

Dairy Products



USDA
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October 1997 Highlights

American type cheese production totaled 261 million pounds, 2.1 percent below October 1996 but slightly above September 1997.

Total cheese output (excluding cottage cheese) was 619 million pounds, 1.1 percent above October 1996 and 2.2 percent above September 1997.

Cream cottage cheese production was 31.4 million pounds, 2.4 percent above October 1996 but 1.6 percent below September 1997.

Lowfat cottage cheese production was 30.3 million pounds, 11.5 percent above October 1996 but 2.8 percent below September 1997.

Butter production was 83.9 million pounds in October, 13.2 percent below October 1996 but 5.3 percent above September 1997.

Frozen dessert: (comparisons with October 1996)

Ice cream, Regular (hard) --- 67.1 million gallons, up 7.6 percent.

Ice cream, Lowfat (total) --- 26.8 million gallons, down 1.3 percent.

Ice cream, Nonfat (hard) --- 2.74 million gallons, down 3.3 percent.

Sherbet (hard) --- 3.61 million gallons, up 4.9 percent.

Frozen Yogurt (total) --- 6.90 million gallons, down 18.9 percent.

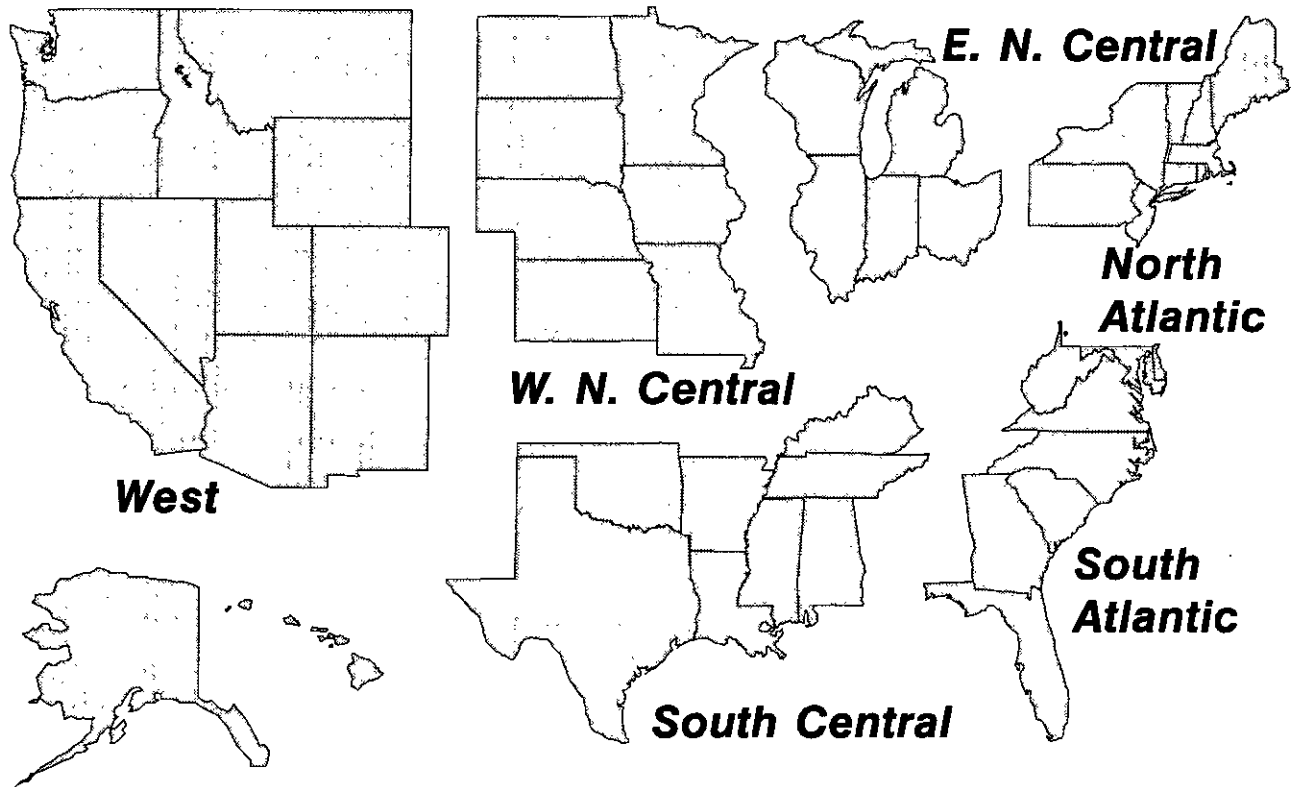
Dry milk products: (comparisons with October 1996)

Nonfat dry milk for human food --- 73.0 million pounds, up 11.1 percent.

Dry whole milk --- 11.8 million pounds, up 15.2 percent.

Dry buttermilk --- 4.17 million pounds, up 3.2 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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	96,623	79,682	83,869	-13.2	5.3
Cheese					
American Types ²	266,208	260,581	260,665	-2.1	
Cheddar	205,862	208,641	207,737	0.9	-0.4
Swiss	18,523	16,231	16,212	-12.5	-0.1
Brick and Muenster	10,167	9,277	9,642	-5.2	3.9
Cream and Neufchatel	62,692	61,558	68,799	9.7	11.8
Blue	3,249	3,837	3,473	6.9	-9.5
Hispanic	6,121	6,006	6,109	-0.2	1.7
Mozzarella	187,062	181,461	183,634	-1.8	1.2
Other Italian Types	47,669	55,576	58,598	22.9	5.4
Total Italian Types	234,731	237,037	242,232	3.2	2.2
All Other Types ³	10,551	11,186	11,873	12.5	6.1
Total	612,242	605,713	619,005	1.1	2.2
Cottage Cheese, Curd ⁴	37,934	40,242	39,176	3.3	-2.6
Cottage Cheese, Cream ⁵	30,662	31,914	31,388	2.4	-1.6
Cottage Cheese, Lowfat ⁶	27,118	31,131	30,250	11.5	-2.8
Canned Evaporated and Condensed Whole Milk	42,580	38,429	47,605	11.8	23.9
Dry Whole Milk	10,259	11,172	11,817	15.2	5.8
Nonfat Dry Milk, Human	65,690	77,310	72,987	11.1	-5.6
Dry Skim Milk, Animal	303	348	318	5.0	-8.6
Dry Buttermilk	4,041	2,947	4,171	3.2	41.5
Yogurt, Plain & Flavored	124,582	149,614	123,474	-0.9	-17.5
	<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	62,395	66,959	67,137	7.6	0.3
Ice Cream, Lowfat, Hard	8,031	8,762	8,398	4.6	-4.2
Ice Cream, Lowfat, Soft	19,104	20,492	18,383	-3.8	-10.3
Ice Cream, Lowfat, Total	27,135	29,254	26,781	-1.3	-8.5
Ice Cream, Nonfat, Hard	2,832	2,947	2,738	-3.3	-7.1
Sherbet, Hard	3,440	3,559	3,609	4.9	1.4
Water and Juice Ices	4,011	4,311	3,610	-10.0	-16.3
Frozen Yogurt, Total	8,502	8,230	6,897	-18.9	-16.2
Regular & Lowfat, Hard	3,988	3,526	2,812	-29.5	-20.2
Nonfat, Hard	1,622	2,316	1,984	22.3	-14.3
Other Frozen Dairy Products	1,268	1,026	992	-21.8	-3.3
Mix for Frozen Products					
Ice Cream Mix	34,139	37,002	36,526	7.0	-1.3
Ice Cream, Lowfat, Mix	15,759	18,273	16,675	5.8	-8.7
Ice Cream, Nonfat, Mix	1,611	1,722	1,617	0.4	-6.1
Sherbet Mix	2,587	2,484	2,514	-2.8	1.2
Yogurt Mix	5,381	5,209	4,365	-18.9	-16.2

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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 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	5,556	3,759	3,444	-38.0	-8.4
Sweet-Type, Animal	2,157	2,177	2,023	-6.2	-7.1
Dry Whey Products					
Dry Whey, Human	82,792	86,393	87,993	6.3	1.9
Dry Whey, Animal	4,811	4,137	4,117	-14.4	-0.5
Reduced Lactose and Minerals					
Human Food	4,923	4,342	4,798	-2.5	10.5
Animal Feed	2,178	2,280	2,538	16.5	11.3
Lactose, Human and Animal	34,744	33,718	33,381	-3.9	-1.0
Whey					
Solids in Wet Blends, Animal	6,081	5,007	5,076	-16.5	1.4
Protein Concentrate, Human	20,723	22,155	22,146	6.9	
Protein Concentrate, Animal	2,729	2,873	3,081	12.9	7.2
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	31,185	28,735	27,305	-12.4	-5.0
Dry Whey, Animal	4,799	2,461	2,728	-43.2	10.8
Reduced Lactose and Minerals					
Human and Animal ⁴	4,031	11,279	8,983	122.8	-20.4
Lactose, Human and Animal	16,737	23,355	21,971	31.3	-5.9
Whey Protein Concentrate, Human	7,071	8,965	8,510	20.4	-5.1
Whey Protein Concentrate, Animal	609	1,090	1,348	121.3	23.7
Manufacturers' Selling Price ⁵					
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents Change</i>	<i>Cents Change</i>
Dry Whey, Human	22.2	22.6	26.6	4.4	4.0
Dry Whey, Animal	20.1	21.8	25.2	5.1	3.4

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, 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	605,713	3.6	5,385,921	5,500,421	2.1
Oct	612,242	619,005	1.1	5,998,163	6,119,426	2.0
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	260,581	2.4	2,472,019	2,493,999	0.9
Oct	266,208	260,665	-2.1	2,738,227	2,754,664	0.6
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	208,641	6.0	1,927,292	1,998,478	3.7
Oct	205,862	207,737	0.9	2,133,154	2,206,215	3.4
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	237,037	2.4	2,102,084	2,174,308	3.4
Oct	234,731	242,232	3.2	2,336,815	2,416,540	3.4
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	181,461	-2.6	1,685,982	1,714,835	1.7
Oct	187,062	183,634	-1.8	1,873,044	1,898,469	1.4
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	55,576	23.1	416,102	459,473	10.4
Oct	47,669	58,598	22.9	463,771	518,071	11.7
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	
Sep	80,743	79,682	-1.3	871,189	870,499	-0.1
Oct	96,623	83,869	-13.2	967,812	954,368	-1.4
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	77,310	38.0	817,832	958,793	17.2
Oct	65,690	72,987	11.1	883,522	1,031,780	16.8
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	102,061	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	90,530	5.2	861,167	859,958	-0.1
Oct	87,603	92,110	5.1	948,770	952,068	0.3
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	31,914	4.3	274,907	273,268	-0.6
Oct	30,662	31,388	2.4	305,569	304,656	-0.3
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	31,131	10.0	253,196	262,448	3.7
Oct	27,118	30,250	11.5	280,314	292,698	4.4
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	66,959	-1.5	658,832	658,881	0.0
Oct	62,395	67,137	7.6	721,227	726,018	0.7
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	29,254	-1.7	294,207	279,478	-5.0
Oct	27,135	26,781	-1.3	321,342	306,259	-4.7
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	2,947	-4.5	28,800	28,188	-2.1
Oct	2,832	2,738	-3.3	31,632	30,926	-2.2
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	3,559	-2.5	40,207	38,515	-4.2
Oct	3,440	3,609	4.9	43,647	42,124	-3.5
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	8,230	-13.2	95,752	75,028	-21.6
Oct	8,502	6,897	-18.9	104,254	81,925	-21.4
Nov	7,205			111,459		
Dec	6,672			118,131		

¹ Excludes all modified dry whey products.

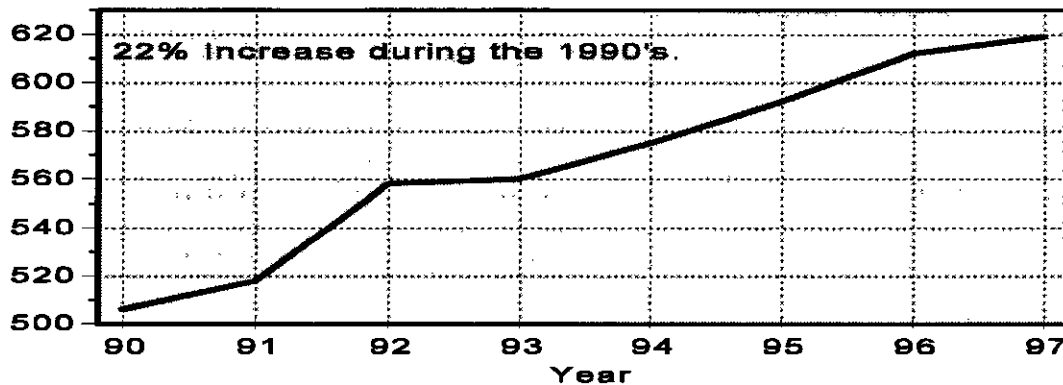
Total Cheese, Excluding Cottage Cheese: Production by State and United States, October 1996-97

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	89,245	98,667	100,708	12.8	2.1
ID	37,788	40,759	42,953	13.7	5.4
IL	10,165	10,678	10,811	6.4	1.2
IA	20,881	18,911	20,013	-4.2	5.8
KS	2,102	1,195	1,755	-16.5	46.9
MA	84	85	84		-1.2
MN	54,891	48,027	48,827	-11.0	1.7
MO	15,388	14,320	17,050	10.8	19.1
NE	9,149	6,751	8,297	-9.3	22.9
NY	53,339	52,497	56,248	5.5	7.1
ND	1,845	1,397	1,357	-26.4	-2.9
OH	9,495	8,536	9,150	-3.6	7.2
OR	4,636	4,122	4,001	-13.7	-2.9
PA	26,015	27,135	29,252	12.4	7.8
SD	12,235	11,334	11,298	-7.7	-0.3
UT	7,057	4,924	4,058	-42.5	-17.6
VT	10,474	6,873	8,511	-18.7	23.8
WA	9,457	10,441	13,196	39.5	26.4
WI	179,645	178,725	181,044	0.8	1.3
Oth Sts ¹	58,351	60,336	50,392	-13.6	-16.5
US	612,242	605,713	619,005	1.1	2.2
N Atlantic	95,387	92,419	99,657	4.5	7.8
S Atlantic	2,266	2,055	2,502	10.4	21.8
E N Central	209,042	206,689	209,789	0.4	1.5
W N Central	116,491	101,935	108,597	-6.8	6.5
S Central	10,613	4,750	5,027	-52.6	5.8
West	178,443	197,865	193,433	8.4	-2.2

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

**October Total Cheese Production
United States**

Million Pounds



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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	34,899	40,495	40,175	15.1	-0.8
ID	32,402	35,865	38,028	17.4	6.0
IA	8,626	7,624	9,048	4.9	18.7
KS	2,102	1,195	1,755	-16.5	46.9
MN	48,061	41,027	39,327	-18.2	-4.1
NY	6,883	6,656	6,813	-1.0	2.4
ND	1,845	1,397	1,357	-26.4	-2.9
OH	2,465	2,617	2,493	1.1	-4.7
SD	4,346	4,309	4,191	-3.6	-2.7
UT	3,022	2,329	1,557	-48.5	-33.1
WA	4,774	5,897	7,867	64.8	33.4
WI	78,973	73,000	75,200	-4.8	3.0
Oth Sts ¹	37,810	38,170	32,854	-13.1	-13.9
US	266,208	260,581	260,665	-2.1	
Atlantic	10,536	9,445	11,195	6.3	18.5
E N Central	82,795	77,043	79,089	-4.5	2.7
W N Central	68,918	57,874	58,628	-14.9	1.3
S Central	10,261	4,433	4,732	-53.9	6.7
West	93,698	111,786	107,021	14.2	-4.3

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, October 1996-97

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,169	43,220	44,516	5.6	3.0
ID	615	541	379	-38.4	-29.9
NY	15,915	15,600	16,561	4.1	6.2
PA	15,911	14,420	16,086	1.1	11.6
VT	4,404	2,443	2,691	-38.9	10.2
WI	54,095	58,000	55,500	2.6	-4.3
Oth Sts ¹	53,953	47,237	47,901	-11.2	1.4
US	187,062	181,461	183,634	-1.8	1.2
Atlantic	38,865	34,935	38,051	-2.1	8.9
E N Central	63,983	67,271	64,609	1.0	-4.0
W N Central	21,098	16,357	19,156	-9.2	17.1
West	63,116	62,898	61,818	-2.1	-1.7

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

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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	27,164	24,493	26,132	-3.8	6.7
MI	1,289	1,100	1,249	-3.1	13.5
MN	4,203	2,757	3,010	-28.4	9.2
NY	2,239	1,622	1,621	-27.6	-0.1
ND	361	353	331	-8.3	-6.2
OR	1,750	1,970	1,980	13.1	0.5
PA	5,372	3,841	3,837	-28.6	-0.1
WA	9,404	6,234	5,864	-37.6	-5.9
WI	24,771	22,200	22,000	-11.2	-0.9
Oth Sts ¹	20,070	15,112	17,845	-11.1	18.1
US	96,623	79,682	83,869	-13.2	5.3
N Atlantic	9,273	6,800	7,382	-20.4	8.6
S Atlantic	2,300	1,124	1,717	-25.3	52.8
E N Central	31,233	27,031	27,754	-11.1	2.7
W N Central	9,289	7,141	7,816	-15.9	9.5
S Central	6,107	4,778	5,114	-16.3	7.0
West	38,421	32,808	34,086	-11.3	3.9

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	36,791	40,651	44,769	21.7	10.1
IA	4,169	3,346	2,189	-47.5	-34.6
MI	518	1,092	1,142	120.5	4.6
MN	422	646	509	20.6	-21.2
NY	561	1,046	13	-97.7	-98.8
WA	14,520	12,196	10,733	-26.1	-12.0
WI	587	426	484	-17.5	13.6
Oth Sts ¹	8,122	17,907	13,148	61.9	-26.6
US	65,690	77,310	72,987	11.1	-5.6
Atlantic	5,733	16,677	9,956	73.7	-40.3
E N Central	1,185	1,518	1,626	37.2	7.1
W N Central	6,530	5,402	4,049	-38.0	-25.0
S Central	263	42	18	-93.2	-57.1
West	51,979	53,671	57,338	10.3	6.8

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	6,357	9,085	9,464	48.9	4.2
MN	8,430	7,715	7,822	-7.2	1.4
NY	8,260	8,498	9,070	9.8	6.7
UT	748	1,861	1,344	79.7	-27.8
WA	4,186	4,647	5,692	36.0	22.5
WI	26,732	25,500	25,000	-6.5	-2.0
Oth Sts ¹	28,079	29,087	29,601	5.4	1.8
US	82,792	86,393	87,993	6.3	1.9
Atlantic	14,666	17,966	18,050	23.1	0.5
N Central	43,582	42,072	41,798	-4.1	-0.7
West	20,913	26,256	27,477	31.4	4.7

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

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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	10,427	9,220	8,221	-21.2	-10.8
WI	8,405	7,926	8,295	-1.3	4.7
Oth Sts ¹	15,912	16,572	16,865	6.0	1.8
US	34,744	33,718	33,381	-3.9	-1.0
E N Central	8,405	7,926	8,295	-1.3	4.7
W N Central	15,981	14,265	13,498	-15.5	-5.4
West	9,373	9,674	9,450	0.8	-2.3

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	3,832	4,750	4,512	17.7	-5.0
MN	4,637	3,927	3,571	-23.0	-9.1
WI	5,243	6,800	7,200	37.3	5.9
Oth Sts ¹	7,011	6,678	6,863	-2.1	2.8
US	20,723	22,155	22,146	6.9	

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, October 1996-97

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
AZ	229	342	441	92.6	28.9
AR	261	295	240	-8.0	-18.6
CA	7,278	8,761	7,502	3.1	-14.4
FL	1,965	1,820	1,710	-13.0	-6.0
GA	708	789	677	-4.4	-14.2
ID	540	476	616	14.1	29.4
IL	2,358	2,925	2,511	6.5	-14.2
IN	3,486	5,099	5,521	58.4	8.3
KS	268	238	301	12.3	26.5
KY	338	379	338		-10.8
ME	89	171	100	12.4	-41.5
MD	1,280	1,310	1,503	17.4	14.7
MA	4,948	4,168	5,760	16.4	38.2
MI	1,930	2,170	2,208	14.4	1.8
MN	2,643	3,322	3,318	25.5	-0.1
MO	1,104	1,105	1,105	0.1	
NM	499	450	325	-34.9	-27.8
NY	2,176	1,800	1,900	-12.7	5.6
NC	1,886	1,886	1,563	-17.1	-17.1
ND	102	93	79	-22.5	-15.1
OH	3,524	3,000	3,050	-13.5	1.7
OR	800	860	810	1.3	-5.8
PA	3,738	3,609	3,828	2.4	6.1
SC	835	1,126	701	-16.0	-37.7
TN	907	1,373	524	-42.2	-61.8
TX	4,007	4,040	3,840	-4.2	-5.0
UT	722	827	695	-3.7	-16.0
VT	769	1,050	1,089	41.6	3.7
WA	1,379	1,615	1,598	15.9	-1.1
WI	637	600	575	-9.7	-4.2
Oth Sts ¹	10,989	11,260	12,709	15.7	12.9
US	62,395	66,959	67,137	7.6	0.3
N Atlantic	14,167	13,193	14,836	4.7	12.5
S Atlantic	7,894	8,179	7,514	-4.8	-8.1
E N Central	11,935	13,794	13,865	16.2	0.5
W N Central	8,035	8,933	9,850	22.6	10.3
S Central	7,178	7,866	6,504	-9.4	-17.3
West	13,186	14,994	14,568	10.5	-2.8

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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 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	7,287	7,090	9,905	35.9	39.7
Nonfat Dry Milk, Human	62,865	91,508	82,740	31.6	-9.6
Dry Skim Milk, Animal	404	423	392	-3.0	-7.3
Dry Buttermilk, Human	2,456	2,015	2,793	13.7	38.6
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>
Canned Evaporated and Condensed Whole Milk	21,762	33,216	30,031	38.0	-9.6
Dry Whole Milk	3,807	5,766	5,023	31.9	-12.9
Nonfat Dry Milk, Human	47,216	133,937	114,764	143.1	-14.3
Dry Skim Milk, Animal	571	1,389	976	70.9	-29.7
Dry Buttermilk, Total	2,154	2,814	2,304	7.0	-18.1
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	144.27	116.75	117.83	-26.44	1.08
Nonfat Dry Milk, Human	125.86	104.87	104.84	-21.02	-0.03
Dry Skim Milk, Animal	79.56	63.37	57.54	-22.02	-5.83
Dry Buttermilk, Human	149.90	101.10	105.13	-44.77	4.03

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 January 2, 1998.

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Dairy Products



USDA
Washington, D.C.

Released December 4, 1997, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Dairy Products" call Greg Thessen at (202) 690-3347, office hours 7:30 a.m. to 4:00 p.m. ET.

October 1997 Highlights

American type cheese production totaled 261 million pounds, 2.1 percent below October 1996 but slightly above September 1997.

Total cheese output (excluding cottage cheese) was 619 million pounds, 1.1 percent above October 1996 and 2.2 percent above September 1997.

Cream cottage cheese production was 31.4 million pounds, 2.4 percent above October 1996 but 1.6 percent below September 1997.

Lowfat cottage cheese production was 30.3 million pounds, 11.5 percent above October 1996 but 2.8 percent below September 1997.

Butter production was 83.9 million pounds in October, 13.2 percent below October 1996 but 5.3 percent above September 1997.

Frozen dessert: (comparisons with October 1996)

Ice cream, Regular (hard) --- 67.1 million gallons, up 7.6 percent.

Ice cream, Lowfat (total) --- 26.8 million gallons, down 1.3 percent.

Ice cream, Nonfat (hard) --- 2.74 million gallons, down 3.3 percent.

Sherbet (hard) --- 3.61 million gallons, up 4.9 percent.

Frozen Yogurt (total) --- 6.90 million gallons, down 18.9 percent.

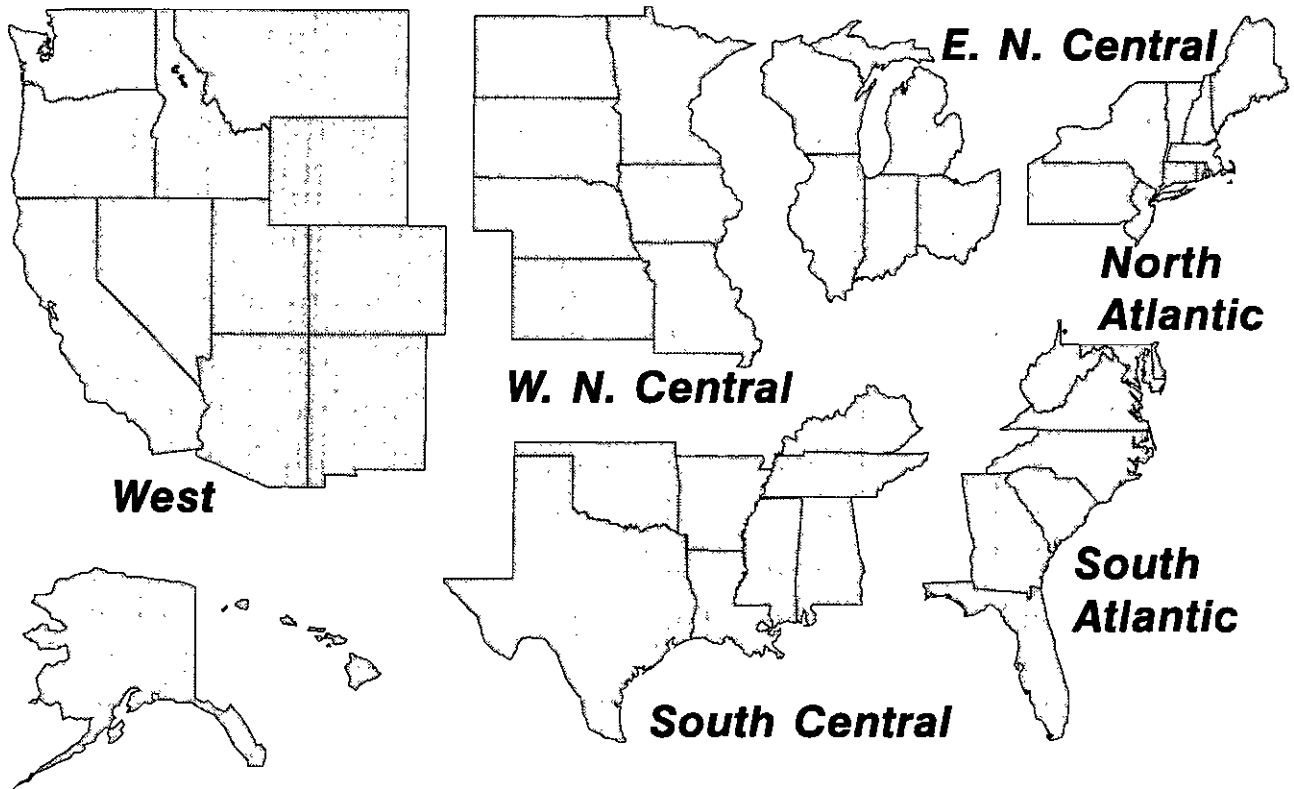
Dry milk products: (comparisons with October 1996)

Nonfat dry milk for human food --- 73.0 million pounds, up 11.1 percent.

Dry whole milk --- 11.8 million pounds, up 15.2 percent.

Dry buttermilk --- 4.17 million pounds, up 3.2 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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
Butter	96,623	79,682	83,869	-13.2	5.3
Cheese					
American Types ²	266,208	260,581	260,665	-2.1	
Cheddar	205,862	208,641	207,737	0.9	-0.4
Swiss	18,523	16,231	16,212	-12.5	-0.1
Brick and Muenster	10,167	9,277	9,642	-5.2	3.9
Cream and Neufchatel	62,692	61,558	68,799	9.7	11.8
Blue	3,249	3,837	3,473	6.9	-9.5
Hispanic	6,121	6,006	6,109	-0.2	1.7
Mozzarella	187,062	181,461	183,634	-1.8	1.2
Other Italian Types	47,669	55,576	58,598	22.9	5.4
Total Italian Types	234,731	237,037	242,232	3.2	2.2
All Other Types ³	10,551	11,186	11,873	12.5	6.1
Total	612,242	605,713	619,005	1.1	2.2
Cottage Cheese, Curd ⁴	37,934	40,242	39,176	3.3	-2.6
Cottage Cheese, Cream ⁵	30,662	31,914	31,388	2.4	-1.6
Cottage Cheese, Lowfat ⁶	27,118	31,131	30,250	11.5	-2.8
Canned Evaporated and Condensed Whole Milk	42,580	38,429	47,605	11.8	23.9
Dry Whole Milk	10,259	11,172	11,817	15.2	5.8
Nonfat Dry Milk, Human	65,690	77,310	72,987	11.1	-5.6
Dry Skim Milk, Animal	303	348	318	5.0	-8.6
Dry Buttermilk	4,041	2,947	4,171	3.2	41.5
Yogurt, Plain & Flavored	124,582	149,614	123,474	-0.9	-17.5
	<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	62,395	66,959	67,137	7.6	0.3
Ice Cream, Lowfat, Hard	8,031	8,762	8,398	4.6	-4.2
Ice Cream, Lowfat, Soft	19,104	20,492	18,383	-3.8	-10.3
Ice Cream, Lowfat, Total	27,135	29,254	26,781	-1.3	-8.5
Ice Cream, Nonfat, Hard	2,832	2,947	2,738	-3.3	-7.1
Sherbet, Hard	3,440	3,559	3,609	4.9	1.4
Water and Juice Ices	4,011	4,311	3,610	-10.0	-16.3
Frozen Yogurt, Total	8,502	8,230	6,897	-18.9	-16.2
Regular & Lowfat, Hard	3,988	3,526	2,812	-29.5	-20.2
Nonfat, Hard	1,622	2,316	1,984	22.3	-14.3
Other Frozen Dairy Products	1,268	1,026	992	-21.8	-3.3
Mix for Frozen Products					
Ice Cream Mix	34,139	37,002	36,526	7.0	-1.3
Ice Cream, Lowfat, Mix	15,759	18,273	16,675	5.8	-8.7
Ice Cream, Nonfat, Mix	1,611	1,722	1,617	0.4	-6.1
Sherbet Mix	2,587	2,484	2,514	-2.8	1.2
Yogurt Mix	5,381	5,209	4,365	-18.9	-16.2

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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 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	5,556	3,759	3,444	-38.0	-8.4
Sweet-Type, Animal	2,157	2,177	2,023	-6.2	-7.1
Dry Whey Products					
Dry Whey, Human	82,792	86,393	87,993	6.3	1.9
Dry Whey, Animal	4,811	4,137	4,117	-14.4	-0.5
Reduced Lactose and Minerals					
Human Food	4,923	4,342	4,798	-2.5	10.5
Animal Feed	2,178	2,280	2,538	16.5	11.3
Lactose, Human and Animal	34,744	33,718	33,381	-3.9	-1.0
Whey					
Solids in Wet Blends, Animal	6,081	5,007	5,076	-16.5	1.4
Protein Concentrate, Human	20,723	22,155	22,146	6.9	
Protein Concentrate, Animal	2,729	2,873	3,081	12.9	7.2
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	31,185	28,735	27,305	-12.4	-5.0
Dry Whey, Animal	4,799	2,461	2,728	-43.2	10.8
Reduced Lactose and Minerals					
Human and Animal ⁴	4,031	11,279	8,983	122.8	-20.4
Lactose, Human and Animal	16,737	23,355	21,971	31.3	-5.9
Whey Protein Concentrate, Human	7,071	8,965	8,510	20.4	-5.1
Whey Protein Concentrate, Animal	609	1,090	1,348	121.3	23.7
Manufacturers' Selling Price ⁵					
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents Change</i>	<i>Cents Change</i>
Dry Whey, Human	22.2	22.6	26.6	4.4	4.0
Dry Whey, Animal	20.1	21.8	25.2	5.1	3.4

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, 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	605,713	3.6	5,385,921	5,500,421	2.1
Oct	612,242	619,005	1.1	5,998,163	6,119,426	2.0
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	260,581	2.4	2,472,019	2,493,999	0.9
Oct	266,208	260,665	-2.1	2,738,227	2,754,664	0.6
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	208,641	6.0	1,927,292	1,998,478	3.7
Oct	205,862	207,737	0.9	2,133,154	2,206,215	3.4
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	237,037	2.4	2,102,084	2,174,308	3.4
Oct	234,731	242,232	3.2	2,336,815	2,416,540	3.4
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	181,461	-2.6	1,685,982	1,714,835	1.7
Oct	187,062	183,634	-1.8	1,873,044	1,898,469	1.4
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	55,576	23.1	416,102	459,473	10.4
Oct	47,669	58,598	22.9	463,771	518,071	11.7
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	79,682	-1.3	871,189	870,499	-0.1
Oct	96,623	83,869	-13.2	967,812	954,368	-1.4
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	77,310	38.0	817,832	958,793	17.2
Oct	65,690	72,987	11.1	883,522	1,031,780	16.8
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	90,530	5.2	861,167	859,958	-0.1
Oct	87,603	92,110	5.1	948,770	952,068	0.3
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	31,914	4.3	274,907	273,268	-0.6
Oct	30,662	31,388	2.4	305,569	304,656	-0.3
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	31,131	10.0	253,196	262,448	3.7
Oct	27,118	30,250	11.5	280,314	292,698	4.4
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	66,959	-1.5	658,832	658,881	0.0
Oct	62,395	67,137	7.6	721,227	726,018	0.7
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	29,254	-1.7	294,207	279,478	-5.0
Oct	27,135	26,781	-1.3	321,342	306,259	-4.7
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	2,947	-4.5	28,800	28,188	-2.1
Oct	2,832	2,738	-3.3	31,632	30,926	-2.2
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	3,559	-2.5	40,207	38,515	-4.2
Oct	3,440	3,609	4.9	43,647	42,124	-3.5
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	8,230	-13.2	95,752	75,028	-21.6
Oct	8,502	6,897	-18.9	104,254	81,925	-21.4
Nov	7,205			111,459		
Dec	6,672			118,131		

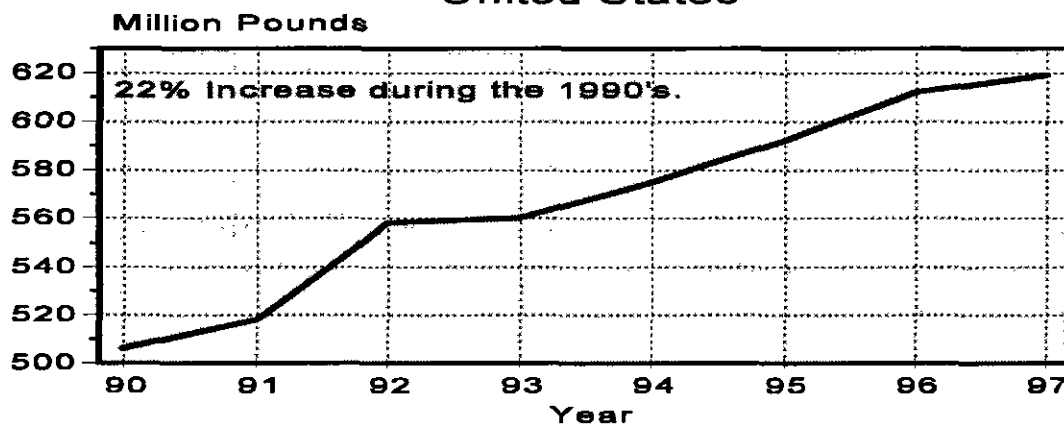
¹ Excludes all modified dry whey products.

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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	89,245	98,667	100,708	12.8	2.1
ID	37,788	40,759	42,953	13.7	5.4
IL	10,165	10,678	10,811	6.4	1.2
IA	20,881	18,911	20,013	-4.2	5.8
KS	2,102	1,195	1,755	-16.5	46.9
MA	84	85	84		-1.2
MN	54,891	48,027	48,827	-11.0	1.7
MO	15,388	14,320	17,050	10.8	19.1
NE	9,149	6,751	8,297	-9.3	22.9
NY	53,339	52,497	56,248	5.5	7.1
ND	1,845	1,397	1,357	-26.4	-2.9
OH	9,495	8,536	9,150	-3.6	7.2
OR	4,636	4,122	4,001	-13.7	-2.9
PA	26,015	27,135	29,252	12.4	7.8
SD	12,235	11,334	11,298	-7.7	-0.3
UT	7,057	4,924	4,058	-42.5	-17.6
VT	10,474	6,873	8,511	-18.7	23.8
WA	9,457	10,441	13,196	39.5	26.4
WI	179,645	178,725	181,044	0.8	1.3
Oth Sts ¹	58,351	60,336	50,392	-13.6	-16.5
US	612,242	605,713	619,005	1.1	2.2
N Atlantic	95,387	92,419	99,657	4.5	7.8
S Atlantic	2,266	2,055	2,502	10.4	21.8
E N Central	209,042	206,689	209,789	0.4	1.5
W N Central	116,491	101,935	108,597	-6.8	6.5
S Central	10,613	4,750	5,027	-52.6	5.8
West	178,443	197,865	193,433	8.4	-2.2

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

**October Total Cheese Production
United States**



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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	34,899	40,495	40,175	15.1	-0.8
ID	32,402	35,865	38,028	17.4	6.0
IA	8,626	7,624	9,048	4.9	18.7
KS	2,102	1,195	1,755	-16.5	46.9
MN	48,061	41,027	39,327	-18.2	-4.1
NY	6,883	6,656	6,813	-1.0	2.4
ND	1,845	1,397	1,357	-26.4	-2.9
OH	2,465	2,617	2,493	1.1	-4.7
SD	4,346	4,309	4,191	-3.6	-2.7
UT	3,022	2,329	1,557	-48.5	-33.1
WA	4,774	5,897	7,867	64.8	33.4
WI	78,973	73,000	75,200	-4.8	3.0
Oth Sts ¹	37,810	38,170	32,854	-13.1	-13.9
US	266,208	260,581	260,665	-2.1	
Atlantic	10,536	9,445	11,195	6.3	18.5
E N Central	82,795	77,043	79,089	-4.5	2.7
W N Central	68,918	57,874	58,628	-14.9	1.3
S Central	10,261	4,433	4,732	-53.9	6.7
West	93,698	111,786	107,021	14.2	-4.3

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, October 1996-97

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	42,169	43,220	44,516	5.6	3.0
ID	615	541	379	-38.4	-29.9
NY	15,915	15,600	16,561	4.1	6.2
PA	15,911	14,420	16,086	1.1	11.6
VT	4,404	2,443	2,691	-38.9	10.2
WI	54,095	58,000	55,500	2.6	-4.3
Oth Sts ¹	53,953	47,237	47,901	-11.2	1.4
US	187,062	181,461	183,634	-1.8	1.2
Atlantic	38,865	34,935	38,051	-2.1	8.9
E N Central	63,983	67,271	64,609	1.0	-4.0
W N Central	21,098	16,357	19,156	-9.2	17.1
West	63,116	62,898	61,818	-2.1	-1.7

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

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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	27,164	24,493	26,132	-3.8	6.7
MI	1,289	1,100	1,249	-3.1	13.5
MN	4,203	2,757	3,010	-28.4	9.2
NY	2,239	1,622	1,621	-27.6	-0.1
ND	361	353	331	-8.3	-6.2
OR	1,750	1,970	1,980	13.1	0.5
PA	5,372	3,841	3,837	-28.6	-0.1
WA	9,404	6,234	5,864	-37.6	-5.9
WI	24,771	22,200	22,000	-11.2	-0.9
Oth Sts ¹	20,070	15,112	17,845	-11.1	18.1
US	96,623	79,682	83,869	-13.2	5.3
N Atlantic	9,273	6,800	7,382	-20.4	8.6
S Atlantic	2,300	1,124	1,717	-25.3	52.8
E N Central	31,233	27,031	27,754	-11.1	2.7
W N Central	9,289	7,141	7,816	-15.9	9.5
S Central	6,107	4,778	5,114	-16.3	7.0
West	38,421	32,808	34,086	-11.3	3.9

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	36,791	40,651	44,769	21.7	10.1
IA	4,169	3,346	2,189	-47.5	-34.6
MI	518	1,092	1,142	120.5	4.6
MN	422	646	509	20.6	-21.2
NY	561	1,046	13	-97.7	-98.8
WA	14,520	12,196	10,733	-26.1	-12.0
WI	587	426	484	-17.5	13.6
Oth Sts ¹	8,122	17,907	13,148	61.9	-26.6
US	65,690	77,310	72,987	11.1	-5.6
Atlantic	5,733	16,677	9,956	73.7	-40.3
E N Central	1,185	1,518	1,626	37.2	7.1
W N Central	6,530	5,402	4,049	-38.0	-25.0
S Central	263	42	18	-93.2	-57.1
West	51,979	53,671	57,338	10.3	6.8

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	6,357	9,085	9,464	48.9	4.2
MN	8,430	7,715	7,822	-7.2	1.4
NY	8,260	8,498	9,070	9.8	6.7
UT	748	1,861	1,344	79.7	-27.8
WA	4,186	4,647	5,692	36.0	22.5
WI	26,732	25,500	25,000	-6.5	-2.0
Oth Sts ¹	28,079	29,087	29,601	5.4	1.8
US	82,792	86,393	87,993	6.3	1.9
Atlantic	14,666	17,966	18,050	23.1	0.5
N Central	43,582	42,072	41,798	-4.1	-0.7
West	20,913	26,256	27,477	31.4	4.7

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

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

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
MN	10,427	9,220	8,221	-21.2	-10.8
WI	8,405	7,926	8,295	-1.3	4.7
Oth Sts ¹	15,912	16,572	16,865	6.0	1.8
US	34,744	33,718	33,381	-3.9	-1.0
E N Central	8,405	7,926	8,295	-1.3	4.7
W N Central	15,981	14,265	13,498	-15.5	-5.4
West	9,373	9,674	9,450	0.8	-2.3

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, October 1996-97**

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>	<i>Percent</i>
CA	3,832	4,750	4,512	17.7	-5.0
MN	4,637	3,927	3,571	-23.0	-9.1
WI	5,243	6,800	7,200	37.3	5.9
Oth Sts ¹	7,011	6,678	6,863	-2.1	2.8
US	20,723	22,155	22,146	6.9	

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, October 1996-97

State	Oct 1996	Sep 1997	Oct 1997	Change From	
				Oct 1996	Sep 1997
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Percent</i>	<i>Percent</i>
AZ	229	342	441	92.6	28.9
AR	261	295	240	-8.0	-18.6
CA	7,278	8,761	7,502	3.1	-14.4
FL	1,965	1,820	1,710	-13.0	-6.0
GA	708	789	677	-4.4	-14.2
ID	540	476	616	14.1	29.4
IL	2,358	2,925	2,511	6.5	-14.2
IN	3,486	5,099	5,521	58.4	8.3
KS	268	238	301	12.3	26.5
KY	338	379	338		-10.8
ME	89	171	100	12.4	-41.5
MD	1,280	1,310	1,503	17.4	14.7
MA	4,948	4,168	5,760	16.4	38.2
MI	1,930	2,170	2,208	14.4	1.8
MN	2,643	3,322	3,318	25.5	-0.1
MO	1,104	1,105	1,105	0.1	
NM	499	450	325	-34.9	-27.8
NY	2,176	1,800	1,900	-12.7	5.6
NC	1,886	1,886	1,563	-17.1	-17.1
ND	102	93	79	-22.5	-15.1
OH	3,524	3,000	3,050	-13.5	1.7
OR	800	860	810	1.3	-5.8
PA	3,738	3,609	3,828	2.4	6.1
SC	835	1,126	701	-16.0	-37.7
TN	907	1,373	524	-42.2	-61.8
TX	4,007	4,040	3,840	-4.2	-5.0
UT	722	827	695	-3.7	-16.0
VT	769	1,050	1,089	41.6	3.7
WA	1,379	1,615	1,598	15.9	-1.1
WI	637	600	575	-9.7	-4.2
Oth Sts ¹	10,989	11,260	12,709	15.7	12.9
US	62,395	66,959	67,137	7.6	0.3
N Atlantic	14,167	13,193	14,836	4.7	12.5
S Atlantic	7,894	8,179	7,514	-4.8	-8.1
E N Central	11,935	13,794	13,865	16.2	0.5
W N Central	8,035	8,933	9,850	22.6	10.3
S Central	7,178	7,866	6,504	-9.4	-17.3
West	13,186	14,994	14,568	10.5	-2.8

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, October, 1996-97**

Product	Oct 1996	Sep 1997 ¹	Oct 1997	Change From	
				Oct 1996	Sep 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	7,287	7,090	9,905	35.9	39.7
Nonfat Dry Milk, Human	62,865	91,508	82,740	31.6	-9.6
Dry Skim Milk, Animal	404	423	392	-3.0	-7.3
Dry Buttermilk, Human	2,456	2,015	2,793	13.7	38.6
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>
Canned Evaporated and Condensed Whole Milk	21,762	33,216	30,031	38.0	-9.6
Dry Whole Milk	3,807	5,766	5,023	31.9	-12.9
Nonfat Dry Milk, Human	47,216	133,937	114,764	143.1	-14.3
Dry Skim Milk, Animal	571	1,389	976	70.9	-29.7
Dry Buttermilk, Total	2,154	2,814	2,304	7.0	-18.1
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	144.27	116.75	117.83	-26.44	1.08
Nonfat Dry Milk, Human	125.86	104.87	104.84	-21.02	-0.03
Dry Skim Milk, Animal	79.56	63.37	57.54	-22.02	-5.83
Dry Buttermilk, Human	149.90	101.10	105.13	-44.77	4.03

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 January 2, 1998.

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