



Dairy Products

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April 1999 Highlights

American type cheese production totaled 319 million pounds, 10.6 percent above April 1998 and 0.8 percent above March 1999.

Total cheese output (excluding cottage cheese) was 673 million pounds, 5.2 percent above April 1998 but 2.8 percent below March 1999.

Cream cottage cheese production was 30.8 million pounds, 1.6 percent above April 1998 and 1.2 percent above March 1999.

Lowfat cottage cheese production was 29.6 million pounds, 3.7 percent below April 1998 and 13.6 percent below March 1999.

Butter production was 106 million pounds in April, 0.6 percent below April 1998 and 6.4 percent below March 1999.

Frozen dessert: (comparisons with April 1998)

Ice cream, Regular (hard) --- 75.2 million gallons, down 7.6 percent.

Ice cream, Lowfat (total) --- 31.3 million gallons, down 16.8 percent.

Ice cream, Nonfat (hard) --- 2.82 million gallons, down 18.4 percent.

Sherbet (hard) --- 4.72 million gallons, up 3.0 percent.

Frozen Yogurt (total) --- 8.99 million gallons, up 11.6 percent.

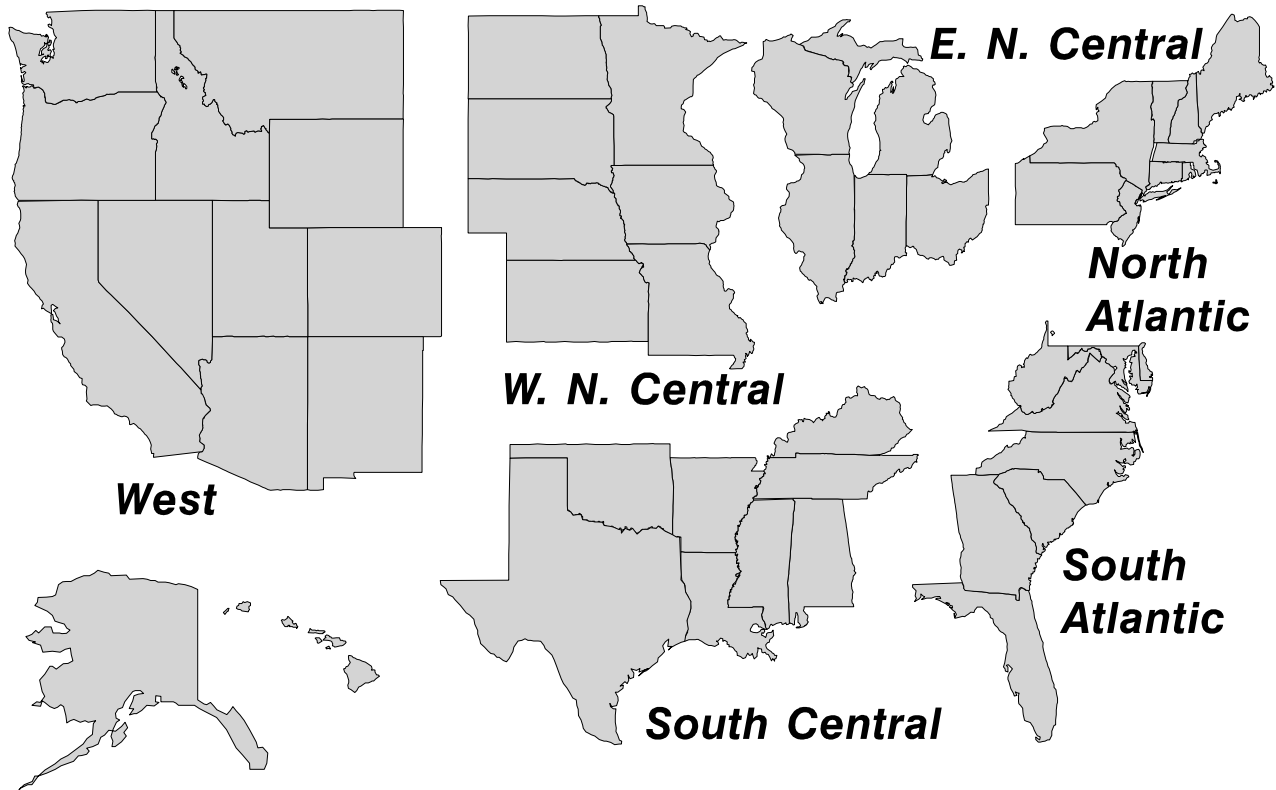
Dry milk products: (comparisons with April 1998)

Nonfat dry milk for human food --- 134 million pounds, up 11.6 percent.

Dry whole milk --- 8.98 million pounds, down 20.1 percent.

Dry buttermilk --- 5.02 million pounds, down 1.6 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. The map above outlines the regions used in the product tables. 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, April, 1998-99**

Product	Apr 1998	Mar 1999 ¹	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	107,072	113,708	106,426	-0.6	-6.4
Cheese					
American Types ²	288,015	316,051	318,606	10.6	0.8
Cheddar	231,964	254,148	257,484	11.0	1.3
Swiss	18,170	17,263	16,246	-10.6	-5.9
Brick and Muenster	8,585	7,832	7,377	-14.1	-5.8
Cream and Neufchatel	49,785	52,566	49,045	-1.5	-6.7
Blue	3,898	4,528	4,761	22.1	5.1
Hispanic	6,802	7,905	6,978	2.6	-11.7
Mozzarella	198,395	221,465	210,729	6.2	-4.8
Other Italian Types	55,160	54,128	48,806	-11.5	-9.8
Total Italian Types	253,555	275,593	259,535	2.4	-5.8
All Other Types	10,267	9,953	10,032	-2.3	0.8
Total	639,077	691,691	672,580	5.2	-2.8
Cottage Cheese, Curd ³	38,616	40,174	38,483	-0.3	-4.2
Cottage Cheese, Cream ⁴	30,366	30,475	30,844	1.6	1.2
Cottage Cheese, Lowfat ⁵	30,762	34,297	29,626	-3.7	-13.6
Canned Evaporated and Condensed Whole Milk	31,255	36,149	39,910	27.7	10.4
Dry Whole Milk	11,235	9,544	8,976	-20.1	-6.0
Nonfat Dry Milk, Human	119,740	128,473	133,620	11.6	4.0
Dry Skim Milk, Animal	506	450	396	-21.7	-12.0
Dry Buttermilk	5,105	5,361	5,024	-1.6	-6.3
Yogurt, Plain & Flavored	131,304	160,107	137,852	5.0	-13.9
	<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	81,406	75,538	75,229	-7.6	-0.4
Ice Cream, Lowfat, Hard	9,187	9,394	8,798	-4.2	-6.3
Ice Cream, Lowfat, Soft	28,444	21,370	22,528	-20.8	5.4
Ice Cream, Lowfat, Total	37,631	30,764	31,326	-16.8	1.8
Ice Cream, Nonfat, Hard	3,459	2,370	2,821	-18.4	19.0
Sherbet, Hard	4,585	4,666	4,724	3.0	1.2
Water and Juice Ices	6,940	8,468	9,725	40.1	14.8
Frozen Yogurt, Total	8,055	8,813	8,990	11.6	2.0
Regular & Lowfat, Hard	2,707	3,368	2,896	7.0	-14.0
Nonfat, Hard	2,270	1,701	1,763	-22.3	3.6
Other Frozen Dairy Products	1,434	1,264	1,269	-11.5	0.4
Mix for Frozen Products					
Ice Cream Mix	45,502	41,717	43,706	-3.9	4.8
Ice Cream, Lowfat, Mix	20,445	19,191	19,649	-3.9	2.4
Ice Cream, Nonfat, Mix	2,081	1,403	1,700	-18.3	21.2
Sherbet Mix	3,312	3,401	3,676	11.0	8.1
Yogurt Mix	5,098	5,578	5,690	11.6	2.0

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, April, 1998-99**

Product	Apr 1998	Mar 1999 ¹	Apr 1999	Change From	
				Apr 1998	Mar 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	11,021	7,147	7,173	-34.9	0.4
Sweet-Type, Animal	1,849	1,636	1,416	-23.4	-13.4
Dry Whey Products					
Dry Whey, Human	90,153	95,349	91,981	2.0	-3.5
Dry Whey, Animal	8,664	6,627	5,809	-33.0	-12.3
Reduced Lactose and Minerals					
Human Food	6,584	7,642	8,460	28.5	10.7
Animal Feed	2,545	2,745	2,610	2.6	-4.9
Lactose, Human and Animal	40,260	42,633	40,656	1.0	-4.6
Whey					
Solids in Wet Blends, Animal	3,282	2,800	2,700	-17.7	-3.6
Protein Concentrate, Human	20,097	27,735	25,450	26.6	-8.2
Protein Concentrate, Animal	3,279	3,608	3,810	16.2	5.6
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	30,074	46,467	53,616	78.3	15.4
Dry Whey, Animal	5,000	6,118	8,840	76.8	44.5
Reduced Lactose and Minerals					
Human and Animal ⁴	8,381	11,658	12,276	46.5	5.3
Lactose, Human and Animal	27,565	25,999	28,547	3.6	9.8
Whey Protein Concentrate, Human	11,751	19,713	18,311	55.8	-7.1
Whey Protein Concentrate, Animal	1,393	1,572	2,091	50.1	33.0
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	20.5	17.0	16.6	-3.9	-0.4

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	672,580	5.2	2,477,228	2,603,240	5.1
May	652,554			3,129,782		
Jun	642,070			3,771,852		
Jul	610,087			4,381,939		
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	318,606	10.6	1,118,018	1,201,626	7.5
May	298,507			1,416,525		
Jun	287,835			1,704,360		
Jul	277,738			1,982,098		
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	257,484	11.0	896,777	964,199	7.5
May	243,230			1,140,007		
Jun	227,815			1,367,822		
Jul	219,739			1,587,561		
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	259,535	2.4	988,698	1,032,662	4.4
May	259,013			1,247,711		
Jun	251,997			1,499,708		
Jul	241,344			1,741,052		
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			978,907		
Jun	198,521			1,177,428		
Jul	192,730			1,370,158		
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	48,806	-11.5	216,362	204,284	-5.6
May	52,442			268,804		
Jun	53,476			322,280		
Jul	48,614			370,894		
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	106,426	-0.6	437,257	454,990	4.1
May	92,553			529,810		
Jun	69,886			599,696		
Jul	63,766			663,462		
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	133,620	11.6	429,673	497,908	15.9
May	119,730			549,403		
Jun	99,418			648,821		
Jul	85,661			734,482		
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	97,790	-1.0	391,303	386,301	-1.3
May	105,661			496,964		
Jun	104,635			601,599		
Jul	104,767			706,366		
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, 1998-99¹ (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	30,844	1.6	119,549	114,644	-4.1
May	30,484			150,033		
Jun	31,405			181,438		
Jul	34,197			215,635		
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	29,626	-3.7	118,819	118,388	-0.4
May	30,510			149,329		
Jun	31,669			180,998		
Jul	32,367			213,365		
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	75,229	-7.6	287,664	271,272	-5.7
May	80,569			368,233		
Jun	88,896			457,129		
Jul	86,715			543,844		
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	31,326	-16.8	124,864	106,268	-14.9
May	40,951			165,815		
Jun	45,254			211,069		
Jul	44,175			255,244		
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	2,821	-18.4	13,414	9,421	-29.8
May	3,593			17,007		
Jun	3,931			20,938		
Jul	3,552			24,490		
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	4,724	3.0	16,223	16,231	
May	4,832			21,055		
Jun	5,466			26,521		
Jul	5,466			31,987		
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	8,990	11.6	28,836	30,916	7.2
May	7,663			36,499		
Jun	8,219			44,718		
Jul	8,466			53,184		
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 March 1999 data revised.

² Excludes all modified dry whey products.

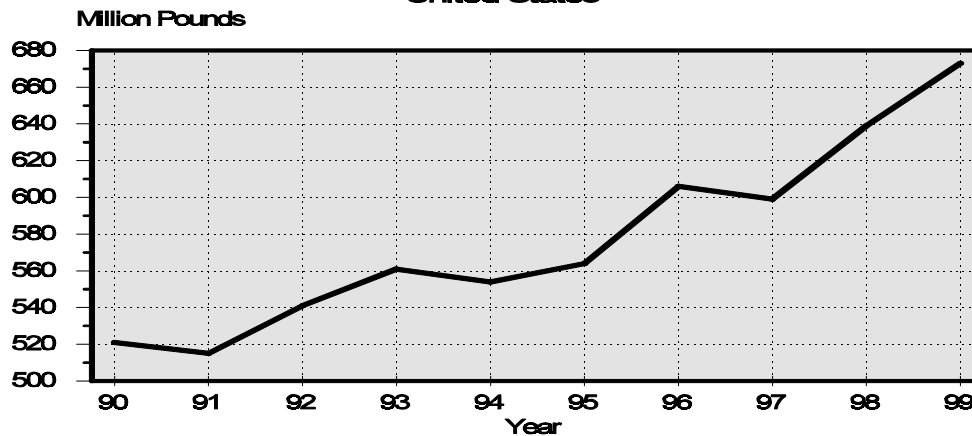
**Total Cheese, Excluding Cottage Cheese: Production by
State and United States, April 1998-99**

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	103,045	119,419	115,681	12.3	-3.1
ID	40,639	46,867	45,994	13.2	-1.9
IL	10,385	8,691	6,227	-40.0	-28.4
IA	21,100	22,549	21,884	3.7	-2.9
MA	113	100	69	-38.9	-31.0
MN	55,801	61,799	59,650	6.9	-3.5
MO	12,990	13,494	13,674	5.3	1.3
NE	8,734				
NY	56,349	59,204	56,321		-4.9
ND	2,018	2,668	2,606	29.1	-2.3
OH	11,193	11,482	11,251	0.5	-2.0
PA	33,008	35,006	33,077	0.2	-5.5
SD	11,479	12,431	11,552	0.6	-7.1
UT	5,285	6,321	6,711	27.0	6.2
WA	14,018	13,104	12,967	-7.5	-1.0
WI	174,849	183,328	179,630	2.7	-2.0
Oth Sts ²	78,071	95,228	95,286		0.1
US	639,077	691,691	672,580	5.2	-2.8
N Atlantic	101,989	108,282	103,499	1.5	-4.4
S Atlantic	1,918	3,910	3,516	83.3	-10.1
E N Central	207,945	217,194	210,213	1.1	-3.2
W N Central	114,766	119,168	116,907	1.9	-1.9
S Central	7,735	4,618	4,192	-45.8	-9.2
West	204,724	238,519	234,253	14.4	-1.8

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.

**April Total Cheese Production
United States**



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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,808	54,189	53,341	24.6	-1.6
ID	37,613	42,828	42,186	12.2	-1.5
IA	9,386	9,469	9,780	4.2	3.3
MN	50,532	57,721	56,505	11.8	-2.1
NY		9,075	9,038		-0.4
ND	2,018	2,668	2,606	29.1	-2.3
OH	3,337	3,371	3,394	1.7	0.7
OR	4,461	4,752	4,902	9.9	3.2
SD	4,580	5,120	5,528	20.7	8.0
TN	1,853				
UT	2,721	3,025	4,034	48.3	33.4
WA	9,258	11,145	11,004	18.9	-1.3
WI	77,462	80,885	82,275	6.2	1.7
Oth Sts ²	41,986	31,803	34,013		6.9
US	288,015	316,051	318,606	10.6	0.8
Atlantic	13,507	14,294	15,518	14.9	8.6
E N Central	82,287	86,407	87,873	6.8	1.7
W N Central	74,091	79,547	79,189	6.9	-0.5
S Central	7,500	4,305	3,953	-47.3	-8.2
West	110,630	131,498	132,073	19.4	0.4

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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	32,299	40,482	39,157	21.2	-3.3
ID	23,664	28,214	27,636	16.8	-2.0
MN	48,722	55,699	55,118	13.1	-1.0
NY	7,846	8,966	8,936	13.9	-0.3
WI	62,659	66,000	68,000	8.5	3.0
Oth Sts ²	56,774	54,787	58,637	3.3	7.0
US	231,964	254,148	257,484	11.0	1.3
Atlantic	12,780	13,621	14,882	16.4	9.3
E N Cen	64,839	68,827	70,635	8.9	2.6
W N Cen	62,767	66,838	67,810	8.0	1.5
S Cen	7,500	4,305	3,953	-47.3	-8.2
West	84,078	100,557	100,204	19.2	-0.4

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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	44,547	52,866	50,836	14.1	-3.8
ID	272	287	399	46.7	39.0
NY	18,020	19,863	19,445	7.9	-2.1
WI	53,375	55,140	51,000	-4.4	-7.5
Oth Sts ²	82,181	93,309	89,049	8.4	-4.6
US	198,395	221,465	210,729	6.2	-4.8
Atlantic	43,416	48,351	47,427	9.2	-1.9
E N Central	65,148	68,515	62,591	-3.9	-8.6
W N Central	17,918	17,595	17,098	-4.6	-2.8
West	71,913	87,004	83,613	16.3	-3.9

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, April 1998-99

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	22,568	23,886	24,389	8.1	2.1
MN	5,969	6,023	5,005	-16.2	-16.9
NY	1,860	2,388	2,296	23.4	-3.9
ND	462	428	410	-11.3	-4.2
OR	1,855	2,750	2,100	13.2	-23.6
PA	9,407	11,506	9,538	1.4	-17.1
WA	6,796	7,982	7,501	10.4	-6.0
WI	27,979	27,800	28,300	1.1	1.8
Oth Sts ²	30,176	30,945	26,887	-10.9	-13.1
US	107,072	113,708	106,426	-0.6	-6.4
N Atlantic	14,604	17,829	15,277	4.6	-14.3
S Atlantic	3,940	3,021	2,645	-32.9	-12.4
E N Central	35,155	35,903	35,793	1.8	-0.3
W N Central	11,561	11,515	10,050	-13.1	-12.7
S Central	10,088	10,263	8,264	-18.1	-19.5
West	31,724	35,177	34,397	8.4	-2.2

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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	46,886	57,108	60,575	29.2	6.1
MN & WI	1,828	2,186	2,117	15.8	-3.2
NM	5,285	6,085	4,828	-8.6	-20.7
ND		139	64		-54.0
PA	9,638	9,950	10,500	8.9	5.5
WA	12,809	13,901	14,983	17.0	7.8
Oth Sts ²	43,294	39,104	40,553		3.7
US	119,740	128,473	133,620	11.6	4.0
Atlantic	24,854	22,079	25,066	0.9	13.5
E N Central	7,475	6,461	4,892	-34.6	-24.3
W N Central	7,345	9,205	9,289	26.5	0.9
S Central	9,776	6,384	7,244	-25.9	13.5
West	70,290	84,344	87,129	24.0	3.3

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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	9,083	10,243	9,982	9.9	-2.5
MN	9,459	9,813	7,916	-16.3	-19.3
NY	9,572	9,847	10,642	11.2	8.1
PA	9,358	9,808	10,542	12.7	7.5
UT	1,102	2,261	2,523	128.9	11.6
WA	7,656	7,135	7,240	-5.4	1.5
WI	22,898	23,000	22,400	-2.2	-2.6
Oth Sts ²	21,025	23,242	20,736	-1.4	-10.8
US	90,153	95,349	91,981	2.0	-3.5
Atlantic	20,259	19,655	21,184	4.6	7.8
Central	41,446	42,829	39,640	-4.4	-7.4
West	28,448	32,865	31,157	9.5	-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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	10,996	8,250	9,038	-17.8	9.6
WI	8,256	9,160	8,574	3.9	-6.4
Oth Sts ²	21,008	25,223	23,044	9.7	-8.6
US	40,260	42,633	40,656	1.0	-4.6
E N Central	9,293	10,265	9,509	2.3	-7.4
W N Central	16,776	14,356	14,674	-12.5	2.2
West	12,445	16,266	14,451	16.1	-11.2

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, April 1998-99**

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	4,448	8,483	6,834	53.6	-19.4
MN	4,233	4,654	4,269	0.9	-8.3
WI	2,450	4,861	4,520	84.5	-7.0
Oth Sts ²	8,966	9,737	9,827	9.6	0.9
US	20,097	27,735	25,450	26.6	-8.2

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.

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

State	Apr 1998	Mar ¹ 1999	Apr 1999	Change From	
				Apr 1998	Mar 1999
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
CA	9,885	9,525	9,425	-4.7	-1.0
FL	1,941	1,900	1,600	-17.6	-15.8
GA	640	753	751	17.3	-0.3
IL	3,214	3,580	3,135	-2.5	-12.4
IN	5,973	5,600	6,106	2.2	9.0
ME	233	150	291	24.9	94.0
MD	1,950	1,562	1,951	0.1	24.9
MA	6,084	4,824	6,314	3.8	30.9
MI	2,185	1,400	2,000	-8.5	42.9
MN	3,832	3,735	4,040	5.4	8.2
NH	41				
NM	400	219	219	-45.3	
NY	2,813	2,800	2,700	-4.0	-3.6
NC	1,873	1,705	1,645	-12.2	-3.5
ND	82	115	113	37.8	-1.7
OH	3,557	3,400	2,964	-16.7	-12.8
OR	780	850	800	2.6	-5.9
PA	4,090	4,092	3,729	-8.8	-8.9
SD	2	2	2		
TN	1,016	1,550	1,270	25.0	-18.1
TX	4,986	4,901	4,750	-4.7	-3.1
UT	933	1,030	951	1.9	-7.7
WA	2,012	1,872	1,650	-18.0	-11.9
WI	838	805	722	-13.8	-10.3
Oth Sts ²	22,046	19,168	18,101		-5.6
US	81,406	75,538	75,229	-7.6	-0.4
N Atlantic	17,727	14,221	14,988	-15.5	5.4
S Atlantic	9,447	8,202	8,663	-8.3	5.6
E N Central	15,767	14,785	14,927	-5.3	1.0
W N Central	10,987	12,164	10,105	-8.0	-16.9
S Central	9,573	9,586	9,834	2.7	2.6
West	17,905	16,580	16,712	-6.7	0.8

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.

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

Product	Apr 1998	Mar 1999 ¹	Apr 1999	Change From	
				Apr 1998	Mar 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	8,294	8,168	8,452	1.9	3.5
Nonfat Dry Milk, Human	83,755	92,003	79,374	-5.2	-13.7
Dry Skim Milk, Animal	365	551	318	-12.9	-42.3
Dry Buttermilk, Human	2,612	4,502	2,490	-4.7	-44.7
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	38,706	39,769	40,726	5.2	2.4
Dry Whole Milk	6,672	6,414	5,263	-21.1	-17.9
Nonfat Dry Milk, Human	113,134	122,678	136,769	20.9	11.5
Dry Skim Milk, Animal	976	1,625	1,629	66.9	0.2
Dry Buttermilk, Total	5,755	6,083	6,666	15.8	9.6
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	118.00	121.81	117.86	-0.14	-3.95
Dry Skim Milk, Animal	61.68	54.35	53.30	-8.38	-1.05
Dry Buttermilk, Human	97.97	74.50	70.06	-27.91	-4.44

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 July 1, 1999.

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