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August 1999 Highlights

American type cheese production totaled 295 million pounds, 12.9 percent above August 1998 but 2.9 percent below July 1999.

Total cheese output (excluding cottage cheese) was 646 million pounds, 8.0 percent above August 1998 but 1.0 percent below July 1999.

Cream cottage cheese production was 32.3 million pounds, 0.5 percent above August 1998 and 2.4 percent above July 1999.

Lowfat cottage cheese production was 32.1 million pounds, 6.2 percent above August 1998 and 1.5 percent above July 1999.

Butter production was 66.8 million pounds in August, 4.0 percent above August 1998 but 11.8 percent below July 1999.

Frozen dessert: (comparisons with August 1998)

Ice cream, Regular (hard) --- 81.0 million gallons, up 5.1 percent.

Ice cream, Lowfat (total) --- 40.4 million gallons, up 1.6 percent.

Ice cream, Nonfat (hard) --- 3.32 million gallons, down 2.1 percent.

Sherbet (hard) --- 5.11 million gallons, up 1.8 percent.

Frozen Yogurt (total) --- 7.69 million gallons, up 1.4 percent.

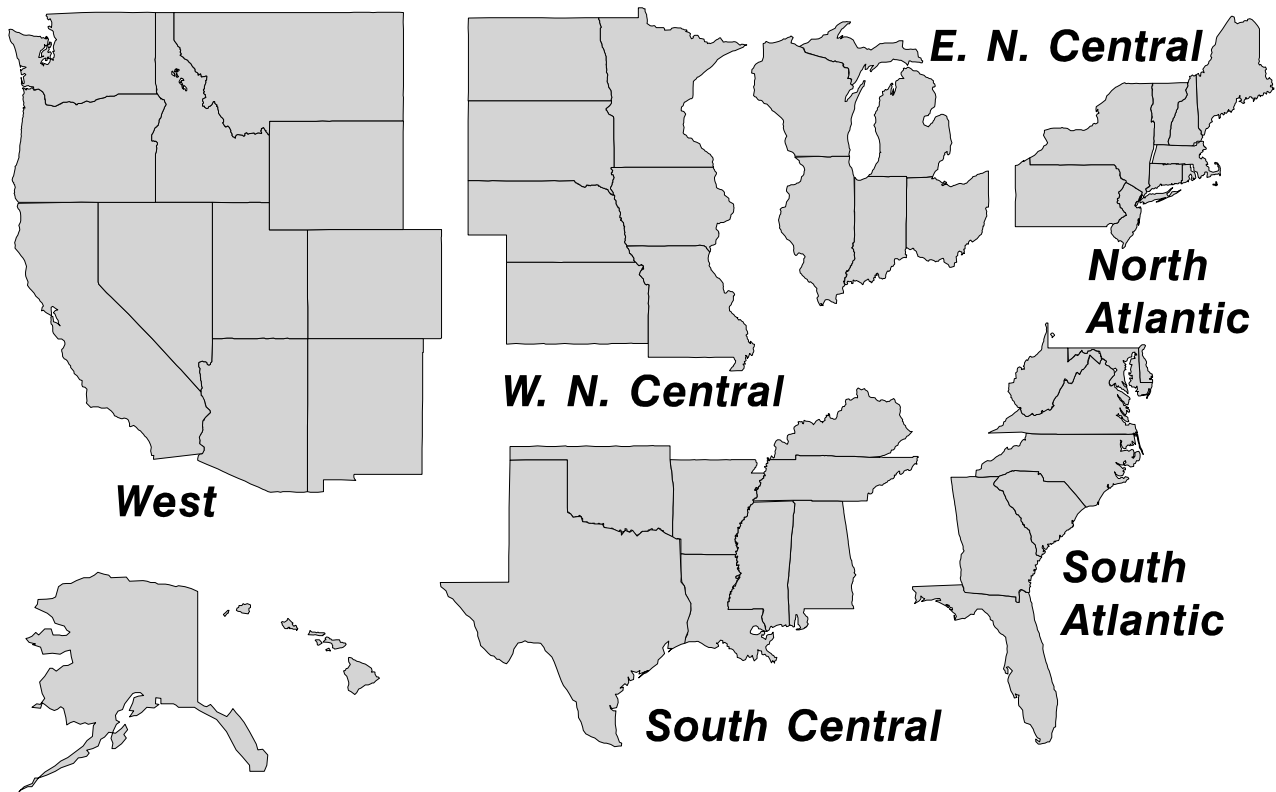
Dry milk products: (comparisons with August 1998)

Nonfat dry milk for human food --- 96.0 million pounds, up 21.8 percent.

Dry whole milk --- 9.82 million pounds, down 22.5 percent.

Dry buttermilk --- 2.43 million pounds, down 15.7 percent.

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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, August, 1998-99**

Product	Aug 1998	Jul 1999 ¹	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	64,254	75,750	66,805	4.0	-11.8
Cheese					
American Types ²	261,310	303,910	294,955	12.9	-2.9
Cheddar	206,666	237,493	229,785	11.2	-3.2
Swiss	17,680	16,805	17,302	-2.1	3.0
Brick and Muenster	7,716	6,928	6,935	-10.1	0.1
Cream and Neufchatel	50,494	48,470	52,451	3.9	8.2
Blue	3,754	4,264	4,398	17.2	3.1
Hispanic	5,917	6,887	7,311	23.6	6.2
Mozzarella	190,823	209,928	204,297	7.1	-2.7
Other Italian Types	50,227	45,219	47,377	-5.7	4.8
Total Italian Types	241,050	255,147	251,674	4.4	-1.4
All Other Types	10,723	10,619	11,426	6.6	7.6
Total	598,644	653,030	646,452	8.0	-1.0
Cottage Cheese, Curd ³	40,151	40,103	39,813	-0.8	-0.7
Cottage Cheese, Cream ⁴	32,138	31,545	32,301	0.5	2.4
Cottage Cheese, Lowfat ⁵	30,179	31,596	32,060	6.2	1.5
Canned Evaporated and					
Condensed Whole Milk	38,009	38,244	42,806	12.6	11.9
Dry Whole Milk	12,673	8,957	9,816	-22.5	9.6
Nonfat Dry Milk, Human	78,842	98,939	95,993	21.8	-3.0
Dry Skim Milk, Animal	393	364	445	13.2	22.3
Dry Buttermilk	2,882	2,507	2,429	-15.7	-3.1
Yogurt, Plain & Flavored	131,065	132,155	149,155	13.8	12.9
	<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	77,070	84,750	80,985	5.1	-4.4
Ice Cream, Lowfat, Hard	8,916	9,148	8,139	-8.7	-11.0
Ice Cream, Lowfat, Soft	30,846	34,562	32,272	4.6	-6.6
Ice Cream, Lowfat, Total	39,762	43,710	40,411	1.6	-7.5
Ice Cream, Nonfat, Hard	3,388	3,379	3,316	-2.1	-1.9
Sherbet, Hard	5,017	5,270	5,108	1.8	-3.1
Water and Juice Ices	7,215	9,678	8,617	19.4	-11.0
Frozen Yogurt, Total	7,584	8,091	7,690	1.4	-5.0
Regular & Lowfat, Hard	2,746	2,916	2,714	-1.2	-6.9
Nonfat, Hard	2,190	1,816	1,640	-25.1	-9.7
Other Frozen Dairy					
Products	1,082	1,187	1,112	2.8	-6.3
Mix for Frozen Products					
Ice Cream Mix	43,482	48,938	45,849	5.4	-6.3
Ice Cream, Lowfat, Mix	22,533	23,941	22,146	-1.7	-7.5
Ice Cream, Nonfat, Mix	2,088	2,103	2,045	-2.1	-2.8
Sherbet Mix	3,517	3,750	3,547	0.9	-5.4
Yogurt Mix	4,800	5,121	4,867	1.4	-5.0

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, August, 1998-99**

Product	Aug 1998	Jul 1999 ¹	Aug 1999	Change From	
				Aug 1998	Jul 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	7,892	7,858	8,509	7.8	8.3
Sweet-Type, Animal	1,762	1,505	1,947	10.5	29.4
Dry Whey Products					
Dry Whey, Human	92,607	89,073	84,298	-9.0	-5.4
Dry Whey, Animal	6,614	9,105	8,599	30.0	-5.6
Reduced Lactose and Minerals					
Human Food	5,747	6,528	6,381	11.0	-2.3
Animal Feed	3,006	2,811	2,698	-10.2	-4.0
Lactose, Human and Animal	39,098	38,468	38,746	-0.9	0.7
Whey					
Solids in Wet Blends, Animal	3,736	2,449	2,300	-38.4	-6.1
Protein Concentrate, Human	20,808	26,913	28,114	35.1	4.5
Protein Concentrate, Animal	3,485	3,586	3,482	-0.1	-2.9
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>
Dry Whey Products					
Dry Whey, Human	37,637	50,071	45,089	19.8	-9.9
Dry Whey, Animal	3,755	9,423	8,440	124.8	-10.4
Reduced Lactose and Minerals					
Human and Animal ⁴	12,106	13,709	12,828	6.0	-6.4
Lactose, Human and Animal	31,050	19,959	18,040	-41.9	-9.6
Whey Protein Concentrate, Human	11,877	16,979	17,978	51.4	5.9
Whey Protein Concentrate, Animal	1,066	1,548	1,339	25.6	-13.5
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	25.4	16.2	16.5	-8.9	0.3

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	646,452	8.0	4,980,583	5,252,062	5.5
Sep	584,112			5,564,695		
Oct	632,137			6,196,832		
Nov	636,582			6,833,414		
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	294,955	12.9	2,243,408	2,412,273	7.5
Sep	244,913			2,488,321		
Oct	266,840			2,755,161		
Nov	270,560			3,025,721		
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	229,785	11.2	1,794,227	1,919,086	7.0
Sep	189,518			1,983,745		
Oct	205,430			2,189,175		
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 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>
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	251,674	4.4	1,982,102	2,066,707	4.3
Sep	233,550			2,215,652		
Oct	255,749			2,471,401		
Nov	262,554			2,733,955		
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	204,297	7.1	1,560,981	1,665,947	6.7
Sep	185,248			1,746,229		
Oct	200,272			1,946,501		
Nov	206,800			2,153,301		
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	47,377	-5.7	421,121	400,760	-4.8
Sep	48,302			469,423		
Oct	55,477			524,900		
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 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	66,805	4.0	727,716	788,214	8.3
Sep	68,218			795,934		
Oct	88,497			884,431		
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	95,993	21.8	813,324	950,562	16.9
Sep	62,306			875,630		
Oct	75,039			950,669		
Nov	73,851			1,024,520		
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	92,897	-6.4	805,587	782,792	-2.8
Sep	89,558			895,145		
Oct	90,776			985,921		
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 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>
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	32,301	0.5	247,773	240,523	-2.9
Sep	31,842			279,615		
Oct	30,438			310,053		
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	32,060	6.2	243,544	244,082	0.2
Sep	32,896			276,440		
Oct	30,248			306,688		
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	80,985	5.1	620,914	602,676	-2.9
Sep	72,851			693,765		
Oct	64,844			758,609		
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 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	40,411	1.6	295,006	276,252	-6.4
Sep	34,602			329,608		
Oct	29,060			358,668		
Nov	24,739			383,407		
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	3,316	-2.1	27,878	22,764	-18.3
Sep	3,127			31,005		
Oct	2,917			33,922		
Nov	2,483			36,405		
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	5,108	1.8	37,004	37,171	0.5
Sep	4,013			41,017		
Oct	3,547			44,564		
Nov	3,102			47,666		
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	7,690	1.4	60,768	64,042	5.4
Sep	8,641			69,409		
Oct	6,783			76,192		
Nov	5,829			82,021		
Dec	5,756			87,777		

¹ July 1999 data revised.

² Excludes all modified dry whey products.

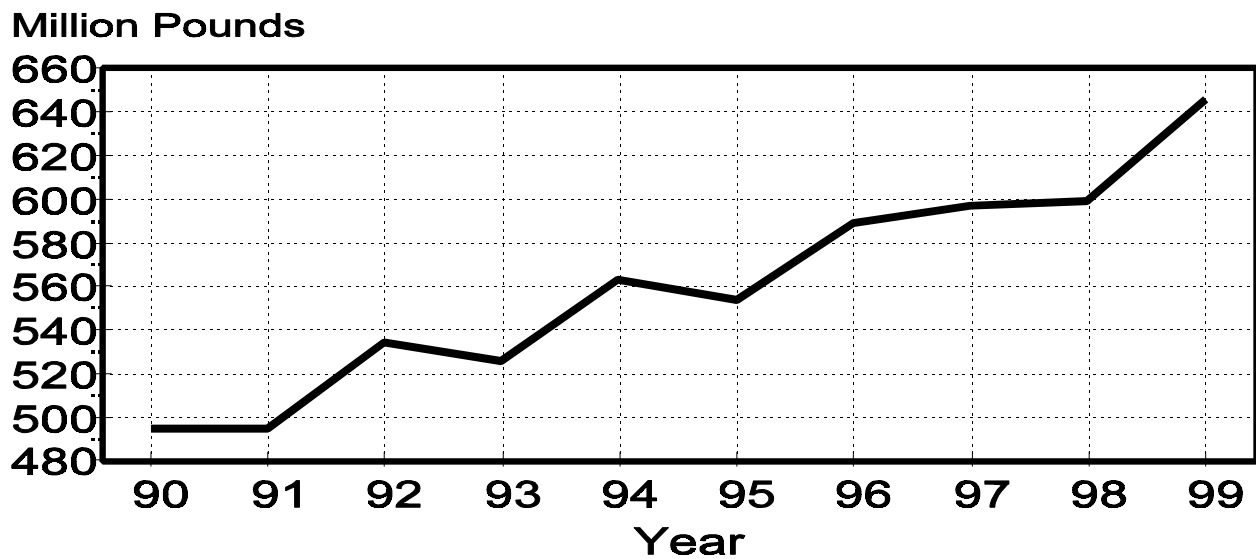
Total Cheese, Excluding Cottage Cheese: Production by State and United States, August 1998-99

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	97,919	123,143	123,815	26.4	0.5
ID	42,647	47,311	47,209	10.7	-0.2
IL	9,695	7,060	7,117	-26.6	0.8
IA	19,356	20,622	19,941	3.0	-3.3
MA	89	55	70	-21.3	27.3
MN	48,808	52,292	51,598	5.7	-1.3
MO	12,228	10,508	11,401	-6.8	8.5
NE	8,221			-1.3	
NY	49,952	55,908	54,500	9.1	-2.5
ND	1,388	1,756	1,244	-10.4	-29.2
OH	9,533	10,911	10,390	9.0	-4.8
PA	28,809	27,838	30,741	6.7	10.4
SD	10,196	11,050	10,257	0.6	-7.2
UT	5,480	6,824	6,734	22.9	-1.3
WA	14,639	11,920	10,515	-28.2	-11.8
WI	171,688	177,019	178,856	4.2	1.0
Oth Sts ²	67,996	88,813	82,064		-7.6
US	598,644	653,030	646,452	8.0	-1.0
N Atlantic	92,008	97,435	99,031	7.6	1.6
S Atlantic	2,279	4,235	4,006	75.8	-5.4
E N Central	203,628	208,735	207,733	2.0	-0.5
W N Central	100,433	103,712	102,557	2.1	-1.1
S Central	5,828	3,632	3,955	-32.1	8.9
West	194,468	235,281	229,170	17.8	-2.6

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.

August Total Cheese Production United States



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

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	38,611	54,080	59,000	52.8	9.1
ID	39,534	43,201	43,617	10.3	1.0
IA	8,334	9,530	9,159	9.9	-3.9
MN	44,945	50,515	47,983	6.8	-5.0
NY		8,329	7,455		-10.5
ND	1,388	1,756	1,244	-10.4	-29.2
OH	2,534	2,977	2,490	-1.7	-16.4
OR	4,566	4,860	5,162	13.1	6.2
SD	4,327	5,731	5,122	18.4	-10.6
UT	2,602	3,855	3,650	40.3	-5.3
WA	9,896	9,949	8,528	-13.8	-14.3
WI	74,816	81,100	78,020	4.3	-3.8
Oth Sts ²	29,757	28,027	23,525		-16.1
US	261,310	303,910	294,955	12.9	-2.9
Atlantic	11,882	13,714	12,714	7.0	-7.3
E N Central	78,721	85,971	82,310	4.6	-4.3
W N Central	61,702	70,525	66,012	7.0	-6.4
S Central	5,424	3,468	3,503	-35.4	1.0
West	103,581	130,232	130,416	25.9	0.1

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, August 1998-99

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	26,350	38,399	44,354	68.3	15.5
ID	25,933	28,120	28,007	8.0	-0.4
MN	43,365	47,103	44,736	3.2	-5.0
NY	6,659	8,231	7,348	10.3	-10.7
WI	60,245	65,200	62,400	3.6	-4.3
Oth Sts ²	44,114	50,440	42,940	-2.7	-14.9
US	206,666	237,493	229,785	11.2	-3.2
Atlantic	11,406	13,292	12,258	7.5	-7.8
E N Cen	61,816	67,131	64,104	3.7	-4.5
W N Cen	52,938	57,022	52,692	-0.5	-7.6
S Cen	5,424	3,468	3,503	-35.4	1.0
West	75,082	96,580	97,228	29.5	0.7

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, August 1998-99

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	44,868	54,856	52,565	17.2	-4.2
ID	295	491	276	-6.4	-43.8
NY	16,888	20,034	19,734	16.9	-1.5
WI	52,280	51,800	53,400	2.1	3.1
Oth Sts ²	76,492	82,747	78,322	2.4	-5.3
US	190,823	209,928	204,297	7.1	-2.7
Atlantic	39,650	44,765	44,441	12.1	-0.7
E N Central	65,049	64,139	63,326	-2.6	-1.3
W N Central	16,986	17,702	17,432	2.6	-1.5
West	69,138	83,322	79,098	14.4	-5.1

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, August 1998-99

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	12,667	9,897	14,784	16.7	49.4
MN	4,534	3,711	2,451	-45.9	-34.0
NY	1,532	2,909	1,206	-21.3	-58.5
ND	315	223	309	-1.9	38.6
OR	1,556	1,200	1,350	-13.2	12.5
PA	4,651	8,249	5,396	16.0	-34.6
WA	5,209	12,052	12,430	138.6	3.1
WI	20,810	17,800	16,200	-22.2	-9.0
Oth Sts ²	12,980	19,709	12,679	-2.3	-35.7
US	64,254	75,750	66,805	4.0	-11.8
N Atlantic	7,694	13,280	7,627	-0.9	-42.6
S Atlantic	642	332	297	-53.7	-10.5
E N Central	23,823	20,838	17,129	-28.1	-17.8
W N Central	9,945	8,954	5,956	-40.1	-33.5
S Central	2,381	7,138	5,076	113.2	-28.9
West	19,769	25,208	30,720	55.4	21.9

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.

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

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	37,247	49,652	50,693	36.1	2.1
MN & WI	1,343	1,450	1,112	-17.2	-23.3
NM	2,950	2,300	4,014	36.1	74.5
ND	26				
PA	4,884	5,683	7,091	45.2	24.8
WA	12,112	17,100	17,308	42.9	1.2
Oth Sts ²	20,280	22,754	15,775		-30.7
US	78,842	98,939	95,993	21.8	-3.0
Atlantic	9,807	11,558	11,960	22.0	3.5
E N Central	1,781	3,036	964	-45.9	-68.2
W N Central	6,388	6,506	4,538	-29.0	-30.2
S Central	6,440	4,763	4,636	-28.0	-2.7
West	54,426	73,076	73,895	35.8	1.1

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, August 1998-99**

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,687	9,436	9,811	1.3	4.0
MN	8,621	7,935	6,930	-19.6	-12.7
NY	9,159	9,932	10,103	10.3	1.7
PA	7,618	7,305	6,056	-20.5	-17.1
UT	1,708	1,891	1,865	9.2	-1.4
WA	8,169	5,700	6,800	-16.8	19.3
WI	24,978	23,800	20,650	-17.3	-13.2
Oth Sts ²	22,667	23,074	22,083	-2.6	-4.3
US	92,607	89,073	84,298	-9.0	-5.4
Atlantic	17,767	17,237	16,159	-9.1	-6.3
Central	43,580	41,845	36,559	-16.1	-12.6
West	31,260	29,991	31,580	1.0	5.3

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.

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

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	9,678	7,452	8,599	-11.1	15.4
WI	7,709	7,373	7,570	-1.8	2.7
Oth Sts ²	21,711	23,643	22,577	4.0	-4.5
US	39,098	38,468	38,746	-0.9	0.7
E N Central	8,770	8,383	8,640	-1.5	3.1
W N Central	15,007	12,945	14,216	-5.3	9.8
West	13,451	15,393	14,598	8.5	-5.2

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.

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

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	5,207	7,337	8,357	60.5	13.9
MN	4,230	3,953	4,336	2.5	9.7
WI	2,733	4,587	4,314	57.8	-6.0
Oth Sts ²	8,638	11,036	11,107	28.6	0.6
US	20,808	26,913	28,114	35.1	4.5

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.

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

State	Aug 1998	Jul ¹ 1999	Aug 1999	Change From	
				Aug 1998	Jul 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	10,424	12,310	10,958	5.1	-11.0
FL	1,970	1,600	1,700	-13.7	6.3
GA	608	785	628	3.3	-20.0
IL	3,429	3,150	3,150	-8.1	
IN	5,009	6,257	6,229	24.4	-0.4
ME	256	214	151	-41.0	-29.4
MD	1,618	1,894	1,619	0.1	-14.5
MA	5,484	6,714	6,093	11.1	-9.2
MI	2,407	2,025	2,170	-9.8	7.2
MN	3,178	3,967	4,215	32.6	6.3
NH	47			-10.6	
NM	401	219	219	-45.4	
NY	2,418	3,600	2,900	19.9	-19.4
NC	1,678	2,087	1,991	18.7	-4.6
ND	111	157	162	45.9	3.2
OH	3,494	3,300	3,100	-11.3	-6.1
OR	916	1,040	1,020	11.4	-1.9
PA	3,928	4,753	5,067	29.0	6.6
SD	3	3	2	-33.3	-33.3
TN	1,245	1,321	1,166	-6.3	-11.7
TX	4,390	5,704	5,461	24.4	-4.3
UT	1,053	1,012	1,005	-4.6	-0.7
WA	2,025	2,274	2,330	15.1	2.5
WI	766	827	870	13.6	5.2
Oth Sts ²	20,212	19,537	18,779		-3.9
US	77,070	84,750	80,985	5.1	-4.4
N Atlantic	15,988	17,599	16,575	3.7	-5.8
S Atlantic	8,175	9,141	8,483	3.8	-7.2
E N Central	15,105	15,559	15,519	2.7	-0.3
W N Central	10,390	10,759	10,457	0.6	-2.8
S Central	9,184	10,915	11,054	20.4	1.3
West	18,228	20,777	18,897	3.7	-9.0

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.

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

Product	Aug 1998	Jul 1999 ¹	Aug 1999	Change From	
				Aug 1998	Jul 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	9,489	9,213	7,251	-23.6	-21.3
Nonfat Dry Milk, Human	83,407	89,039	102,311	22.7	14.9
Dry Skim Milk, Animal	311	534	261	-16.1	-51.1
Dry Buttermilk, Human	2,090	3,420	2,163	3.5	-36.8
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	64,186	44,468	45,997	-28.3	3.4
Dry Whole Milk	6,682	7,141	6,184	-7.5	-13.4
Nonfat Dry Milk, Human	94,758	141,060	105,525	11.4	-25.2
Dry Skim Milk, Animal	1,328	1,947	2,001	50.7	2.8
Dry Buttermilk, Total	4,141	3,883	3,373	-18.5	-13.1
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	134.77	121.18	135.63	0.86	14.45
Dry Skim Milk, Animal	60.15	52.26	62.02	1.87	9.76
Dry Buttermilk, Human	100.14	70.46	74.32	-25.82	3.86

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 November 4, 1999.

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