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July 1999 Highlights

American type cheese production totaled 301 million pounds, 8.2 percent above July 1998 and 1.1 percent above June 1999.

Total cheese output (excluding cottage cheese) was 646 million pounds, 5.8 percent above July 1998 but 4.0 percent below June 1999.

Cream cottage cheese production was 31.6 million pounds, 7.5 percent below July 1998 but 4.0 percent above June 1999.

Lowfat cottage cheese production was 31.6 million pounds, 2.5 percent below July 1998 and 0.5 percent below June 1999.

Butter production was 78.3 million pounds in July, 22.8 percent above July 1998 but 8.9 percent below June 1999.

Frozen dessert: (comparisons with July 1998)

Ice cream, Regular (hard) --- 86.0 million gallons, down 0.9 percent.

Ice cream, Lowfat (total) --- 42.0 million gallons, down 4.9 percent.

Ice cream, Nonfat (hard) --- 3.37 million gallons, down 5.0 percent.

Sherbet (hard) --- 5.36 million gallons, down 2.0 percent.

Frozen Yogurt (total) --- 7.72 million gallons, down 8.8 percent.

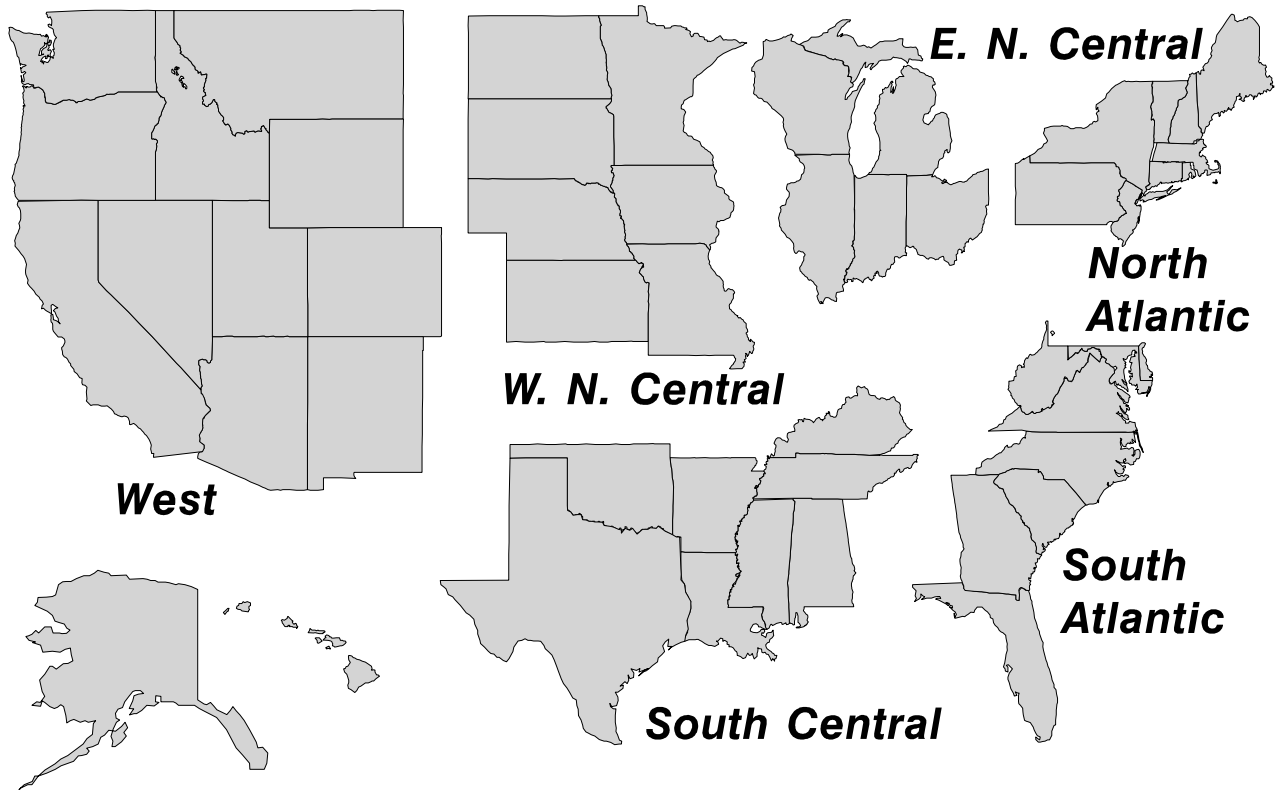
Dry milk products: (comparisons with July 1998)

Nonfat dry milk for human food --- 102 million pounds, up 18.5 percent.

Dry whole milk --- 8.96 million pounds, down 24.8 percent.

Dry buttermilk --- 2.74 million pounds, down 8.0 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, July, 1998-99**

Product	Jul 1998	Jun 1999 ¹	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	63,766	85,973	78,311	22.8	-8.9
Cheese					
American Types ²	277,738	297,218	300,522	8.2	1.1
Cheddar	219,739	234,614	236,999	7.9	1.0
Swiss	18,573	18,198	16,805	-9.5	-7.7
Brick and Muenster	8,117	7,871	6,928	-14.6	-12.0
Cream and Neufchatel	43,540	62,193	48,736	11.9	-21.6
Blue	4,144	4,228	4,264	2.9	0.9
Hispanic	6,715	7,357	6,947	3.5	-5.6
Mozzarella	192,730	209,585	204,950	6.3	-2.2
Other Italian Types	48,614	55,326	45,777	-5.8	-17.3
Total Italian Types	241,344	264,911	250,727	3.9	-5.4
All Other Types	9,916	10,818	10,685	7.8	-1.2
Total	610,087	672,794	645,614	5.8	-4.0
Cottage Cheese, Curd ³	41,247	39,787	40,353	-2.2	1.4
Cottage Cheese, Cream ⁴	34,197	30,400	31,622	-7.5	4.0
Cottage Cheese, Lowfat ⁵	32,367	31,710	31,552	-2.5	-0.5
Canned Evaporated and					
Condensed Whole Milk	38,502	42,734	38,244	-0.7	-10.5
Dry Whole Milk	11,911	9,798	8,957	-24.8	-8.6
Nonfat Dry Milk, Human	85,661	120,413	101,533	18.5	-15.7
Dry Skim Milk, Animal	436	540	311	-28.7	-42.4
Dry Buttermilk	2,976	3,324	2,737	-8.0	-17.7
Yogurt, Plain & Flavored	122,658	148,216	132,583	8.1	-10.5
	<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	86,715	88,432	85,955	-0.9	-2.8
Ice Cream, Lowfat, Hard	9,776	9,567	9,146	-6.4	-4.4
Ice Cream, Lowfat, Soft	34,399	32,297	32,857	-4.5	1.7
Ice Cream, Lowfat, Total	44,175	41,864	42,003	-4.9	0.3
Ice Cream, Nonfat, Hard	3,552	3,353	3,374	-5.0	0.6
Sherbet, Hard	5,466	5,664	5,355	-2.0	-5.5
Water and Juice Ices	8,734	9,083	9,786	12.0	7.7
Frozen Yogurt, Total	8,466	8,726	7,721	-8.8	-11.5
Regular & Lowfat, Hard	2,745	3,088	2,869	4.5	-7.1
Nonfat, Hard	2,570	1,918	1,828	-28.9	-4.7
Other Frozen Dairy					
Products	1,508	1,157	1,187	-21.3	2.6
Mix for Frozen Products					
Ice Cream Mix	49,652	50,133	48,984	-1.3	-2.3
Ice Cream, Lowfat, Mix	24,881	22,900	22,993	-7.6	0.4
Ice Cream, Nonfat, Mix	2,219	2,187	2,100	-5.4	-4.0
Sherbet Mix	4,035	3,896	3,787	-6.1	-2.8
Yogurt Mix	5,358	5,523	4,887	-8.8	-11.5

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, July, 1998-99**

Product	Jul 1998	Jun 1999 ¹	Jul 1999	Change From	
				Jul 1998	Jun 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	9,738	8,195	7,858	-19.3	-4.1
Sweet-Type, Animal	2,414	1,560	1,511	-37.4	-3.1
Dry Whey Products					
Dry Whey, Human	98,391	94,353	89,138	-9.4	-5.5
Dry Whey, Animal	6,376	8,118	9,105	42.8	12.2
Reduced Lactose and Minerals					
Human Food	6,627	6,316	6,528	-1.5	3.4
Animal Feed	2,816	2,780	2,811	-0.2	1.1
Lactose, Human and Animal	41,043	36,849	37,133	-9.5	0.8
Whey					
Solids in Wet Blends, Animal	2,387	3,000	2,449	2.6	-18.4
Protein Concentrate, Human	22,304	26,925	26,913	20.7	
Protein Concentrate, Animal	3,828	3,639	3,586	-6.3	-1.5
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	36,616	54,491	49,754	35.9	-8.7
Dry Whey, Animal	3,664	7,553	9,404	156.7	24.5
Reduced Lactose and Minerals					
Human and Animal ⁴	12,255	12,795	13,709	11.9	7.1
Lactose, Human and Animal	32,988	23,809	19,959	-39.5	-16.2
Whey Protein Concentrate, Human	13,071	17,734	16,979	29.9	-4.3
Whey Protein Concentrate, Animal	1,097	1,638	1,548	41.1	-5.5
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	23.9	16.1	16.2	-7.7	0.1

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	645,614	5.8	4,381,939	4,598,194	4.9
Aug	598,644			4,980,583		
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	300,522	8.2	1,982,098	2,113,930	6.7
Aug	261,310			2,243,408		
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	236,999	7.9	1,587,561	1,688,807	6.4
Aug	206,666			1,794,227		
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	250,727	3.9	1,741,052	1,810,613	4.0
Aug	241,050			1,982,102		
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	204,950	6.3	1,370,158	1,456,672	6.3
Aug	190,823			1,560,981		
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	45,777	-5.8	370,894	353,941	-4.6
Aug	50,227			421,121		
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	78,311	22.8	663,462	723,970	9.1
Aug	64,254			727,716		
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	101,533	18.5	734,482	857,163	16.7
Aug	78,842			813,324		
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	98,243	-6.2	706,366	689,960	-2.3
Aug	99,221			805,587		
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	31,622	-7.5	215,635	208,299	-3.4
Aug	32,138			247,773		
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	31,552	-2.5	213,365	211,978	-0.7
Aug	30,179			243,544		
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	85,955	-0.9	543,844	522,896	-3.9
Aug	77,070			620,914		
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	42,003	-4.9	255,244	234,134	-8.3
Aug	39,762			295,006		
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	3,374	-5.0	24,490	19,443	-20.6
Aug	3,388			27,878		
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	5,355	-2.0	31,987	32,148	0.5
Aug	5,017			37,004		
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	7,721	-8.8	53,184	55,982	5.3
Aug	7,584			60,768		
Sep	8,641			69,409		
Oct	6,783			76,192		
Nov	5,829			82,021		
Dec	5,756			87,777		

¹ June 1999 data revised.

² Excludes all modified dry whey products.

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

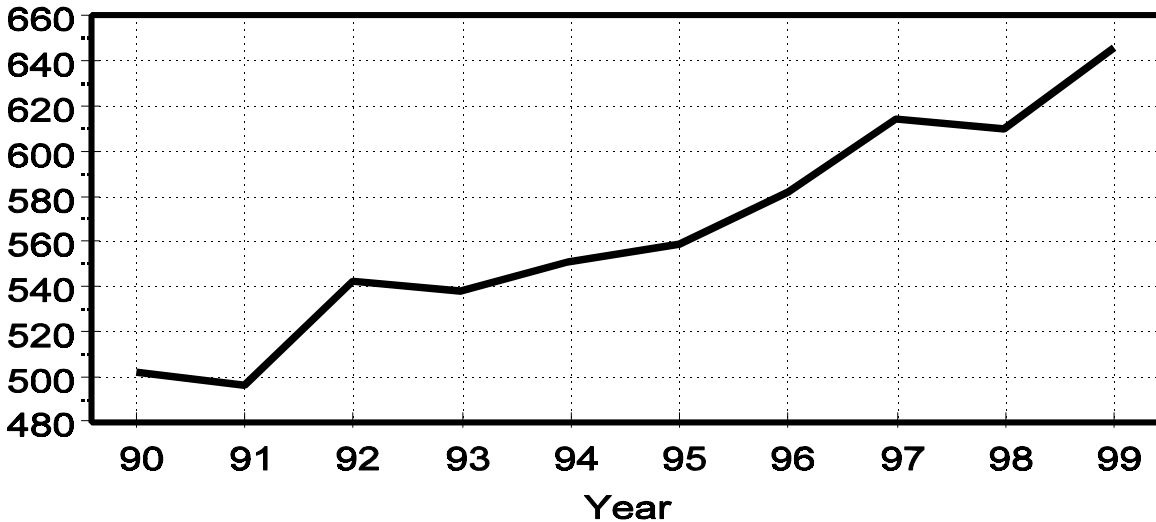
State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	100,304	111,167	115,017	14.7	3.5
ID	41,959	46,029	47,310	12.8	2.8
IL	10,020	7,030	7,060	-29.5	0.4
IA	19,922	21,914	20,622	3.5	-5.9
MA	77	70	55	-28.6	-21.4
MN	50,945	57,456	52,717	3.5	-8.2
MO	11,114	16,780	10,508	-5.5	-37.4
NE	8,299			-10.3	
NY	48,638	58,321	55,908	14.9	-4.1
ND	1,577	1,876	1,756	11.4	-6.4
OH	10,159	12,208	10,908	7.4	-10.6
PA	30,311	35,694	27,838	-8.2	-22.0
SD	11,343	12,004	11,050	-2.6	-7.9
UT	6,470	6,290	6,824	5.5	8.5
WA	15,091	10,984	11,920	-21.0	8.5
WI	172,831	182,034	177,019	2.4	-2.8
Oth Sts ²	71,027	92,937	89,102		-4.1
US	610,087	672,794	645,614	5.8	-4.0
N Atlantic	92,741	107,651	97,724	5.4	-9.2
S Atlantic	2,947	3,342	4,235	43.7	26.7
E N Central	203,935	216,190	208,732	2.4	-3.4
W N Central	104,850	117,320	104,137	-0.7	-11.2
S Central	5,308	4,314	3,632	-31.6	-15.8
West	200,306	223,977	227,154	13.4	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.

July Total Cheese Production United States

Million Pounds



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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	39,772	45,254	50,036	25.8	10.6
ID	38,718	42,665	43,595	12.6	2.2
IA	8,780	10,168	9,530	8.5	-6.3
MN	47,980	50,810	50,940	6.2	0.3
NY		8,983	8,329		-7.3
ND	1,577	1,876	1,756	11.4	-6.4
OH	2,763	3,154	2,977	7.7	-5.6
OR	4,574	4,953	4,860	6.3	-1.9
SD	4,677	6,222	5,731	22.5	-7.9
UT	3,639	3,028	3,855	5.9	27.3
WA	10,055	9,086	9,949	-1.1	9.5
WI	79,265	80,330	81,100	2.3	1.0
Oth Sts ²	35,938	30,689	27,864		-9.2
US	277,738	297,218	300,522	8.2	1.1
Atlantic	13,447	14,083	13,551	0.8	-3.8
E N Central	83,505	85,297	85,971	3.0	0.8
W N Central	67,637	72,649	70,950	4.9	-2.3
S Central	5,083	4,055	3,468	-31.8	-14.5
West	108,066	121,134	126,582	17.1	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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	27,950	31,402	37,136	32.9	18.3
ID	24,778	28,185	28,514	15.1	1.2
MN	46,177	47,528	47,528	2.9	
NY	7,690	8,911	8,231	7.0	-7.6
WI	62,896	65,400	65,200	3.7	-0.3
Oth Sts ²	50,248	53,188	50,390	0.3	-5.3
US	219,739	234,614	236,999	7.9	1.0
Atlantic	12,898	13,725	13,234	2.6	-3.6
E N Cen	64,477	67,475	67,131	4.1	-0.5
W N Cen	57,673	59,619	57,455	-0.4	-3.6
S Cen	5,083	4,050	3,468	-31.8	-14.4
West	79,608	89,745	95,711	20.2	6.6

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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	46,126	49,042	50,273	9.0	2.5
ID	448	44	96	-78.6	118.2
NY	16,953	20,181	20,034	18.2	-0.7
WI	50,181	53,500	51,800	3.2	-3.2
Oth Sts ²	79,022	86,818	82,747	4.7	-4.7
US	192,730	209,585	204,950	6.3	-2.2
Atlantic	42,939	47,478	44,765	4.3	-5.7
E N Central	61,361	67,073	64,139	4.5	-4.4
W N Central	17,465	16,702	17,702	1.4	6.0
West	70,965	78,332	78,344	10.4	

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, July 1998-99

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	10,052	13,112	12,895	28.3	-1.7
MN	4,208	4,468	3,711	-11.8	-16.9
NY	1,474	1,705	2,909	97.4	70.6
ND	317	391	223	-29.7	-43.0
OR	1,419	1,600	1,200	-15.4	-25.0
PA	6,067	8,332	8,249	36.0	-1.0
WA	5,892	12,841	12,052	104.5	-6.1
WI	20,440	20,500	17,800	-12.9	-13.2
Oth Sts ²	13,897	23,024	19,272	38.7	-16.3
US	63,766	85,973	78,311	22.8	-8.9
N Atlantic	8,880	13,492	13,280	49.5	-1.6
S Atlantic	1,232	738	332	-73.1	-55.0
E N Central	24,441	25,145	20,835	-14.8	-17.1
W N Central	9,537	9,917	8,954	-6.1	-9.7
S Central	2,023	7,421	7,138	252.8	-3.8
West	17,653	29,260	27,772	57.3	-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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	41,255	52,901	51,054	23.8	-3.5
MN & WI	1,509	1,739	1,796	19.0	3.3
NM	3,406	4,512	2,300	-32.5	-49.0
ND	93	138			
PA	5,075	7,462	6,383	25.8	-14.5
WA	11,867	17,450	17,100	44.1	-2.0
Oth Sts ²	22,456	36,211	22,900		
US	85,661	120,413	101,533	18.5	-15.7
Atlantic	11,301	18,180	12,258	8.5	-32.6
E N Central	4,601	5,216	3,036	-34.0	-41.8
W N Central	6,701	9,352	6,852	2.3	-26.7
S Central	1,962	6,147	4,763	142.8	-22.5
West	61,096	81,518	74,624	22.1	-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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,688	9,534	9,613	-0.8	0.8
MN	9,925	8,788	7,935	-20.1	-9.7
NY	9,630	10,682	9,932	3.1	-7.0
PA	8,635	10,458	7,305	-15.4	-30.1
UT	2,095	2,075	1,891	-9.7	-8.9
WA	8,844	5,056	5,700	-35.5	12.7
WI	26,382	25,400	23,800	-9.8	-6.3
Oth Sts ²	23,192	22,360	22,962	-1.0	2.7
US	98,391	94,353	89,138	-9.4	-5.5
Atlantic	19,688	21,140	17,237	-12.4	-18.5
Central	46,763	44,719	41,845	-10.5	-6.4
West	31,940	28,494	30,056	-5.9	5.5

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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	10,172	7,082	7,452	-26.7	5.2
WI	7,871	7,130	7,373	-6.3	3.4
Oth Sts ²	23,000	22,637	22,308	-3.0	-1.5
US	41,043	36,849	37,133	-9.5	0.8
E N Central	8,960	8,301	8,383	-6.4	1.0
W N Central	15,846	12,665	12,945	-18.3	2.2
West	14,444	14,223	14,058	-2.7	-1.2

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, July 1998-99**

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	6,165	7,097	7,337	19.0	3.4
MN	4,449	4,053	3,953	-11.1	-2.5
WI	2,654	4,238	4,587	72.8	8.2
Oth Sts ²	9,036	11,537	11,036	22.1	-4.3
US	22,304	26,925	26,913	20.7	

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.

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

State	Jul 1998	Jun ¹ 1999	Jul 1999	Change From	
				Jul 1998	Jun 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	9,840	13,184	12,981	31.9	-1.5
FL	2,221	2,240	1,620	-27.1	-27.7
GA	520	1,010	785	51.0	-22.3
IL	3,282	3,800	3,150	-4.0	-17.1
IN	5,811	6,458	6,257	7.7	-3.1
ME	336	325	335	-0.3	3.1
MD	1,928	2,121	1,894	-1.8	-10.7
MA	6,044	4,811	6,714	11.1	39.6
MI	2,541	2,000	2,025	-20.3	1.3
MN	3,606	4,955	3,967	10.0	-19.9
NH	54			-7.4	
NM	401	219	219	-45.4	
NY	2,938	3,500	3,600	22.5	2.9
NC	2,321	2,779	2,087	-10.1	-24.9
ND	111	187	157	41.4	-16.0
OH	3,911	3,500	3,300	-15.6	-5.7
OR	836	900	1,040	24.4	15.6
PA	4,801	5,223	4,753	-1.0	-9.0
SD	2	2	3	50.0	50.0
TN	1,481	1,643	1,321	-10.8	-19.6
TX	5,681	5,994	5,704	0.4	-4.8
UT	969	1,330	1,012	4.4	-23.9
WA	2,257	2,277	2,274	0.8	-0.1
WI	899	914	827	-8.0	-9.5
Oth Sts ²	23,924	19,060	19,930		4.6
US	86,715	88,432	85,955	-0.9	-2.8
N Atlantic	18,150	16,842	18,152		7.8
S Atlantic	9,585	10,466	9,161	-4.4	-12.5
E N Central	16,444	16,672	15,559	-5.4	-6.7
W N Central	12,829	11,139	10,759	-16.1	-3.4
S Central	11,315	11,925	10,915	-3.5	-8.5
West	18,392	21,388	21,409	16.4	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.

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

Product	Jul 1998	Jun 1999 ¹	Jul 1999	Change From	
				Jul 1998	Jun 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	9,310	9,892	8,996	-3.4	-9.1
Nonfat Dry Milk, Human	97,248	91,181	89,800	-7.7	-1.5
Dry Skim Milk, Animal	235	321	531	126.0	65.4
Dry Buttermilk, Human	3,318	3,964	3,420	3.1	-13.7
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	55,925	42,918	44,468	-20.5	3.6
Dry Whole Milk	7,285	7,843	7,524	3.3	-4.1
Nonfat Dry Milk, Human	115,343	158,347	142,388	23.4	-10.1
Dry Skim Milk, Animal	1,107	1,791	1,947	75.9	8.7
Dry Buttermilk, Total	4,654	4,612	3,883	-16.6	-15.8
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	126.22	122.30	121.26	-4.96	-1.04
Dry Skim Milk, Animal	63.83	61.63	52.39	-11.44	-9.24
Dry Buttermilk, Human	97.55	70.03	70.46	-27.09	0.43

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 October 4, 1999.

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