



Dairy Products

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September 1999 Highlights

American type cheese production totaled 284 million pounds, 15.8 percent above September 1998 but 3.7 percent below August 1999.

Total cheese output (excluding cottage cheese) was 640 million pounds, 9.5 percent above September 1998 but 1.8 percent below August 1999.

Cream cottage cheese production was 31.2 million pounds, 1.9 percent below September 1998 and 3.0 percent below August 1999.

Lowfat cottage cheese production was 31.5 million pounds, 4.3 percent below September 1998 and 1.9 percent below August 1999.

Butter production was 78.8 million pounds in September, 15.5 percent above September 1998 and 19.2 percent above August 1999.

Frozen dessert: (comparisons with September 1998)

Ice cream, Regular (hard) --- 71.3 million gallons, down 2.1 percent.

Ice cream, Lowfat (total) --- 32.5 million gallons, down 6.2 percent.

Ice cream, Nonfat (hard) --- 3.23 million gallons, up 3.2 percent.

Sherbet (hard) --- 4.30 million gallons, up 7.2 percent.

Frozen Yogurt (total) --- 7.05 million gallons, down 18.5 percent.

Dry milk products: (comparisons with September 1998)

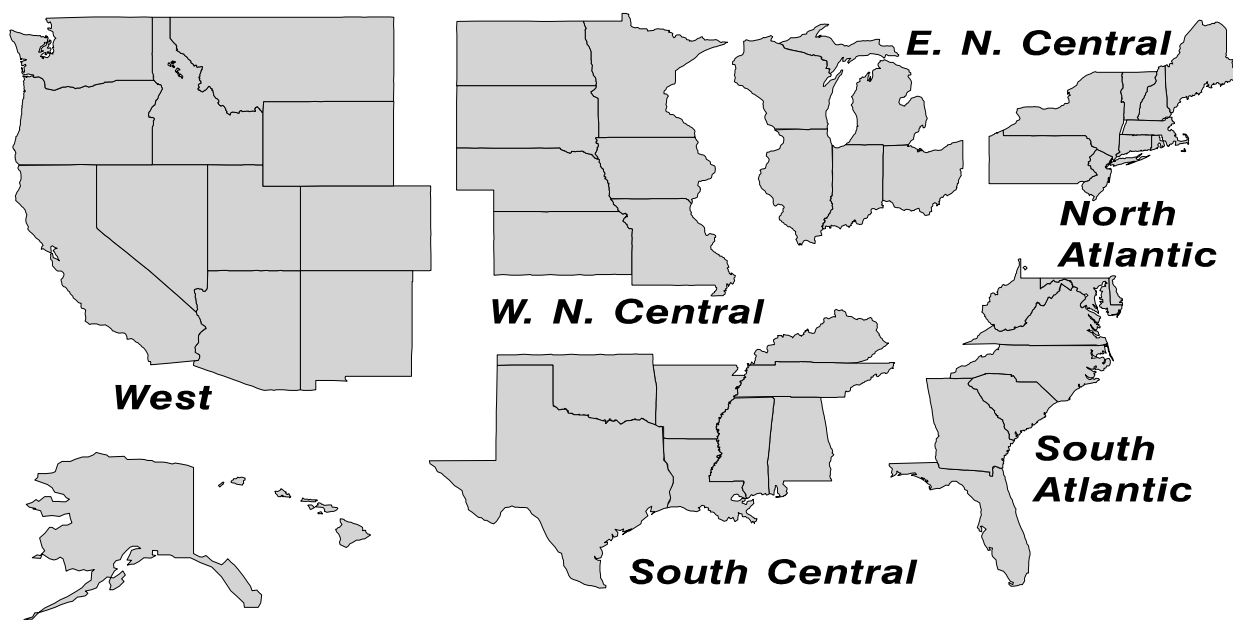
Nonfat dry milk for human food --- 88.9 million pounds, up 42.7 percent.

Dry whole milk --- 8.58 million pounds, down 24.7 percent.

Dry buttermilk --- 3.16 million pounds, up 23.0 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, September, 1998-99**

Product	Sep 1998	Aug 1999 ¹	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	68,218	66,059	78,773	15.5	19.2
Cheese					
American Types ²	244,913	294,471	283,651	15.8	-3.7
Cheddar	189,518	227,764	223,100	17.7	-2.0
Swiss	16,397	17,343	17,307	5.5	-0.2
Brick and Muenster	7,651	6,935	6,922	-9.5	-0.2
Cream and Neufchatel	59,994	52,451	57,305	-4.5	9.3
Blue	3,957	4,398	4,368	10.4	-0.7
Hispanic	6,291	7,246	7,741	23.0	6.8
Mozzarella	185,248	209,361	202,509	9.3	-3.3
Other Italian Types	48,302	47,097	48,181	-0.3	2.3
Total Italian Types	233,550	256,458	250,690	7.3	-2.2
All Other Types	11,359	12,043	11,693	2.9	-2.9
Total	584,112	651,345	639,677	9.5	-1.8
Cottage Cheese, Curd ³	41,018	39,770	39,983	-2.5	0.5
Cottage Cheese, Cream ⁴	31,842	32,224	31,246	-1.9	-3.0
Cottage Cheese, Lowfat ⁵	32,896	32,076	31,472	-4.3	-1.9
Canned Evaporated and Condensed Whole Milk	31,888	42,806	36,375	14.1	-15.0
Dry Whole Milk	11,391	10,499	8,576	-24.7	-18.3
Nonfat Dry Milk, Human	62,306	99,503	88,922	42.7	-10.6
Dry Skim Milk, Animal	321	387	389	21.2	0.5
Dry Buttermilk	2,566	2,735	3,155	23.0	15.4
Yogurt, Plain & Flavored	150,204	146,113	152,295	1.4	4.2
	<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	72,851	80,599	71,345	-2.1	-11.5
Ice Cream, Lowfat, Hard	8,758	8,276	8,293	-5.3	0.2
Ice Cream, Lowfat, Soft	25,844	32,045	24,160	-6.5	-24.6
Ice Cream, Lowfat, Total	34,602	40,321	32,453	-6.2	-19.5
Ice Cream, Nonfat, Hard	3,127	3,389	3,226	3.2	-4.8
Sherbet, Hard	4,013	5,081	4,301	7.2	-15.4
Water and Juice Ices	4,907	8,761	5,510	12.3	-37.1
Frozen Yogurt, Total	8,641	7,853	7,045	-18.5	-10.3
Regular & Lowfat, Hard	2,794	2,728	2,575	-7.8	-5.6
Nonfat, Hard	1,894	1,655	1,585	-16.3	-4.2
Other Frozen Dairy Products	1,439	1,112	1,271	-11.7	14.3
Mix for Frozen Products					
Ice Cream Mix	40,344	46,554	40,310	-0.1	-13.4
Ice Cream, Lowfat, Mix	19,484	22,091	17,719	-9.1	-19.8
Ice Cream, Nonfat, Mix	1,870	2,110	1,905	1.9	-9.7
Sherbet Mix	2,862	3,584	2,883	0.7	-19.6
Yogurt Mix	5,469	4,970	4,459	-18.5	-10.3

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, September, 1998-99**

Product	Sep 1998	Aug 1999 ¹	Sep 1999	Change From	
				Sep 1998	Aug 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	7,034	8,509	7,560	7.5	-11.2
Sweet-Type, Animal	1,782	1,479	1,406	-21.1	-4.9
Dry Whey Products					
Dry Whey, Human	83,103	85,175	88,553	6.6	4.0
Dry Whey, Animal	6,455	8,619	7,879	22.1	-8.6
Reduced Lactose and Minerals					
Human Food	5,971	6,381	6,086	1.9	-4.6
Animal Feed	2,680	2,698	2,925	9.1	8.4
Lactose, Human and Animal	36,748	42,562	44,089	20.0	3.6
Whey					
Solids in Wet Blends, Animal	2,828	2,300	2,852	0.8	24.0
Protein Concentrate, Human	19,806	28,114	25,731	29.9	-8.5
Protein Concentrate, Animal	2,820	3,482	3,578	26.9	2.8
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>
Dry Whey Products					
Dry Whey, Human	36,420	45,450	48,818	34.0	7.4
Dry Whey, Animal	3,681	8,381	8,527	131.6	1.7
Reduced Lactose and Minerals					
Human and Animal ⁴	12,182	12,803	12,709	4.3	-0.7
Lactose, Human and Animal	28,205	19,319	18,279	-35.2	-5.4
Whey Protein Concentrate, Human	10,938	17,978	17,645	61.3	-1.9
Whey Protein Concentrate, Animal	1,000	1,339	1,088	8.8	-18.7
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	26.7	16.5	17.9	-8.8	1.4

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	639,677	9.5	5,564,695	5,896,632	6.0
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	294,471	12.7	2,243,408	2,411,789	7.5
Sep	244,913	283,651	15.8	2,488,321	2,695,440	8.3
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	227,764	10.2	1,794,227	1,917,065	6.8
Sep	189,518	223,100	17.7	1,983,745	2,140,165	7.9
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, 1998-99¹ (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	250,690	7.3	2,215,652	2,322,181	4.8
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	209,361	9.7	1,560,981	1,671,011	7.0
Sep	185,248	202,509	9.3	1,746,229	1,873,520	7.3
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	47,097	-6.2	421,121	400,480	-4.9
Sep	48,302	48,181	-0.3	469,423	448,661	-4.4
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	66,059	2.8	727,716	787,468	8.2
Sep	68,218	78,773	15.5	795,934	866,241	8.8
Oct	88,497			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	99,503	26.2	813,324	954,072	17.3
Sep	62,306	88,922	42.7	875,630	1,042,994	19.1
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	93,794	-5.5	805,587	783,689	-2.7
Sep	89,558	96,432	7.7	895,145	880,121	-1.7
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, 1998-99¹ (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			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	32,076	6.3	243,544	244,098	0.2
Sep	32,896	31,472	-4.3	276,440	275,570	-0.3
Oct	30,248			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	80,599	4.6	620,914	602,290	-3.0
Sep	72,851	71,345	-2.1	693,765	673,635	-2.9
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	40,321	1.4	295,006	276,162	-6.4
Sep	34,602	32,453	-6.2	329,608	308,615	-6.4
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	3,389		27,878	22,837	-18.1
Sep	3,127	3,226	3.2	31,005	26,063	-15.9
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	5,081	1.3	37,004	37,144	0.4
Sep	4,013	4,301	7.2	41,017	41,445	1.0
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	7,853	3.5	60,768	64,205	5.7
Sep	8,641	7,045	-18.5	69,409	71,250	2.7
Oct	6,783			76,192		
Nov	5,829			82,021		
Dec	5,756			87,777		

¹ August 1999 data revised.

² Excludes all modified dry whey products.

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

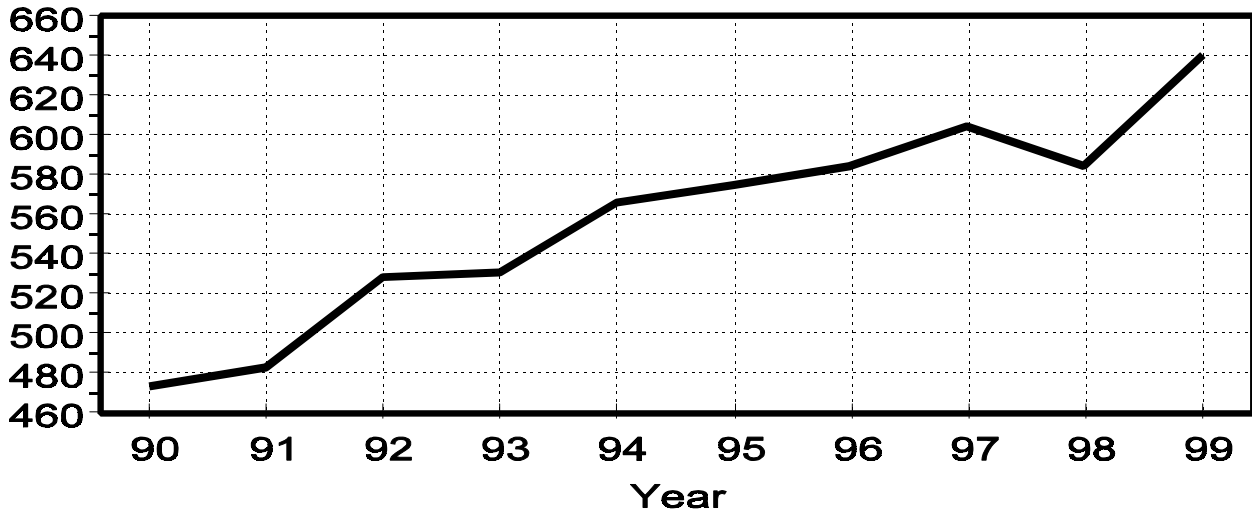
State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	96,900	124,684	116,425	20.1	-6.6
ID	42,439	47,209	47,937	13.0	1.5
IL	9,299	7,117	6,996	-24.8	-1.7
IA	19,870	20,053	21,023	5.8	4.8
MA	99	70	79	-20.2	12.9
MN	39,792	52,616	55,040	38.3	4.6
MO	13,334	11,401	12,721	-4.6	11.6
NE	7,581			-25.5	
NY	52,377	54,500	54,218	3.5	-0.5
ND	1,151	1,244	1,160	0.8	-6.8
OH	9,256	10,390	10,626	14.8	2.3
PA	27,701	32,266	28,597	3.2	-11.4
SD	10,975	10,257	11,333	3.3	10.5
UT	5,232	6,734	6,051	15.7	-10.1
WA	13,641	10,515	10,530	-22.8	0.1
WI	173,392	178,336	177,747	2.5	-0.3
Oth Sts ²	61,073	83,953	79,194		-5.7
US	584,112	651,345	639,677	9.5	-1.8
N Atlantic	92,818	102,445	96,794	4.3	-5.5
S Atlantic	2,751	4,006	3,718	35.2	-7.2
E N Central	201,945	207,213	208,215	3.1	0.5
W N Central	92,708	103,687	106,940	15.4	3.1
S Central	4,283	3,955	4,358	1.8	10.2
West	189,607	230,039	219,652	15.8	-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.

September Total Cheese Production United States

Million Pounds



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

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	40,354	58,046	48,763	20.8	-16.0
ID	38,390	43,617	42,312	10.2	-3.0
IA	8,221	9,271	10,432	26.9	12.5
MN	36,811	48,861	53,967	46.6	10.5
NY		7,455	5,781		-22.5
ND	1,151	1,244	1,160	0.8	-6.8
OH	2,641	2,490	2,339	-11.4	-6.1
OR	4,534	5,162	5,100	12.5	-1.2
SD	4,656	5,122	5,158	10.8	0.7
UT	2,409	3,650	2,978	23.6	-18.4
WA	8,937	8,528	8,535	-4.5	0.1
WI	71,090	77,500	75,000	5.5	-3.2
Oth Sts ²	25,719	23,525	22,126		-5.9
US	244,913	294,471	283,651	15.8	-3.7
Atlantic	10,220	12,714	9,783	-4.3	-23.1
E N Central	75,084	81,790	79,193	5.5	-3.2
W N Central	53,504	67,002	73,232	36.9	9.3
S Central	3,995	3,503	3,992	-0.1	14.0
West	102,110	129,462	117,451	15.0	-9.3

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.

Cheddar Cheese: Production by State and United States, September 1998-99

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	27,048	42,299	35,508	31.3	-16.1
ID	24,025	28,007	28,175	17.3	0.6
MN	34,981	45,558	50,065	43.1	9.9
NY	6,049	7,348	5,711	-5.6	-22.3
WI	57,305	61,500	60,500	5.6	-1.6
Oth Sts ²	40,110	43,052	43,141	7.6	0.2
US	189,518	227,764	223,100	17.7	-2.0
Atlantic	9,646	12,258	9,392	-2.6	-23.4
E N Cen	59,003	63,204	62,377	5.7	-1.3
W N Cen	44,186	53,626	60,508	36.9	12.8
S Cen	3,995	3,503	3,992	-0.1	14.0
West	72,688	95,173	86,831	19.5	-8.8

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, September 1998-99

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	44,492	54,452	51,529	15.8	-5.4
ID	319	276	1,036	224.8	275.4
NY	16,028	19,734	19,242	20.1	-2.5
WI	55,139	53,400	56,000	1.6	4.9
Oth Sts ²	69,270	81,499	74,702	7.8	-8.3
US	185,248	209,361	202,509	9.3	-3.3
Atlantic	36,945	47,519	41,955	13.6	-11.7
E N Central	65,010	63,326	67,269	3.5	6.2
W N Central	15,927	17,531	15,833	-0.6	-9.7
West	67,366	80,985	77,452	15.0	-4.4

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.

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

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	12,770	14,393	16,936	32.6	17.7
MN	5,146	2,441	3,466	-32.6	42.0
NY	1,349	1,206	1,694	25.6	40.5
ND	402	309	409	1.7	32.4
OR	1,913	1,350	1,600	-16.4	18.5
PA	4,487	5,396	7,491	66.9	38.8
WA	6,231	12,430	12,554	101.5	1.0
WI	20,756	16,200	17,300	-16.7	6.8
Oth Sts ²	15,164	12,334	17,323	14.2	40.4
US	68,218	66,059	78,773	15.5	19.2
Atlantic	9,294	7,924	12,584	35.4	58.8
E N Central	24,190	17,129	19,751	-18.4	15.3
W N Central	10,593	5,946	7,316	-30.9	23.0
S Central	2,769	5,076	5,691	105.5	12.1
West	21,372	29,984	33,431	56.4	11.5

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.

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

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	34,162	52,335	48,187	41.1	-7.9
MN & WI	1,112	1,462	1,448	30.2	-1.0
NM	303	4,014			
ND	47				
PA	2,350	6,978	6,118	160.3	-12.3
WA	11,226	17,308	16,008	42.6	-7.5
Oth Sts ²	13,106	17,406	17,161	30.9	-1.4
US	62,306	99,503	88,922	42.7	-10.6
Atlantic	6,690	11,847	12,563	87.8	6.0
E N Central	1,345	964	1,631	21.3	69.2
W N Central	6,280	4,888	5,133	-18.3	5.0
West	47,895	77,168	68,341	42.7	-11.4

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, September 1998-99**

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,430	9,811	11,843	25.6	20.7
MN	6,502	7,331	6,591	1.4	-10.1
NY	9,275	10,103	9,847	6.2	-2.5
PA	7,409	6,532	6,503	-12.2	-0.4
UT	1,679	1,865	1,926	14.7	3.3
WA	7,031	6,800	6,800	-3.3	
WI	22,319	20,650	22,954	2.8	11.2
Oth Sts ²	19,458	22,083	22,089	13.5	
US	83,103	85,175	88,553	6.6	4.0
Atlantic	16,737	16,635	16,350	-2.3	-1.7
Central	37,127	36,960	38,660	4.1	4.6
West	29,239	31,580	33,543	14.7	6.2

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.

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

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	9,263	8,300	7,748	-16.4	-6.7
WI	7,268	7,570	8,298	14.2	9.6
Oth Sts ²	20,217	26,692	28,043	38.7	5.1
US	36,748	42,562	44,089	20.0	3.6
E N Central	8,172	8,640	9,213	12.7	6.6
W N Central	14,622	13,917	12,844	-12.2	-7.7
West	11,962	18,713	20,872	74.5	11.5

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.

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

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	5,233	8,357	7,587	45.0	-9.2
MN	3,673	4,336	4,233	15.2	-2.4
WI	2,416	4,314	3,783	56.6	-12.3
Oth Sts ²	8,484	11,107	10,128	19.4	-8.8
US	19,806	28,114	25,731	29.9	-8.5

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, September 1998-99

State	Sep 1998	Aug ¹ 1999	Sep 1999	Change From	
				Sep 1998	Aug 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	10,300	10,727	9,393	-8.8	-12.4
FL	1,674	1,700	1,800	7.5	5.9
GA	638	628	493	-22.7	-21.5
IL	3,040	3,150	3,100	2.0	-1.6
IN	5,567	6,229	6,710	20.5	7.7
ME	148	190	126	-14.9	-33.7
MD	1,420	1,619	1,378	-3.0	-14.9
MA	4,097	6,072	3,889	-5.1	-36.0
MI	2,077	2,170	1,428	-31.2	-34.2
MN	3,714	4,215	4,186	12.7	-0.7
NH	36				
NM	401	219	219	-45.4	
NY	2,312	2,900	2,400	3.8	-17.2
NC	1,494	1,991	1,789	19.7	-10.1
ND	103	162	104	1.0	-35.8
OH	3,186	3,100	2,500	-21.5	-19.4
OR	726	960	800	10.2	-16.7
PA	3,558	5,067	4,629	30.1	-8.6
SD	3	2	2	-33.3	
TN	1,516	1,166	1,234	-18.6	5.8
TX	4,363	5,461	4,986	14.3	-8.7
UT	810	1,005	978	20.7	-2.7
WA	1,886	2,210	1,995	5.8	-9.7
WI	708	870	750	5.9	-13.8
Oth Sts ²	19,074	18,786	16,456		-12.4
US	72,851	80,599	71,345	-2.1	-11.5
N Atlantic	14,023	16,600	13,095	-6.6	-21.1
S Atlantic	6,727	8,483	7,642	13.6	-9.9
E N Central	14,578	15,519	14,488	-0.6	-6.6
W N Central	11,015	10,457	9,906	-10.1	-5.3
S Central	9,439	11,054	9,771	3.5	-11.6
West	17,069	18,486	16,443	-3.7	-11.1

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.

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

Product	Sep 1998	Aug 1999 ¹	Sep 1999	Change From	
				Sep 1998	Aug 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	9,320	7,745	6,738	-27.7	-13.0
Nonfat Dry Milk, Human	72,696	103,221	77,488	6.6	-24.9
Dry Skim Milk, Animal	296	426	401	35.5	-5.9
Dry Buttermilk, Human	2,138	4,141	4,337	102.9	4.7
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>
Canned Evaporated and Condensed Whole Milk	62,176	45,997	44,396	-28.6	-3.5
Dry Whole Milk	5,468	6,405	6,027	10.2	-5.9
Nonfat Dry Milk, Human	64,441	101,334	88,004	36.6	-13.2
Dry Skim Milk, Animal	1,411	2,139	1,707	21.0	-20.2
Dry Buttermilk, Total	2,344	4,745	4,572	95.1	-3.6
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	143.26	136.55	136.48	-6.78	-0.07
Dry Skim Milk, Animal	67.43	60.10	59.84	-7.59	-0.26
Dry Buttermilk, Human	103.93	73.21	73.70	-30.23	0.49

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 8:30 a.m. ET on December 3, 1999.

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