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## October 1999 Highlights

**American type cheese** production totaled 298 million pounds, 11.6 percent above October 1998 and 5.0 percent above September 1999.

**Total cheese** output (excluding cottage cheese) was 665 million pounds, 5.2 percent above October 1998 and 4.2 percent above September 1999.

**Cream cottage cheese** production was 29.1 million pounds, 4.2 percent below October 1998 and 6.7 percent below September 1999.

**Lowfat cottage cheese** production was 29.3 million pounds, 3.3 percent below October 1998 and 7.1 percent below September 1999.

**Butter** production was 93.3 million pounds in October, 5.4 percent above October 1998 and 18.5 percent above September 1999.

**Frozen dessert:** (comparisons with October 1998)

Ice cream, Regular (hard) --- 62.5 million gallons, down 3.6 percent.

Ice cream, Lowfat (total) --- 27.7 million gallons, down 4.7 percent.

Ice cream, Nonfat (hard) --- 2.61 million gallons, down 10.5 percent.

Sherbet (hard) --- 3.40 million gallons, down 4.3 percent.

Frozen Yogurt (total) --- 5.59 million gallons, down 17.6 percent.

**Dry milk products:** (comparisons with October 1998)

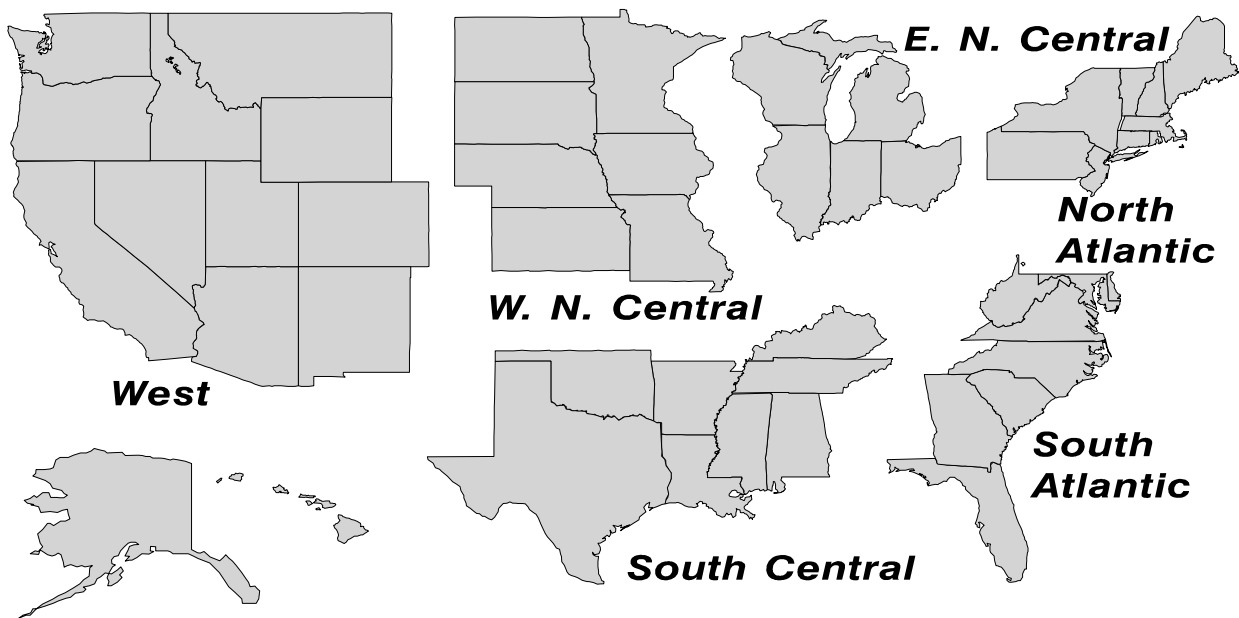
Nonfat dry milk for human food --- 102 million pounds, up 35.4 percent.

Dry whole milk --- 11.2 million pounds, down 19.2 percent.

Dry buttermilk --- 3.75 million pounds, up 2.3 percent.

## U. S. Geographic Regions Dairy Products

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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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 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.



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

Product	Oct 1998	Sep 1999 <sup>1</sup>	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	88,497	78,773	93,312	5.4	18.5
Cheese					
American Types <sup>2</sup>	266,840	283,603	297,798	11.6	5.0
Cheddar	205,430	223,052	234,182	14.0	5.0
Swiss	15,188	17,307	17,188	13.2	-0.7
Brick and Muenster	9,220	6,922	6,530	-29.2	-5.7
Cream and Neufchatel	62,700	57,305	64,533	2.9	12.6
Blue	4,514	4,368	4,752	5.3	8.8
Hispanic	6,518	7,646	7,249	11.2	-5.2
Mozzarella	200,272	202,067	205,024	2.4	1.5
Other Italian Types	55,477	48,516	51,490	-7.2	6.1
Total Italian Types	255,749	250,583	256,514	0.3	2.4
All Other Types	11,408	10,677	10,395	-8.9	-2.6
Total	632,137	638,411	664,959	5.2	4.2
Cottage Cheese, Curd <sup>3</sup>	39,135	39,971	37,541	-4.1	-6.1
Cottage Cheese, Cream <sup>4</sup>	30,438	31,246	29,149	-4.2	-6.7
Cottage Cheese, Lowfat <sup>5</sup>	30,248	31,472	29,251	-3.3	-7.1
Canned Evaporated and Condensed Whole Milk	43,805	36,375	43,858	0.1	20.6
Dry Whole Milk	13,888	7,990	11,218	-19.2	40.4
Nonfat Dry Milk, Human	75,039	90,566	101,600	35.4	12.2
Dry Skim Milk, Animal	281	371	406	44.5	9.4
Dry Buttermilk	3,665	3,155	3,751	2.3	18.9
Yogurt, Plain & Flavored	130,788	152,265	133,970	2.4	-12.0
	<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	64,844	71,766	62,528	-3.6	-12.9
Ice Cream, Lowfat, Hard	7,687	8,279	7,766	1.0	-6.2
Ice Cream, Lowfat, Soft	21,373	24,202	19,921	-6.8	-17.7
Ice Cream, Lowfat, Total	29,060	32,481	27,687	-4.7	-14.8
Ice Cream, Nonfat, Hard	2,917	3,181	2,610	-10.5	-18.0
Sherbet, Hard	3,547	4,272	3,396	-4.3	-20.5
Water and Juice Ices	4,655	5,537	4,484	-3.7	-19.0
Frozen Yogurt, Total	6,783	6,987	5,592	-17.6	-20.0
Regular & Lowfat, Hard	2,657	2,574	2,050	-22.8	-20.4
Nonfat, Hard	1,749	1,642	1,371	-21.6	-16.5
Other Frozen Dairy Products	1,391	1,294	1,326	-4.7	2.5
Mix for Frozen Products					
Ice Cream Mix	36,328	40,177	36,732	1.1	-8.6
Ice Cream, Lowfat, Mix	16,258	17,735	15,091	-7.2	-14.9
Ice Cream, Nonfat, Mix	1,746	1,903	1,520	-12.9	-20.1
Sherbet Mix	2,532	2,867	2,393	-5.5	-16.5
Yogurt Mix	4,293	4,422	3,539	-17.6	-20.0

<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, October, 1998-99**

Product	Oct 1998	Sep 1999 <sup>1</sup>	Oct 1999	Change From	
				Oct 1998	Sep 1999
<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	6,724	8,560	5,755	-14.4	-32.8
Sweet-Type, Animal	1,357	1,406	1,047	-22.8	-25.5
Dry Whey Products					
Dry Whey, Human	83,601	89,970	88,509	5.9	-1.6
Dry Whey, Animal	7,175	6,403	6,041	-15.8	-5.7
Reduced Lactose and Minerals					
Human Food	5,716	6,086	6,174	8.0	1.4
Animal Feed	2,744	2,925	3,027	10.3	3.5
Lactose, Human and Animal	36,812	38,616	38,999	5.9	1.0
Whey					
Solids in Wet Blends, Animal	3,130	2,852	3,100	-1.0	8.7
Protein Concentrate, Human	20,940	25,731	27,544	31.5	7.0
Protein Concentrate, Animal	3,332	3,578	3,496	4.9	-2.3
<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	32,509	48,975	43,569	34.0	-11.0
Dry Whey, Animal	4,802	8,914	9,283	93.3	4.1
Reduced Lactose and Minerals					
Human and Animal <sup>4</sup>	10,393	12,709	10,672	2.7	-16.0
Lactose, Human and Animal	26,364	17,592	20,650	-21.7	17.4
Whey Protein Concentrate, Human	12,878	17,059	17,523	36.1	2.7
Whey Protein Concentrate, Animal	1,429	1,084	1,480	3.6	36.5
<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	24.1	18.4	17.5	-6.6	-0.9

<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	617,438	638,727	3.4	617,438	638,727	3.4
Feb	574,148	600,242	4.5	1,191,586	1,238,969	4.0
Mar	646,565	691,691	7.0	1,838,151	1,930,660	5.0
Apr	639,077	672,973	5.3	2,477,228	2,603,633	5.1
May	652,554	676,153	3.6	3,129,782	3,279,786	4.8
Jun	642,070	672,794	4.8	3,771,852	3,952,580	4.8
Jul	610,087	653,030	7.0	4,381,939	4,605,610	5.1
Aug	598,644	651,345	8.8	4,980,583	5,256,955	5.5
Sep	584,112	638,411	9.3	5,564,695	5,895,366	5.9
Oct	632,137	664,959	5.2	6,196,832	6,560,325	5.9
Nov	636,582			6,833,414		
Dec	668,489			7,501,903		
<b>American Cheese</b>						
Jan	284,006	289,680	2.0	284,006	289,680	2.0
Feb	261,709	277,289	6.0	545,715	566,969	3.9
Mar	284,288	316,051	11.2	830,003	883,020	6.4
Apr	288,015	318,600	10.6	1,118,018	1,201,620	7.5
May	298,507	314,570	5.4	1,416,525	1,516,190	7.0
Jun	287,835	297,218	3.3	1,704,360	1,813,408	6.4
Jul	277,738	303,910	9.4	1,982,098	2,117,318	6.8
Aug	261,310	294,471	12.7	2,243,408	2,411,789	7.5
Sep	244,913	283,603	15.8	2,488,321	2,695,392	8.3
Oct	266,840	297,798	11.6	2,755,161	2,993,190	8.6
Nov	270,560			3,025,721		
Dec	300,115			3,325,836		
<b>Cheddar Cheese</b>						
Jan	230,226	233,772	1.5	230,226	233,772	1.5
Feb	207,423	218,795	5.5	437,649	452,567	3.4
Mar	227,164	254,148	11.9	664,813	706,715	6.3
Apr	231,964	257,475	11.0	896,777	964,190	7.5
May	243,230	253,004	4.0	1,140,007	1,217,194	6.8
Jun	227,815	234,614	3.0	1,367,822	1,451,808	6.1
Jul	219,739	237,493	8.1	1,587,561	1,689,301	6.4
Aug	206,666	227,764	10.2	1,794,227	1,917,065	6.8
Sep	189,518	223,052	17.7	1,983,745	2,140,117	7.9
Oct	205,430	234,182	14.0	2,189,175	2,374,299	8.5
Nov	215,065			2,404,240		
Dec	240,789			2,645,029		

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	244,327	259,034	6.0	244,327	259,034	6.0
Feb	229,028	238,500	4.1	473,355	497,534	5.1
Mar	261,788	275,593	5.3	735,143	773,127	5.2
Apr	253,555	259,934	2.5	988,698	1,033,061	4.5
May	259,013	261,914	1.1	1,247,711	1,294,975	3.8
Jun	251,997	264,911	5.1	1,499,708	1,559,886	4.0
Jul	241,344	255,147	5.7	1,741,052	1,815,033	4.2
Aug	241,050	256,458	6.4	1,982,102	2,071,491	4.5
Sep	233,550	250,583	7.3	2,215,652	2,322,074	4.8
Oct	255,749	256,514	0.3	2,471,401	2,578,588	4.3
Nov	262,554			2,733,955		
Dec	267,151			3,001,106		
<b>Mozzarella Cheese</b>						
Jan	187,870	203,828	8.5	187,870	203,828	8.5
Feb	180,746	192,356	6.4	368,616	396,184	7.5
Mar	205,325	221,465	7.9	573,941	617,649	7.6
Apr	198,395	210,729	6.2	772,336	828,378	7.3
May	206,571	213,759	3.5	978,907	1,042,137	6.5
Jun	198,521	209,585	5.6	1,177,428	1,251,722	6.3
Jul	192,730	209,928	8.9	1,370,158	1,461,650	6.7
Aug	190,823	209,361	9.7	1,560,981	1,671,011	7.0
Sep	185,248	202,067	9.1	1,746,229	1,873,078	7.3
Oct	200,272	205,024	2.4	1,946,501	2,078,102	6.8
Nov	206,800			2,153,301		
Dec	210,868			2,364,169		
<b>Other Italian</b>						
Jan	56,457	55,206	-2.2	56,457	55,206	-2.2
Feb	48,282	46,144	-4.4	104,739	101,350	-3.2
Mar	56,463	54,128	-4.1	161,202	155,478	-3.6
Apr	55,160	49,205	-10.8	216,362	204,683	-5.4
May	52,442	48,155	-8.2	268,804	252,838	-5.9
Jun	53,476	55,326	3.5	322,280	308,164	-4.4
Jul	48,614	45,219	-7.0	370,894	353,383	-4.7
Aug	50,227	47,097	-6.2	421,121	400,480	-4.9
Sep	48,302	48,516	0.4	469,423	448,996	-4.4
Oct	55,477	51,490	-7.2	524,900	500,486	-4.7
Nov	55,754			580,654		
Dec	56,283			636,937		

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	117,810	123,336	4.7	117,810	123,336	4.7
Feb	105,687	111,520	5.5	223,497	234,856	5.1
Mar	106,688	113,708	6.6	330,185	348,564	5.6
Apr	107,072	106,424	-0.6	437,257	454,988	4.1
May	92,553	104,698	13.1	529,810	559,686	5.6
Jun	69,886	85,973	23.0	599,696	645,659	7.7
Jul	63,766	75,750	18.8	663,462	721,409	8.7
Aug	64,254	66,059	2.8	727,716	787,468	8.2
Sep	68,218	78,773	15.5	795,934	866,241	8.8
Oct	88,497	93,312	5.4	884,431	959,553	8.5
Nov	91,128			975,559		
Dec	106,320			1,081,879		
Nonfat Dry Milk, Human						
Jan	104,796	120,027	14.5	104,796	120,027	14.5
Feb	98,435	115,788	17.6	203,231	235,815	16.0
Mar	106,702	128,473	20.4	309,933	364,288	17.5
Apr	119,740	133,680	11.6	429,673	497,968	15.9
May	119,730	137,249	14.6	549,403	635,217	15.6
Jun	99,418	120,413	21.1	648,821	755,630	16.5
Jul	85,661	98,939	15.5	734,482	854,569	16.3
Aug	78,842	99,503	26.2	813,324	954,072	17.3
Sep	62,306	90,566	45.4	875,630	1,044,638	19.3
Oct	75,039	101,600	35.4	950,669	1,146,238	20.6
Nov	73,851			1,024,520		
Dec	110,863			1,135,383		
Total Dry Whey <sup>2</sup>						
Jan	100,070	97,028	-3.0	100,070	97,028	-3.0
Feb	93,534	89,507	-4.3	193,604	186,535	-3.7
Mar	98,882	101,976	3.1	292,486	288,511	-1.4
Apr	98,817	99,021	0.2	391,303	387,532	-1.0
May	105,661	101,714	-3.7	496,964	489,246	-1.6
Jun	104,635	102,471	-2.1	601,599	591,717	-1.6
Jul	104,767	98,178	-6.3	706,366	689,895	-2.3
Aug	99,221	93,794	-5.5	805,587	783,689	-2.7
Sep	89,558	96,373	7.6	895,145	880,062	-1.7
Oct	90,776	94,550	4.2	985,921	974,612	-1.1
Nov	92,085			1,078,006		
Dec	101,818			1,179,824		

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>
Cream Cottage Cheese						
Jan	29,110	26,028	-10.6	29,110	26,028	-10.6
Feb	28,299	27,297	-3.5	57,409	53,325	-7.1
Mar	31,774	30,475	-4.1	89,183	83,800	-6.0
Apr	30,366	31,402	3.4	119,549	115,202	-3.6
May	30,484	31,075	1.9	150,033	146,277	-2.5
Jun	31,405	30,400	-3.2	181,438	176,677	-2.6
Jul	34,197	31,545	-7.8	215,635	208,222	-3.4
Aug	32,138	32,224	0.3	247,773	240,446	-3.0
Sep	31,842	31,246	-1.9	279,615	271,692	-2.8
Oct	30,438	29,149	-4.2	310,053	300,841	-3.0
Nov	28,004			338,057		
Dec	28,704			366,761		
Lowfat Cottage Cheese						
Jan	28,613	26,586	-7.1	28,613	26,586	-7.1
Feb	28,122	27,879	-0.9	56,735	54,465	-4.0
Mar	31,322	34,297	9.5	88,057	88,762	0.8
Apr	30,762	29,830	-3.0	118,819	118,592	-0.2
May	30,510	30,124	-1.3	149,329	148,716	-0.4
Jun	31,669	31,710	0.1	180,998	180,426	-0.3
Jul	32,367	31,596	-2.4	213,365	212,022	-0.6
Aug	30,179	32,076	6.3	243,544	244,098	0.2
Sep	32,896	31,472	-4.3	276,440	275,570	-0.3
Oct	30,248	29,251	-3.3	306,688	304,821	-0.6
Nov	28,058			334,746		
Dec	27,130			361,876		
	<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>
Ice Cream, Hard						
Jan	60,756	57,387	-5.5	60,756	57,387	-5.5
Feb	67,219	63,118	-6.1	127,975	120,505	-5.8
Mar	78,283	75,538	-3.5	206,258	196,043	-5.0
Apr	81,406	76,332	-6.2	287,664	272,375	-5.3
May	80,569	76,134	-5.5	368,233	348,509	-5.4
Jun	88,896	88,432	-0.5	457,129	436,941	-4.4
Jul	86,715	84,750	-2.3	543,844	521,691	-4.1
Aug	77,070	80,599	4.6	620,914	602,290	-3.0
Sep	72,851	71,766	-1.5	693,765	674,056	-2.8
Oct	64,844	62,528	-3.6	758,609	736,584	-2.9
Nov	51,471			810,080		
Dec	55,458			865,538		

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	24,961	20,337	-18.5	24,961	20,337	-18.5
Feb	27,505	23,841	-13.3	52,466	44,178	-15.8
Mar	34,767	30,764	-11.5	87,233	74,942	-14.1
Apr	37,631	36,579	-2.8	124,864	111,521	-10.7
May	40,951	38,746	-5.4	165,815	150,267	-9.4
Jun	45,254	41,864	-7.5	211,069	192,131	-9.0
Jul	44,175	43,710	-1.1	255,244	235,841	-7.6
Aug	39,762	40,321	1.4	295,006	276,162	-6.4
Sep	34,602	32,481	-6.1	329,608	308,643	-6.4
Oct	29,060	27,687	-4.7	358,668	336,330	-6.2
Nov	24,739			383,407		
Dec	25,911			409,318		
<b>Ice Cream, NF, Hard</b>						
Jan	3,135	2,167	-30.9	3,135	2,167	-30.9
Feb	3,049	2,063	-32.3	6,184	4,230	-31.6
Mar	3,771	2,370	-37.2	9,955	6,600	-33.7
Apr	3,459	2,807	-18.8	13,414	9,407	-29.9
May	3,593	3,309	-7.9	17,007	12,716	-25.2
Jun	3,931	3,353	-14.7	20,938	16,069	-23.3
Jul	3,552	3,379	-4.9	24,490	19,448	-20.6
Aug	3,388	3,389		27,878	22,837	-18.1
Sep	3,127	3,181	1.7	31,005	26,018	-16.1
Oct	2,917	2,610	-10.5	33,922	28,628	-15.6
Nov	2,483			36,405		
Dec	2,379			38,784		
<b>Sherbet, Hard</b>						
Jan	3,465	3,170	-8.5	3,465	3,170	-8.5
Feb	3,654	3,671	0.5	7,119	6,841	-3.9
Mar	4,519	4,666	3.3	11,638	11,507	-1.1
Apr	4,585	4,728	3.1	16,223	16,235	0.1
May	4,832	4,894	1.3	21,055	21,129	0.4
Jun	5,466	5,664	3.6	26,521	26,793	1.0
Jul	5,466	5,270	-3.6	31,987	32,063	0.2
Aug	5,017	5,081	1.3	37,004	37,144	0.4
Sep	4,013	4,272	6.5	41,017	41,416	1.0
Oct	3,547	3,396	-4.3	44,564	44,812	0.6
Nov	3,102			47,666		
Dec	3,368			51,034		
<b>Frozen Yogurt</b>						
Jan	5,998	5,946	-0.9	5,998	5,946	-0.9
Feb	6,524	7,167	9.9	12,522	13,113	4.7
Mar	8,259	8,813	6.7	20,781	21,926	5.5
Apr	8,055	8,644	7.3	28,836	30,570	6.0
May	7,663	8,965	17.0	36,499	39,535	8.3
Jun	8,219	8,726	6.2	44,718	48,261	7.9
Jul	8,466	8,091	-4.4	53,184	56,352	6.0
Aug	7,584	7,853	3.5	60,768	64,205	5.7
Sep	8,641	6,987	-19.1	69,409	71,192	2.6
Oct	6,783	5,592	-17.6	76,192	76,784	0.8
Nov	5,829			82,021		
Dec	5,756			87,777		

<sup>1</sup> September 1999 data revised.

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

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

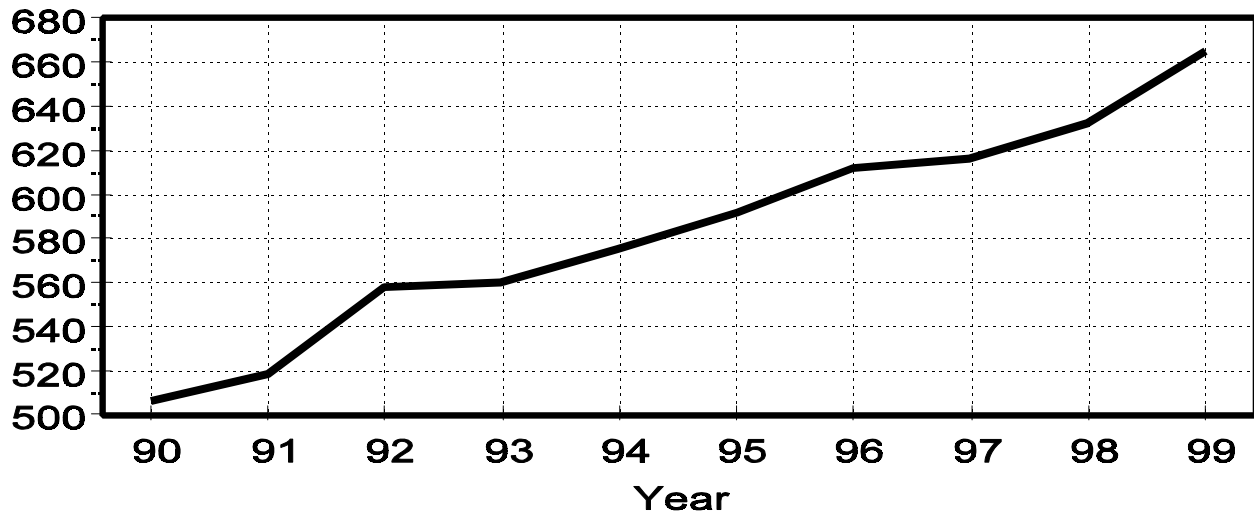
State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	111,342	114,042	117,185	5.2	2.8
ID	45,270	47,939	50,397	11.3	5.1
IL	7,676	6,996	5,912	-23.0	-15.5
IA	20,880	21,023	21,959	5.2	4.5
MA	85	79	70	-17.6	-11.4
MN	45,314	55,040	57,687	27.3	4.8
MO	15,572	12,721	14,031	-9.9	10.3
NE	9,179				
NY	54,235	54,218	58,270	7.4	7.5
ND	1,168	1,160	1,418	21.4	22.2
OH	9,774	10,626	10,617	8.6	-0.1
PA	28,114	30,315	30,078	7.0	-0.8
SD	11,659	11,333	11,879	1.9	4.8
UT	5,043	6,051	6,384	26.6	5.5
WA	15,631	10,530	12,918	-17.4	22.7
WI	184,007	177,747	182,172	-1.0	2.5
Oth Sts <sup>2</sup>	67,188	78,591	83,982		6.9
US	632,137	638,411	664,959	5.2	4.2
N Atlantic	96,678	97,909	102,631	6.2	4.8
S Atlantic	3,493	3,718	3,890	11.4	4.6
E N Central	211,871	208,215	209,939	-0.9	0.8
W N Central	103,822	106,940	114,009	9.8	6.6
S Central	3,369	4,358	3,946	17.1	-9.5
West	212,904	217,271	230,544	8.3	6.1

<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.

## October Total Cheese Production United States

Million Pounds



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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	43,698	48,713	49,273	12.8	1.1
ID	39,995	42,314	44,580	11.5	5.4
IA	9,164	10,432	10,022	9.4	-3.9
MN	41,221	53,967	54,884	33.1	1.7
NY		5,781	7,226		25.0
ND	1,168	1,160	1,418	21.4	22.2
OH	2,870	2,339	2,539	-11.5	8.6
OR	4,743	5,100	5,375	13.3	5.4
SD	4,995	5,158	5,553	11.2	7.7
UT	2,273	2,978	3,107	36.7	4.3
WA	10,956	8,535	10,736	-2.0	25.8
WI	77,199	75,000	79,300	2.7	5.7
Oth Sts <sup>2</sup>	28,558	22,126	23,785		7.5
US	266,840	283,603	297,798	11.6	5.0
Atlantic	12,280	9,783	11,975	-2.5	22.4
E N Central	81,481	79,193	83,345	2.3	5.2
W N Central	59,630	73,232	74,415	24.8	1.6
S Central	3,040	3,992	3,538	16.4	-11.4
West	110,409	117,403	124,525	12.8	6.1

<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, October 1998-99**

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	31,548	35,458	34,189	8.4	-3.6
ID	25,151	28,177	29,529	17.4	4.8
MN	39,103	50,065	51,197	30.9	2.3
NY	6,766	5,711	7,131	5.4	24.9
WI	60,761	60,500	64,100	5.5	6.0
Oth Sts <sup>2</sup>	42,101	43,141	48,036	14.1	11.3
US	205,430	223,052	234,182	14.0	5.0
Atlantic	11,782	9,392	11,383	-3.4	21.2
E N Cen	62,681	62,377	65,970	5.2	5.8
W N Cen	47,322	60,508	61,709	30.4	2.0
S Cen	3,040	3,992	3,538	16.4	-11.4
West	80,605	86,783	91,582	13.6	5.5

<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.

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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	51,185	49,339	52,446	2.5	6.3
ID	443	1,036	914	106.3	-11.8
NY	18,009	19,242	19,324	7.3	0.4
WI	54,757	56,000	53,500	-2.3	-4.5
Oth Sts <sup>2</sup>	75,878	76,450	78,840	3.9	3.1
US	200,272	202,067	205,024	2.4	1.5
Atlantic	39,208	43,703	43,441	10.8	-0.6
E N Central	65,254	67,269	63,383	-2.9	-5.8
W N Central	18,820	15,833	16,900	-10.2	6.7
West	76,990	75,262	81,300	5.6	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.

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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	20,570	16,936	19,895	-3.3	17.5
MN	5,484	3,466	4,784	-12.8	38.0
NY	1,700	1,694	1,940	14.1	14.5
ND	350	409	331	-5.4	-19.1
OR	2,326	1,600	2,100	-9.7	31.3
PA	5,211	7,491	8,090	55.2	8.0
WA	5,979	12,554	12,475	108.6	-0.6
WI	24,180	17,300	23,800	-1.6	37.6
Oth Sts <sup>2</sup>	22,697	17,323	19,897	-12.3	14.9
US	88,497	78,773	93,312	5.4	18.5
Atlantic	13,111	12,584	13,944	6.4	10.8
E N Central	29,084	19,751	27,031	-7.1	36.9
W N Central	10,905	7,316	8,795	-19.3	20.2
S Central	5,415	5,691	7,216	33.3	26.8
West	29,982	33,431	36,326	21.2	8.7

<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, October 1998-99**

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	41,544	49,831	49,398	18.9	-0.9
MN & WI	1,253	1,448	1,372	9.5	-5.2
NM	1,402		994	-29.1	
ND	61				
PA	2,438	6,118	7,087	190.7	15.8
WA	10,579	16,008	15,100	42.7	-5.7
Oth Sts <sup>2</sup>	17,762	17,161	27,649	55.7	61.1
US	75,039	90,566	101,600	35.4	12.2
Atlantic	7,613	12,563	16,631	118.5	32.4
E N Central	1,471	1,631	3,573	142.9	119.1
W N Central	6,331	5,133	8,181	29.2	59.4
S Central	2,756	1,254	1,484	-46.2	18.3
West	56,868	69,985	71,731	26.1	2.5

<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.

**Dry Whey, Human: Production by State  
and United States, October 1998-99**

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	10,192	11,758	11,413	12.0	-2.9
MN	6,322	6,943	6,562	3.8	-5.5
NY	9,236	9,847	9,734	5.4	-1.1
PA	7,108	7,653	7,014	-1.3	-8.3
UT	949	1,926	2,058	116.9	6.9
WA	7,013	6,800	7,636	8.9	12.3
WI	22,470	22,954	22,400	-0.3	-2.4
Oth Sts <sup>2</sup>	20,311	22,089	21,692	6.8	-1.8
US	83,601	89,970	88,509	5.9	-1.6
Atlantic	16,344	17,500	16,748	2.5	-4.3
Central	37,804	39,012	37,814		-3.1
West	29,453	33,458	33,947	15.3	1.5

<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.

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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	6,638	8,110	8,640	30.2	6.5
WI	7,558	8,298	7,892	4.4	-4.9
Oth Sts <sup>2</sup>	22,616	22,208	22,467	-0.7	1.2
US	36,812	38,616	38,999	5.9	1.0
E N Central	8,573	9,213	8,916	4.0	-3.2
W N Central	12,084	13,206	13,854	14.6	4.9
West	13,534	15,037	15,124	11.7	0.6

<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.

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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	5,448	7,587	7,769	42.6	2.4
MN	4,363	4,233	4,263	-2.3	0.7
WI	2,205	3,783	4,789	117.2	26.6
Oth Sts <sup>2</sup>	8,924	10,128	10,723	20.2	5.9
US	20,940	25,731	27,544	31.5	7.0

<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.

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

State	Oct 1998	Sep <sup>1</sup> 1999	Oct 1999	Change From	
				Oct 1998	Sep 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	7,217	9,727	8,207	13.7	-15.6
FL	1,840	1,850	1,850	0.5	
GA	337	493	452	34.1	-8.3
IL	2,745	3,100	2,735	-0.4	-11.8
IN	4,530	6,710	5,550	22.5	-17.3
ME	96	159	125	30.2	-21.4
MD	1,500	1,378	1,372	-8.5	-0.4
MA	2,831	3,889	2,693	-4.9	-30.8
MI	1,533	1,428	1,450	-5.4	1.5
MN	3,409	4,186	3,163	-7.2	-24.4
NH	23				
NM	401	219	219	-45.4	
NY	2,247	2,400	2,400	6.8	
NC	1,562	1,789	1,276	-18.3	-28.7
ND	90	104	98	8.9	-5.8
OH	3,008	2,500	2,180	-27.5	-12.8
OR	691	800	790	14.3	-1.3
PA	3,646	4,629	3,513	-3.6	-24.1
SD	2	2	2		
TN	1,255	1,234	937	-25.3	-24.1
TX	4,108	4,986	4,316	5.1	-13.4
UT	780	978	996	27.7	1.8
WA	1,064	1,995	1,515	42.4	-24.1
WI	678	750	680	0.3	-9.3
Oth Sts <sup>2</sup>	19,251	16,460	16,009		-2.7
US	64,844	71,766	62,528	-3.6	-12.9
N Atlantic	12,875	13,134	10,565	-17.9	-19.6
S Atlantic	7,557	7,692	7,151	-5.4	-7.0
E N Central	12,494	14,488	12,595	0.8	-13.1
W N Central	10,154	9,906	8,662	-14.7	-12.6
S Central	8,479	9,771	8,356	-1.5	-14.5
West	13,285	16,775	15,199	14.4	-9.4

<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.

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

Product	Oct 1998	Sep 1999 <sup>1</sup>	Oct 1999	Change From	
				Oct 1998	Sep 1999
<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	10,883	7,454	7,509	-31.0	0.7
Nonfat Dry Milk, Human	72,809	81,451	73,998	1.6	-9.2
Dry Skim Milk, Animal	254	484	432	70.1	-10.7
Dry Buttermilk, Human	2,212	5,753	5,752	160.0	
<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	48,560	57,671	40,032	-17.6	-30.6
Dry Whole Milk	5,082	6,027	5,450	7.2	-9.6
Nonfat Dry Milk, Human	47,235	87,184	91,642	94.0	5.1
Dry Skim Milk, Animal	1,044	1,708	1,662	59.2	-2.7
Dry Buttermilk, Total	2,783	4,866	5,206	87.1	7.0
<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	136.98	134.50	137.59	0.61	3.09
Dry Skim Milk, Animal	62.81	59.00	52.60	-10.21	-6.40
Dry Buttermilk, Human	106.80	73.48	73.74	-33.06	0.26

<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 1,340 manufacturers that made one or more products in 1998. 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 January 4, 2000.

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