12,948	16.2	13.6
MN	49,866	46,587	49,918	0.1	7.2
OH	2,053	547	1,046	-49.1	91.2
OR	9,407	14,149	14,947	58.9	5.6
WI	68,154	68,008	72,600	6.5	6.8
Oth Sts <sup>2</sup>	132,850	142,461	151,248	13.8	6.2
US	336,421	339,072	359,435	6.8	6.0
Atlantic	12,871	12,049	13,209	2.6	9.6
Central	153,008	156,569	170,448	11.4	8.9
West	170,542	170,454	175,778	3.1	3.1

<sup>1</sup> Revised.

<sup>2</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 by State and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	39,986	30,502	34,141	-14.6	11.9
IA	8,483	8,319	9,300	9.6	11.8
MN	44,120	42,635	45,041	2.1	5.6
OH	1,808	339	839	-53.6	147.5
WI	55,415	52,603	56,600	2.1	7.6
Oth Sts <sup>2</sup>	116,011	123,650	137,785	18.8	11.4
US	265,823	258,048	283,706	6.7	9.9
Atlantic	12,251	11,630	12,842	4.8	10.4
Central	127,292	126,105	137,233	7.8	8.8
West	126,280	120,313	133,631	5.8	11.1

<sup>1</sup> Revised.

<sup>2</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.

**Italian Cheese, Total: Production by State and  
United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	108,655	101,951	104,640	-3.7	2.6
ID	11,334	11,128	11,364	0.3	2.1
NY	34,664	33,221	35,206	1.6	6.0
PA	20,811	16,240	21,920	5.3	35.0
SD	10,328				
WI	99,649	96,122	103,493	3.9	7.7
Oth Sts <sup>2</sup>	73,201	77,753	82,545		
US	358,642	336,415	359,168	0.1	6.8
Atlantic	63,841	55,301	63,083	-1.2	14.1
Central	135,223	133,321	142,557	5.4	6.9
West	159,578	147,793	153,528	-3.8	3.9

<sup>1</sup> Revised.

<sup>2</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 by State and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	99,104	91,757	95,798	-3.3	4.4
NY	17,774	16,238	16,818	-5.4	3.6
PA	18,107	13,334	19,329	6.7	45.0
WI	73,307	66,381	69,800	-4.8	5.2
Oth Sts <sup>2</sup>	79,995	72,342	75,849	-5.2	4.8
US	288,287	260,052	277,594	-3.7	6.7
Atlantic	41,397	32,723	38,674	-6.6	18.2
Central	99,555	92,102	96,750	-2.8	5.0
West	147,335	135,227	142,170	-3.5	5.1

<sup>1</sup> Revised.

<sup>2</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 by State and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	46,966	45,742	53,382	13.7	16.7
NY	1,754	1,181	1,607	-8.4	36.1
PA	7,807	5,782	6,685	-14.4	15.6
WI	33,918	28,753	34,900	2.9	21.4
Oth Sts <sup>2</sup>	51,048	52,271	59,205	16.0	13.3
US	141,493	133,729	155,779	10.1	16.5
Atlantic	13,810	9,586	12,729	-7.8	32.8
Central	58,976	56,612	66,332	12.5	17.2
West	68,707	67,531	76,718	11.7	13.6

<sup>1</sup> Revised.

<sup>2</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 by State  
and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	58,033	72,402	85,156	46.7	17.6
Oth Sts <sup>2</sup>	50,897	62,378	70,184	37.9	12.5
US	108,930	134,780	155,340	42.6	15.3
Atlantic	15,585	14,497	19,186	23.1	32.3
Central	14,691	12,409	17,403	18.5	40.2
West	78,654	107,874	118,751	51.0	10.1

<sup>1</sup> Revised.

<sup>2</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 by State  
and United States, December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,905				
NY	10,617	9,864	10,540	-0.7	6.9
WI	27,738	23,590	25,100	-9.5	6.4
Oth Sts <sup>2</sup>	44,269	49,252	50,728		
US	92,529	82,706	86,368	-6.7	4.4
Atlantic	18,838	16,407	19,534	3.7	19.1
Central	43,699	38,051	39,550	-9.5	3.9
West	29,992	28,248	27,284	-9.0	-3.4

<sup>1</sup> Revised.

<sup>2</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 by State and United States,  
December 2007-2008**

State	Dec 2007	Nov <sup>1</sup> 2008	Dec 2008	Change From	
				Dec 2007	Nov 2008
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	5,579	9,054	7,259	30.1	-19.8
FL	1,248				
IN	5,536	6,875	5,587	0.9	-18.7
MO	1,446	1,342	1,197	-17.2	-10.8
NY	2,088	2,393	2,257	8.1	-5.7
NC	666	1,049	988	48.3	-5.8
OH	1,514	1,434	1,689	11.6	17.8
OR	769	960	910	18.3	-5.2
PA	2,060	2,375	2,397	16.4	0.9
TN	755	1,206	586	-22.4	-51.4
TX	3,361	3,803	3,657	8.8	-3.8
UT	1,914	2,211	1,626	-15.0	-26.5
Oth Sts <sup>2</sup>	26,585	29,410	26,765		
US	53,521	62,112	54,918	2.6	-11.6
N Atl	8,975	9,079	9,616	7.1	5.9
S Atl	5,054	4,882	4,429	-12.4	-9.3
E N Cen	11,184	12,826	11,617	3.9	-9.4
W N Cen	11,650	11,681	10,262	-11.9	-12.1
S Cen	6,492	9,161	7,018	8.1	-23.4
West	10,166	14,483	11,976	17.8	-17.3

<sup>1</sup> Revised.

<sup>2</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, United States: Manufacturers' Shipment and Stocks,  
January-December 2008 <sup>1</sup>**

Product	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Nonfat Dry Milk, Human Manufacturers' Shipments	121,622	118,840	128,848	149,175	135,809	133,877
Nonfat Dry Milk, Human Manufacturers' Stocks <sup>2</sup>	166,733	159,286	160,880	144,226	132,634	139,981

Product	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Nonfat Dry Milk, Human Manufacturers' Shipments	110,465	97,736	100,282	113,863	131,930	145,323
Nonfat Dry Milk, Human Manufacturers' Stocks <sup>2</sup>	159,918	174,010	163,917	171,479	189,805	206,499

<sup>1</sup> Estimates subject to revision in the Annual Dairy Products report issued May 28, 2009.

<sup>2</sup> Stocks held by manufacturers at all points and in transit on last day of month.

**Canned Milk and Dry Milk Products: Manufacturers' Shipments,  
and Stocks, December, 2007-2008**

Product	Dec 2007	Nov 2008 <sup>1</sup>	Dec 2008	Change From	
				Dec 2007	Nov 2008
				Manufacturers' Shipments <sup>2</sup>	
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Nonfat Dry Milk, Human	70,753	131,930	145,323	105.4	10.2
				Manufacturers' Stocks End-of-Month <sup>3</sup>	
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Canned Evaporated and Condensed Whole Milk	37,441	42,933	42,221	12.8	-1.7
Nonfat Dry Milk, Human	163,664	189,805	206,499	26.2	8.8
Dry Buttermilk, Total	16,586	10,630	9,921	-40.2	-6.7

<sup>1</sup> Revised.

<sup>2</sup> For dry products, shipments of bulk goods only.

<sup>3</sup> Stocks held by manufacturers at all points and in transit on last day of month.

**Procedures and Reliability:** Estimates included in this report are based on data provided each month by manufacturers of these products. In 32 States, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1,109 manufacturers that made one or more products in 2007. Each month, reports are generally received from all dairy plants in States with small numbers of plants. 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. Monthly estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

**Revision Policy:** Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in the "**Dairy Products**" report published each April which includes any revisions made to current and previous year. An attempt is made to get information from all plants for preparing these estimates

### Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information.

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