

Dairy Products



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September 1997 Highlights

American type cheese production totaled 262 million pounds, 2.9 percent above September 1996 and 1.2 percent above August 1997.

Total cheese output (excluding cottage cheese) was 612 million pounds, 4.6 percent above September 1996 and 1.8 percent above August 1997.

Cream cottage cheese production was 31.9 million pounds, 4.3 percent above September 1996 but 1.6 percent below August 1997.

Lowfat cottage cheese production was 30.7 million pounds, 8.6 percent above September 1996 and 3.4 percent above August 1997.

Butter production was 79.0 million pounds in September, 2.1 percent below September 1996 but 12.4 percent above August 1997.

Frozen dessert: (comparisons with September 1996)

Ice cream, Regular (hard) --- 67.2 million gallons, down 1.1 percent.

Ice cream, Lowfat (total) --- 29.1 million gallons, down 2.3 percent.

Ice cream, Nonfat (hard) --- 2.90 million gallons, down 6.1 percent.

Sherbet (hard) --- 3.55 million gallons, down 2.6 percent.

Frozen Yogurt (total) --- 8.02 million gallons, down 15.5 percent.

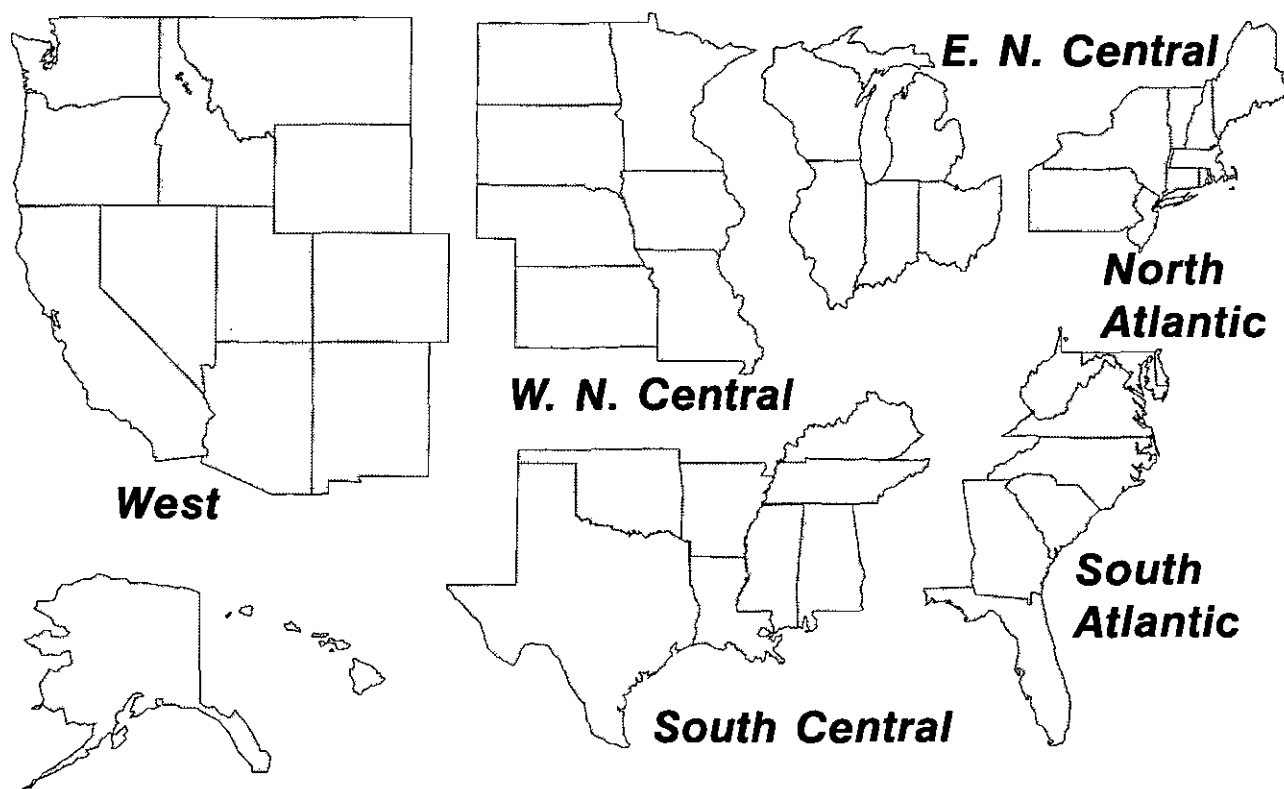
Dry milk products: (comparisons with September 1996)

Nonfat dry milk for human food --- 78.7 million pounds, up 40.4 percent.

Dry whole milk --- 11.5 million pounds, up 34.0 percent.

Dry buttermilk --- 2.61 million pounds, down 22.1 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, September, 1996-97**

Product	Sep 1996	Aug 1997 ¹	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	80,743	70,316	79,011	-2.1	12.4
Cheese					
American Types ²	254,489	258,742	261,867	2.9	1.2
Cheddar	196,774	206,937	209,739	6.6	1.4
Swiss	17,768	17,183	16,231	-8.7	-5.5
Brick and Muenster	10,262	9,556	9,104	-11.3	-4.7
Cream and Neufchatel	51,715	49,898	61,468	18.9	23.2
Blue	3,524	3,080	3,837	8.9	24.6
Hispanic	5,343	6,110	6,019	12.7	-1.5
Mozzarella	186,238	194,596	188,327	1.1	-3.2
Other Italian Types	45,153	51,079	56,659	25.5	10.9
Total Italian Types	231,391	245,675	244,986	5.9	-0.3
All Other Types ³	9,976	10,768	11,318	13.5	5.1
Total	584,468	601,012	611,633	4.6	1.8
Cottage Cheese, Curd ⁴	38,200	39,000	40,290	5.5	3.3
Cottage Cheese, Cream ⁵	30,607	32,447	31,913	4.3	-1.6
Cottage Cheese, Lowfat ⁶	28,290	29,716	30,728	8.6	3.4
Canned Evaporated and Condensed Whole Milk	34,431	37,595	38,429	11.6	2.2
Dry Whole Milk	8,608	11,252	11,535	34.0	2.5
Nonfat Dry Milk, Human	56,034	90,804	78,692	40.4	-13.3
Dry Skim Milk, Animal	239	482	359	50.2	-25.5
Dry Buttermilk	3,345	2,817	2,606	-22.1	-7.5
Yogurt, Plain & Flavored	145,820	132,294	159,094	9.1	20.3
	<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	67,962	75,112	67,204	-1.1	-10.5
Ice Cream, Lowfat, Hard	9,144	9,884	8,668	-5.2	-12.3
Ice Cream, Lowfat, Soft	20,619	23,619	20,421	-1.0	-13.5
Ice Cream, Lowfat, Total	29,763	33,503	29,089	-2.3	-13.2
Ice Cream, Nonfat, Hard	3,087	3,101	2,899	-6.1	-6.5
Sherbet, Hard	3,649	4,230	3,554	-2.6	-16.0
Water and Juice Ices	4,498	5,729	4,547	1.1	-20.6
Frozen Yogurt, Total	9,480	8,142	8,015	-15.5	-1.6
Regular & Lowfat, Hard	4,644	3,147	3,505	-24.5	11.4
Nonfat, Hard	2,007	2,295	2,240	11.6	-2.4
Other Frozen Dairy Products	1,193	1,213	1,035	-13.2	-14.7
Mix for Frozen Products					
Ice Cream Mix	37,244	41,349	36,991	-0.7	-10.5
Ice Cream, Lowfat, Mix	17,036	20,948	18,176	6.7	-13.2
Ice Cream, Nonfat, Mix	1,795	1,745	1,698	-5.4	-2.7
Sherbet Mix	2,774	2,993	2,463	-11.2	-17.7
Yogurt Mix	6,000	5,153	5,073	-15.5	-1.6

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, September, 1996-97**

Product	Sep 1996	Aug 1997 ¹	Sep 1997	Change From	
				Sep 1996	Aug 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	5,996	3,721	3,759	-37.3	1.0
Sweet-Type, Animal	2,442	2,244	2,177	-10.9	-3.0
Dry Whey Products					
Dry Whey, Human	79,280	89,467	86,419	9.0	-3.4
Dry Whey, Animal	6,750	4,288	4,127	-38.9	-3.8
Reduced Lactose and Minerals					
Human Food	5,853	4,556	4,342	-25.8	-4.7
Animal Feed	2,057	2,400	2,280	10.8	-5.0
Lactose, Human and Animal	32,705	38,652	36,604	11.9	-5.3
Whey					
Solids in Wet Blends, Animal	5,641	5,550	5,007	-11.2	-9.8
Protein Concentrate, Human	20,063	22,447	21,606	7.7	-3.7
Protein Concentrate, Animal	2,753	2,866	2,905	5.5	1.4
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	30,607	31,311	29,446	-3.8	-6.0
Dry Whey, Animal	4,705	2,680	2,484	-47.2	-7.3
Reduced Lactose and Minerals					
Human and Animal ⁴	4,877	12,724	11,279	131.3	-11.4
Lactose, Human and Animal	17,481	24,625	23,588	34.9	-4.2
Whey Protein Concentrate, Human	5,706	8,280	8,797	54.2	6.2
Whey Protein Concentrate, Animal	551	1,095	1,117	102.7	2.0
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, Human	22.6	21.4	22.6	0.0	1.2
Dry Whey, Animal	20.4	20.6	21.8	1.4	1.2

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	-0.2	1,165,976	1,170,669	0.4
Mar	625,400	638,073	2.0	1,791,376	1,808,742	1.0
Apr	606,017	601,701	-0.7	2,397,393	2,410,443	0.5
May	636,544	640,474	0.6	3,033,937	3,050,917	0.6
Jun	595,823	627,510	5.3	3,629,760	3,678,427	1.3
Jul	582,210	615,269	5.7	4,211,970	4,293,696	1.9
Aug	589,483	601,012	2.0	4,801,453	4,894,708	1.9
Sep	584,468	611,633	4.6	5,385,921	5,506,341	2.2
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	0.6
Mar	284,675	284,897	0.1	827,216	830,588	0.4
Apr	278,037	279,162	0.4	1,105,253	1,109,750	0.4
May	302,187	294,880	-2.4	1,407,440	1,404,630	-0.2
Jun	278,510	286,145	2.7	1,685,950	1,690,775	0.3
Jul	269,320	283,901	5.4	1,955,270	1,974,676	1.0
Aug	262,260	258,742	-1.3	2,217,530	2,233,418	0.7
Sep	254,489	261,867	2.9	2,472,019	2,495,285	0.9
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	-0.3	216,472	215,919	-0.3
Feb	207,412	208,135	0.3	423,884	424,054	
Mar	226,096	231,626	2.4	649,980	655,680	0.9
Apr	219,048	226,157	3.2	869,028	881,837	1.5
May	238,814	239,487	0.3	1,107,842	1,121,324	1.2
Jun	218,137	233,064	6.8	1,325,979	1,354,388	2.1
Jul	206,801	228,512	10.5	1,532,780	1,582,900	3.3
Aug	197,738	206,937	4.7	1,730,518	1,789,837	3.4
Sep	196,774	209,739	6.6	1,927,292	1,999,576	3.8
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	-0.2	234,299	233,867	-0.2
Feb	230,311	227,335	-1.3	464,610	461,202	-0.7
Mar	248,911	256,477	3.0	713,521	717,679	0.6
Apr	238,601	239,882	0.5	952,122	957,561	0.6
May	239,149	251,316	5.1	1,191,271	1,208,877	1.5
Jun	223,238	241,800	8.3	1,414,509	1,450,677	2.6
Jul	225,012	240,919	7.1	1,639,521	1,691,596	3.2
Aug	231,172	245,675	6.3	1,870,693	1,937,271	3.6
Sep	231,391	244,986	5.9	2,102,084	2,182,257	3.8
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	-0.7	373,783	372,457	-0.4
Mar	196,355	198,327	1.0	570,138	570,784	0.1
Apr	190,988	189,500	-0.8	761,126	760,284	-0.1
May	192,406	199,537	3.7	953,532	959,821	0.7
Jun	180,156	187,653	4.2	1,133,688	1,147,474	1.2
Jul	179,460	191,304	6.6	1,313,148	1,338,778	2.0
Aug	186,596	194,596	4.3	1,499,744	1,533,374	2.2
Sep	186,238	188,327	1.1	1,685,982	1,721,701	2.1
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	-0.9	46,518	46,110	-0.9
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	51,779	10.8	237,739	249,056	4.8
Jun	43,082	54,147	25.7	280,821	303,203	8.0
Jul	45,552	49,615	8.9	326,373	352,818	8.1
Aug	44,576	51,079	14.6	370,949	403,897	8.9
Sep	45,153	56,659	25.5	416,102	460,556	10.7
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	103,090	2.2	569,338	556,854	-2.2
Jun	72,716	81,794	12.5	642,054	638,648	-0.5
Jul	75,175	81,853	8.9	717,229	720,501	0.5
Aug	73,217	70,316	-4.0	790,446	790,817	0.0
Sep	80,743	79,011	-2.1	871,189	869,828	-0.2
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	-0.1	97,413	97,288	-0.1
Feb	93,091	91,984	-1.2	190,504	189,272	-0.6
Mar	105,442	109,033	3.4	295,946	298,305	0.8
Apr	116,790	127,255	9.0	412,736	425,560	3.1
May	114,445	132,797	16.0	527,181	558,357	5.9
Jun	94,341	120,336	27.6	621,522	678,693	9.2
Jul	78,849	111,986	42.0	700,371	790,679	12.9
Aug	61,427	90,804	47.8	761,798	881,483	15.7
Sep	56,034	78,692	40.4	817,832	960,175	17.4
Oct	65,690			883,522		
Nov	76,732			960,254		
Dec	101,517			1,061,771		
Total Dry Whey¹						
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	102,061	1.2	488,478	471,827	-3.4
Jun	98,053	101,402	3.4	586,531	573,229	-2.3
Jul	95,368	102,444	7.4	681,899	675,673	-0.9
Aug	93,238	93,755	0.6	775,137	769,428	-0.7
Sep	86,030	90,546	5.2	861,167	859,974	-0.1
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	-0.1	118,259	115,278	-2.5
May	31,940	30,963	-3.1	150,199	146,241	-2.6
Jun	29,813	30,146	1.1	180,012	176,387	-2.0
Jul	32,230	32,520	0.9	212,242	208,907	-1.6
Aug	32,058	32,447	1.2	244,300	241,354	-1.2
Sep	30,607	31,913	4.3	274,907	273,267	-0.6
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	0.2	52,515	53,582	2.0
Mar	27,930	29,676	6.3	80,445	83,258	3.5
Apr	28,295	28,377	0.3	108,740	111,635	2.7
May	29,113	30,414	4.5	137,853	142,049	3.0
Jun	27,375	28,542	4.3	165,228	170,591	3.2
Jul	30,250	31,010	2.5	195,478	201,601	3.1
Aug	29,428	29,716	1.0	224,906	231,317	2.9
Sep	28,290	30,728	8.6	253,196	262,045	3.5
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	78,239	-2.0	340,887	347,463	1.9
Jun	85,562	84,540	-1.2	426,449	432,003	1.3
Jul	86,931	84,807	-2.4	513,380	516,810	0.7
Aug	77,490	75,112	-3.1	590,870	591,922	0.2
Sep	67,962	67,204	-1.1	658,832	659,126	
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	-0.4	23,291	23,205	-0.4
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	33,650	-7.8	149,553	143,375	-4.1
Jun	38,647	36,111	-6.6	188,200	179,486	-4.6
Jul	39,578	37,235	-5.9	227,778	216,721	-4.9
Aug	36,666	33,503	-8.6	264,444	250,224	-5.4
Sep	29,763	29,089	-2.3	294,207	279,313	-5.1
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	0.4	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	3,034	-13.0	15,239	13,455	-11.7
Jun	3,402	3,987	17.2	18,641	17,442	-6.4
Jul	3,828	4,698	22.7	22,469	22,140	-1.5
Aug	3,244	3,101	-4.4	25,713	25,241	-1.8
Sep	3,087	2,899	-6.1	28,800	28,140	-2.3
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	0.7	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	5,272	7.2	20,766	20,640	-0.6
Jun	5,113	5,011	-2.0	25,879	25,651	-0.9
Jul	5,704	5,075	-11.0	31,583	30,726	-2.7
Aug	4,975	4,230	-15.0	36,558	34,956	-4.4
Sep	3,649	3,554	-2.6	40,207	38,510	-4.2
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	23,060	-19.5
Apr	11,308	8,788	-22.3	39,956	31,848	-20.3
May	11,841	8,466	-28.5	51,797	40,314	-22.2
Jun	10,949	9,180	-16.2	62,746	49,494	-21.1
Jul	12,321	9,162	-25.6	75,067	58,656	-21.9
Aug	11,205	8,142	-27.3	86,272	66,798	-22.6
Sep	9,480	8,015	-15.5	95,752	74,813	-21.9
Oct	8,502			104,254		
Nov	7,205			111,459		
Dec	6,672			118,131		

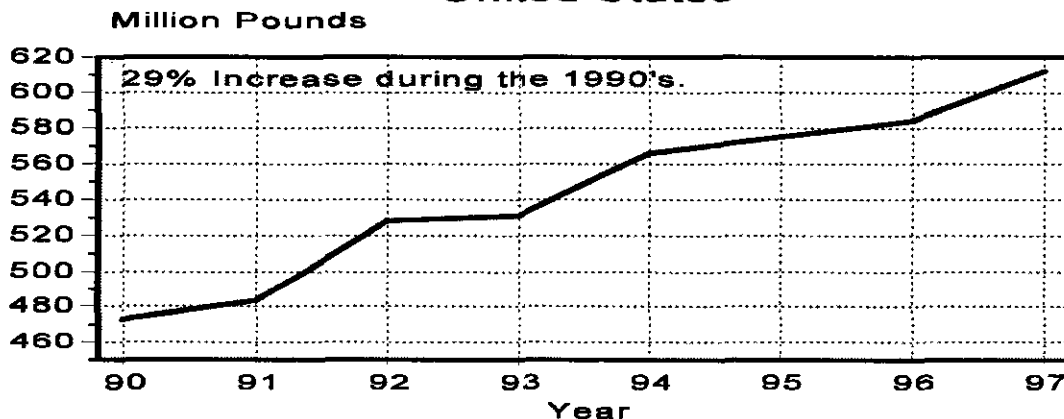
¹ Excludes all modified dry whey products.

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

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	87,266	103,229	107,630	23.3	4.3
ID	39,655	40,728	41,358	4.3	1.5
IL	8,788	9,838	10,678	21.5	8.5
IA	17,126	18,935	15,624	-8.8	-17.5
KS	1,442	1,732	1,195	-17.1	-31.0
MA	78	84	85	9.0	1.2
MN	50,226	51,534	48,027	-4.4	-6.8
MO	13,758	13,891	14,320	4.1	3.1
NE	9,270	7,733	6,751	-27.2	-12.7
NY	45,178	48,111	52,497	16.2	9.1
ND	1,755	1,649	1,397	-20.4	-15.3
OH	8,046	8,873	8,536	6.1	-3.8
OR	4,390	4,403	4,122	-6.1	-6.4
PA	26,351	29,332	27,135	3.0	-7.5
SD	11,395	11,899	11,334	-0.5	-4.7
UT	6,812	5,602	4,924	-27.7	-12.1
VT	10,747	6,735	6,873	-36.0	2.0
WA	9,014	7,798	10,441	15.8	33.9
WI	173,079	173,548	178,725	3.3	3.0
Oth Sts ¹	60,092	55,358	59,981	-0.2	8.4
US	584,468	601,012	611,633	4.6	1.8
N Atlantic	87,817	89,873	92,419	5.2	2.8
S Atlantic	1,949	2,017	2,055	5.4	1.9
E N Central	197,850	201,218	206,334	4.3	2.5
W N Central	104,972	107,373	98,648	-6.0	-8.1
S Central	7,533	4,313	4,750	-36.9	10.1
West	184,347	196,218	207,427	12.5	5.7

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

September Total Cheese Production United States



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

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	34,143	39,632	41,364	21.1	4.4
ID	33,665	37,738	36,464	8.3	-3.4
IA	5,533	8,135	7,624	37.8	-6.3
KS	1,442	1,732	1,195	-17.1	-31.0
MN	42,825	43,597	41,027	-4.2	-5.9
NY	6,354	7,029	6,656	4.8	-5.3
ND	1,755	1,649	1,397	-20.4	-15.3
OH	2,259	2,855	2,617	15.8	-8.3
SD	3,551	4,260	4,309	21.3	1.2
UT	3,096	3,004	2,329	-24.8	-22.5
WA	4,390	3,168	5,897	34.3	86.1
WI	73,978	77,500	73,000	-1.3	-5.8
Oth Sts ¹	41,498	28,443	37,988	-8.5	33.6
US	254,489	258,742	261,867	2.9	1.2
Atlantic	9,295	10,071	9,445	1.6	-6.2
E N Central	77,597	81,718	76,861	-0.9	-5.9
W N Central	58,421	61,836	57,874	-0.9	-6.4
S Central	7,215	3,961	4,433	-38.6	11.9
West	101,961	101,156	113,254	11.1	12.0

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, September 1996-97

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	41,570	48,446	50,086	20.5	3.4
ID	591	308	541	-8.5	75.6
NY	15,320	16,760	15,600	1.8	-6.9
PA	16,640	19,000	14,420	-13.3	-24.1
VT	4,535	2,350	2,443	-46.1	4.0
WI	56,286	53,300	58,000	3.0	8.8
Oth Sts ¹	51,296	54,432	47,237	-7.9	-13.2
US	186,238	194,596	188,327	1.1	-3.2
Atlantic	39,451	40,618	34,935	-11.4	-14.0
E N Central	63,960	62,355	67,271	5.2	7.9
W N Central	22,617	18,703	16,357	-27.7	-12.5
West	60,210	72,920	69,764	15.9	-4.3

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

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

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	24,612	21,979	23,822	-3.2	8.4
MI	1,017	582	1,100	8.2	89.0
MN	2,696	3,718	2,757	2.3	-25.8
NY	1,803	2,062	1,622	-10.0	-21.3
ND	304	299	353	16.1	18.1
OR	1,715	1,600	1,970	14.9	23.1
PA	5,173	3,238	3,841	-25.7	18.6
WA	7,611	7,450	6,234	-18.1	-16.3
WI	22,122	17,700	22,200	0.4	25.4
Oth Sts ¹	13,690	11,688	15,112	10.4	29.3
US	80,743	70,316	79,011	-2.1	12.4
N Atlantic	7,786	5,923	6,800	-12.7	14.8
S Atlantic	1,259	507	1,124	-10.7	121.7
E N Central	27,019	21,007	27,031		28.7
W N Central	7,005	8,130	7,141	1.9	-12.2
S Central	3,619	3,627	4,778	32.0	31.7
West	34,055	31,122	32,137	-5.6	3.3

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, September 1996-97**

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	33,091	46,160	42,033	27.0	-8.9
IA	2,872	4,476	3,346	16.5	-25.2
MI	443	1,473	1,092	146.5	-25.9
MN	21	866	646	2,976.2	-25.4
NM		121			
NY	679	1,564	1,046	54.1	-33.1
ND		28			
WA	13,432	17,147	12,196	-9.2	-28.9
WI	540	2,700	426	-21.1	-84.2
Oth Sts ¹	4,956	16,269	17,907	261.3	10.1
US	56,034	90,804	78,692	40.4	-13.3
Atlantic	3,029	15,267	16,677	450.6	9.2
E N Central	1,063	4,186	1,518	42.8	-63.7
W N Central	4,647	6,849	5,402	16.2	-21.1
S Central		27	42		55.6
West	47,295	64,475	55,053	16.4	-14.6

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, September 1996-97**

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	6,664	8,978	8,784	31.8	-2.2
MN	7,507	7,702	7,715	2.8	0.2
NY	8,352	8,458	8,498	1.7	0.5
UT	803	2,253	1,861	131.8	-17.4
WA	4,016	3,403	4,647	15.7	36.6
WI	25,530	27,700	25,500	-0.1	-7.9
Oth Sts ¹	26,408	30,973	29,414	11.4	-5.0
US	79,280	89,467	86,419	9.0	-3.4
Atlantic	14,819	17,564	17,966	21.2	2.3
N Central	40,989	45,531	42,072	2.6	-7.6
West	21,701	25,952	26,282	21.1	1.3

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

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

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	9,489	9,675	9,220	-2.8	-4.7
WI	8,548	8,749	7,926	-7.3	-9.4
Oth Sts ¹	14,668	20,228	19,458	32.7	-3.8
US	32,705	38,652	36,604	11.9	-5.3
E N Central	8,548	8,749	7,926	-7.3	-9.4
W N Central	14,703	14,927	14,265	-3.0	-4.4
West	8,712	12,983	12,560	44.2	-3.3

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, September 1996-97**

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Pounds'</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	3,739	4,316	4,201	12.4	-2.7
MN	4,058	4,215	3,927	-3.2	-6.8
WI	6,022	6,990	6,800	12.9	-2.7
Oth Sts ¹	6,244	6,926	6,678	7.0	-3.6
US	20,063	22,447	21,606	7.7	-3.7

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, September 1996-97

State	Sep 1996	Aug 1997	Sep 1997	Change From	
				Sep 1996	Aug 1997
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
AZ	601	522	342	-43.1	-34.5
AR	314	289	295	-6.1	2.1
CA	8,659	10,067	8,935	3.2	-11.2
FL	2,081	1,850	1,860	-10.6	0.5
GA	828	854	789	-4.7	-7.6
ID	531	701	476	-10.4	-32.1
IL	2,987	2,940	2,925	-2.1	-0.5
IN	4,510	4,837	5,099	13.1	5.4
KS	225	282	238	5.8	-15.6
KY	369	460	379	2.7	-17.6
ME	116	184	171	47.4	-7.1
MD	1,344	1,483	1,310	-2.5	-11.7
MA	4,193	5,466	4,168	-0.6	-23.7
MI	2,304	2,110	2,170	-5.8	2.8
MN	3,524	3,164	3,322	-5.7	5.0
MO	1,320	1,320	1,105	-16.3	-16.3
NM	519	407	450	-13.3	10.6
NY	2,007	2,500	1,800	-10.3	-28.0
NC	1,988	1,991	1,886	-5.1	-5.3
ND	76	123	93	22.4	-24.4
OH	3,559	3,565	3,000	-15.7	-15.8
OR	843	1,050	860	2.0	-18.1
PA	3,896	4,118	3,609	-7.4	-12.4
SC	772	1,026	1,126	45.9	9.7
TN	1,111	1,237	1,323	19.1	7.0
TX	4,041	4,561	4,040		-11.4
UT	852	957	827	-2.9	-13.6
VT	987	1,023	1,050	6.4	2.6
WA	1,579	1,716	1,615	2.3	-5.9
WI	547	780	600	9.7	-23.1
Oth Sts ¹	11,279	13,529	11,341	0.5	-16.2
US	67,962	75,112	67,204	-1.1	-10.5
N Atlantic	13,073	16,493	13,193	0.9	-20.0
S Atlantic	7,924	8,327	8,219	3.7	-1.3
E N Central	13,907	14,232	13,794	-0.8	-3.1
W N Central	9,946	10,575	8,933	-10.2	-15.5
S Central	7,708	8,481	7,897	2.5	-6.9
West	15,404	17,004	15,168	-1.5	-10.8

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, September, 1996-97**

Product	Sep 1996	Aug 1997 ¹	Sep 1997	Change From	
				Sep 1996	Aug 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	8,074	9,579	7,090	-12.2	-26.0
Nonfat Dry Milk, Human	63,724	76,064	91,508	43.6	20.3
Dry Skim Milk, Animal	379	617	423	11.6	-31.4
Dry Buttermilk, Human	1,705	1,985	2,015	18.2	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>
Canned Evaporated and Condensed Whole Milk	35,713	40,188	41,773	17.0	3.9
Dry Whole Milk	4,551	4,539	5,766	26.7	27.0
Nonfat Dry Milk, Human	50,233	156,259	133,937	166.6	-14.3
Dry Skim Milk, Animal	627	1,426	1,389	121.5	-2.6
Dry Buttermilk, Total	1,571	3,240	2,814	79.1	-13.1
Manufacturers' Selling Price ⁴					
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents Change</i>	<i>Cents Change</i>
Dry Whole Milk	141.71	112.33	116.75	-24.96	4.42
Nonfat Dry Milk, Human	133.80	105.46	104.87	-28.93	-0.59
Dry Skim Milk, Animal	64.13	61.14	63.37	-0.76	2.23
Dry Buttermilk, Human	153.02	109.88	100.51	-52.51	-9.37

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 December 4, 1997.

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