

Dairy Products



USDA
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May 1997 Highlights

American type cheese production totaled 299 million pounds, 1.1 percent below May 1996 but 7.0 percent above April 1997.

Total cheese output (excluding cottage cheese) was 649 million pounds, 1.9 percent above May 1996 and 7.8 percent above April 1997.

Cream cottage cheese production was 30.8 million pounds, 3.7 percent below May 1996 but 4.9 percent above April 1997.

Lowfat cottage cheese production was 30.3 million pounds, 4.0 percent above May 1996 and 6.7 percent above April 1997.

Butter production was 103 million pounds in May, 2.2 percent above May 1996 but 12.2 percent below April 1997.

Frozen desserts: (comparisons with May 1996)

Ice cream, Regular (hard) --- 77.7 million gallons, down 2.7 percent.

Ice cream, Lowfat (total) --- 34.1 million gallons, down 6.5 percent.

Ice cream, Nonfat (hard) --- 3.05 million gallons, down 12.7 percent.

Sherbet (hard) --- 5.35 million gallons, up 8.8 percent.

Frozen Yogurt (total) --- 8.53 million gallons, down 27.9 percent.

Dry milk products: (comparisons with May 1996)

Nonfat dry milk for human food --- 132 million pounds, up 15.6 percent.

Dry whole milk --- 9.65 million pounds, down 13.1 percent.

Dry buttermilk --- 4.85 million pounds, up 23.2 percent.

Note:

The following tables have been added to the "Dairy Products" report and will be published monthly:

Cheddar cheese: Year-to-date

Mozzarella cheese: Year-to-date

Other Italian cheese: Year-to-date

Dry Whey, Human: Production by State

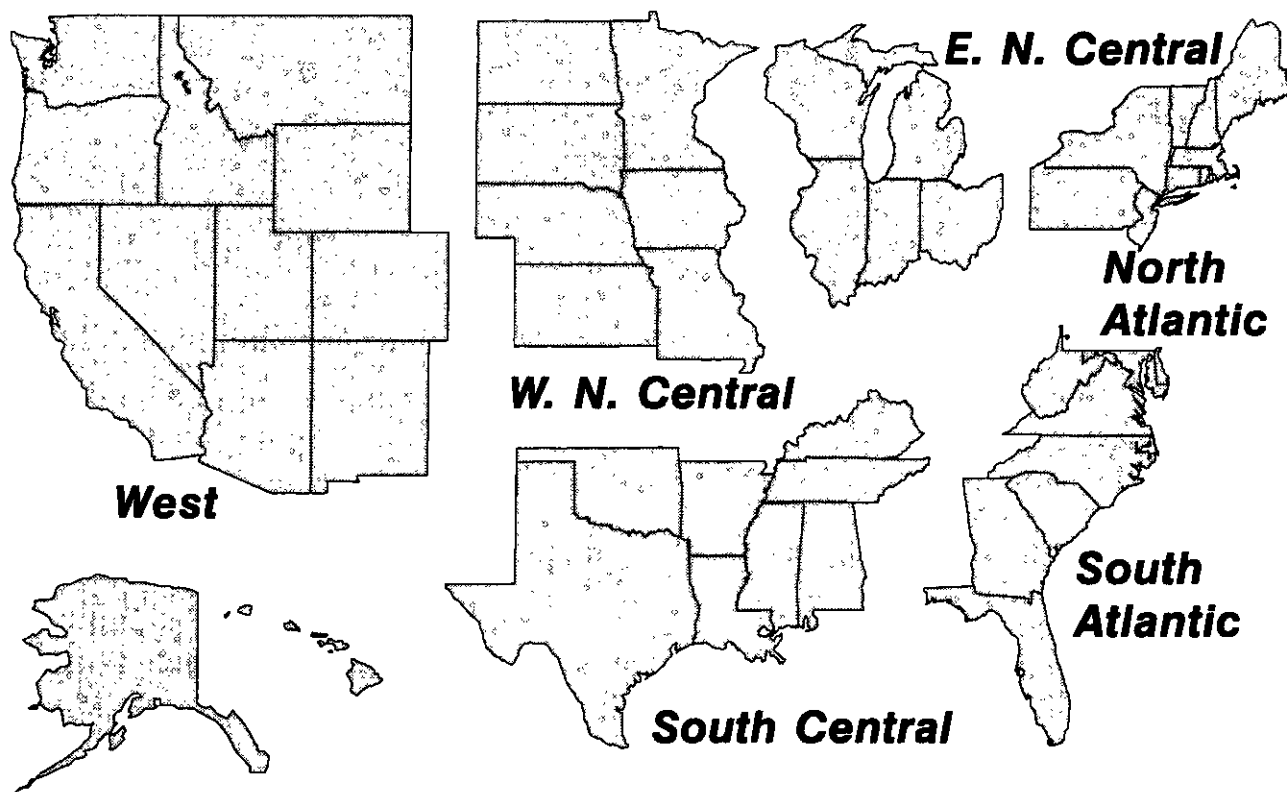
Lactose: Production by State

Whey Protein Concentrate, Human: Production by State

Correction:

The March 1997 Total Frozen Yogurt production should be 8,559,000 gallons. The Frozen Yogurt mix production for the same month should be 5,417,000 gallons.

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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, May, 1996-97**

Product	May 1996	Apr 1997 ¹	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	100,914	117,458	103,123	2.2	-12.2
Cheese					
American Types ²	302,187	279,162	298,807	-1.1	7.0
Cheddar	238,814	226,157	243,720	2.1	7.8
Swiss	20,817	16,316	18,787	-9.8	15.1
Brick and Muenster	9,672	9,189	8,934	-7.6	-2.8
Cream and Neufchatel	46,384	39,320	48,696	5.0	23.8
Blue	3,264	3,665	3,427	5.0	-6.5
Hispanic	6,323	5,724	5,947	-5.9	3.9
Mozzarella	192,406	189,500	202,974	5.5	7.1
Other Italian Types	46,743	50,382	51,495	10.2	2.2
Total Italian Types	239,149	239,882	254,469	6.4	6.1
All Other Types ³	8,748	8,443	9,778	11.8	15.8
Total	636,544	601,701	648,845	1.9	7.8
Cottage Cheese, Curd ⁴	39,808	38,256	40,188	1.0	5.1
Cottage Cheese, Cream ⁵	31,940	29,328	30,761	-3.7	4.9
Cottage Cheese, Lowfat ⁶	29,113	28,377	30,277	4.0	6.7
Canned Evaporated and Condensed Whole Milk	40,970	42,848	42,083	2.7	-1.8
Dry Whole Milk	11,101	7,028	9,646	-13.1	37.3
Nonfat Dry Milk, Human	114,445	127,255	132,349	15.6	4.0
Dry Skim Milk, Animal	706	459	513	-27.3	11.8
Dry Buttermilk	3,937	5,416	4,851	23.2	-10.4
Yogurt, Plain & Flavored	140,060	134,346	132,770	-5.2	-1.2
	<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	79,862	74,758	77,744	-2.7	4.0
Ice Cream, Lowfat, Hard	10,043	10,618	9,481	-5.6	-10.7
Ice Cream, Lowfat, Soft	26,452	20,755	24,653	-6.8	18.8
Ice Cream, Lowfat, Total	36,495	31,373	34,134	-6.5	8.8
Ice Cream, Nonfat, Hard	3,488	3,070	3,046	-12.7	-8
Sherbet, Hard	4,919	4,341	5,354	8.8	23.3
Water and Juice Ices	6,892	8,105	7,185	4.3	-11.4
Frozen Yogurt, Total	11,841	8,788	8,532	-27.9	-2.9
Regular & Lowfat, Hard	5,537	3,746	3,683	-33.5	-1.7
Nonfat, Hard	2,372	3,093	2,341	-1.3	-24.3
Other Frozen Dairy Products	1,405	1,020	1,192	-15.2	16.9
Mix for Frozen Products					
Ice Cream Mix	44,777	41,389	44,199	-1.3	6.8
Ice Cream, Lowfat, Mix	21,624	19,425	21,425	-.9	10.3
Ice Cream, Nonfat, Mix	2,127	1,872	1,749	-17.8	-6.6
Sherbet Mix	3,558	2,951	3,644	2.4	23.5
Yogurt Mix	7,494	5,562	5,400	-27.9	-2.9

¹ Revised.

² Includes Cheddar, Colby, Monterey, and Jack.

³ Does not include Part Skim cheese beginning January 1996 or Hispanic cheese beginning June 1996.

⁴ Mostly used for processing into cream or lowfat cottage cheese.

⁵ Fat content 4 percent or more.

⁶ Fat content less than 4 percent.

**Whey and Modified Whey Products: Production, Stocks,
and Prices, United States, May, 1996-97**

Product	May 1996	Apr 1997 ¹	May 1997	Change From	
				May 1996	Apr 1997
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	9,813	9,495	12,387	26.2	30.5
Sweet-Type, Animal	2,269	2,045	2,235	-1.5	9.3
Dry Whey Products					
Dry Whey, Human	94,191	87,145	97,120	3.1	11.4
Dry Whey, Animal	6,662	5,744	5,589	-16.1	-2.7
Reduced Lactose and Minerals					
Human Food	6,785	5,221	4,984	-26.5	-4.5
Animal Feed	2,199	2,479	2,719	23.6	9.7
Lactose, Human and Animal	32,314	35,375	39,898	23.5	12.8
Whey					
Solids in Wet Blends, Animal	6,648	6,043	6,963	4.7	15.2
Protein Concentrate, Human	22,165	23,360	26,989	21.8	15.5
Protein Concentrate, Animal	3,000	2,916	3,070	2.3	5.3
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	38,009	26,905	31,970	-15.9	18.8
Dry Whey, Animal	5,544	5,745	4,437	-20.0	-22.8
Reduced Lactose and Minerals					
Human and Animal ⁴	8,085	12,436	12,940	60.0	4.1
Lactose, Human and Animal	19,802	19,916	22,859	15.4	14.8
Whey Protein Concentrate, Human	10,697	8,782	10,727	.3	22.1
Whey Protein Concentrate, Animal	440	728	811	84.3	11.4
Manufacturers' Selling Price ⁵					
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents Change</i>	<i>Cents Change</i>
Dry Whey, Human	21.0	19.3	18.1	-2.9	-1.2
Dry Whey, Animal	20.4	17.0	16.8	-3.6	-2

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, 1996-97**

Product and Month	By Month			Cumulative		
	1996	1997	Change From 1996	1996	1997	Change From 1996
	<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	589,952	596,052	1.0	589,952	596,052	1.0
Feb	576,024	574,617	-.2	1,165,976	1,170,669	.4
Mar	625,400	638,073	2.0	1,791,376	1,808,742	1.0
Apr	606,017	601,701	-.7	2,397,393	2,410,443	.5
May	636,544	648,845	1.9	3,033,937	3,059,288	.8
Jun	595,823			3,629,760		
Jul	582,210			4,211,970		
Aug	589,483			4,801,453		
Sep	584,468			5,385,921		
Oct	612,242			5,998,163		
Nov	595,495			6,593,658		
Dec	623,886			7,217,544		
American Cheese						
Jan	275,726	278,873	1.1	275,726	278,873	1.1
Feb	266,815	266,818		542,541	545,691	.6
Mar	284,675	284,897	.1	827,216	830,588	.4
Apr	278,037	279,162	.4	1,105,253	1,109,750	.4
May	302,187	298,807	-1.1	1,407,440	1,408,557	.1
Jun	278,510			1,685,950		
Jul	269,320			1,955,270		
Aug	262,260			2,217,530		
Sep	254,489			2,472,019		
Oct	266,208			2,738,227		
Nov	262,203			3,000,430		
Dec	280,369			3,280,799		
Cheddar Cheese						
Jan	216,472	215,919	-.3	216,472	215,919	-.3
Feb	207,412	208,135	.3	423,884	424,054	
Mar	226,096	231,626	2.4	649,980	655,680	.9
Apr	219,048	226,157	3.2	869,028	881,837	1.5
May	238,814	243,720	2.1	1,107,842	1,125,557	1.6
Jun	218,137			1,325,979		
Jul	206,801			1,532,782		
Aug	197,738			1,730,518		
Sep	196,774			1,927,292		
Oct	205,862			2,133,154		
Nov	199,753			2,332,907		
Dec	216,085			2,548,992		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1996-97 (continued)**

Product and Month	By Month			Cumulative		
	1996	1997	Change From 1996	1996	1997	Change From 1996
	<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.	234,299	233,867	-2	234,299	233,867	-2
Feb	230,311	227,335	-1.3	464,610	461,202	-7
Mar	248,911	256,477	3.0	713,521	717,679	.6
Apr	238,601	239,882	.5	952,122	957,561	.6
May	239,149	254,469	6.4	1,191,271	1,212,030	1.7
Jun	223,238			1,414,509		
Jul	225,012			1,639,521		
Aug	231,172			1,870,693		
Sep	231,391			2,102,084		
Oct	234,731			2,336,815		
Nov	230,654			2,567,469		
Dec	244,928			2,812,397		
Mozzarella Cheese						
Jan	187,781	187,757		187,781	187,757	
Feb	186,002	184,700	-.7	373,783	372,457	-.4
Mar	196,355	198,327	1.0	570,138	570,784	.1
Apr	190,988	189,500	-.8	761,126	760,284	-.1
May	192,406	202,974	5.5	953,532	963,258	1.0
Jun	180,156			1,133,688		
Jul	179,460			1,313,148		
Aug	186,596			1,499,744		
Sep	186,238			1,685,982		
Oct	187,062			1,873,044		
Nov	183,362			2,056,406		
Dec	193,808			2,250,214		
Other Italian						
Jan	46,518	46,110	-.9	46,518	46,110	-.9
Feb	44,309	42,635	-3.8	90,827	88,745	-2.3
Mar	52,556	58,150	10.6	143,383	146,895	2.4
Apr	47,613	50,382	5.8	190,996	197,277	3.3
May	46,743	51,495	10.2	237,739	248,772	4.6
Jun	43,082			280,821		
Jul	45,552			326,373		
Aug	44,576			370,949		
Sep	45,153			416,102		
Oct	47,669			463,771		
Nov	47,292			511,063		
Dec	51,120			562,183		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1996-97 (continued)**

Product and Month	By Month			Cumulative		
	1996	1997	Change From 1996	1996	1997	Change From 1996
	<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	132,408	123,966	-6.4	132,408	123,966	-6.4
Feb	114,734	108,259	-5.6	247,142	232,225	-6.0
Mar	111,937	104,081	-7.0	359,079	336,306	-6.3
Apr	109,345	117,458	7.4	468,424	453,764	-3.1
May	100,914	103,123	2.2	569,338	556,887	-2.2
Jun	72,716			642,054		
Jul	75,175			717,229		
Aug	73,217			790,446		
Sep	80,743			871,189		
Oct	96,623			967,812		
Nov	95,343			1,063,155		
Dec	111,320			1,174,475		
Nonfat Dry Milk, Human						
Jan	97,413	97,288	-.1	97,413	97,288	-.1
Feb	93,091	91,984	-1.2	190,504	189,272	-.6
Mar	105,442	109,033	3.4	295,946	298,305	.8
Apr	116,790	127,255	9.0	412,736	425,560	3.1
May	114,445	132,349	15.6	527,181	557,909	5.8
Jun	94,341			621,522		
Jul	78,849			700,371		
Aug	61,427			761,798		
Sep	56,034			817,832		
Oct	65,690			883,522		
Nov	76,732			960,254		
Dec	101,517			1,061,771		
Total Dry Whey ¹						
Jan	94,663	92,568	-2.2	94,663	92,568	-2.2
Feb	94,917	86,944	-8.4	189,580	179,512	-5.3
Mar	98,371	97,365	-1.0	287,951	276,877	-3.8
Apr	99,674	92,889	-6.8	387,625	369,766	-4.6
May	100,853	102,709	1.8	488,478	472,475	-3.3
Jun	98,053			586,531		
Jul	95,368			681,899		
Aug	93,238			775,137		
Sep	86,030			861,167		
Oct	87,603			948,770		
Nov	78,765			1,027,535		
Dec	88,979			1,116,514		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1996-97 (continued)**

Product and Month	By Month			Cumulative		
	1996	1997	Change From 1996	1996	1997	Change From 1996
	<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	29,524	28,672	-2.9	29,524	28,672	-2.9
Feb	29,167	27,807	-4.7	58,691	56,479	-3.8
Mar	30,203	29,471	-2.4	88,894	85,950	-3.3
Apr	29,365	29,328	-.1	118,259	115,278	-2.5
May	31,940	30,761	-3.7	150,199	146,039	-2.8
Jun	29,813			180,012		
Jul	32,230			212,242		
Aug	32,058			244,300		
Sep	30,607			274,907		
Oct	30,662			305,569		
Nov	27,864			333,433		
Dec	26,980			360,413		
Lowfat Cottage Cheese						
Jan	25,843	26,851	3.9	25,843	26,851	3.9
Feb	26,672	26,731	.2	52,515	53,582	2.0
Mar	27,930	29,676	6.3	80,445	83,258	3.5
Apr	28,295	28,377	.3	108,740	111,635	2.7
May	29,113	30,277	4.0	137,853	141,912	2.9
Jun	27,375			165,228		
Jul	30,250			195,478		
Aug	29,428			224,906		
Sep	28,290			253,196		
Oct	27,118			280,314		
Nov	25,537			305,851		
Dec	24,039			329,890		
	<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	56,419	58,621	3.9	56,419	58,621	3.9
Feb	62,337	63,204	1.4	118,756	121,825	2.6
Mar	68,258	72,641	6.4	187,014	194,466	4.0
Apr	74,011	74,758	1.0	261,025	269,224	3.1
May	79,862	77,744	-2.7	340,887	346,968	1.8
Jun	85,562			426,449		
Jul	86,931			513,380		
Aug	77,490			590,870		
Sep	67,962			658,832		
Oct	62,395			721,227		
Nov	50,905			772,132		
Dec	53,106			825,238		

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1996-97 (continued)**

Product and Month	By Month			Cumulative		
	1996	1997	Change From 1996	1996	1997	Change From 1996
	<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	23,291	23,205	-4	23,291	23,205	-4
Feb	24,704	23,501	-4.9	47,995	46,706	-2.7
Mar	31,952	31,646	-1.0	79,947	78,352	-2.0
Apr	33,111	31,373	-5.2	113,058	109,725	-2.9
May	36,495	34,134	-6.5	149,553	143,859	-3.8
Jun	38,647			188,200		
Jul	39,578			227,778		
Aug	36,666			264,444		
Sep	29,763			294,207		
Oct	27,135			321,342		
Nov	23,452			344,794		
Dec	21,332			366,126		
Ice Cream, NF, Hard						
Jan	2,383	2,117	-11.2	2,383	2,117	-11.2
Feb	2,679	2,690	.4	5,062	4,807	-5.0
Mar	3,541	2,544	-28.2	8,603	7,351	-14.6
Apr	3,148	3,070	-2.5	11,751	10,421	-11.3
May	3,488	3,046	-12.7	15,239	13,467	-11.6
Jun	3,402			18,641		
Jul	3,828			22,469		
Aug	3,244			25,713		
Sep	3,087			28,800		
Oct	2,832			31,632		
Nov	1,836			33,468		
Dec	1,722			35,190		
Sherbet, Hard						
Jan	3,489	3,331	-4.5	3,489	3,331	-4.5
Feb	3,587	3,611	.7	7,076	6,942	-1.9
Mar	4,245	4,085	-3.8	11,321	11,027	-2.6
Apr	4,526	4,341	-4.1	15,847	15,368	-3.0
May	4,919	5,354	8.8	20,766	20,722	-.2
Jun	5,113			25,879		
Jul	5,704			31,583		
Aug	4,975			36,558		
Sep	3,649			40,207		
Oct	3,440			43,647		
Nov	2,765			46,412		
Dec	3,081			49,493		
Frozen Yogurt						
Jan	8,538	6,467	-24.3	8,538	6,467	-24.3
Feb	9,295	8,034	-13.6	17,833	14,501	-18.7
Mar	10,815	8,559	-20.9	28,648	23,289	-18.7
Apr	11,308	8,788	-22.3	39,956	32,077	-19.7
May	11,841	8,532	-27.9	51,797	40,609	-21.6
Jun	10,949			62,746		
Jul	12,321			75,067		
Aug	11,205			86,272		
Sep	9,480			95,752		
Oct	8,502			104,254		
Nov	7,205			111,459		
Dec	6,672			118,131		

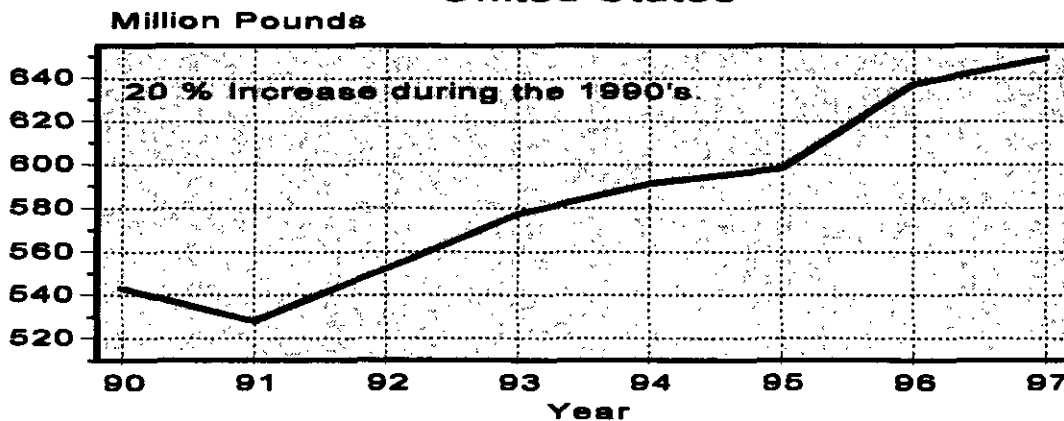
¹ Excludes all modified dry whey products.

Total Cheese, Excluding Cottage Cheese: Production by State and United States, May 1996-97

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	94,502	99,260	106,648	12.9	7.4
ID	33,631	37,393	39,931	18.7	6.8
IL	9,857	9,613	9,559	-3.0	-6
IA	18,908	15,893	20,547	8.7	29.3
KS	3,234	2,936	2,923	-9.6	-4
MA	83	78	83	.0	6.4
MI	9,463	9,740	9,890	4.5	1.5
MN	62,123	55,133	59,456	-4.3	7.8
MO	15,607	12,905	13,584	-13.0	5.3
NE	9,906	7,867	7,479	-24.5	-4.9
NY	51,179	49,562	53,912	5.3	8.8
ND	2,450	2,000	2,135	-12.9	6.8
OH	9,436	9,737	9,957	5.5	2.3
OR	4,340	4,259	4,498	3.6	5.6
PA	31,399	26,676	30,945	-1.4	16.0
SD	11,825	11,546	11,383	-3.7	-1.4
TN	1,408	2,004	2,004	42.3	.0
UT	9,336	5,171	5,893	-36.9	14.0
VT	12,086	8,120	8,811	-27.1	8.5
WA	9,157	9,138	9,915	8.3	8.5
WI	181,162	168,973	180,381	-4	6.8
Oth Sts ¹	55,452	53,697	58,911	6.2	9.7
US	636,544	601,701	648,845	1.9	7.8
N Atlantic	99,915	89,456	98,883	-1.0	10.5
S Atlantic	1,973	2,224	2,079	5.4	-6.5
E N Central	211,338	199,291	211,107	-.1	5.9
W N Central	124,053	108,280	117,507	-5.3	8.5
S Central	13,552	13,621	13,758	1.5	1.0
West	185,713	188,829	205,511	10.7	8.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

May Total Cheese Production United States



American Cheese: Production by State and United States, May 1996-97

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	38,742	38,161	44,387	14.6	16.3
ID	32,699	34,118	36,693	12.2	7.5
IA	8,787	8,354	8,764	-.3	4.9
KS	3,234	2,936	2,923	-9.6	-.4
MN	53,553	46,057	50,030	-6.6	8.6
NY	8,895	8,478	9,063	1.9	6.9
ND	2,450	2,000	2,135	-12.9	6.8
OH	2,957	2,891	2,986	1.0	3.3
SD	4,691	4,252	4,130	-12.0	-2.9
TN	1,408	2,004	2,004	42.3	.0
UT	3,005	2,403	3,038	1.1	26.4
WA	4,756	5,068	5,099	7.2	.6
WI	87,636	79,000	83,500	-4.7	5.7
Oth Sts ¹	49,374	43,440	44,055	-10.8	1.4
US	302,187	279,162	298,807	-1.1	7.0
Atlantic	15,753	13,363	13,800	-12.4	3.3
E N Central	92,324	83,391	88,105	-4.6	5.7
W N Central	78,615	69,191	73,126	-7.0	5.7
S Central	13,415	13,474	13,494	.6	.1
West	102,080	99,743	110,282	8.0	10.6

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Mozzarella Cheese: Production by State and United States, May 1996-97

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,276	46,628	47,658	12.7	2.2
ID	578	386	547	-5.4	41.7
NY	17,504	18,313	18,429	5.3	.6
PA	19,889	18,320	21,422	7.7	16.9
VT	4,302	2,772	2,805	-34.8	1.2
WI	52,319	52,000	54,000	3.2	3.8
Oth Sts ¹	55,538	51,081	58,113	4.6	13.8
US	192,406	189,500	202,974	5.5	7.1
Atlantic	44,192	41,848	45,126	2.1	7.8
E N Central	63,202	63,484	65,501	3.6	3.2
W N Central	21,994	16,402	18,723	-14.9	14.2
West	63,018	67,766	73,624	16.8	8.6

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Butter: Production by State and United States, May 1996-97

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	24,326	33,372	28,383	16.7	-14.9
MI	2,760	2,400	2,800	1.4	16.7
MN	5,433	6,524	6,124	12.7	-6.1
NY	2,364	2,355	2,351	-5	-2
ND	349	317	371	6.3	17.0
OR	1,838	2,100	2,040	11.0	-2.9
PA	7,253	6,130	6,045	-16.7	-1.4
WA	8,500	9,047	8,257	-2.9	-8.7
WI	25,392	28,000	25,500	.4	-8.9
Oth Sts ¹	22,699	27,213	21,252	-6.4	-21.9
US	100,914	117,458	103,123	2.2	-12.2
N Atlantic	11,501	12,122	10,306	-10.4	-15.0
S Atlantic	3,684	4,586	3,577	-2.9	-22.0
E N Central	33,819	37,517	33,701	-3	-10.2
W N Central	9,726	11,200	10,644	9.4	-5.0
S Central	6,707	7,338	6,099	-9.1	-16.9
West	35,477	44,695	38,796	9.4	-13.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Nonfat Dry Milk, Human: Production by State
and United States, May 1996-97**

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	37,040	53,309	50,345	35.9	-5.6
IA	5,477	6,179	6,733	22.9	9.0
MI	4,688	4,776	7,139	52.3	49.5
MN	2,247	1,176	1,828	-18.6	55.4
NM	2,936	3,599	3,288	12.0	-8.6
NY	2,940	1,888	2,007	-31.7	6.3
TN	877				
WA	17,101	15,164	16,776	-1.9	10.6
WI	4,532	3,000	3,150	-30.5	5.0
Oth Sts ¹	36,607	38,164	41,083	12.2	7.6
US	114,445	127,255	132,349	15.6	4.0
Atlantic	20,253	22,960	25,923	28.0	12.9
E N Central	10,779	9,493	12,680	17.6	33.6
W N Central	12,285	8,817	10,194	-17.0	15.6
S Central	8,518	7,664	7,288	-14.4	-4.9
West	62,610	78,321	76,264	21.8	-2.6

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Dry Whey, Human: Production by State
and United States, May 1996-97**

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	6,632	9,938	10,253	54.6	3.2
MI	4,335	3,500	5,400	24.6	54.3
MN	13,150	10,063	10,589	-19.5	5.2
NY	9,748	10,035	9,757	.1	-2.8
UT	1,590	2,087	2,510	57.9	20.3
WA	4,148	4,234	4,544	9.5	7.3
WI	28,151	23,500	27,000	-4.1	14.9
Oth Sts ¹	26,437	23,788	27,067	2.4	13.8
US	94,191	87,145	97,120	3.1	11.4
Atlantic	16,966	14,958	15,621	-7.9	4.4
N Central	51,013	41,926	49,397	-3.2	17.8
West	21,703	25,658	27,499	26.7	7.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Lactose: Production by State and
United States, May 1996-97**

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	9,221	8,957	10,525	14.1	17.5
WI	8,695	8,573	9,411	8.2	9.8
Oth Sts ¹	14,398	17,845	19,962	38.6	11.9
US	32,314	35,375	39,898	23.5	12.8
E N Central	8,695	8,573	9,411	8.2	9.8
W N Central	15,554	14,366	16,213	4.2	12.9
West	7,273	10,710	12,634	73.7	18.0

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Whey Protein Concentrate, Human: Production by State
and United States, May 1996-97**

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	2,952	3,561	3,674	24.5	3.2
MN	4,062	6,485	5,321	31.0	-17.9
WI	6,614	6,300	9,100	37.6	44.4
Oth Sts ¹	8,537	7,014	8,894	4.2	26.8
US	22,165	23,360	26,989	21.8	15.5

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Hard: Production by State and United States, May 1996-97

State	May 1996	Apr 1997	May 1997	Change From	
				May 1996	Apr 1997
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
AZ	751	546	543	-27.7	-5
AR	344	327	253	-26.5	-22.6
CA	9,735	9,742	10,095	3.7	3.6
FL	2,348	1,600	1,800	-23.3	12.5
GA	1,056	934	975	-7.7	4.4
ID	670	763	674	.6	-11.7
IL	3,234	2,966	2,878	-11.0	-3.0
IN	3,783	4,974	5,070	34.0	1.9
KS	252	338	256	1.6	-24.3
KY	469	464	455	-3.0	-1.9
ME	137	155	186	35.8	20.0
MD	1,739	1,917	1,817	4.5	-5.2
MA	4,903	5,250	5,523	12.6	5.2
MI	2,666	1,800	2,500	-6.2	38.9
MN	3,898	3,691	3,801	-2.5	3.0
MO	1,439	1,140	1,300	-9.7	14.0
NM	547	560	560	2.4	.0
NY	2,845	3,000	2,000	-29.7	-33.3
NC	2,918	2,290	2,054	-29.6	-10.3
ND	84	97	75	-10.7	-22.7
OH	4,253	3,400	3,700	-13.0	8.8
OR	1,027	950	990	-3.6	4.2
PA	4,434	4,595	4,425	-.2	-3.7
SC	1,132	1,228	1,047	-7.5	-14.7
TN	946	970	1,010	6.8	4.1
TX	4,041	4,246	4,919	21.7	15.9
UT	976	930	996	2.0	7.1
VT	1,179	725	924	-21.6	27.4
WA	2,075	1,778	1,881	-9.3	5.8
WI	791	750	790	-.1	5.3
Oth Sts ¹	15,190	12,632	14,247	-6.2	12.8
US	79,862	74,758	77,744	-2.7	4.0
N Atlantic	16,964	16,644	16,111	-5.0	-3.2
S Atlantic	10,947	8,821	9,095	-16.9	3.1
E N Central	14,727	13,890	14,938	1.4	7.5
W N Central	11,197	9,694	10,703	-4.4	10.4
S Central	8,436	7,976	8,951	6.1	12.2
West	17,591	17,733	17,946	2.0	1.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Canned Milk and Dry Milk Products: Manufacturers' shipments,
Stocks, and Selling Prices, May, 1996-97**

Product	May 1996	Apr 1997 ¹	May 1997	Change From	
				May 1996	Apr 1997
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	9,829	6,594	5,180	-47.3	-21.4
Nonfat Dry Milk, Human	105,029	77,145	84,814	-19.2	9.9
Dry Skim Milk, Animal	610	558	450	-26.2	-19.4
Dry Buttermilk, Human	3,595	2,677	2,218	-38.3	-17.1
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	51,780	27,210	36,626	-29.3	34.6
Dry Whole Milk	9,391	4,267	6,161	-34.4	44.4
Nonfat Dry Milk, Human	86,463	121,293	151,167	74.8	24.6
Dry Skim Milk, Animal	1,305	610	880	-32.6	44.3
Dry Buttermilk, Total	3,137	3,977	4,280	36.4	7.6
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	123.92	125.77	116.91	-7.01	-8.86
Nonfat Dry Milk, Human	111.46	112.26	108.77	-2.69	-3.49
Dry Skim Milk, Animal	65.08	57.75	58.06	-7.02	.31
Dry Buttermilk, Human	103.00	105.38	108.45	5.45	3.07

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 1,420 manufacturers that made one or more products in 1996. 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 August 4, 1997.

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