



Dairy Products

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November 1999 Highlights

American type cheese production totaled 288 million pounds, 6.5 percent above November 1998 but 2.6 percent below October 1999.

Total cheese output (excluding cottage cheese) was 690 million pounds, 8.3 percent above November 1998 and 2.4 percent above October 1999.

Cream cottage cheese production was 28.6 million pounds, 2.3 percent above November 1998 but 1.7 percent below October 1999.

Lowfat cottage cheese production was 27.2 million pounds, 3.1 percent below November 1998 and 7.0 percent below October 1999.

Butter production was 90.4 million pounds in November, 0.8 percent below November 1998 and 2.9 percent below October 1999.

Frozen dessert: (comparisons with November 1998)

Ice cream, Regular (hard) --- 59.5 million gallons, up 15.6 percent.

Ice cream, Lowfat (total) --- 25.6 million gallons, up 3.6 percent.

Ice cream, Nonfat (hard) --- 2.04 million gallons, down 17.8 percent.

Sherbet (hard) --- 3.45 million gallons, up 11.3 percent.

Frozen Yogurt (total) --- 4.80 million gallons, down 17.7 percent.

Dry milk products: (comparisons with November 1998)

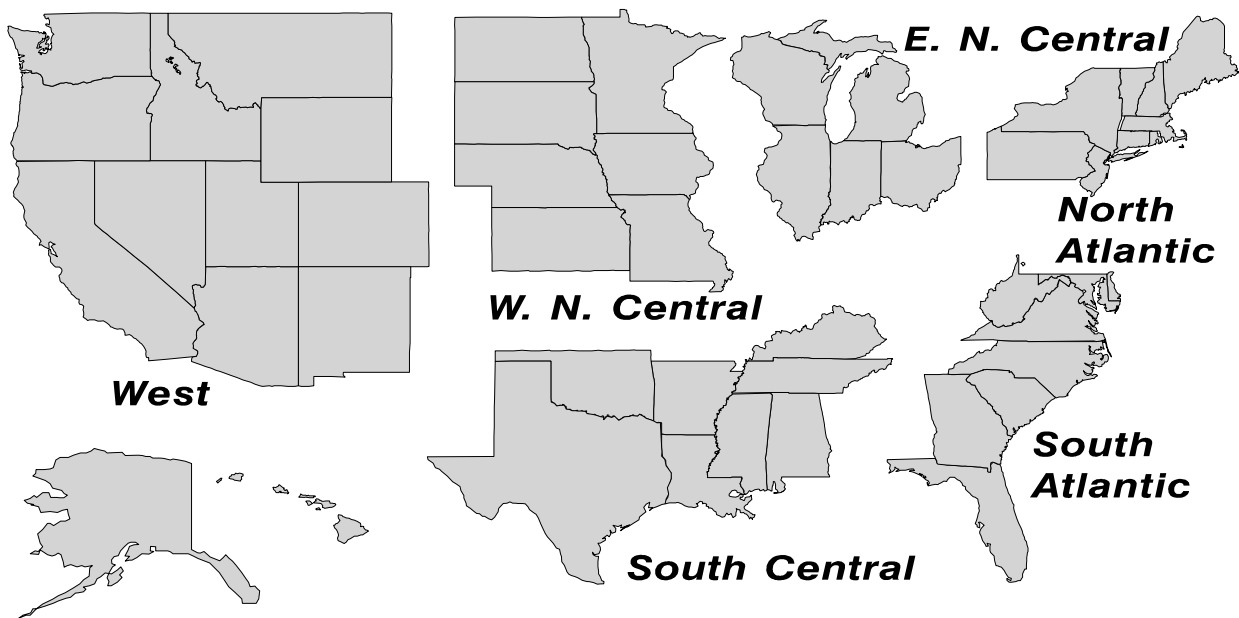
Nonfat dry milk for human food --- 100 million pounds, up 36.0 percent.

Dry whole milk --- 10.2 million pounds, down 5.5 percent.

Dry buttermilk --- 3.99 million pounds, up 2.1 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, November, 1998-99**

Product	Nov 1998	Oct 1999 ¹	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	91,128	93,020	90,364	-0.8	-2.9
Cheese					
American Types ²	270,560	295,828	288,264	6.5	-2.6
Cheddar	215,065	232,579	222,673	3.5	-4.3
Swiss	14,130	17,188	16,042	13.5	-6.7
Brick and Muenster	8,583	6,530	7,916	-7.8	21.2
Cream and Neufchatel	60,369	64,263	64,679	7.1	0.6
Blue	3,568	4,752	4,500	26.1	-5.3
Hispanic	6,550	7,426	7,054	7.7	-5.0
Mozzarella	206,800	212,709	231,970	12.2	9.1
Other Italian Types	55,754	54,679	58,480	4.9	7.0
Total Italian Types	262,554	267,388	290,450	10.6	8.6
All Other Types	10,268	10,399	10,757	4.8	3.4
Total	636,582	673,774	689,662	8.3	2.4
Cottage Cheese, Curd ³	36,230	38,470	36,153	-0.2	-6.0
Cottage Cheese, Cream ⁴	28,004	29,149	28,640	2.3	-1.7
Cottage Cheese, Lowfat ⁵	28,058	29,251	27,190	-3.1	-7.0
Canned Evaporated and Condensed Whole Milk	47,420	43,858	42,620	-10.1	-2.8
Dry Whole Milk	10,839	9,963	10,246	-5.5	2.8
Nonfat Dry Milk, Human	73,851	103,045	100,464	36.0	-2.5
Dry Skim Milk, Animal	270	410	434	60.7	5.9
Dry Buttermilk	3,905	4,053	3,988	2.1	-1.6
Yogurt, Plain & Flavored	115,937	134,007	127,824	10.3	-4.6
	<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	51,471	62,609	59,491	15.6	-5.0
Ice Cream, Lowfat, Hard	6,724	7,454	6,254	-7.0	-16.1
Ice Cream, Lowfat, Soft	18,015	20,397	19,378	7.6	-5.0
Ice Cream, Lowfat, Total	24,739	27,851	25,632	3.6	-8.0
Ice Cream, Nonfat, Hard	2,483	2,598	2,042	-17.8	-21.4
Sherbet, Hard	3,102	3,446	3,452	11.3	0.2
Water and Juice Ices	3,363	4,534	3,338	-0.7	-26.4
Frozen Yogurt, Total	5,829	5,631	4,798	-17.7	-14.8
Regular & Lowfat, Hard	1,991	2,024	1,886	-5.3	-6.8
Nonfat, Hard	1,413	1,305	1,208	-14.5	-7.4
Other Frozen Dairy Products	1,078	1,326	1,117	3.6	-15.8
Mix for Frozen Products					
Ice Cream Mix	29,008	36,333	32,759	12.9	-9.8
Ice Cream, Lowfat, Mix	13,996	15,194	14,240	1.7	-6.3
Ice Cream, Nonfat, Mix	1,469	1,511	1,305	-11.2	-13.6
Sherbet Mix	2,208	2,421	2,318	5.0	-4.3
Yogurt Mix	3,689	3,564	3,037	-17.7	-14.8

¹ Revised.

² Includes Cheddar, Colby, Monterey, and Jack.

³ Mostly used for processing into cream or lowfat cottage cheese.

⁴ Fat content 4 percent or more.

⁵ Fat content less than 4 percent.

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

Product	Nov 1998	Oct 1999 ¹	Nov 1999	Change From	
				Nov 1998	Oct 1999
Production					
	<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 ²					
Sweet-Type, Human	4,308	5,755	8,896	106.5	54.6
Sweet-Type, Animal	1,213	1,047	1,041	-14.2	-0.6
Dry Whey Products					
Dry Whey, Human	85,466	86,509	91,849	7.5	6.2
Dry Whey, Animal	6,619	6,071	5,649	-14.7	-7.0
Reduced Lactose and Minerals					
Human Food	6,499	7,911	8,491	30.7	7.3
Animal Feed	2,520	3,027	3,055	21.2	0.9
Lactose, Human and Animal	39,667	38,999	41,042	3.5	5.2
Whey					
Solids in Wet Blends, Animal	3,074	3,100	3,345	8.8	7.9
Protein Concentrate, Human	20,396	27,544	29,173	43.0	5.9
Protein Concentrate, Animal	3,500	3,496	3,402	-2.8	-2.7
Manufacturers' Stocks End-of-Month ³					
	<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	32,608	43,546	46,548	42.8	6.9
Dry Whey, Animal	4,500	9,283	9,561	112.5	3.0
Reduced Lactose and Minerals					
Human and Animal ⁴	10,445	10,729	10,774	3.1	0.4
Lactose, Human and Animal	28,385	20,650	18,809	-33.7	-8.9
Whey Protein Concentrate, Human	13,436	17,523	18,913	40.8	7.9
Whey Protein Concentrate, Animal	2,632	1,480	1,664	-36.8	12.4
Manufacturers' Selling Price ⁵					
	<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	23.1	17.5	16.6	-6.5	-0.9

¹ Revised.

² Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products.

³ Stocks held by manufacturers at all points and in transit.

⁴ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁵ 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 ¹**

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>
Total Cheese						
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	673,774	6.6	6,196,832	6,569,140	6.0
Nov	636,582	689,662	8.3	6,833,414	7,258,802	6.2
Dec	668,489			7,501,903		
American Cheese						
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	295,828	10.9	2,755,161	2,991,220	8.6
Nov	270,560	288,264	6.5	3,025,721	3,279,484	8.4
Dec	300,115			3,325,836		
Cheddar Cheese						
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	232,579	13.2	2,189,175	2,372,696	8.4
Nov	215,065	222,673	3.5	2,404,240	2,595,369	7.9
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, 1998-99¹ (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>
Italian Cheese						
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	267,388	4.6	2,471,401	2,589,462	4.8
Nov	262,554	290,450	10.6	2,733,955	2,879,912	5.3
Dec	267,151			3,001,106		
Mozzarella Cheese						
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	212,709	6.2	1,946,501	2,085,787	7.2
Nov	206,800	231,970	12.2	2,153,301	2,317,757	7.6
Dec	210,868			2,364,169		
Other Italian						
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	54,679	-1.4	524,900	503,675	-4.0
Nov	55,754	58,480	4.9	580,654	562,155	-3.2
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 ¹ (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	93,020	5.1	884,431	959,261	8.5
Nov	91,128	90,364	-0.8	975,559	1,049,625	7.6
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	103,045	37.3	950,669	1,147,683	20.7
Nov	73,851	100,464	36.0	1,024,520	1,248,147	21.8
Dec	110,863			1,135,383		
Total Dry Whey ²						
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	92,580	2.0	985,921	972,642	-1.3
Nov	92,085	97,498	5.9	1,078,006	1,070,140	-0.7
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, 1998-99¹ (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	28,640	2.3	338,057	329,481	-2.5
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	27,190	-3.1	334,746	332,011	-0.8
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	62,609	-3.4	758,609	736,665	-2.9
Nov	51,471	59,491	15.6	810,080	796,156	-1.7
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 ¹ (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>
Ice Cream, Lowfat						
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	27,851	-4.2	358,668	336,494	-6.2
Nov	24,739	25,632	3.6	383,407	362,126	-5.6
Dec	25,911			409,318		
Ice Cream, NF, Hard						
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	2,598	-10.9	33,922	28,616	-15.6
Nov	2,483	2,042	-17.8	36,405	30,658	-15.8
Dec	2,379			38,784		
Sherbet, Hard						
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	3,446	-2.8	44,564	44,862	0.7
Nov	3,102	3,452	11.3	47,666	48,314	1.4
Dec	3,368			51,034		
Frozen Yogurt						
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	5,631	-17.0	76,192	76,823	0.8
Nov	5,829	4,798	-17.7	82,021	81,621	-0.5
Dec	5,756			87,777		

¹ October 1999 data revised.

² Excludes all modified dry whey products.

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

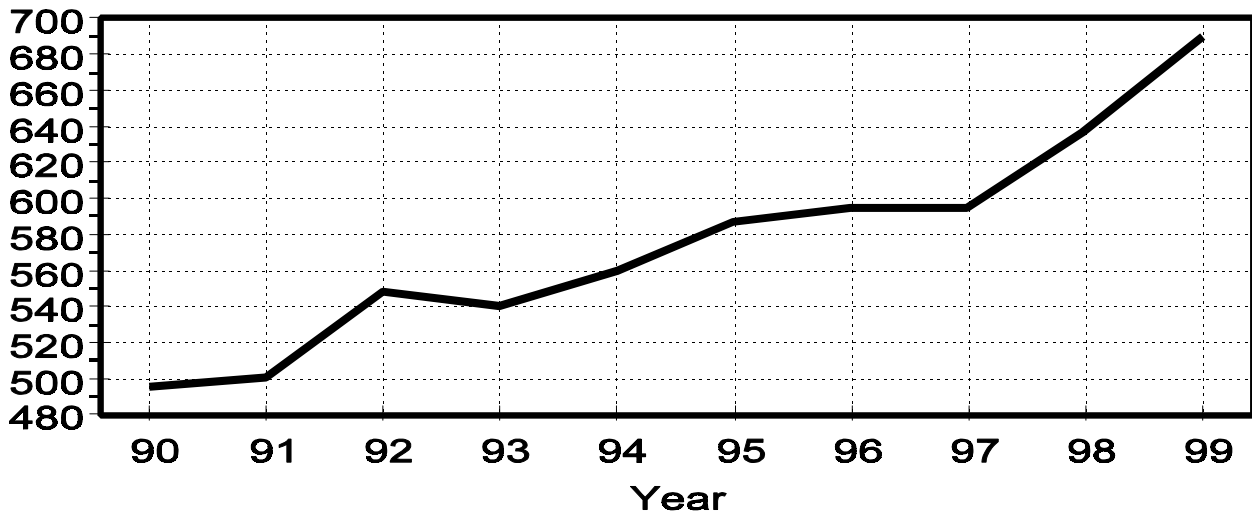
State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	110,077	126,020	123,744	12.4	-1.8
ID	45,770	50,397	50,971	11.4	1.1
IL	7,204	5,912	6,493	-9.9	9.8
IA	19,630	21,959	19,208	-2.1	-12.5
MA	86	70	69	-19.8	-1.4
MN	47,519	57,667	54,185	14.0	-6.0
MO	14,530	14,031	14,858	2.3	5.9
NE	10,303				
NY	52,407	58,270	57,903	10.5	-0.6
ND	1,269	1,418	1,417	11.7	-0.1
OH	9,286	10,617	10,023	7.9	-5.6
PA	29,012	30,078	34,414	18.6	14.4
SD	11,235	11,879	11,978	6.6	0.8
UT	5,170	6,384	6,350	22.8	-0.5
WA	15,096	12,918	13,817	-8.5	7.0
WI	178,740	182,172	182,136	1.9	
Oth Sts ²	79,248	83,982	102,096		21.6
US	636,582	673,774	689,662	8.3	2.4
N Atlantic	94,622	102,631	106,402	12.4	3.7
S Atlantic	2,905	3,890	4,939	70.0	27.0
E N Central	205,851	209,939	212,965	3.5	1.4
W N Central	104,547	113,989	110,729	5.9	-2.9
S Central	3,722	3,946	3,540	-4.9	-10.3
West	224,935	239,379	251,087	11.6	4.9

¹ Revised.

² 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.

November Total Cheese Production United States

Million Pounds



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

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,356	47,303	46,590	10.0	-1.5
ID	40,696	44,580	42,930	5.5	-3.7
IA	8,702	10,022	7,582	-12.9	-24.3
MN	44,215	54,884	51,050	15.5	-7.0
NY		7,226	7,874		9.0
ND	1,269	1,418	1,417	11.7	-0.1
OH	2,632	2,539	2,719	3.3	7.1
OR	4,529	5,375	5,093	12.5	-5.2
SD	4,774	5,553	5,191	8.7	-6.5
UT	2,392	3,107	3,008	25.8	-3.2
WA	10,558	10,736	11,262	6.7	4.9
WI	77,123	79,300	77,800	0.9	-1.9
Oth Sts ²	31,314	23,785	25,748		8.3
US	270,560	295,828	288,264	6.5	-2.6
Atlantic	11,671	11,975	13,228	13.3	10.5
E N Central	81,072	83,345	82,207	1.4	-1.4
W N Central	62,060	74,415	67,773	9.2	-8.9
S Central	3,383	3,538	3,134	-7.4	-11.4
West	112,374	122,555	121,922	8.5	-0.5

¹ Revised.

² 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, November 1998-99

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	31,157	32,586	30,849	-1.0	-5.3
ID	25,607	29,529	25,827	0.9	-12.5
MN	42,527	51,197	47,275	11.2	-7.7
NY	6,858	7,131	7,691	12.1	7.9
WI	62,435	64,100	61,500	-1.5	-4.1
Oth Sts ²	46,481	48,036	49,531	6.6	3.1
US	215,065	232,579	222,673	3.5	-4.3
Atlantic	11,199	11,383	12,642	12.9	11.1
E N Cen	64,225	65,970	63,288	-1.5	-4.1
W N Cen	51,668	61,709	57,430	11.2	-6.9
S Cen	3,383	3,538	3,131	-7.4	-11.5
West	84,590	89,979	86,182	1.9	-4.2

¹ Revised.

² 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, November 1998-99

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	49,493	60,131	58,976	19.2	-1.9
ID	315	914	2,898	820.0	217.1
NY	17,287	19,324	17,816	3.1	-7.8
WI	52,199	53,500	53,800	3.1	0.6
Oth Sts ²	87,506	78,840	98,480	12.5	24.9
US	206,800	212,709	231,970	12.2	9.1
Atlantic	38,911	43,441	44,653	14.8	2.8
E N Central	62,714	63,383	66,284	5.7	4.6
W N Central	19,773	16,900	19,684	-0.5	16.5
West	85,402	88,985	101,349	18.7	13.9

¹ Revised.

² 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, November 1998-99

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	18,808	19,603	20,128	7.0	2.7
MN	6,131	4,784	4,884	-20.3	2.1
NY	1,527	1,940	1,563	2.4	-19.4
ND	334	331	375	12.3	13.3
OR	2,213	2,100	2,370	7.1	12.9
PA	7,223	8,090	9,405	30.2	16.3
WA	5,134	12,475	7,380	43.7	-40.8
WI	27,155	23,800	25,100	-7.6	5.5
Oth Sts ²	22,603	19,897	19,159	-15.2	-3.7
US	91,128	93,020	90,364	-0.8	-2.9
Atlantic	14,714	13,944	15,116	2.7	8.4
E N Central	32,782	27,031	28,459	-13.2	5.3
W N Central	11,689	8,795	8,927	-23.6	1.5
S Central	4,407	7,216	6,270	42.3	-13.1
West	27,536	36,034	31,592	14.7	-12.3

¹ Revised.

² 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, November 1998-99**

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	39,468	50,883	54,618	38.4	7.3
MN & WI	1,713	1,332	1,831	6.9	37.5
NM	1,114	994	1,282	15.1	29.0
ND	42		29	-31.0	
PA	3,542	7,087	4,926	39.1	-30.5
WA	9,684	15,100	10,856	12.1	-28.1
Oth Sts ²	18,288	27,649	26,922	47.2	-2.6
US	73,851	103,045	100,464	36.0	-2.5
Atlantic	8,543	16,631	13,129	53.7	-21.1
E N Central	2,759	3,573	5,052	83.1	41.4
W N Central	6,613	8,141	8,561	29.5	5.2
S Central	2,111	1,484	1,532	-27.4	3.2
West	53,825	73,216	72,190	34.1	-1.4

¹ Revised.

² 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, November 1998-99**

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	10,174	9,413	9,520	-6.4	1.1
MN	7,002	6,562	6,421	-8.3	-2.1
NY	8,830	9,734	9,234	4.6	-5.1
PA	8,218	7,014	8,126	-1.1	15.9
UT	1,616	2,058	2,003	23.9	-2.7
WA	8,502	7,636	13,197	55.2	72.8
WI	21,797	22,400	20,280	-7.0	-9.5
Oth Sts ²	19,327	21,692	23,068	19.4	6.3
US	85,466	86,509	91,849	7.5	6.2
Atlantic	17,048	16,748	17,360	1.8	3.7
Central	37,273	37,814	35,394	-5.0	-6.4
West	31,145	31,947	39,095	25.5	22.4

¹ Revised.

² 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, November 1998-99**

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	7,565	8,640	8,990	18.8	4.1
WI	7,105	7,892	8,774	23.5	11.2
Oth Sts ²	24,997	22,467	23,278	-6.9	3.6
US	39,667	38,999	41,042	3.5	5.2
E N Central	8,228	8,916	9,769	18.7	9.6
W N Central	13,003	13,854	14,856	14.3	7.2
West	16,516	15,124	15,585	-5.6	3.0

¹ Revised.

² 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, November 1998-99**

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	5,408	7,769	7,171	32.6	-7.7
MN	4,415	4,263	4,030	-8.7	-5.5
WI	1,999	4,789	4,542	127.2	-5.2
Oth Sts ²	8,574	10,723	13,430	56.6	25.2
US	20,396	27,544	29,173	43.0	5.9

¹ Revised.

² 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, November 1998-99

State	Nov 1998	Oct ¹ 1999	Nov 1999	Change From	
				Nov 1998	Oct 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	6,318	8,368	8,633	36.6	3.2
FL	1,744	1,770	1,550	-11.1	-12.4
GA	462	452	500	8.2	10.6
IL	2,156	2,735	2,220	3.0	-18.8
IN	4,538	5,550	3,554	-21.7	-36.0
ME	96	125	95	-1.0	-24.0
MD	993	1,372	992	-0.1	-27.7
MA	2,300	2,693	4,217	83.3	56.6
MI	1,122	1,450	1,028	-8.4	-29.1
MN	2,621	3,163	3,076	17.4	-2.8
NH	27				
NM	401	219	219	-45.4	
NY	1,563	2,400	2,100	34.4	-12.5
NC	1,102	1,276	1,033	-6.3	-19.0
ND	81	98	125	54.3	27.6
OH	2,385	2,180	2,192	-8.1	0.6
OR	553	790	700	26.6	-11.4
PA	2,574	3,513	3,921	52.3	11.6
SD	2	2	2		
TN	875	937	890	1.7	-5.0
TX	3,484	4,316	5,971	71.4	38.3
UT	877	996	913	4.1	-8.3
WA	1,010	1,515	1,095	8.4	-27.7
WI	506	680	600	18.6	-11.8
Oth Sts ²	13,681	16,009	13,865		-13.4
US	51,471	62,609	59,491	15.6	-5.0
N Atlantic	8,811	10,565	12,202	38.5	15.5
S Atlantic	5,598	7,071	5,757	2.8	-18.6
E N Central	10,707	12,595	9,594	-10.4	-23.8
W N Central	7,806	8,662	8,216	5.3	-5.1
S Central	7,018	8,356	9,657	37.6	15.6
West	11,531	15,360	14,065	22.0	-8.4

¹ Revised.

² 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, November, 1998-99**

Product	Nov 1998	Oct 1999 ¹	Nov 1999	Change From	
				Nov 1998	Oct 1999
Manufacturers' Shipments ²					
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Dry Whole Milk	8,464	8,509	8,900	5.2	4.6
Nonfat Dry Milk, Human	65,369	101,212	107,869	65.0	6.6
Dry Skim Milk, Animal	276	432	432	56.5	
Dry Buttermilk, Human	1,998	3,026	2,424	21.3	-19.9
Manufacturers' Stocks End-of-Month ³					
	<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	38,135	40,032	40,804	7.0	1.9
Dry Whole Milk	6,072	5,450	5,756	-5.2	5.6
Nonfat Dry Milk, Human	43,728	83,968	83,034	89.9	-1.1
Dry Skim Milk, Animal	1,022	1,043	987	-3.4	-5.4
Dry Buttermilk, Total	3,350	5,206	5,751	71.7	10.5
Manufacturers' Selling Price ⁴					
	<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	150.23	135.89	125.84	-24.39	-10.05
Dry Skim Milk, Animal	60.44	51.94	55.07	-5.37	3.13
Dry Buttermilk, Human	109.11	74.44	76.73	-32.38	2.29

¹ Revised.

² For dry products, shipments of bulk goods only.

³ Stocks held by manufacturers at all points and in transit.

⁴ 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 February 3, 2000.

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