

# Dairy Products



USDA  
Washington, D.C.

Released March 4, 1999, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Dairy Products" call Shawn Clark at (202) 720-9168, office hours 7:30 a.m. to 4:00 p.m. ET.

## January 1999 Highlights

**American type cheese** production totaled 289 million pounds, 1.9 percent above January 1998 but 3.0 percent below December 1998.

**Total cheese** output (excluding cottage cheese) was 634 million pounds, 2.9 percent above January 1998 but 5.1 percent below December 1998.

**Cream cottage cheese** production was 25.9 million pounds, 9.5 percent below January 1998 and 9.9 percent below December 1998.

**Lowfat cottage cheese** production was 26.8 million pounds, 4.9 percent below January 1998 and 0.8 percent below December 1998.

**Butter** production was 122 million pounds in January, 7.7 percent above January 1998 and 20.3 percent above December 1998.

### Frozen dessert: (comparisons with January 1998)

Ice cream, Regular (hard) --- 57.6 million gallons, down 0.8 percent.

Ice cream, Lowfat (total) --- 20.3 million gallons, down 6.4 percent.

Ice cream, Nonfat (hard) --- 2.20 million gallons, down 22.9 percent.

Sherbet (hard) --- 3.18 million gallons, down 8.0 percent.

Frozen Yogurt (total) --- 5.79 million gallons, down 1.8 percent.

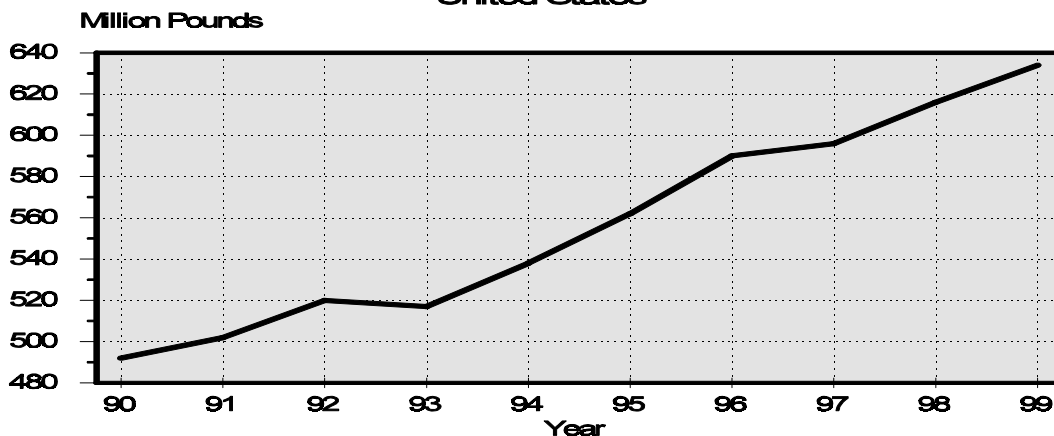
### Dry milk products: (comparisons with January 1998)

Nonfat dry milk for human food --- 119 million pounds, up 14.9 percent.

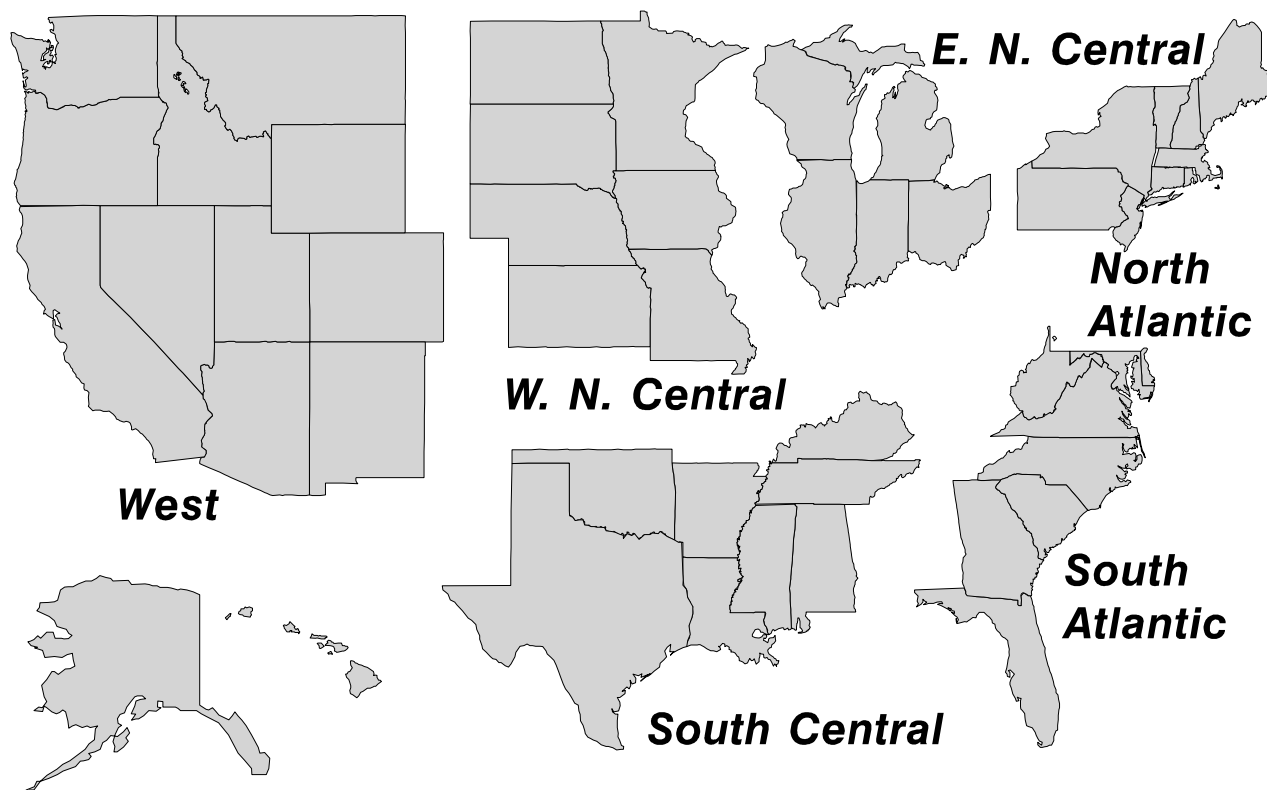
Dry whole milk --- 11.0 million pounds, down 13.9 percent.

Dry buttermilk --- 6.07 million pounds, up 8.3 percent.

January Total Cheese Production  
United States



# U. S. Geographic Regions Manufactured Dairy



State totals are not published when fewer than 3 firms have reported or one firm comprises more than 60 percent of the State total. If we are not able to publish a region for confidentiality reasons, it will be combined with other regions when possible. For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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 will be combined with South Central to publish Central. Some tables will have only one or two regions shown, therefore the regions may not add to the United States total.

**Dairy Products: Production by Product,  
United States, January, 1998-99**

Product	Jan 1998	Dec 1998 <sup>1</sup>	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	113,512	101,643	122,276	7.7	20.3
Cheese					
American Types <sup>2</sup>	283,248	297,653	288,638	1.9	-3.0
Cheddar	228,758	238,140	232,060	1.4	-2.6
Swiss	18,651	17,698	18,647		5.4
Brick and Muenster	9,063	8,093	7,301	-19.4	-9.8
Cream and Neufchatel	43,161	58,758	44,459	3.0	-24.3
Blue	2,982	3,469	4,386	47.1	26.4
Hispanic	5,852	6,402	6,162	5.3	-3.7
Mozzarella	188,661	210,018	200,543	6.3	-4.5
Other Italian Types	55,444	55,378	54,649	-1.4	-1.3
Total Italian Types	244,105	265,396	255,192	4.5	-3.8
All Other Types	8,671	10,185	9,089	4.8	-10.8
Total	615,733	667,654	633,874	2.9	-5.1
Cottage Cheese, Curd <sup>3</sup>	35,984	34,586	34,689	-3.6	0.3
Cottage Cheese, Cream <sup>4</sup>	28,644	28,780	25,922	-9.5	-9.9
Cottage Cheese, Lowfat <sup>5</sup>	28,203	27,018	26,814	-4.9	-0.8
Canned Evaporated and					
Condensed Whole Milk	40,300	36,049	29,142	-27.7	-19.2
Dry Whole Milk	12,756	9,876	10,980	-13.9	11.2
Nonfat Dry Milk, Human	103,703	107,100	119,191	14.9	11.3
Dry Skim Milk, Animal	338	333	401	18.6	20.4
Dry Buttermilk	5,603	4,874	6,066	8.3	24.5
Yogurt, Plain & Flavored	127,028	111,620	109,703	-13.6	-1.7
	<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, Hard	58,121	55,075	57,637	-0.8	4.7
Ice Cream, Lowfat, Hard	6,468	7,227	6,825	5.5	-5.6
Ice Cream, Lowfat, Soft	15,256	16,334	13,518	-11.4	-17.2
Ice Cream, Lowfat, Total	21,724	23,561	20,343	-6.4	-13.7
Ice Cream, Nonfat, Hard	2,857	2,096	2,202	-22.9	5.1
Sherbet, Hard	3,459	3,339	3,181	-8.0	-4.7
Water and Juice Ices	4,898	3,022	4,037	-17.6	33.6
Frozen Yogurt, Total	5,897	5,930	5,792	-1.8	-2.3
Regular & Lowfat, Hard	2,007	2,504	2,209	10.1	-11.8
Nonfat, Hard	1,806	1,304	1,548	-14.3	18.7
Other Frozen Dairy					
Products	1,080	931	874	-19.1	-6.1
Mix for Frozen Products					
Ice Cream Mix	32,639	29,283	31,812	-2.5	8.6
Ice Cream, Lowfat, Mix	13,575	14,693	12,604	-7.2	-14.2
Ice Cream, Nonfat, Mix	1,659	1,285	1,312	-20.9	2.1
Sherbet Mix	2,433	2,262	2,261	-7.1	
Yogurt Mix	3,732	3,753	3,666	-1.8	-2.3

<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.

**Whey and Modified Whey Products: Production, Stocks,  
and Prices, United States, January, 1998-99**

Product	Jan 1998	Dec 1998 <sup>1</sup>	Jan 1999	Change From	
				Jan 1998	Dec 1998
<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	9,134	5,088	6,206	-32.1	22.0
Sweet-Type, Animal	2,336	1,398	1,204	-48.5	-13.9
Dry Whey Products					
Dry Whey, Human	95,015	93,243	88,782	-6.6	-4.8
Dry Whey, Animal	6,509	6,812	7,251	11.4	6.4
Reduced Lactose and Minerals					
Human Food	5,569	6,807	6,828	22.6	0.3
Animal Feed	2,640	2,789	2,607	-1.3	-6.5
Lactose, Human and Animal	37,013	39,228	38,279	3.4	-2.4
Whey					
Solids in Wet Blends, Animal	1,890	3,100	2,300	21.7	-25.8
Protein Concentrate, Human	18,545	24,357	26,576	43.3	9.1
Protein Concentrate, Animal	3,012	3,585	3,439	14.2	-4.1
<b>Manufacturers' Stocks End-of-Month <sup>3</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	34,110	44,590	40,405	18.5	-9.4
Dry Whey, Animal	2,723	5,505	8,412	208.9	52.8
Reduced Lactose and Minerals					
Human and Animal <sup>4</sup>	8,604	9,856	10,248	19.1	4.0
Lactose, Human and Animal	21,059	27,053	25,540	21.3	-5.6
Whey Protein Concentrate, Human	10,935	16,049	21,197	93.8	32.1
Whey Protein Concentrate, Animal	1,208	1,548	2,262	87.3	46.1
<b>Manufacturers' Selling Price <sup>5</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	26.4	22.5	19.7	-6.7	-2.8

<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.

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

<sup>4</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>5</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Dairy Products: Production by Product and Month,  
United States, 1998-99<sup>1</sup>**

Product and Month	By Month			Cumulative		
	1998	1999	Change From 1998	1998	1999	Change From 1998
	<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	615,733	633,874	2.9	615,733	633,874	2.9
Feb	574,153			1,189,886		
Mar	645,189			1,835,075		
Apr	641,316			2,476,391		
May	653,088			3,129,479		
Jun	641,140			3,770,619		
Jul	612,525			4,383,144		
Aug	596,041			4,979,185		
Sep	579,882			5,559,067		
Oct	621,199			6,180,266		
Nov	634,805			6,815,071		
Dec	667,654			7,482,725		
<b>American Cheese</b>						
Jan	283,248	288,638	1.9	283,248	288,638	1.9
Feb	261,137			544,385		
Mar	285,205			829,590		
Apr	289,727			1,119,317		
May	293,106			1,412,423		
Jun	287,818			1,700,241		
Jul	277,252			1,977,493		
Aug	261,132			2,238,625		
Sep	245,425			2,484,050		
Oct	254,550			2,738,600		
Nov	269,693			3,008,293		
Dec	297,653			3,305,946		
<b>Cheddar Cheese</b>						
Jan	228,758	232,060	1.4	228,758	232,060	1.4
Feb	207,494			436,252		
Mar	228,483			664,735		
Apr	232,522			897,257		
May	236,098			1,133,355		
Jun	227,879			1,361,234		
Jul	219,624			1,580,858		
Aug	204,651			1,785,509		
Sep	189,062			1,974,571		
Oct	204,981			2,179,552		
Nov	213,374			2,392,926		
Dec	238,140			2,631,066		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 1998-99<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	1998	1999	Change From 1998	1998	1999	Change From 1998
	<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	244,105	255,192	4.5	244,105	255,192	4.5
Feb	231,396			475,501		
Mar	262,144			737,645		
Apr	253,698			991,343		
May	260,032			1,251,375		
Jun	251,413			1,502,788		
Jul	241,331			1,744,119		
Aug	241,725			1,985,844		
Sep	229,941			2,215,785		
Oct	254,690			2,470,475		
Nov	260,449			2,730,924		
Dec	265,396			2,996,320		
<b>Mozzarella Cheese</b>						
Jan	188,661	200,543	6.3	188,661	200,543	6.3
Feb	182,487			371,148		
Mar	205,352			576,500		
Apr	198,455			774,955		
May	207,417			982,372		
Jun	197,876			1,180,248		
Jul	192,851			1,373,099		
Aug	191,321			1,564,420		
Sep	181,570			1,745,990		
Oct	199,378			1,945,368		
Nov	204,940			2,150,308		
Dec	210,018			2,360,326		
<b>Other Italian</b>						
Jan	55,444	54,649	-1.4	55,444	54,649	-1.4
Feb	48,909			104,353		
Mar	56,792			161,145		
Apr	55,243			216,388		
May	52,615			269,003		
Jun	53,537			322,540		
Jul	48,480			371,020		
Aug	50,404			421,424		
Sep	48,371			469,795		
Oct	55,312			525,107		
Nov	55,509			580,616		
Dec	55,378			635,994		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 1998-99<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	1998	1999	Change From 1998	1998	1999	Change From 1998
	<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>
Butter						
Jan	113,512	122,276	7.7	113,512	122,276	7.7
Feb	102,704			216,216		
Mar	100,773			316,989		
Apr	102,974			419,963		
May	92,948			512,911		
Jun	72,641			585,552		
Jul	67,129			652,681		
Aug	61,514			714,195		
Sep	67,138			781,333		
Oct	83,214			864,547		
Nov	87,192			951,739		
Dec	101,643			1,053,382		
Nonfat Dry Milk, Human						
Jan	103,703	119,191	14.9	103,703	119,191	14.9
Feb	96,995			200,698		
Mar	107,318			308,016		
Apr	120,359			428,375		
May	121,295			549,670		
Jun	104,206			653,876		
Jul	90,243			744,119		
Aug	72,526			816,645		
Sep	59,946			876,591		
Oct	70,011			946,602		
Nov	69,998			1,016,600		
Dec	107,100			1,123,700		
Total Dry Whey <sup>2</sup>						
Jan	101,524	96,033	-5.4	101,524	96,033	-5.4
Feb	93,534			195,058		
Mar	97,165			292,223		
Apr	98,892			391,115		
May	105,852			496,967		
Jun	103,973			600,940		
Jul	103,898			704,838		
Aug	97,857			802,695		
Sep	88,680			891,375		
Oct	89,506			980,881		
Nov	91,032			1,071,913		
Dec	100,055			1,171,968		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 1998-99<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	1998	1999	Change From 1998	1998	1999	Change From 1998
	<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	28,644	25,922	-9.5	28,644	25,922	-9.5
Feb	27,730			56,374		
Mar	31,225			87,599		
Apr	30,304			117,903		
May	30,691			148,594		
Jun	30,823			179,417		
Jul	33,996			213,413		
Aug	31,810			245,223		
Sep	32,506			277,729		
Oct	30,079			307,808		
Nov	28,216			336,024		
Dec	28,780			364,804		
<b>Lowfat Cottage Cheese</b>						
Jan	28,203	26,814	-4.9	28,203	26,814	-4.9
Feb	27,658			55,861		
Mar	30,524			86,385		
Apr	30,316			116,701		
May	30,514			147,215		
Jun	30,106			177,321		
Jul	32,226			209,547		
Aug	29,665			239,212		
Sep	32,643			271,855		
Oct	29,490			301,345		
Nov	27,780			329,125		
Dec	27,018			356,143		
	<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, Hard</b>						
Jan	58,121	57,637	-0.8	58,121	57,637	-0.8
Feb	64,253			122,374		
Mar	75,708			198,082		
Apr	78,799			276,881		
May	78,594			355,475		
Jun	88,381			443,856		
Jul	86,912			530,768		
Aug	76,874			607,642		
Sep	72,733			680,375		
Oct	64,880			745,255		
Nov	51,273			796,528		
Dec	55,075			851,603		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,  
United States, 1998-99<sup>1</sup> (continued)**

Product and Month	By Month			Cumulative		
	1998	1999	Change From 1998	1998	1999	Change From 1998
	<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, Lowfat</b>						
Jan	21,724	20,343	-6.4	21,724	20,343	-6.4
Feb	23,821			45,545		
Mar	29,277			74,822		
Apr	32,044			106,866		
May	35,908			142,774		
Jun	38,534			181,308		
Jul	42,867			224,175		
Aug	40,188			264,363		
Sep	35,476			299,839		
Oct	25,815			325,654		
Nov	21,973			347,627		
Dec	23,561			371,188		
<b>Ice Cream, NF, Hard</b>						
Jan	2,857	2,202	-22.9	2,857	2,202	-22.9
Feb	2,661			5,518		
Mar	3,139			8,657		
Apr	3,038			11,695		
May	3,005			14,700		
Jun	3,290			17,990		
Jul	2,899			20,889		
Aug	2,986			23,875		
Sep	2,682			26,557		
Oct	2,466			29,023		
Nov	2,204			31,227		
Dec	2,096			33,323		
<b>Sherbet, Hard</b>						
Jan	3,459	3,181	-8.0	3,459	3,181	-8.0
Feb	3,589			7,048		
Mar	4,368			11,416		
Apr	4,587			16,003		
May	4,445			20,448		
Jun	5,265			25,713		
Jul	5,270			30,983		
Aug	4,946			35,929		
Sep	4,024			39,953		
Oct	3,458			43,411		
Nov	3,036			46,447		
Dec	3,339			49,786		
<b>Frozen Yogurt</b>						
Jan	5,897	5,792	-1.8	5,897	5,792	-1.8
Feb	6,366			12,263		
Mar	7,353			19,616		
Apr	8,278			27,894		
May	8,012			35,906		
Jun	8,406			44,312		
Jul	8,327			52,639		
Aug	7,846			60,485		
Sep	8,919			69,404		
Oct	7,015			76,419		
Nov	6,105			82,524		
Dec	5,930			88,454		

<sup>1</sup> December 1998 data revised.

<sup>2</sup> Excludes all modified dry whey products.

**Total Cheese, Excluding Cottage Cheese: Production by State and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	101,763	111,705	109,678	7.8	-1.8
ID	42,186	48,543	47,007	11.4	-3.2
IL	10,587	9,159	8,997	-15.0	-1.8
IA	19,887	21,262	20,837	4.8	-2.0
MN	56,461	57,042	55,323	-2.0	-3.0
MO	9,331	15,259	8,493	-9.0	-44.3
NJ		3,723	4,702		26.3
NM		25,422	21,892		-13.9
NY	51,609	55,441	54,804	6.2	-1.1
ND	1,487	2,018	1,959	31.7	-2.9
OH	9,902	10,383	10,077	1.8	-2.9
PA	25,128	33,418	27,887	11.0	-16.6
SD	12,018	11,526	10,804	-10.1	-6.3
UT	4,566	5,493	5,383	17.9	-2.0
VT	8,776	8,794	8,382	-4.5	-4.7
WA	12,913	15,259	10,798	-16.4	-29.2
WI	175,747	179,758	175,914	0.1	-2.1
Oth Sts <sup>2</sup>	73,372	53,449	50,937		-4.7
US	615,733	667,654	633,874	2.9	-5.1
N Atlantic	91,097	102,528	96,441	5.9	-5.9
S Atlantic	2,554	2,970	3,689	44.4	24.2
E N Central	207,039	212,491	207,587	0.3	-2.3
W N Central	110,217	113,998	104,611	-5.1	-8.2
S Central	6,865	4,968	3,834	-44.2	-22.8
West	197,961	230,699	217,712	10.0	-5.6

<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.

**Cheddar Cheese: Production by State United States, January, 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	32,449	34,079	37,636	16.0	10.4
ID	24,477	27,814	28,476	16.3	2.4
MN	45,853	51,948	48,016	4.7	-7.6
NY	7,496	8,017	8,532	13.8	6.4
WI	65,000	65,100	63,200	-2.8	-2.9
Oth Sts <sup>2</sup>	53,483	51,182	46,200	-13.6	-9.7
US	228,758	238,140	232,060	1.4	-2.6
Atlantic	12,309	12,461	12,583	2.2	1.0
E N Cen	66,529	67,021	65,121	-2.1	-2.8
W N Cen	58,361	63,350	58,352		-7.9
S Cen	6,642	4,690	3,654	-45.0	-22.1
West	84,917	90,618	92,350	8.8	1.9

<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.

**American Cheese: Production by State and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,712	44,900	48,814	14.3	8.7
ID	38,925	42,971	42,225	8.5	-1.7
IA	8,846	9,766	9,795	10.7	0.3
MN	47,995	54,504	50,346	4.9	-7.6
NM		3,993	4,730		18.5
NY	7,641	8,148	8,593	12.5	5.5
ND	1,487	2,018	1,959	31.7	-2.9
OH	2,803	3,019	2,820	0.6	-6.6
SD	4,454	5,288	4,725	6.1	-10.6
UT	1,627	2,473	2,312	42.1	-6.5
WA	8,319	11,052	7,942	-4.5	-28.1
WI	79,500	80,600	78,000	-1.9	-3.2
Oth Sts <sup>2</sup>	38,939	28,921	26,377		-8.8
US	283,248	297,653	288,638	1.9	-3.0
Atlantic	12,808	12,946	13,107	2.3	1.2
E N Central	83,797	85,441	82,465	-1.6	-3.5
W N Central	68,416	75,495	70,392	2.9	-6.8
S Central	6,642	4,690	3,654	-45.0	-22.1
West	111,585	119,081	119,020	6.7	-0.1

<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.

**Mozzarella Cheese: Production by State and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	45,026	48,894	46,674	3.7	-4.5
NY	17,546	17,916	18,977	8.2	5.9
PA	15,963	21,197	18,306	14.7	-13.6
VT	2,468	3,284	2,924	18.5	-11.0
WI	53,000	53,000	52,000	-1.9	-1.9
Oth Sts <sup>2</sup>	54,658	65,727	61,662	12.8	-6.2
US	188,661	210,018	200,543	6.3	-4.5
Atlantic	38,844	44,895	43,752	12.6	-2.5
E N Central	63,982	65,551	64,259	0.4	-2.0
W N Central	20,577	15,537	16,787	-18.4	8.0
West	65,258	84,035	75,745	16.1	-9.9

<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.

**Butter: Production by State and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	30,415	23,192	29,875	-1.8	28.8
MN	5,475	6,530	7,144	30.5	9.4
NY	2,358	1,979	2,375	0.7	20.0
OR	2,120	2,270	2,540	19.8	11.9
PA	5,234	5,127	6,605	26.2	28.8
WA	7,022	6,041	7,544	7.4	24.9
WI	33,000	28,700	35,200	6.7	22.6
Oth Sts <sup>2</sup>	27,888	27,804	30,993	11.1	11.5
US	113,512	101,643	122,276	7.7	20.3
N Atlantic	11,574	11,297	13,166	13.8	16.5
S Atlantic	4,772	2,694	3,659	-23.3	35.8
E N Central	39,966	36,580	42,941	7.4	17.4
W N Central	10,092	11,500	12,672	25.6	10.2
S Central	6,520	7,015	9,308	42.8	32.7
West	40,588	32,557	40,530	-0.1	24.5

<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.

**Nonfat Dry Milk, Human: Production by State  
and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	47,169	49,345	51,036	8.2	3.4
IA	4,909	5,871	5,784	17.8	-1.5
MN & WI	2,148	2,705	2,916	35.8	7.8
WA	12,157	11,518	15,478	27.3	34.4
Oth Sts <sup>2</sup>	37,320	37,661	43,977	17.8	16.8
US	103,703	107,100	119,191	14.9	11.3
Atlantic	21,061	15,860	22,463	6.7	41.6
E N Central	4,767	8,158	5,848	22.7	-28.3
W N Central	7,939	9,033	8,935	12.5	-1.1
S Central	2,432	5,562	4,040	66.1	-27.4
West	67,504	68,487	77,905	15.4	13.8

<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, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,902	9,839	9,754	-1.5	-0.9
MN	8,998	7,493	7,796	-13.4	4.0
NY	9,221	9,954	9,456	2.5	-5.0
UT	1,525	1,797	1,338	-12.3	-25.5
WA	6,662	8,287	5,902	-11.4	-28.8
WI	25,500	25,000	23,700	-7.1	-5.2
Oth Sts <sup>2</sup>	33,207	30,873	30,836	-7.1	-0.1
US	95,015	93,243	88,782	-6.6	-4.8
Atlantic	20,011	19,536	18,750	-6.3	-4.0
N Central	44,393	42,323	41,473	-6.6	-2.0
West	29,191	31,384	28,559	-2.2	-9.0

<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.

**Lactose: Production by State and  
United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	10,622	8,474	8,215	-22.7	-3.1
WI	8,269	7,457	7,491	-9.4	0.5
Oth Sts <sup>2</sup>	18,122	23,297	22,573	24.6	-3.1
US	37,013	39,228	38,279	3.4	-2.4
E N Central	9,318	8,362	8,567	-8.1	2.5
W N Central	15,776	13,892	13,451	-14.7	-3.2
West	10,171	15,536	14,290	40.5	-8.0

<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.

**Whey Protein Concentrate, Human: Production by State  
and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	3,918	7,492	7,367	88.0	-1.7
MN	4,133	4,702	4,735	14.6	0.7
WI	2,128	3,344	3,057	43.7	-8.6
Oth Sts <sup>2</sup>	8,366	8,819	11,417	36.5	29.5
US	18,545	24,357	26,576	43.3	9.1

<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.

**Ice Cream, Hard: Production by State and United States, January 1998-99**

State	Jan 1998	Dec <sup>1</sup> 1998	Jan 1999	Change From	
				Jan 1998	Dec 1998
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
AZ	442	194	537	21.5	176.8
CA	6,192	6,170	6,445	4.1	4.5
FL	1,760	1,900	1,650	-6.3	-13.2
GA	558	618	619	10.9	0.2
ID	473	482	322	-31.9	-33.2
IL	1,800	2,659	2,495	38.6	-6.2
IN	4,219	5,708	5,347	26.7	-6.3
KS	300	120	111	-63.0	-7.5
KY	395	351	345	-12.7	-1.7
MD	1,375	1,172	1,162	-15.5	-0.9
MA	5,255	4,138	5,396	2.7	30.4
MI	1,563	970	780	-50.1	-19.6
MN	2,441	3,033	2,312	-5.3	-23.8
MO	1,400	945	715	-48.9	-24.3
NM	219	401	219		-45.4
NY	2,300	1,800	2,100	-8.7	16.7
NC	1,514	1,383	1,172	-22.6	-15.3
OH	2,850	2,400	2,220	-22.1	-7.5
OR	680	710	620	-8.8	-12.7
PA	3,227	2,343	2,925	-9.4	24.8
TN	829	1,012	1,267	52.8	25.2
TX	3,439	3,661	3,596	4.6	-1.8
UT	642	690	629	-2.0	-8.8
VT	635	902	750	18.1	-16.9
WA	1,318	1,018	1,215	-7.8	19.4
WI	600	540	645	7.5	19.4
Oth Sts <sup>2</sup>	11,695	9,755	12,043	3.0	23.5
US	58,121	55,075	57,637	-0.8	4.7
N Atlantic	13,904	9,733	11,825	-15.0	21.5
S Atlantic	7,480	6,302	6,787	-9.3	7.7
E N Central	11,032	12,277	11,487	4.1	-6.4
W N Central	7,972	9,019	8,722	9.4	-3.3
S Central	6,263	6,888	7,634	21.9	10.8
West	11,470	10,856	11,182	-2.5	3.0

<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.

**Canned Milk and Dry Milk Products: Manufacturers' shipments,  
Stocks, and Selling Prices, January, 1998-99**

Product	Jan 1998	Dec 1998 <sup>1</sup>	Jan 1999	Change From	
				Jan 1998	Dec 1998
<b>Manufacturers' Shipments <sup>2</sup></b>					
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Dry Whole Milk	9,082	7,529	8,640	-4.9	14.8
Nonfat Dry Milk, Human	84,149	69,326	68,755	-18.3	-0.8
Dry Skim Milk, Animal	472	371	242	-48.7	-34.8
Dry Buttermilk, Human	3,391	2,036	2,451	-27.7	20.4
<b>Manufacturers' Stocks End-of-Month <sup>3</sup></b>					
	<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	38,355	35,818	41,710	8.7	16.4
Dry Whole Milk	6,629	5,161	5,724	-13.7	10.9
Nonfat Dry Milk, Human	104,143	56,192	82,242	-21.0	46.4
Dry Skim Milk, Animal	789	1,075	1,291	63.6	20.1
Dry Buttermilk, Total	3,765	4,091	5,041	33.9	23.2
<b>Manufacturers' Selling Price <sup>4</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 Whole Milk	118.21	148.11	134.52	16.31	-13.59
Dry Skim Milk, Animal	60.15	62.45	61.52	1.37	-0.93
Dry Buttermilk, Human	94.66	105.64	93.08	-1.58	-12.56

<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.

<sup>4</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms, weighted by shipments of each firm.

**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 1,384 manufacturers that made one or more products in 1997. 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 production estimates are subject to revision the month following the preliminary estimates. Annual revisions are also published in the **Dairy Products** report published each April. In preparing the annual report, an attempt is made to get information from all plants.



The next "Dairy Products" report will be released at 3 p.m. ET on April 1, 1999.

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