



United States
Department of
Agriculture

National
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Statistics
Service



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Dairy Products 2002 Summary

April 2003

USDA



2002 Highlights

Total cheese production, excluding cottage cheeses, was 8.60 billion pounds, 4.1 percent above 2001 production. Wisconsin was the leading State with 26.0 percent of the production.

American type cheese production was 3.71 billion pounds, 4.7 percent above 2001 and accounted for 43.1 percent of total cheese in 2002.

Italian varieties, with 3.51 billion pounds were 2.4 percent above 2001 production. Mozzarella accounted for 80.2 percent of the Italian production followed by Provolone with 7.5 percent and Ricotta with 6.8 percent. Wisconsin was the leading State in Italian cheese production with 27.7 percent of the production.

Butter production in the United States during 2002 totaled 1.36 billion pounds, 10.0 percent above 2001. California accounted for 28.0 percent of the production, followed by Wisconsin with 25.3 percent.

Frozen dessert: (2002 U.S. production, comparisons with 2001)

Ice cream, Regular (total) --- 989 million gallons, up 1.9 percent.

Ice cream, Lowfat (total) --- 362 million gallons, down 4.9 percent.

Ice cream, Nonfat (total) --- 20.6 million gallons, down 7.8 percent.

Sherbet (total) --- 54.6 million gallons, up 3.8 percent.

Frozen Yogurt (total) --- 73.4 million gallons, up 3.2 percent.

Nonfat dry milk for human food: (2002 U.S. production, compared with 2001) --- 1.57 billion pounds, up 11.0 percent.

Dry whey products: (2002 U.S. production, comparisons with 2001)

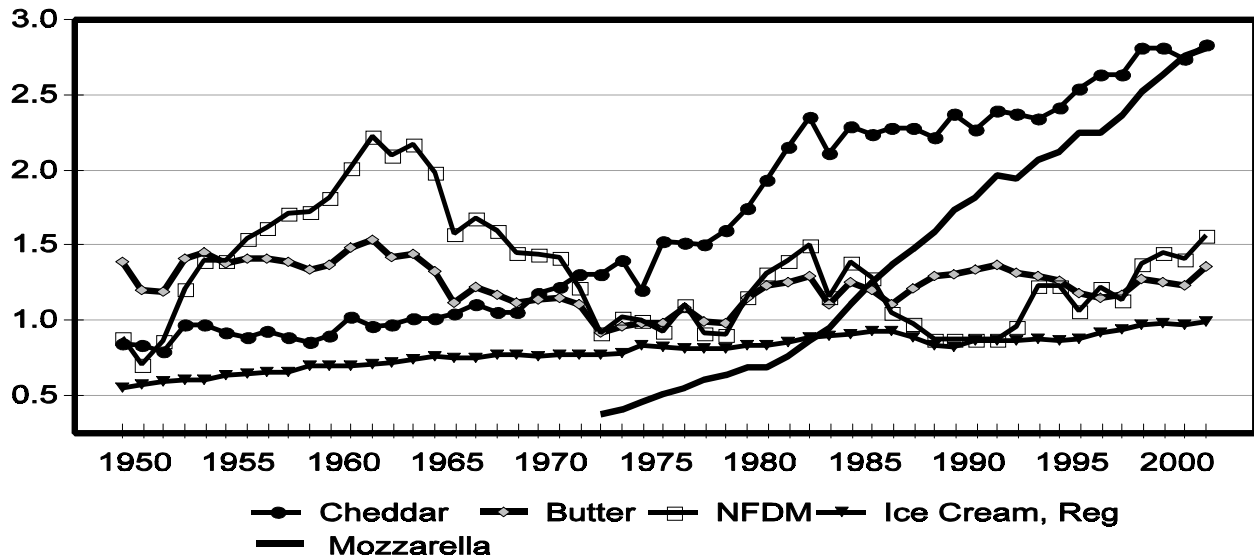
Dry whey, human --- 1.05 billion pounds, up 7.5 percent.

Dry whey, animal --- 63.1 million pounds, down 5.6 percent.

Dry whey, total --- 1.12 billion pounds, up 6.7 percent.

U.S. Dairy Products

Billion Pounds



**Specified Products: Production by Month,
United States, 2001, Revised**

Products	Plants	Jan	Feb	Mar	Apr
	<i>Number</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Butter	76	127,091	111,541	111,124	108,712
Cheese					
American Types					
Cheddar	170	236,753	210,585	233,605	229,311
Other American ¹	115	66,168	60,801	65,041	63,071
Total American	189	302,921	271,386	298,646	292,382
Swiss	41	19,935	18,171	20,801	21,156
Muenster	41	6,529	6,289	7,584	6,832
Brick	21	791	660	619	577
Limburger	1	63	56	79	42
Italian Varieties					
Mozzarella	122	236,739	222,837	248,370	227,624
Other Italian	89	57,830	52,847	63,486	57,282
Total Italian	151	294,569	275,684	311,856	284,906
Cream & Neufchatel	34	44,684	41,075	60,063	52,559
Blue ²					
Hispanic	32	8,863	8,140	9,086	8,928
All Other Types	152	15,442	14,629	17,129	17,464
Total Cheese ³	407	693,797	636,090	725,863	684,846
Cottage Cheese					
Curd ⁴	94	37,403	34,541	40,444	36,794
Creamed ⁵	88	31,097	28,145	32,922	29,692
Lowfat ⁶	87	30,216	28,804	32,936	29,778
Canned Milk					
Evaporated and Cond. Whole ⁷	8	31,275	29,302	33,779	38,640
Evaporated Skim	3	610	496	450	652
Bulk Condensed Milk					
Whole					
Sweetened	7	3,177	2,981	7,161	6,935
Unsweetened	12	4,916	6,507	6,281	5,828
Skim					
Sweetened	9	4,293	4,312	3,409	2,809
Unsweetened	42	83,488	79,606	79,634	83,045
Condensed or Evaporated					
Buttermilk	7	2,606	1,790	2,157	2,246
Dry Milk					
Dry Whole Milk	12	5,149	4,339	2,842	3,308
Nonfat Dry Milk, Human	44	118,299	119,068	121,080	131,695
Dry Skim Milk, Animal	28	496	326	454	379
Dry Buttermilk	22	5,716	5,360	5,162	4,684
Yogurt Plain &					
Fruit Flavored	90	154,506	160,472	179,081	169,199

See footnote(s) at end of table.

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**Specified Products: Production by Month,
United States, 2001, Revised (continued)**

Products	May	Jun	Jul	Aug	Sep
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Butter	110,704	86,497	82,083	75,291	86,498
Cheese					
American Types					
Cheddar	245,501	239,187	230,572	216,765	216,384
Other American ¹	64,930	67,609	65,443	67,748	63,253
Total American	310,431	306,796	296,015	284,513	279,637
Swiss	22,411	20,712	21,231	20,128	19,806
Muenster	7,354	6,810	6,838	7,074	6,418
Brick	795	771	864	761	690
Limburger	50	61	64	59	58
Italian Varieties					
Mozzarella	239,089	229,984	231,735	219,917	217,687
Other Italian	55,272	47,453	50,661	54,805	49,690
Total Italian	294,361	277,437	282,396	274,722	267,377
Cream & Neufchatel	55,145	50,592	52,759	57,581	50,204
Blue ²					
Hispanic	9,283	8,637	9,275	9,736	8,978
All Other Types	18,748	16,916	16,063	16,735	16,161
Total Cheese ³	718,578	688,732	685,505	671,309	649,329
Cottage Cheese					
Curd ⁴	42,001	37,938	38,407	41,677	36,902
Creamed ⁵	33,892	31,290	32,528	33,585	29,832
Lowfat ⁶	34,953	30,648	31,340	35,599	30,181
Canned Milk					
Evaporated and Cond. Whole ⁷	34,083	43,669	37,690	41,262	42,167
Evaporated Skim	1,080	1,480	1,726	1,876	2,618
Bulk Condensed Milk					
Whole					
Sweetened	7,589	6,212	6,347	7,302	6,866
Unsweetened	6,034	5,112	5,655	6,005	5,738
Skim					
Sweetened	3,591	2,487	2,430	2,602	2,319
Unsweetened	89,999	90,661	79,303	73,979	68,210
Condensed or Evaporated					
Buttermilk	2,292	1,990	1,827	2,037	4,622
Dry Milk					
Dry Whole Milk	2,991	2,508	3,009	3,543	3,267
Nonfat Dry Milk, Human	140,423	131,454	117,452	96,107	94,396
Dry Skim Milk, Animal	494	725	435	592	437
Dry Buttermilk	5,123	3,502	2,800	2,229	2,736
Yogurt Plain &					
Fruit Flavored	186,227	178,056	163,287	169,910	184,217

See footnote(s) at end of table.

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**Specified Products: Production by Month,
United States, 2001, Revised (continued)**

Products	Oct	Nov	Dec	Total	Change From 2000
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Butter	109,657	99,857	122,783	1,231,838	-1.9
Cheese					
American Types					
Cheddar	231,027	217,329	239,672	2,746,691	-2.6
Other American ¹	67,777	70,440	75,213	797,494	-3.1
Total American	298,804	287,769	314,885	3,544,185	-2.7
Swiss	21,223	19,779	20,151	245,504	7.1
Muenster	6,941	6,565	6,988	82,222	-3.8
Brick	805	601	772	8,706	1.1
Limburger	47	57	66	702	10.2
Italian Varieties					
Mozzarella	220,375	234,111	239,316	2,767,784	5.0
Other Italian	51,303	57,949	59,524	658,102	0.6
Total Italian	271,678	292,060	298,840	3,425,886	4.2
Cream & Neufchatel	64,041	69,208	47,145	645,056	-6.2
Blue ²					
Hispanic	10,107	9,290	8,487	108,810	13.0
All Other Types	17,237	16,212	16,821	199,557	-9.2
Total Cheese ³	690,883	701,541	714,155	8,260,628	
Cottage Cheese					
Curd ⁴	38,184	35,432	33,472	453,195	-1.7
Creamed ⁵	31,334	29,786	27,520	371,623	
Lowfat ⁶	31,136	28,355	26,287	370,233	1.8
Canned Milk					
Evaporated and Cond. Whole ⁷	43,262	41,933	35,784	452,846	2.5
Evaporated Skim	2,050	1,430	504	14,972	-36.3
Bulk Condensed Milk					
Whole					
Sweetened	6,876	5,155	3,611	70,212	-0.8
Unsweetened	5,414	8,109	4,533	70,132	-6.3
Skim					
Sweetened	1,753	1,578	1,033	32,616	-5.8
Unsweetened	72,512	66,310	70,280	937,027	-8.3
Condensed or Evaporated					
Buttermilk	7,446	3,802	2,248	35,063	75.6
Dry Milk					
Dry Whole Milk	4,033	3,267	2,945	41,201	-63.0
Nonfat Dry Milk, Human	105,788	107,211	130,804	1,413,777	-2.6
Dry Skim Milk, Animal	410	292	467	5,507	-1.1
Dry Buttermilk	3,982	4,415	6,003	51,712	-8.1
Yogurt Plain & Fruit Flavored	157,815	143,314	156,741	2,002,825	9.1

¹ Includes Colby, Monterey, and Jack.

² Not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Included in All Other Types of Cheese.

³ Excluding cottage cheese.

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

⁵ Fat content 4.0 percent or more.

⁶ Fat content less than 4.0 percent, mostly 0.5 to 2.0 fat.

⁷ Combined to avoid disclosing individual plant operations.

**Specified Products: Production by Month,
United States, 2002**

Products	Plants	Jan	Feb	Mar	Apr
	<i>Number</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Butter	72	140,069	124,231	127,695	131,605
Cheese					
American Types					
Cheddar	167	246,385	227,721	253,112	253,909
Other American ¹	114	71,153	65,136	68,942	66,523
Total American	183	317,538	292,857	322,054	320,432
Swiss	36	21,076	19,201	20,784	20,657
Muenster	44	7,148	5,605	6,058	6,202
Brick	21	894	655	600	810
Limburger	1	79	43	43	51
Italian Varieties					
Mozzarella	117	236,958	223,384	246,569	231,324
Other Italian	92	59,696	54,629	60,755	58,595
Total Italian	148	296,654	278,013	307,324	289,919
Cream & Neufchatel	34	47,922	47,048	59,395	53,161
Blue ²					
Hispanic	38	10,548	9,025	9,724	10,343
All Other Types	140	15,595	15,440	16,782	17,656
Total Cheese ³	403	717,454	667,887	742,764	719,231
Cottage Cheese					
Curd ⁴	91	35,609	33,901	36,945	37,342
Creamed ⁵	88	30,045	29,034	31,607	31,454
Lowfat ⁶	85	29,525	29,344	31,999	31,091
Canned Milk					
Evaporated and Cond. Whole ⁷	14	39,689	40,036	55,236	49,318
Evaporated Skim	4	477	1,229	1,045	1,046
Bulk Condensed Milk					
Whole					
Sweetened	5	6,768	6,093	7,473	8,140
Unsweetened	9	4,910	5,177	5,863	3,880
Skim					
Sweetened	5	2,134	1,834	1,511	2,276
Unsweetened	39	80,228	79,395	105,225	90,246
Condensed or Evaporated					
Buttermilk	7	2,697	2,828	1,931	2,706
Dry Milk					
Dry Whole Milk	11	3,079	4,220	1,883	2,397
Nonfat Dry Milk, Human	44	128,675	127,707	153,057	164,159
Dry Skim Milk, Animal	29	743	912	767	508
Dry Buttermilk	22	6,641	5,127	5,903	5,742
Yogurt Plain &					
Fruit Flavored	92	169,952	170,032	186,653	180,476

See footnote(s) at end of table.

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**Specified Products: Production by Month,
United States, 2002 (continued)**

Products	May	Jun	Jul	Aug	Sep
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Butter	125,484	95,818	94,409	88,883	92,818
Cheese					
American Types					
Cheddar	258,360	243,222	232,613	231,669	214,095
Other American ¹	71,561	70,776	72,796	77,971	73,442
Total American	329,921	313,998	305,409	309,640	287,537
Swiss	21,433	20,871	20,966	20,737	21,390
Muenster	7,005	6,677	6,931	6,823	6,698
Brick	883	706	785	672	872
Limburger	63	42	32	82	29
Italian Varieties					
Mozzarella	247,659	228,778	222,293	229,911	226,158
Other Italian	57,413	51,610	53,213	55,929	51,725
Total Italian	305,072	280,388	275,506	285,840	277,883
Cream & Neufchatel	54,527	59,534	53,639	62,465	61,492
Blue ²					
Hispanic	10,350	9,215	10,298	10,354	10,166
All Other Types	19,009	16,853	18,629	17,701	17,828
Total Cheese ³	748,263	708,284	692,195	714,314	683,895
Cottage Cheese					
Curd ⁴	39,560	34,529	38,849	40,060	37,410
Creamed ⁵	32,966	30,787	32,588	33,753	31,945
Lowfat ⁶	34,658	29,266	34,105	34,778	31,505
Canned Milk					
Evaporated and Cond. Whole ⁷	53,903	58,932	52,454	49,229	44,184
Evaporated Skim	1,090	1,729	997	2,103	2,446
Bulk Condensed Milk					
Whole					
Sweetened	7,184	6,900	6,641	6,980	5,670
Unsweetened	5,618	4,950	4,156	4,089	3,674
Skim					
Sweetened	1,870	2,178	2,349	2,446	1,768
Unsweetened	94,590	90,676	90,648	93,614	78,337
Condensed or Evaporated					
Buttermilk	2,278	4,164	8,359	6,638	9,257
Dry Milk					
Dry Whole Milk	3,805	4,625	6,466	3,255	4,851
Nonfat Dry Milk, Human	163,379	152,982	129,071	117,870	97,191
Dry Skim Milk, Animal	764	647	840	635	512
Dry Buttermilk	5,716	4,048	3,296	3,226	2,903
Yogurt Plain &					
Fruit Flavored	186,576	177,373	186,856	184,534	199,398

See footnote(s) at end of table.

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**Specified Products: Production by Month,
United States, 2002 (continued)**

Products	Oct	Nov	Dec	Total	Change From 2001
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Butter	102,613	103,932	127,591	1,355,148	10.0
Cheese					
American Types					
Cheddar	219,119	219,669	240,203	2,840,077	3.4
Other American ¹	78,721	74,694	77,223	868,938	9.0
Total American	297,840	294,363	317,426	3,709,015	4.7
Swiss	22,418	21,737	22,826	254,096	3.5
Muenster	7,809	6,584	6,865	80,405	-2.2
Brick	965	716	748	9,306	6.9
Limburger	44	65	78	651	-7.3
Italian Varieties					
Mozzarella	237,294	234,783	248,601	2,813,712	1.7
Other Italian	63,524	62,617	63,060	692,766	5.3
Total Italian	300,818	297,400	311,661	3,506,478	2.4
Cream & Neufchatel					
Blue ²	71,570	78,146	60,652	709,551	10.0
Hispanic	11,206	9,944	10,078	121,251	11.4
All Other Types	19,487	16,489	16,827	208,296	4.4
Total Cheese ³	732,157	725,444	747,161	8,599,049	4.1
Cottage Cheese					
Curd ⁴	37,853	32,678	33,199	437,935	-3.4
Creamed ⁵	31,876	27,764	28,580	372,399	0.2
Lowfat ⁶	32,349	27,292	28,384	374,296	1.1
Canned Milk					
Evaporated and Cond. Whole ⁷	49,461	44,252	36,607	573,301	26.6
Evaporated Skim	2,994	2,638	1,950	19,744	31.9
Bulk Condensed Milk					
Whole					
Sweetened	5,741	4,703	4,599	76,892	9.5
Unsweetened	7,597	2,973	3,141	56,028	-20.1
Skim					
Sweetened	1,570	1,173	1,236	22,345	-31.5
Unsweetened	77,922	74,759	77,753	1,033,393	10.3
Condensed or Evaporated					
Buttermilk	7,092	4,701	3,224	55,875	59.4
Dry Milk					
Dry Whole Milk	5,517	3,434	3,879	47,411	15.1
Nonfat Dry Milk, Human	103,357	99,049	132,494	1,568,991	11.0
Dry Skim Milk, Animal	468	353	416	7,565	37.4
Dry Buttermilk	3,668	3,603	5,013	54,886	6.1
Yogurt Plain & Fruit Flavored	177,908	151,129	164,219	2,135,106	6.6

¹ Includes Colby, Monterey, and Jack.

² Not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Included in All Other Types of Cheese.

³ Excluding cottage cheese.

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

⁵ Fat content 4.0 percent or more.

⁶ Fat content less than 4.0 percent, mostly 0.5 to 2.0 fat.

⁷ Combined to avoid disclosing individual plant operations.

**Frozen Products: Production by Month,
United States, 2001, Revised**

Products	Plants	Jan	Feb	Mar	Apr	May	Jun
	<i>Number</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
Ice Cream							
Regular, Total		74,585	74,942	85,928	87,673	90,451	95,203
Regular, Hard	403	67,522	67,686	77,210	78,595	80,606	84,793
Lowfat, Total ¹		24,811	25,681	32,887	34,618	38,903	40,871
Lowfat, Soft		18,526	19,617	25,199	26,640	30,461	31,560
Lowfat, Hard	191	6,285	6,064	7,688	7,978	8,442	9,311
Nonfat, Total		1,588	1,715	1,954	1,819	2,071	2,425
Nonfat, Hard	82	1,368	1,450	1,711	1,556	1,787	2,080
Sherbet, Total		3,844	4,067	4,813	4,543	5,521	5,663
Hard	232	3,614	3,890	4,572	4,312	5,214	5,403
Yogurt, Total		5,878	5,061	6,376	6,198	7,035	6,992
Regular & Lowfat, Hard	134	1,746	1,670	2,278	1,967	2,403	2,290
Nonfat, Hard	73	1,032	781	1,165	1,164	1,320	1,308
Other Frozen							
Dairy Products ²	39	935	959	841	1,017	1,065	1,070
Water and Juice Ices ²	137	4,904	5,413	5,974	6,672	6,719	6,935
Mix for Products							
Ice Cream, Regular	310	38,030	37,761	43,902	45,206	46,449	49,600
Ice Cream, Lowfat ³	249	14,054	14,689	18,494	20,045	22,613	23,500
Ice Cream, Nonfat	87	842	1,051	1,056	903	1,097	1,301
Sherbet	189	2,549	2,689	3,227	3,156	3,747	3,869
Yogurt		3,086	3,180	3,767	3,760	4,249	4,024
		Jul	Aug	Sep	Oct	Nov	Dec
		<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
Ice Cream							
Regular, Total		92,019	90,209	77,975	75,129	65,564	60,443
Regular, Hard		82,154	79,953	70,260	67,701	59,216	54,590
Lowfat, Total ¹		38,702	37,423	29,551	28,855	23,779	24,084
Lowfat, Soft		30,529	29,088	22,274	21,719	18,329	17,540
Lowfat, Hard		8,173	8,335	7,277	7,136	5,450	6,544
Nonfat, Total		1,964	2,137	2,003	1,755	1,532	1,428
Nonfat, Hard		1,653	1,833	1,693	1,489	1,332	1,203
Sherbet, Total		5,310	4,961	3,959	3,789	3,196	2,968
Hard		5,044	4,636	3,736	3,610	3,019	2,785
Yogurt, Total		6,608	7,287	5,545	5,433	4,620	4,120
Regular & Lowfat, Hard		2,169	2,295	1,937	2,017	1,721	1,549
Nonfat, Hard		1,153	1,189	1,124	980	793	763
Other Frozen							
Dairy Products ²		1,124	974	808	591	595	534
Water and Juice Ices ²		6,609	6,044	4,461	4,393	3,101	3,192
Mix for Products							
Ice Cream, Regular		48,192	46,642	39,542	39,073	34,149	31,379
Ice Cream, Lowfat ³		22,596	21,954	16,958	16,073	13,733	13,552
Ice Cream, Nonfat		1,109	1,195	1,067	942	817	782
Sherbet		3,590	3,495	2,640	2,447	2,144	1,943
Yogurt		4,220	4,039	3,154	3,308	2,787	2,464

¹ Includes freezer-made milkshake.

² Plant count does not include counter-freezers.

³ Includes milkshake mix.

**Frozen Products: Production by Month,
United States, 2002**

Products	Plants	Jan	Feb	Mar	Apr	May	Jun
	<i>Number</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
Ice Cream							
Regular, Total		78,589	78,402	86,500	93,023	88,579	92,296
Regular, Hard	387	69,696	69,293	75,823	80,364	77,609	80,779
Lowfat, Total ¹		23,520	25,096	30,861	34,564	37,863	37,347
Lowfat, Soft		15,615	17,389	21,422	24,267	26,628	27,679
Lowfat, Hard	182	7,905	7,707	9,439	10,297	11,235	9,668
Nonfat, Total		2,046	1,678	2,121	1,992	1,685	1,620
Nonfat, Hard	82	1,665	1,350	1,858	1,693	1,566	1,483
Sherbet, Total		4,023	4,072	4,970	5,302	5,459	5,396
Hard	220	3,731	3,904	4,775	5,047	5,250	5,225
Yogurt, Total		5,715	6,012	6,696	7,156	6,932	6,498
Regular & Lowfat, Hard	137	1,807	1,834	2,212	2,134	2,411	2,137
Nonfat, Hard	69	978	987	1,217	1,159	1,056	1,204
Other Frozen							
Dairy Products ²	33	718	744	709	784	902	794
Water and Juice Ices ²	130	4,729	5,477	6,752	7,295	7,093	7,438
Mix for Products							
Ice Cream, Regular	303	41,147	40,488	44,508	47,829	46,465	48,518
Ice Cream, Lowfat ³	242	12,797	14,285	17,765	20,702	22,562	22,238
Ice Cream, Nonfat	77	1,247	939	1,244	1,125	1,090	1,154
Sherbet	179	2,745	2,754	3,381	3,487	3,675	3,583
Yogurt		3,181	3,326	3,694	3,777	4,159	3,832
	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
Ice Cream							
Regular, Total	95,449	88,898	79,985	79,432	64,781	62,949	988,883
Regular, Hard	82,999	77,896	69,894	70,501	57,374	53,903	866,131
Lowfat, Total ¹	36,211	34,033	28,540	27,696	22,428	23,428	361,587
Lowfat, Soft	28,029	25,227	20,910	19,830	16,012	16,648	259,656
Lowfat, Hard	8,182	8,806	7,630	7,866	6,416	6,780	101,931
Nonfat, Total	1,678	1,655	1,539	1,694	1,576	1,353	20,637
Nonfat, Hard	1,546	1,534	1,423	1,572	1,451	1,250	18,391
Sherbet, Total	5,675	4,820	4,283	4,229	3,085	3,325	54,639
Hard	5,478	4,629	4,124	4,058	2,934	3,189	52,344
Yogurt, Total	6,722	6,619	6,046	5,842	4,937	4,231	73,406
Regular & Lowfat, Hard	2,230	1,997	1,928	2,061	1,733	1,308	23,792
Nonfat, Hard	1,218	1,275	1,181	1,023	962	786	13,046
Other Frozen							
Dairy Products ²	833	776	712	713	427	523	8,635
Water and Juice Ices ²	7,535	5,879	4,378	4,670	3,202	3,230	67,678
Mix for Products							
Ice Cream, Regular	50,739	46,787	42,868	41,751	33,998	36,956	522,054
Ice Cream, Lowfat ³	22,333	20,669	16,904	16,367	12,868	13,694	213,184
Ice Cream, Nonfat	1,005	992	1,031	972	1,016	802	12,617
Sherbet	3,782	3,435	2,995	2,936	2,375	2,342	37,490
Yogurt	4,131	3,963	3,569	3,345	2,933	2,646	42,556

¹ Includes freezer-made milkshake.

² Plant count does not include counter-freezers.

³ Includes milkshake mix.

**Whey and Modified Whey Products: Production by Month,
United States, 2001, Revised**

Products	Plants	Jan	Feb	Mar	Apr
	<i>Number</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	10	4,426	4,237	5,262	6,139
Sweet Type, Animal	2	1,170	1,210	1,200	1,055
Dry Whey Products					
Dry Whey, Total		88,986	84,044	93,233	89,592
Dry Whey, Human	40	83,336	78,811	87,965	83,386
Dry Whey, Animal	27	5,650	5,233	5,268	6,206
Reduced Lactose and Minerals					
Human Food	9	6,804	6,599	6,922	8,431
Animal Feed	6	3,282	3,062	3,366	3,174
Whey					
Solids in Wet Blends, Animal	3	3,164	3,335	2,806	3,024
Protein Concentrate, Human	35	25,099	22,733	25,774	25,112
Protein Concentrate, Animal	6	3,952	3,693	3,913	3,931
Lactose, Human and Animal	30	42,353	39,682	44,312	41,779
Products	May	Jun	Jul	Aug	Sep
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	7,718	6,968	7,273	5,086	5,247
Sweet Type, Animal	885	912	888	956	885
Dry Whey Products					
Dry Whey, Total	94,112	91,423	92,036	83,108	76,322
Dry Whey, Human	87,676	84,691	84,606	77,991	71,841
Dry Whey, Animal	6,436	6,732	7,430	5,117	4,481
Reduced Lactose and Minerals					
Human Food	9,421	8,233	7,560	7,526	7,904
Animal Feed	3,521	3,369	3,462	2,956	2,889
Whey					
Solids in Wet Blends, Animal	4,429	3,695	2,689	3,114	3,334
Protein Concentrate, Human	26,036	25,869	23,966	23,228	22,452
Protein Concentrate, Animal	4,133	4,092	3,641	3,770	3,584
Lactose, Human and Animal	45,910	43,457	42,734	41,460	41,344
Products	Oct	Nov	Dec	Total	
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	5,782	4,891	5,795	68,824	
Sweet Type, Animal	941	1,267	1,291	12,660	
Dry Whey Products					
Dry Whey, Total	79,617	82,293	90,889	1,045,655	
Dry Whey, Human	75,344	77,574	85,574	978,795	
Dry Whey, Animal	4,273	4,719	5,315	66,860	
Reduced Lactose and Minerals					
Human Food	7,138	7,098	7,046	90,682	
Animal Feed	3,090	3,188	3,204	38,563	
Whey					
Solids in Wet Blends, Animal	3,393	3,495	3,373	39,851	
Protein Concentrate, Human	22,486	22,820	24,552	290,127	
Protein Concentrate, Animal	3,900	3,706	3,779	46,094	
Lactose, Human and Animal	46,049	43,984	46,097	519,161	

¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified dry whey products.

**Whey and Modified Whey Products: Production by Month,
United States, 2002**

Products	Plants	Jan	Feb	Mar	Apr
	<i>Number</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	10	9,598	8,217	9,353	10,152
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total		90,071	84,430	96,405	93,868
Dry Whey, Human	41	85,491	79,948	91,727	88,669
Dry Whey, Animal	31	4,580	4,482	4,678	5,199
Reduced Lactose and Minerals					
Human Food	8	8,559	7,666	8,277	8,926
Animal Feed	6	3,685	3,483	3,514	3,521
Whey					
Solids in Wet Blends, Animal	3	3,054	3,988	2,704	3,169
Protein Concentrate, Human	39	25,053	24,890	25,732	25,166
Protein Concentrate, Animal	7	3,920	3,263	3,393	3,036
Lactose, Human and Animal	33	48,483	43,984	49,303	47,844
Products	May	Jun	Jul	Aug	Sep
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	9,736	9,669	7,892	8,669	8,819
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total	98,417	93,720	92,358	93,820	89,639
Dry Whey, Human	92,720	88,507	86,411	87,998	84,524
Dry Whey, Animal	5,697	5,213	5,947	5,822	5,115
Reduced Lactose and Minerals					
Human Food	9,541	8,046	8,846	6,858	4,269
Animal Feed	3,735	3,409	3,529	3,374	3,214
Whey					
Solids in Wet Blends, Animal	2,709	2,953	2,424	3,097	2,828
Protein Concentrate, Human	26,099	24,077	23,030	22,040	20,432
Protein Concentrate, Animal	3,247	2,510	3,174	3,503	3,085
Lactose, Human and Animal	47,754	46,570	46,279	46,364	44,484
Products	Oct	Nov	Dec	Total	
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	8,671	8,439	9,035	108,250	
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total	93,177	91,599	98,268	1,115,772	
Dry Whey, Human	88,649	85,953	92,088	1,052,685	
Dry Whey, Animal	4,528	5,646	6,180	63,087	
Reduced Lactose and Minerals					
Human Food	4,384	3,560	3,981	82,913	
Animal Feed	3,543	3,199	3,551	41,757	
Whey					
Solids in Wet Blends, Animal	4,009	3,877	2,844	37,656	
Protein Concentrate, Human	22,971	23,137	24,886	287,513	
Protein Concentrate, Animal	3,443	3,185	3,300	39,059	
Lactose, Human and Animal	46,992	46,177	48,902	563,136	

¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified dry whey products.

² Not shown when fewer than three plants reported or individual plant operations could be disclosed.

**Manufacturers' Whey Stocks and Selling Prices: Production by Month,
United States, 2001, Revised**

Products	Jan	Feb	Mar	Apr
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	33,728	31,479	30,809	29,164
Dry Whey, Animal	5,893	5,650	4,923	4,390
Reduced Lactose and Minerals				
Human and Animal	5,909	6,256	5,352	5,891
Lactose, Human and Animal ²	31,241	30,131	28,039	26,098
Whey Protein Concentrate, Human	9,554	8,959	11,482	12,831
Whey Protein Concentrate, Animal	1,604	1,652	1,908	2,414
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	24.0	24.0	21.7	21.5
Products	May	Jun	Jul	Aug
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	26,946	28,954	32,069	27,598
Dry Whey, Animal	5,068	5,329	5,250	4,405
Reduced Lactose and Minerals				
Human and Animal ²	6,064	6,435	7,530	6,519
Lactose, Human and Animal	24,575	28,108	26,599	20,653
Whey Protein Concentrate, Human	13,121	14,150	15,140	13,803
Whey Protein Concentrate, Animal	2,011	1,894	2,094	1,802
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	24.0	26.9	28.0	27.9
Products	Sep	Oct	Nov	Dec
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	26,799	24,711	27,131	37,679
Dry Whey, Animal	4,319	3,476	2,231	1,937
Reduced Lactose and Minerals				
Human and Animal ²	7,860	6,710	7,418	7,733
Lactose, Human and Animal	21,784	20,288	20,455	31,054
Whey Protein Concentrate, Human	14,916	13,077	14,377	18,863
Whey Protein Concentrate, Animal	1,799	1,557	1,799	929
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	25.8	23.6	26.6	27.6

¹ Stocks held by manufacturers at all points and in transit.

² Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

³ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Manufacturers' Whey Stocks and Selling Prices: Production by Month,
United States, 2002**

Products	Jan	Feb	Mar	Apr
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	37,204	37,148	42,369	39,356
Dry Whey, Animal	1,926	1,430	1,145	1,668
Reduced Lactose and Minerals Human and Animal ²	8,201	8,078	8,283	8,603
Lactose, Human and Animal	38,769	36,312	44,316	46,950
Whey Protein Concentrate, Human	21,807	21,697	24,962	31,826
Whey Protein Concentrate, Animal	1,877	1,652	1,311	1,577
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	24.9	20.4	18.4	17.7
Products	May	Jun	Jul	Aug
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	35,580	36,720	30,408	28,924
Dry Whey, Animal	1,578	2,383	2,785	2,709
Reduced Lactose and Minerals Human and Animal ²	9,875	9,845	11,754	11,405
Lactose, Human and Animal	45,300	45,689	43,657	39,185
Whey Protein Concentrate, Human	30,582	32,608	29,712	24,771
Whey Protein Concentrate, Animal	1,592	1,956	1,218	1,303
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	16.0	14.6	13.9	14.4
Products	Sep	Oct	Nov	Dec
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	30,694	31,939	36,631	47,012
Dry Whey, Animal	2,138	2,185	3,126	2,380
Reduced Lactose and Minerals Human and Animal ²	10,437	8,825	9,109	10,079
Lactose, Human and Animal	39,285	41,930	39,280	45,512
Whey Protein Concentrate, Human	21,898	22,505	22,135	23,195
Whey Protein Concentrate, Animal	1,283	1,127	1,429	1,445
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	17.6	20.8	21.5	16.7

¹ Stocks held by manufacturers at all points and in transit.

² Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

³ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks,
and Selling Prices, by Month, United States, 2001, Revised**

Products	Jan	Feb	Mar	Apr	May	Jun
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	7,343	7,211	5,901	5,737	5,130	4,443
Nonfat Dry Milk, Human	144,629	145,906	150,005	150,714	160,210	115,860
Dry Skim Milk, Animal	250	627	463	480	638	523
Dry Buttermilk, Human	5,761	5,203	5,113	4,985	4,507	5,321
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	34,420	43,272	53,453	58,969	64,606	75,085
Dry Whole Milk	4,032	2,944	2,964	3,534	3,090	1,982
Nonfat Dry Milk, Human	146,348	137,771	123,481	127,114	134,039	166,665
Dry Skim Milk, Animal	854	1,107	1,378	1,399	1,130	2,009
Dry Buttermilk, Total	6,542	6,283	4,360	3,735	5,055	4,302
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	126.80	126.00	128.20	131.60	144.20	144.20
Dry Skim Milk, Animal	87.00	60.60	65.10	79.20	65.70	74.50
Dry Buttermilk, Human	96.50	92.90	90.70	96.50	95.70	100.10
	Jul	Aug	Sep	Oct	Nov	Dec
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	3,892	4,431	4,265	4,714	3,933	4,284
Nonfat Dry Milk, Human	156,177	156,993	118,457	126,387	125,211	129,522
Dry Skim Milk, Animal	1,032	883	702	472	264	299
Dry Buttermilk, Human	4,158	4,555	8,591	5,612	5,432	4,128
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	78,214	79,532	82,473	56,914	48,278	40,264
Dry Whole Milk	2,163	2,496	2,589	2,921	3,026	2,894
Nonfat Dry Milk, Human	147,202	108,956	101,889	102,151	102,785	124,458
Dry Skim Milk, Animal	1,481	1,162	1,111	977	646	778
Dry Buttermilk, Total	4,447	3,436	4,056	3,724	4,129	7,671
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	138.20	141.00	143.70	141.40	131.30	128.70
Dry Skim Milk, Animal	79.90	75.90	77.80	74.30	56.60	50.30
Dry Buttermilk, Human	100.70	97.10	103.40	99.90	102.30	101.80

¹ For dry products, shipments of bulk goods only.

² Stocks held by manufacturers at all points and in transit.

³ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms, weighted by shipments of each firm.

**Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks,
and Selling Prices, by Month, United States, 2002**

Products	Jan	Feb	Mar	Apr	May	Jun
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	5,256	4,853	4,420	3,328	4,106	4,134
Nonfat Dry Milk, Human	158,089	135,587	155,385	178,746	188,748	173,896
Dry Skim Milk, Animal	286	912	334	595	366	618
Dry Buttermilk, Human	4,546	5,967	5,808	7,316	5,158	5,421
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	42,080	45,771	43,642	48,809	55,405	68,733
Dry Whole Milk	2,339	2,956	2,643	2,974	2,711	2,724
Nonfat Dry Milk, Human	120,094	144,563	159,865	164,087	169,719	177,790
Dry Skim Milk, Animal	1,192	1,267	2,189	2,063	2,413	3,087
Dry Buttermilk, Total	8,664	8,923	9,670	12,383	13,991	13,090
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	124.60	123.70	117.50	121.20	120.60	119.20
Dry Skim Milk, Animal	60.90	43.00	52.60	52.20	69.80	64.00
Dry Buttermilk, Human	95.70	90.60	85.40	86.70	84.30	82.80
	Jul	Aug	Sep	Oct	Nov	Dec
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	4,385	4,812	4,849	4,795	5,015	3,550
Nonfat Dry Milk, Human	175,549	183,253	139,578	124,527	106,237	124,292
Dry Skim Milk, Animal	1,117	599	536	414	355	316
Dry Buttermilk, Human	5,216	6,640	5,737	7,938	5,959	5,980
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	80,048	89,882	81,363	61,451	54,691	53,871
Dry Whole Milk	3,387	2,262	2,788	2,932	1,769	3,244
Nonfat Dry Milk, Human	152,397	109,476	84,725	79,430	85,824	103,019
Dry Skim Milk, Animal	2,755	2,344	2,139	1,630	2,013	2,012
Dry Buttermilk, Total	13,119	10,048	8,564	6,057	7,158	9,054
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	120.10	113.80	114.20	114.30	115.70	117.40
Dry Skim Milk, Animal	70.80	76.50	60.30	66.10	70.30	64.70
Dry Buttermilk, Human	79.80	77.40	77.20	77.10	82.90	81.50

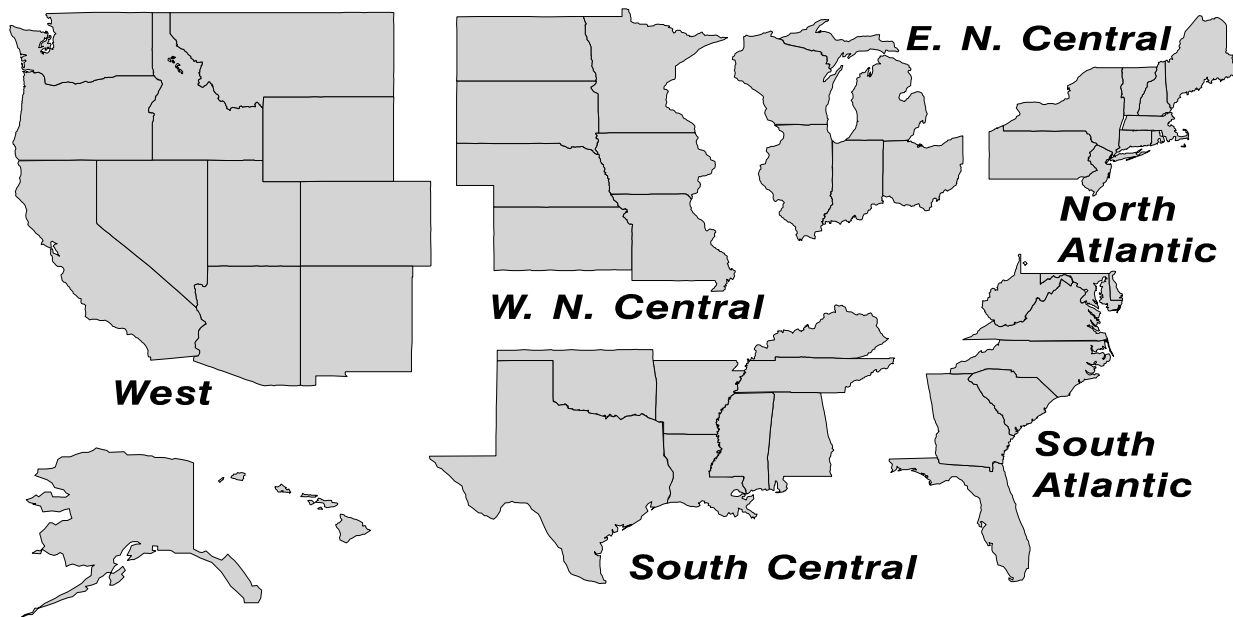
¹ For dry products, shipments of bulk goods only.

² Stocks held by manufacturers at all points and in transit.

³ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms, weighted by shipments of each firm.

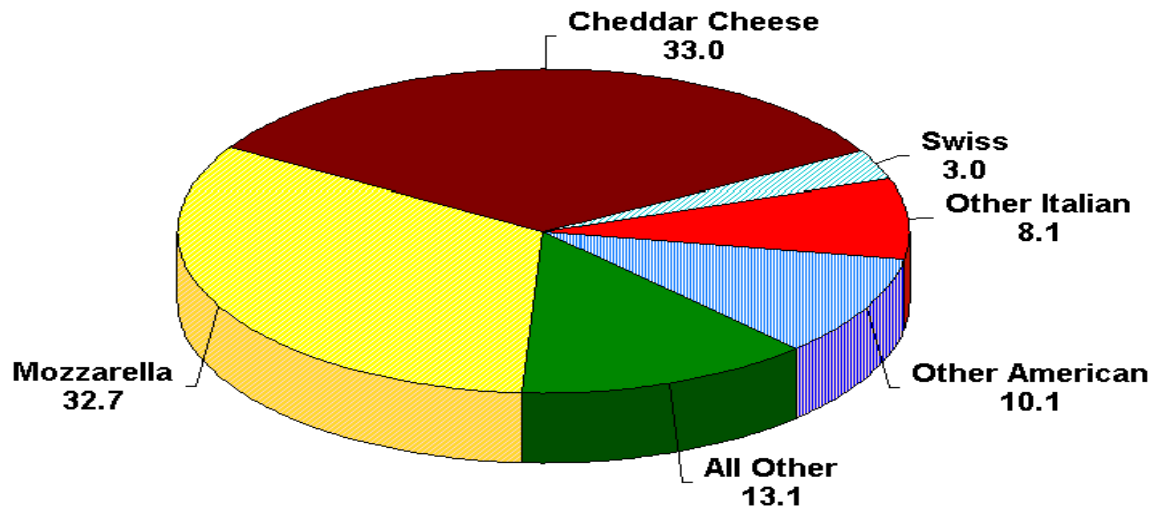
U. S. Geographic Regions Dairy Products

State totals are not published when fewer than 3 firms have reported or one firm comprises more than 60 percent of the State total. If we are not able to publish a region for confidentiality reasons, it will be combined with other regions when possible. For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic. The West North Central and East North Central will be combined, if necessary, to form North Central. In the event that neither could be published, they may be combined with South Central to publish Central. Some tables will have only limited regions shown, therefore the regions may not add to the United States total.



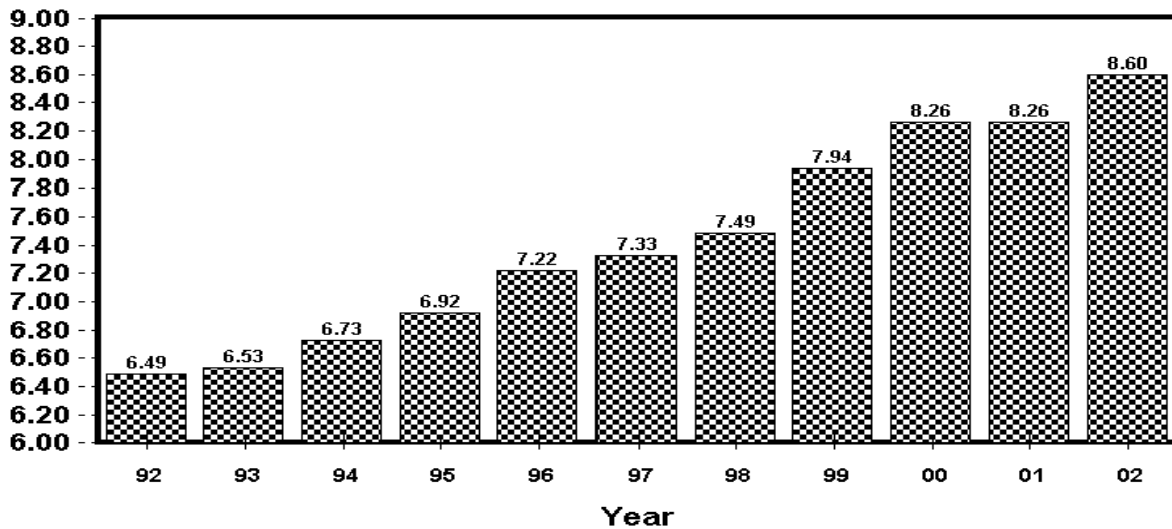
Cheese Production

Percent by Type, 2002



Total Cheese Production United States

Billion Pounds



**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	144,619	131,631	143,961	142,218	147,550	140,986	142,909	146,757
ID	48,123	48,370	50,991	49,326	52,456	51,043	49,814	58,523
IL	8,546	7,284	7,751	7,542	7,736	7,517	7,850	7,500
IA	22,677	21,409	24,714	24,269	23,653	23,526	22,584	21,919
MA	62	55	75	60	71	60	115	61
MN	53,736	48,858	54,175	53,631	54,547	51,387	45,733	45,518
MO	7,624	7,487	8,077	6,942	8,684	7,811	8,576	8,579
NY	59,244	55,558	64,112	57,851	59,069	57,422	55,464	57,320
OH	13,982	12,634	13,533	13,695	13,100	12,287	12,153	12,075
PA	30,857	33,166	31,725	33,757	35,378	31,316	27,717	28,489
SD	13,316	12,162	13,307	12,642	13,283	12,401	12,463	13,784
UT	4,847	4,697	5,118	6,180	6,527	6,207	6,063	6,271
WA	12,538	11,780	13,240	12,666	13,029	12,824	12,684	12,595
WI	184,148	169,788	194,517	188,104	190,765	182,995	180,985	188,910
Oth Sts ¹	113,135	103,008	117,468	110,348	122,415	110,502	107,085	106,013
US	717,454	667,887	742,764	719,231	748,263	708,284	692,195	714,314
N Atl	109,945	107,096	116,947	110,193	115,670	106,166	101,621	105,234
S Atl	3,661	3,262	3,351	4,167	3,366	3,053	3,447	3,046
E N Cen	220,914	202,482	230,016	223,271	227,480	217,522	214,189	220,393
W N Cen	105,841	98,209	110,237	106,209	109,033	103,803	97,182	96,683
S Cen	4,229	4,353	5,559	4,968	5,094	6,134	5,638	6,271
West	272,864	252,485	276,654	270,423	287,620	271,606	270,118	282,687

See footnote(s) at end of table.

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**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02 (continued)**

State	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	142,676	144,636	145,734	148,513	1,722,190	63	1,643,334	66
ID	51,907	53,195	54,825	51,370	619,943	10	569,419	9
IL	8,166	8,708	8,156	8,299	95,055	13	102,690	14
IA	17,670	24,114	23,485	22,089	272,109	8	263,552	8
MA	64	68	67	83	841	6	858	6
MN	36,213	46,314	47,549	53,182	590,843	14	594,085	14
MO	8,917	9,079	9,142	7,603	98,521	3	99,104	3
NY	58,206	61,527	67,556	63,493	716,822	45	702,754	40
OH	13,302	14,577	13,760	14,429	159,527	15	146,184	16
PA	27,742	30,751	29,973	33,180	374,051	19	366,972	19
SD	12,407	13,464	13,016	13,419	155,664	6	146,897	6
UT	4,981	4,566	4,598	6,241	66,296	6	62,596	7
WA	12,695	13,427	13,102	13,321	153,901	3	146,715	3
WI	185,198	195,398	184,724	190,107	2,235,639	116	2,133,156	122
Oth Sts ¹	103,751	112,333	109,757	121,832	1,337,647	76	1,282,312	74
US	683,895	732,157	725,444	747,161	8,599,049	403	8,260,628	407
N Atl	103,319	111,245	115,587	117,264	1,320,287	97	1,278,998	92
S Atl	3,304	3,273	2,913	2,513	39,356	5	39,856	5
E N Cen	218,709	232,727	219,551	228,927	2,656,181	157	2,545,292	166
W N Cen	82,155	101,319	102,170	105,770	1,218,611	38	1,214,400	38
S Cen	7,057	6,501	7,213	7,045	70,062	12	52,980	10
West	269,351	277,092	278,010	285,642	3,294,552	94	3,129,102	96

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

**Total American Type Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02 ¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	66,130	60,693	69,616	67,464	71,018	68,417	67,345	68,266
ID	40,170	38,325	40,340	41,736	41,824	40,285	41,829	45,517
IA	11,958	10,994	11,917	12,175	12,792	11,558	11,199	11,107
MN	52,022	47,477	51,868	51,420	52,507	49,361	43,641	43,846
NY	9,210	8,924	9,120	8,996	9,960	8,189	8,109	7,013
OH	3,373	2,774	2,981	3,449	3,004	2,668	2,405	2,288
OR	7,392	7,036	7,944	6,959	8,335	8,086	7,972	8,192
SD	6,549	6,133	6,687	6,294	6,689	6,163	6,243	6,665
WA	12,378	11,539	13,043	12,556	13,006	12,801	12,657	12,573
WI	74,476	68,905	74,313	74,354	74,198	73,143	70,955	71,686
Oth Sts ²	33,880	30,057	34,225	35,029	36,588	33,327	33,054	32,487
US	317,538	292,857	322,054	320,432	329,921	313,998	305,409	309,640
Atlantic	15,838	14,332	14,789	14,933	15,897	12,609	13,338	11,828
E N Cen	79,118	72,592	78,344	79,026	78,554	76,918	74,698	75,358
W N Cen	72,168	66,446	72,222	71,781	74,057	68,387	62,216	62,596
S Cen	4,104	3,929	5,232	4,364	3,947	4,485	3,675	3,676
West	146,310	135,558	151,467	150,328	157,466	151,599	151,482	156,182

See footnote(s) at end of table.

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**Total American Type Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02¹ (continued)**

State	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	71,504	66,923	66,384	70,410	814,170	24	745,391	25
ID	39,454	38,654	37,428	37,279	482,841	8	470,945	7
IA	10,419	11,653	11,164	12,223	139,159	5	131,188	5
MN	35,063	44,619	46,445	51,076	569,345	10	557,277	11
NY	5,372	4,799	5,467	7,550	92,709	15	98,476	12
OH	2,846	3,164	2,494	2,820	34,266	6	28,512	6
OR	8,188	8,134	7,834	8,088	94,160	4	70,258	4
SD	6,030	6,651	6,409	6,638	77,151	5	81,182	5
WA	12,671	13,410	13,077	13,299	153,010	3	142,776	3
WI	65,076	69,268	68,332	73,566	858,272	61	833,232	67
Oth Sts ²	30,914	30,565	29,329	34,477	393,932	42	384,948	44
US	287,537	297,840	294,363	317,426	3,709,015	183	3,544,185	189
Atlantic	8,959	9,727	10,719	13,325	156,294	29	168,924	26
E N Cen	69,294	73,990	72,044	77,785	907,721	74	876,314	81
W N Cen	52,317	63,916	65,038	71,472	802,616	25	786,982	26
S Cen	4,635	3,635	3,960	4,985	50,627	8	48,584	8
West	152,332	146,572	142,602	149,859	1,791,757	47	1,663,381	48

¹ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Cheddar Cheese: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	48,483	45,190	52,148	50,412	52,336	49,620	46,072	48,948
ID	18,598	18,558	19,631	20,211	20,317	18,430	20,216	18,508
IA	6,501	6,341	6,812	7,116	7,642	6,077	5,581	5,314
MN	49,321	44,737	49,342	48,579	49,712	46,677	40,801	40,709
NY	9,117	8,862	9,010	8,923	9,870	8,087	8,010	6,953
OH	2,589	2,104	2,229	2,759	2,423	2,091	2,151	1,883
SD	4,725	4,002	3,726	4,749	4,082	3,876	3,822	4,253
UT								
WA	10,129	9,389	11,114	10,216	10,703	11,150	10,402	10,204
WI	59,234	54,478	60,570	61,965	59,702	58,619	57,806	57,493
Oth Sts ¹	37,688	34,060	38,530	38,979	41,573	38,595	37,752	37,404
US	246,385	227,721	253,112	253,909	258,360	243,222	232,613	231,669
Atlantic	15,304	13,931	14,445	14,655	15,524	12,301	13,090	11,616
E N Cen	61,825	56,587	62,805	64,727	62,130	60,714	59,961	59,379
W N Cen	62,182	56,920	61,627	62,333	63,501	57,932	51,334	51,251
S Cen	4,104	3,904	5,227	4,348	3,939	4,485	3,675	3,676
West	102,970	96,379	109,008	107,846	113,266	107,790	104,553	105,747
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	52,720	46,087	47,332	50,846	590,194	20	539,221	20
ID	16,586	15,305	14,349	14,784	215,493	8	231,183	7
IA	5,155	5,609	5,551	6,360	74,059	4	69,967	4
MN	32,316	42,184	43,819	46,421	534,618	10	522,821	11
NY	5,281	4,723	5,348	7,464	91,648	14	97,531	11
OH	2,266	2,488	1,886	1,873	26,742	4	22,435	4
SD	4,159	3,649	3,953	4,477	49,473	5	60,307	5
UT							19,165	7
WA	10,237	10,687	10,947	10,918	126,096	3	113,867	3
WI	50,447	53,505	53,734	59,068	686,621	58	665,242	64
Oth Sts ¹	34,928	34,882	32,750	37,992	445,133	41	404,952	34
US	214,095	219,119	219,669	240,203	2,840,077	167	2,746,691	170
Atlantic	8,667	9,473	10,076	12,900	151,982	25	163,174	22
E N Cen	52,717	55,997	55,622	60,943	713,407	67	687,732	73
W N Cen	42,431	52,425	54,338	58,791	675,065	24	670,383	25
S Cen	4,635	3,635	3,960	4,980	50,568	8	48,517	7
West	105,645	97,589	95,673	102,589	1,249,055	43	1,176,885	43

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

**Other American Varieties of Cheese: Production by Month,
State, and United States, 2002 and Total 2001-02 ¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	17,647	15,503	17,468	17,052	18,682	18,797	21,273	19,318
ID	21,572	19,767	20,709	21,525	21,507	21,855	21,613	27,009
MN	2,701	2,740	2,526	2,841	2,795	2,684	2,840	3,137
NY	93	62	110	73	90	102	99	60
OH	784	670	752	690	581	577	254	405
SD	1,824	2,131	2,961	1,545	2,607	2,287	2,421	2,412
WA	2,249	2,150	1,929	2,340	2,303	1,651	2,255	2,369
WI	15,242	14,427	13,743	12,389	14,496	14,524	13,149	14,193
Oth Sts ²	9,041	7,686	8,744	8,068	8,500	8,299	8,892	9,068
US	71,153	65,136	68,942	66,523	71,561	70,776	72,796	77,971
Atlantic	534	401	344	278	373	308	248	212
Central	27,279	25,556	26,139	23,763	26,988	26,659	25,619	27,324
West	43,340	39,179	42,459	42,482	44,200	43,809	46,929	50,435
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	18,784	20,836	19,052	19,564	223,976	19	206,170	17
ID	22,868	23,349	23,079	22,495	267,348	4	239,762	4
MN	2,747	2,435	2,626	4,655	34,727	3	34,456	3
NY	91	76	119	86	1,061	6	945	4
OH	580	676	608	947	7,524	4	6,077	4
SD	1,871	3,002	2,456	2,161	27,678	3	20,875	3
WA	2,434	2,723	2,130	2,381	26,914	1	28,909	1
WI	14,629	15,763	14,598	14,498	171,651	47	167,990	52
Oth Sts ²	9,438	9,861	10,026	10,436	108,059	27	92,310	27
US	73,442	78,721	74,694	77,223	868,938	114	797,494	115
Atlantic	292	254	643	425	4,312	14	5,750	11
Central	26,463	29,484	27,122	29,528	321,924	70	305,248	76
West	46,687	48,983	46,929	47,270	542,702	30	486,496	28

¹ Includes Colby, Monterey, and Jack.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Swiss Cheese: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
OH	7,702	7,121	7,735	7,619	8,055	7,733	7,482	7,330
PA	646	607	683	770	835	793	852	775
WI	3,281	2,913	3,178	3,125	3,075	3,128	3,042	3,052
Oth Sts ¹	9,447	8,560	9,188	9,143	9,468	9,217	9,590	9,580
US	21,076	19,201	20,784	20,657	21,433	20,871	20,966	20,737
Central	17,721	16,157	17,472	17,157	17,721	17,457	17,162	16,775
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
OH	7,980	8,616	8,237	8,780	94,390	11	90,223	12
PA	722	794	746	811	9,034	3	7,898	3
WI	3,181	3,426	3,153	3,269	37,823	10	35,872	13
Oth Sts ¹	9,507	9,582	9,601	9,966	112,849	12	111,511	13
US	21,390	22,418	21,737	22,826	254,096	36	245,504	41
Central	17,742	18,848	18,048	18,707	210,967	27	205,416	32

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

² Region totals may not add to U.S. when compiled regions could not be disclosed.

**Brick Cheese: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
WI	373	325	288	258	329	315	300	378
Oth Sts ¹	521	330	312	552	554	391	485	294
US	894	655	600	810	883	706	785	672
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
WI	388	515	347	413	4,229	18	3,979	19
Oth Sts ¹	484	450	369	335	5,077	3	4,727	2
US	872	965	716	748	9,306	21	8,706	21

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

**Muenster Cheese: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
WI	5,061	4,225	4,184	4,391	5,310	4,711	5,101	4,993
Oth Sts ¹	2,087	1,380	1,874	1,811	1,695	1,966	1,830	1,830
US	7,148	5,605	6,058	6,202	7,005	6,677	6,931	6,823
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
WI	4,995	5,780	4,796	5,097	58,644	29	59,508	29
Oth Sts ¹	1,703	2,029	1,788	1,768	21,761	15	22,714	12
US	6,698	7,809	6,584	6,865	80,405	44	82,222	41

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

**Hispanic Cheese: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	6,881	6,047	6,303	6,902	6,724	6,029	6,656	6,784
WI	2,418	2,227	2,538	2,449	2,460	2,122	2,429	2,573
Oth Sts ¹	1,249	751	883	992	1,166	1,064	1,213	997
US	10,548	9,025	9,724	10,343	10,350	9,215	10,298	10,354
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	6,644	7,051	6,253	6,395	78,669	12	70,636	11
WI	2,297	2,832	2,756	2,676	29,777	14	24,730	9
Oth Sts ¹	1,225	1,323	935	1,007	12,805	12	13,444	12
US	10,166	11,206	9,944	10,078	121,251	38	108,810	32

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

**Italian Cheese, Total: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	68,756	62,446	64,798	64,122	66,041	63,882	64,830	68,557
NY	36,353	32,550	37,556	32,780	34,676	31,290	32,315	32,391
PA	22,566	25,507	21,329	24,517	24,709	20,285	17,792	18,242
SD	5,946	5,358	5,753	5,495	5,783	5,423	6,026	7,113
WA								
WI	78,134	72,477	87,802	82,141	82,392	77,308	77,784	81,268
Oth Sts ¹	84,899	79,675	90,086	80,864	91,471	82,200	76,759	78,269
US	296,654	278,013	307,324	289,919	305,072	280,388	275,506	285,840
Atlantic ²	73,798	72,137	75,027	71,392	75,032	64,974	63,906	65,698
E N Cen	93,649	86,722	103,499	97,214	98,589	92,482	91,461	93,912
West	111,274	102,421	108,805	103,416	113,239	104,837	101,501	108,121
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	61,868	67,198	70,194	68,494	791,186	26	772,827	29
NY	32,706	37,691	36,756	37,116	414,180	12	404,655	13
PA	17,134	18,651	18,744	22,224	251,700	10	252,560	10
SD	6,370	6,805	6,597	6,775	73,444	3		
WA							3,743	1
WI	85,060	86,024	79,396	82,475	972,261	52	949,973	53
Oth Sts ¹	74,745	84,449	85,713	94,577	1,003,707	45	1,042,128	45
US	277,883	300,818	297,400	311,661	3,506,478	148	3,425,886	151
Atlantic ²	64,064	70,296	68,607	74,280	839,211	38	808,949	39
E N Cen	97,712	100,668	93,656	99,679	1,149,243	61	1,123,711	62
West	98,377	110,580	115,811	117,680	1,296,062	39	1,255,331	41

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

² Region totals may not add to U.S. when compiled regions could not be disclosed.

**Mozzarella Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	59,848	53,605	55,161	54,956	57,602	55,606	58,269	61,286
IL	299	251	266	294	307	260	298	294
NY	17,820	15,560	18,251	17,211	18,098	17,526	16,227	16,890
PA	18,829	21,246	17,992	19,088	20,347	16,530	15,605	13,767
WA								
WI	60,013	56,677	69,628	63,635	63,206	59,428	59,209	62,228
Oth Sts ¹	80,149	76,045	85,271	76,140	88,099	79,428	72,685	75,446
US	236,958	223,384	246,569	231,324	247,659	228,778	222,293	229,911
Atlantic ²	47,050	47,373	48,409	46,470	50,678	44,553	42,277	42,981
E N Cen	72,933	68,576	82,796	76,403	77,649	72,984	70,910	72,702
West	101,309	92,569	98,212	93,220	103,732	95,661	93,726	99,263
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	59,210	60,385	61,962	59,861	697,751	23	675,623	26
IL	246	277	247	255	3,294	4		
NY	15,391	16,814	16,601	17,566	203,955	11	241,470	11
PA	13,290	14,576	14,434	18,554	204,258	7		
WA							3,743	1
WI	66,708	64,891	59,926	62,463	748,012	40	713,336	40
Oth Sts ¹	71,313	80,351	81,613	89,902	956,442	32	1,133,612	44
US	226,158	237,294	234,783	248,601	2,813,712	117	2,767,784	122
Atlantic ²	39,702	42,348	41,055	48,042	540,938	29	563,057	30
E N Cen	77,191	77,031	71,441	77,093	897,709	48	863,160	48
West	94,055	101,820	105,533	107,009	1,186,109	34	1,145,046	38

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

² Region totals may not add to U.S. when compiled regions could not be disclosed.

**Other Italian Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	8,908	8,841	9,637	9,166	8,439	8,276	6,561	7,271
NY	18,533	16,990	19,305	15,569	16,578	13,764	16,088	15,501
PA	3,737	4,261	3,337	5,429	4,362	3,755	2,187	4,475
WI	18,121	15,800	18,174	18,506	19,186	17,880	18,575	19,040
Oth Sts ¹	10,397	8,737	10,302	9,925	8,848	7,935	9,802	9,642
US	59,696	54,629	60,755	58,595	57,413	51,610	53,213	55,929
Atlantic	26,748	24,764	26,618	24,922	24,354	20,421	21,629	22,717
Central	22,983	20,013	23,544	23,477	23,552	22,013	23,809	24,354
West	9,965	9,852	10,593	10,196	9,507	9,176	7,775	8,858
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	2,658	6,813	8,232	8,633	93,435	17	97,204	16
NY	17,315	20,877	20,155	19,550	210,225	11	163,185	10
PA	3,844	4,075	4,310	3,670	47,442	9	43,195	9
WI	18,352	21,133	19,470	20,012	224,249	29	236,637	29
Oth Sts ¹	9,556	10,626	10,450	11,195	117,415	26	117,881	25
US	51,725	63,524	62,617	63,060	692,766	92	658,102	89
Atlantic	24,362	27,948	27,552	26,238	298,273	33	245,892	31
Central	23,041	26,816	24,787	26,151	284,540	37	301,925	37
West	4,322	8,760	10,278	10,671	109,953	22	110,285	21

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

Italian Cheese: Production, United States, 2001-2002

Type	2001	2002	2002/2001
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Hard			
Provolone and similars	251,489	263,969	105
Romano and similars	30,384	34,236	113
Parmesan and similars	113,144	126,720	112
Other hard	18,895	18,951	100
Total hard	413,912	443,876	107
Soft			
Mozzarella and similars	2,767,784	2,813,712	102
Ricotta and similars	234,678	238,111	101
Other soft	9,512	10,779	113
Total soft	3,011,974	3,062,602	102
Total hard and soft	3,425,886	3,506,478	102

**Italian Cheese: Production by Type, Region,
and United States, 2001-02**

Region	Hard Types		Soft Types		Total	
	2001	2002	2001	2002	2001	2002
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Atlantic	103,475	136,069	705,474	703,142	808,949	839,211
E N Cen	179,414	170,532	944,297	978,711	1,123,711	1,149,243
West	89,649	104,269	1,165,682	1,191,793	1,255,331	1,296,062
US ¹	413,912	443,876	3,011,974	3,062,602	3,425,886	3,506,478

¹ Region totals may not add to U.S. when compiled regions could not be disclosed.

**Miscellaneous Italian Cheese: Production by State,
and United States, 2001-2002**

State	Provolone		Romano		Parmesan		Ricotta	
	2001	2002	2001	2002	2001	2002	2001	2002
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	26,480	27,660					19,453	4,351
NY	39,985	69,987					123,200	140,238
PA							4,017	4,875
WI	103,208	88,100	15,024	16,533	42,322	47,537		
Oth Sts ¹	81,816	78,222	15,360	17,703	70,822	79,183	88,008	88,647
US	251,489	263,969	30,384	34,236	113,144	126,720	234,678	238,111

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

**Processed Cheeses and Combinations: Production,
United States, 1993-02 ¹**

Year	Processed Cheese		Processed Cheese Foods & Spreads	
	Plants	Production	Plants	Production
	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>	<i>1,000 Lbs</i>
1993	35	1,347,544	32	840,950
1994	36	1,397,602	32	859,969
1995	35	1,472,213	30	831,584
1996	33	1,489,251	28	856,620
1997	33	1,378,086	28	795,893
1998	33	1,256,902	28	984,246
1999	29	1,314,040	29	1,070,836
2000	30	1,388,278	28	854,317
2001	30	1,219,070	29	960,221
2002	29	1,173,353	30	949,647
	Cold Pack Cheese and Cheese Foods		Total	
	Plants	Production	Plants	Production
	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>	<i>1,000 Lbs</i>
1993	23	54,554	56	2,243,048
1994	22	46,680	55	2,304,251
1995	20	35,699	57	2,339,496
1996	20	38,044	56	2,383,915
1997	22	36,008	54	2,209,987
1998	22	36,978	55	2,278,126
1999	22	40,090	52	2,424,966
2000	20	45,392	51	2,287,987
2001	21	27,627	53	2,206,918
2002	19	32,402	50	2,155,402

¹ Processed cheese is made by pasteurizing, emulsifying, and blending natural cheese and contains no other ingredients. Processed cheese foods, spreads, and cold pack contain additional ingredients such as nonfat milk solids, condiments, etc. These data exclude spreads made from neufchatel and cream cheese.

**All Other Types of Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	496	720	696	1,134	1,121	713	1,852	1,366
MI	628	509	526	515	618	538	716	607
NY	424	567	637	625	728	544	550	593
WI	9,328	8,625	9,753	9,961	11,107	9,903	10,953	10,749
Oth Sts ¹	4,719	5,019	5,170	5,421	5,435	5,155	4,558	4,386
US	15,595	15,440	16,782	17,656	19,009	16,853	18,629	17,701
	2002					2001		
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	1,183	1,557	880	1,057	12,775	34	24,423	38
MI	663	858	675	577	7,430	7	5,860	7
NY	674	632	668	740	7,382	10	6,312	10
WI	10,260	10,984	9,024	9,476	120,123	41	105,573	44
Oth Sts ¹	5,048	5,456	5,242	4,977	60,586	48	57,389	53
US	17,828	19,487	16,489	16,827	208,296	140	199,557	152

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

**Butter: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	34,575	31,956	35,826	35,024	35,150	28,587	27,865	30,046
NY	3,276	2,850	2,668	3,089	2,780	1,817	2,000	1,711
PA	7,596	7,413	8,417	8,856	8,910	6,204	5,264	4,260
WA	9,331	8,314	9,668	9,298	10,193	8,310	8,987	8,890
WI	38,806	31,630	30,096	33,452	31,171	21,819	23,171	21,341
Oth Sts ¹	46,485	42,068	41,020	41,886	37,280	29,081	27,122	22,635
US	140,069	124,231	127,695	131,605	125,484	95,818	94,409	88,883
N Atl ²	14,694	13,852	15,434	16,296	15,783	11,731	9,665	7,863
E N Cen	43,857	37,302	34,452	37,377	34,563	23,700	25,389	23,972
W N Cen	13,866	11,132	11,537	11,730	10,635	8,576	7,752	6,665
West	50,208	46,418	51,792	50,576	51,068	42,613	42,582	44,354
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	28,549	27,252	28,794	35,838	379,462	11	341,103	11
NY	2,107	1,556	1,776	2,662	28,292	8	26,221	7
PA	4,810	5,846	6,062	6,965	80,603	3	74,378	4
WA	7,992	9,695	7,866	8,967	107,511	1	102,110	2
WI	22,955	26,711	28,593	32,758	342,503	11	324,675	11
Oth Sts ¹	26,405	31,553	30,841	40,401	416,777	38	363,351	41
US	92,818	102,613	103,932	127,591	1,355,148	72	1,231,838	76
N Atl ²	9,377	11,014	10,412	13,234	149,355	14	139,578	14
E N Cen	26,260	30,650	32,888	37,826	388,236	19	368,168	19
W N Cen	6,011	7,272	7,857	10,966	113,999	11	105,711	11
West	42,196	42,635	41,820	50,511	556,773	21	507,788	25

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

² Region totals may not add to U.S. when compiled regions could not be disclosed.

**Lowfat Cottage Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02 ¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	5,624	4,955	5,396	5,574	5,711	5,148	6,057	5,796
IL	2,072	2,050	2,593	2,316	2,266	2,051	3,137	2,968
IN								
IA	1,336	1,247	1,452	1,332	1,607	1,280	1,522	1,516
KY	714	664	623	706	662	524	729	665
MO	779	741	798	796	912	811	911	992
NY	6,313	6,974	7,390	7,331	8,953	7,466	8,236	8,426
OH	3,033	2,507	2,506	2,512	3,037	2,065	2,751	2,992
OK								
OR	270	246	248	268	284	249	275	286
PA	421	625	675	591	665	691	640	711
TN	460	471	549	510	538	563	626	603
TX	573	548	553	578	576	560	622	577
WI	829	1,093	1,076	984	1,254	1,006	991	1,036
Oth Sts ²	7,101	7,223	8,140	7,593	8,193	6,852	7,608	8,210
US	29,525	29,344	31,999	31,091	34,658	29,266	34,105	34,778
N Atl	6,890	7,755	8,223	8,080	9,774	8,304	9,032	9,301
S Atl	1,089	1,205	1,334	1,260	1,198	1,110	1,269	1,542
E N Cen	6,680	6,344	6,949	6,636	7,393	5,821	7,637	7,718
W N Cen	3,527	3,610	4,371	3,664	4,227	3,679	3,995	4,138
S Cen	2,011	1,918	2,017	2,104	2,071	1,911	2,269	2,156
West	9,328	8,512	9,105	9,347	9,995	8,441	9,903	9,923
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	5,696	5,841	4,729	4,803	65,330	6	66,720	6
IL	2,479	2,355	2,350	2,964	29,601	4	28,572	4
IN							5,928	3
IA	1,429	1,392	1,352	1,229	16,694	3	12,027	3
KY	603	670	534	488	7,582	3	9,451	3
MO	763	733	634	641	9,511	4	8,186	4
NY	7,046	7,498	6,215	6,552	88,400	8	88,661	8
OH	2,675	2,799	1,800	2,089	30,766	6	29,434	6
OK							2,332	4
OR	208	239	253	231	3,057	5	3,265	6
PA	722	569	567	626	7,503	3	7,399	3
TN	510	594	478	398	6,300	2		
TX	641	660	585	614	7,087	4		
WI	996	1,046	868	893	12,072	3	12,165	3
Oth Sts ²	7,737	7,953	6,927	6,856	90,393	34	96,093	34
US	31,505	32,349	27,292	28,384	374,296	85	370,233	87
N Atl	7,923	8,246	6,906	7,322	97,756	13	98,417	13
S Atl	1,315	1,481	1,418	1,254	15,475	6	16,603	6
E N Cen	6,995	7,068	5,799	6,695	81,735	17	81,190	18
W N Cen	4,038	3,772	3,346	3,488	45,855	12	41,821	12
S Cen	2,046	2,107	1,760	1,681	24,051	12	23,444	12
West	9,188	9,675	8,063	7,944	109,424	25	108,758	26

¹ Fat content less than 4.0 percent.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Creamed Cottage Cheese: Production by Month, State,
and United States, 2002 and Total 2001-02¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	2,658	2,323	2,572	2,595	2,743	2,468	2,881	2,710
IL	2,734	2,733	2,990	2,879	2,554	3,261	2,181	2,419
IN	1,338	1,219	1,358	1,375	1,421	1,353	1,403	1,481
IA	1,555	1,297	1,561	1,381	1,694	1,408	1,657	1,705
KY	1,428	1,235	1,244	1,345	1,376	1,128	1,445	1,495
MO	869	807	922	990	1,066	881	981	1,065
NY	4,283	4,596	5,035	5,213	5,572	5,010	5,577	5,675
OH	1,481	1,543	1,538	1,566	1,652	1,675	1,899	2,020
OR	226	199	206	227	240	198	232	226
PA	794	1,047	1,224	1,031	1,147	1,206	1,155	1,213
TN	790	789	900	841	927	889	1,013	944
TX	1,208	1,159	1,169	1,411	1,215	1,176	1,304	1,213
WI	849	812	816	770	960	808	970	865
Oth Sts ²	9,832	9,275	10,072	9,830	10,399	9,326	9,890	10,722
US	30,045	29,034	31,607	31,454	32,966	30,787	32,588	33,753
N Atl	5,452	5,953	6,599	6,591	7,115	6,555	7,106	7,296
S Atl	1,524	1,254	1,586	1,366	1,410	1,286	1,407	1,728
E N Cen	7,937	7,789	8,155	8,150	7,993	8,306	7,864	8,008
W N Cen	3,921	3,340	4,038	3,850	4,416	3,992	4,179	4,552
S Cen	3,819	3,546	3,774	4,093	3,952	3,641	4,196	4,159
West	7,392	7,152	7,455	7,404	8,080	7,007	7,836	8,010
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	2,649	2,821	2,227	2,439	31,086	8	31,690	8
IL	3,370	2,728	2,689	1,994	32,532	4	36,796	4
IN	1,250	1,023	947	762	14,930	3	14,478	3
IA	1,560	1,595	1,295	1,431	18,139	3	14,562	3
KY	1,280	1,278	1,099	1,027	15,380	3	17,227	3
MO	831	845	761	682	10,700	4	11,423	4
NY	4,980	5,083	4,577	4,927	60,528	9	58,812	9
OH	1,682	1,826	1,330	1,388	19,600	8	19,447	8
OR	250	183	200	203	2,590	4	2,913	5
PA	1,285	1,000	1,043	1,199	13,344	2	12,996	2
TN	823	962	863	737	10,478	3	9,583	3
TX	1,344	1,381	1,230	1,284	15,094	5	10,307	4
WI	866	890	645	756	10,007	2	12,374	2
Oth Sts ²	9,775	10,261	8,858	9,751	117,991	30	119,015	30
US	31,945	31,876	27,764	28,580	372,399	88	371,623	88
N Atl	6,631	6,454	5,894	6,459	78,105	14	76,565	13
S Atl	1,164	1,469	1,436	1,201	16,831	4	18,045	4
E N Cen	8,764	8,399	7,188	6,621	95,174	19	102,140	19
W N Cen	3,996	3,934	3,402	3,689	47,309	12	47,885	12
S Cen	3,921	3,928	3,465	3,338	45,832	14	40,283	14
West	7,469	7,692	6,379	7,272	89,148	25	86,705	26

¹ Fat content more than 4.0 percent.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Cottage Cheese Curd: Production by Month, State,
and United States, 2002 and Total 2001-02 ¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	3,688	3,162	3,389	3,452	3,572	3,348	3,940	3,758
IL	2,859	2,735	3,144	2,915	3,094	2,898	2,965	2,980
IN	1,014	911	1,012	994	1,047	975	994	1,052
IA	1,641	1,448	1,713	1,549	1,908	1,524	1,819	1,880
KY	1,192	1,048	1,026	1,186	1,106	902	1,152	1,181
MO	888	814	899	918	1,020	865	946	1,048
NY	7,011	7,569	8,147	8,102	9,144	8,082	8,815	8,922
OH	2,102	1,776	1,799	1,825	2,114	1,609	2,013	2,255
OR	278	247	252	275	306	247	276	278
PA	538	330	428	474	460	270	631	544
TN	710	704	799	745	821	797	886	876
TX	1,227	1,189	1,192	1,589	1,226	1,191	1,288	1,219
WI	1,066	1,227	1,216	1,154	1,466	1,174	1,255	1,185
Oth Sts ²	11,395	10,741	11,929	12,164	12,276	10,647	11,869	12,882
US	35,609	33,901	36,945	37,342	39,560	34,529	38,849	40,060
N Atl	7,807	8,135	8,818	8,806	9,866	8,596	9,655	9,707
S Atl	1,758	1,611	1,903	1,730	1,685	1,365	1,569	2,059
E N Cen	8,934	8,518	9,001	8,813	9,434	8,212	9,059	9,148
W N Cen	4,139	3,936	4,756	4,309	4,863	4,381	4,639	4,889
S Cen	3,477	3,249	3,399	3,933	3,571	3,262	3,703	3,678
West	9,494	8,452	9,068	9,751	10,141	8,713	10,224	10,579
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	3,605	3,773	2,927	3,145	41,759	6	40,258	8
IL	3,239	2,784	2,785	2,751	35,149	4	37,100	4
IN	963	769	711	572	11,014	3	11,893	3
IA	1,738	1,714	1,504	1,491	19,929	3	15,445	3
KY	1,032	1,078	931	846	12,680	3	14,707	3
MO	820	827	737	689	10,471	4	10,747	4
NY	7,817	8,089	6,805	7,253	95,756	11	95,114	11
OH	2,029	2,110	1,407	1,784	22,823	7	22,399	7
OR	254	185	251	241	3,090	5	3,451	6
PA	625	522	546	495	5,863	4	15,786	4
TN	739	865	737	633	9,312	3	8,532	3
TX	1,342	1,369	1,264	1,270	15,366	5		
WI	1,193	1,255	984	1,066	14,241	2	16,347	2
Oth Sts ²	12,014	12,513	11,089	10,963	140,482	31	161,416	36
US	37,410	37,853	32,678	33,199	437,935	91	453,195	94
N Atl	8,693	8,903	7,603	8,024	104,613	17	114,806	17
S Atl	1,561	1,817	1,851	1,581	20,490	6	23,038	6
E N Cen	9,389	9,059	7,670	8,047	105,284	18	111,863	18
W N Cen	4,577	4,373	3,765	4,102	52,729	12	50,525	12
S Cen	3,503	3,564	3,157	2,995	41,491	14	40,189	14
West	9,687	10,137	8,632	8,450	113,328	24	112,774	27

¹ Mostly used for processing into fully creamed or lowfat cottage cheese. Cottage cheese curd and creamed and lowfat cottage cheese should not be added together to obtain total production.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Unsweetened Condensed Skim Milk, Bulk: Production by Month,
State, and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	37,278	36,158	46,965	42,648	45,397	42,104	45,449	48,360
Oth Sts ¹	42,950	43,237	58,260	47,598	49,193	48,572	45,199	45,254
US	80,228	79,395	105,225	90,246	94,590	90,676	90,648	93,614
N Atl ²	16,389	13,754	14,845	11,141	16,466	15,788	15,773	16,500
E N Cen	13,605	13,516	18,074	17,734	17,572	17,068	12,351	11,573
W N Cen	2,337	2,208	1,987	2,481	2,075	2,469	2,427	2,192
West	38,128	36,558	47,736	43,626	46,854	43,404	46,549	49,145
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	42,102	41,807	40,156	36,024	504,448	10	468,728	10
Oth Sts ¹	36,235	36,115	34,603	41,729	528,945	29	468,299	32
US	78,337	77,922	74,759	77,753	1,033,393	39	937,027	42
N Atl ²	11,878	12,997	9,716	10,621	165,868	9	162,837	10
E N Cen	10,717	10,652	12,358	14,242	169,462	6	122,605	6
W N Cen	2,237	1,825	1,358	1,434	25,030	4	31,243	5
West	43,477	42,907	41,056	36,874	516,314	11	483,446	11

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

² Region totals may not add to U.S. when compiled regions could not be disclosed.

**Yogurt, Plain and Flavored: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	21,406	22,367	23,787	21,578	23,153	21,345	22,923	23,527
IL	1,072	1,183	1,134	1,251	1,275	1,156	1,251	1,194
IA	867	915	980	1,112	1,149	1,048	1,235	1,077
NY	18,029	21,860	19,836	20,227	23,886	20,629	22,612	22,629
WI	7,725	5,713	5,610	5,601	5,061	6,001	6,684	6,042
Oth Sts ¹	120,853	117,994	135,306	130,707	132,052	127,194	132,151	130,065
US	169,952	170,032	186,653	180,476	186,576	177,373	186,856	184,534
N Atl	39,987	45,268	45,258	47,923	49,495	45,540	51,391	47,513
S Atl								
E N Cen	71,735	65,356	72,996	71,370	69,626	68,258	68,319	68,388
W N Cen	5,278	5,785	6,853	7,005	7,467	7,216	7,243	7,686
S Cen	13,670	13,183	17,242	13,877	15,651	15,367	16,396	16,481
West	36,644	37,505	40,798	37,412	41,079	38,164	40,343	41,604
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	23,281	22,577	19,831	21,029	266,804	20	264,304	20
IL	1,356	1,305	1,038	1,177	14,392	4	12,773	4
IA	1,161	1,443	1,019	869	12,875	3		
NY	21,161	20,382	18,658	18,876	248,785	16	252,631	15
WI	6,186	5,980	5,254	5,604	71,461	5	77,451	2
Oth Sts ¹	146,253	126,221	105,329	116,664	1,520,789	44	1,395,666	49
US	199,398	177,908	151,129	164,219	2,135,106	92	2,002,825	90
N Atl	50,725	49,329	39,696	42,084	554,209	27	490,600	26
S Atl							35,210	4
E N Cen	79,559	65,689	54,161	61,345	816,802	16	818,935	12
W N Cen	8,318	7,434	6,188	6,930	83,403	9	51,332	9
S Cen	16,226	13,829	13,085	12,905	177,912	5	172,867	6
West	42,172	38,565	35,276	38,288	467,850	33	433,881	33

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

**Nonfat Dry Milk for Human Food: Production by Month,
State, and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	59,502	54,494	70,569	73,156	71,840	68,278	63,834	60,705
ID	8,344	7,605	8,000	9,099	8,518	8,220	8,110	8,681
WA	14,991	14,962	17,176	17,224	17,435	17,712	17,204	16,643
Oth Sts ¹	45,838	50,646	57,312	64,680	65,586	58,772	39,923	31,841
US	128,675	127,707	153,057	164,159	163,379	152,982	129,071	117,870
Atlantic	17,240	18,098	20,041	24,464	23,753	21,393	11,605	7,244
E N Cen	4,655	5,457	4,329	5,253	6,668	6,217	3,958	3,379
W N Cen	6,541	7,205	7,829	7,787	7,687	6,942	5,747	5,501
S Cen	7,586	7,705	9,017	9,887	9,536	7,782	5,164	2,918
West	92,653	89,242	111,841	116,768	115,735	110,648	102,597	98,828
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	54,981	59,329	56,184	66,113	758,985	11	694,459	11
ID	6,318	5,990	4,796	5,296	88,977	1	88,162	1
WA	14,568	14,819	13,524	15,700	191,958	2	187,346	2
Oth Sts ¹	21,324	23,219	24,545	45,385	529,071	30	443,810	30
US	97,191	103,357	99,049	132,494	1,568,991	44	1,413,777	44
Atlantic	3,823	4,415	6,253	12,947	171,276	9	147,823	8
E N Cen	1,686	2,379	2,481	6,391	52,853	5	48,493	7
W N Cen	4,140	3,970	4,689	7,282	75,320	6	77,085	6
S Cen	1,900	2,370	3,530	6,204	73,599	6	57,941	5
West	85,642	90,223	82,096	99,670	1,195,943	18	1,082,435	18

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

**Dry Skim Milk for Animal Feed: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	226	204	381	229	321	270	272	294
ID	39	58	37	43	26	39	52	30
WA	59	41	114	33	71	72	79	71
Oth Sts ¹	419	609	235	203	346	266	437	240
US	743	912	767	508	764	647	840	635
Atlantic	27	33	31	50	81	58	44	39
Central	380	561	189	138	244	187	365	179
West	336	318	547	320	439	402	431	417
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	183	269	174	182	3,005	10	2,232	10
ID	48	32	18	20	442	1	599	1
WA	56	72	55	45	768	2	993	2
Oth Sts ¹	225	95	106	169	3,350	16	1,683	15
US	512	468	353	416	7,565	29	5,507	28
Atlantic	32	17	21	46	479	3	264	3
Central	178	63	72	112	2,668	12	1,142	11
West	302	388	260	258	4,418	14	4,101	14

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

**Dry Buttermilk: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	3,234	2,680	3,183	3,232	2,954	2,442	2,502	2,490
MN	234	144	230	154	268	105	158	50
Oth Sts ¹	3,173	2,303	2,490	2,356	2,494	1,501	636	686
US	6,641	5,127	5,903	5,742	5,716	4,048	3,296	3,226
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	2,218	2,484	2,290	3,084	32,793	6	30,263	6
MN	85	148	50	80	1,706	3	2,199	3
Oth Sts ¹	600	1,036	1,263	1,849	20,387	13	19,250	13
US	2,903	3,668	3,603	5,013	54,886	22	51,712	22

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

**Dry Whey, Human Food: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	12,100	10,507	13,195	11,706	12,640	12,839	11,642	12,467
MN	6,551	6,074	7,241	7,015	7,064	6,410	6,283	6,730
NY	10,472	9,951	10,917	10,573	11,228	10,127	10,287	10,184
OH	3,850	3,595	4,509	3,214	4,136	4,298	3,189	3,171
PA	8,526	8,515	9,655	9,774	9,799	7,808	9,963	8,842
WA	6,124	6,553	7,395	8,183	8,074	8,450	8,355	8,854
WI	24,991	22,721	25,309	25,232	25,386	24,898	24,716	25,633
Oth Sts ¹	12,877	12,032	13,506	12,972	14,393	13,677	11,976	12,117
US	85,491	79,948	91,727	88,669	92,720	88,507	86,411	87,998
Atlantic	18,998	18,466	20,572	20,347	21,027	17,935	20,250	19,026
Central	43,898	40,223	45,922	43,677	45,922	44,996	42,121	43,222
West	22,595	21,259	25,233	24,645	25,771	25,576	24,040	25,750
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	13,285	13,991	13,280	13,229	150,881	6	139,437	6
MN	6,262	7,159	6,883	7,404	81,076	5	73,504	4
NY	9,257	9,470	8,609	8,892	119,967	5	120,722	5
OH	3,070	3,393	3,391	3,118	42,934	3		
PA	8,154	8,769	8,133	10,299	108,237	4	95,410	3
WA	8,460	7,325	8,083	8,121	93,977	2	81,905	2
WI	24,765	26,172	25,819	27,962	303,604	10	279,913	10
Oth Sts ¹	11,271	12,370	11,755	13,063	152,009	6	187,904	10
US	84,524	88,649	85,953	92,088	1,052,685	41	978,795	40
Atlantic	17,411	18,239	16,742	19,191	228,204	9	216,132	8
Central	41,099	44,742	43,782	47,068	526,672	21	494,726	21
West	26,014	25,668	25,429	25,829	297,809	11	267,937	11

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

**Dry Whey, Animal Feed: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
NY	584	504	200	163	295	155	227	173
WA					191	85	134	159
WI	1,030	991	893	1,338	1,360	1,174	2,015	2,320
Oth Sts ¹	2,966	2,987	3,585	3,698	3,851	3,799	3,571	3,170
US	4,580	4,482	4,678	5,199	5,697	5,213	5,947	5,822
Atlantic	1,919	1,590	1,305	1,390	1,515	1,201	1,326	1,366
Central	2,060	2,295	2,549	2,940	3,068	2,723	3,088	3,072
West	601	597	824	869	1,114	1,289	1,533	1,384
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
NY	472	411	709	1,355	5,248	5	3,677	5
WA	118	192	202	314	1,395	2	968	2
WI	2,027	1,315	2,244	1,275	17,982	8	21,763	9
Oth Sts ¹	2,498	2,610	2,491	3,236	38,462	16	40,452	11
US	5,115	4,528	5,646	6,180	63,087	31	66,860	27
Atlantic	1,506	1,499	1,778	2,337	18,732	8	18,408	7
Central	2,633	1,977	2,849	2,214	31,468	16	39,258	15
West	976	1,052	1,019	1,629	12,887	7	9,194	5

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

**Ice Cream, Regular, Total: Production by Month, State,
and United States, 2002 and Total 2001-02 ¹**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	8,659	9,880	12,745	12,123	13,471	13,879	13,115
FL	2,062	2,051	1,973	2,107	2,298	2,275	1,788
IN	6,881	6,829	7,248	7,848	4,963	6,674	7,004
MD	1,626	1,877	1,946	2,190	2,159	2,119	2,133
MI	2,018	2,083	2,109	2,294	2,336	2,436	2,509
MN	2,798	3,783	4,601	3,683	4,150	4,952	4,286
MO	1,644	1,293	1,676	2,198	1,843	1,971	2,000
NY	2,636	2,853	3,012	3,776	3,526	3,553	3,571
NC	2,288	2,497	2,559	3,011	3,205	3,214	3,614
OH	3,068	3,085	3,094	3,078	3,432	3,400	3,665
OR	884	893	987	1,202	1,290	1,260	1,443
PA	4,911	3,675	4,161	4,418	4,315	4,338	6,069
SD	5	3	3	4	5	4	7
TN	1,407	1,649	2,165	1,841	1,667	1,688	1,140
TX	4,400	4,250	4,231	4,493	4,927	4,653	5,049
UT	1,372	1,238	1,435	1,294	1,631	1,671	1,473
WA	1,450	1,217	1,279	1,275	1,491	1,427	1,807
Oth Sts ²	30,480	29,246	31,276	36,188	31,870	32,782	34,776
US	78,589	78,402	86,500	93,023	88,579	92,296	95,449
N Atl	17,135	15,567	17,618	20,596	18,179	17,679	20,782
S Atl	7,608	8,361	8,404	9,345	9,717	9,753	9,881
E N Cen	15,471	15,913	17,266	17,460	14,978	17,281	18,171
W N Cen	12,488	13,487	13,783	15,508	13,523	14,560	13,426
S Cen	9,130	9,329	10,293	10,600	11,048	10,721	10,835
West	16,757	15,745	19,136	19,514	21,134	22,302	22,354

See footnote(s) at end of table.

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**Ice Cream, Regular, Total: Production by Month, State, and United States,
2002 and Total 2001-02¹ (continued)**

State	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	12,233	11,045	9,291	8,044	7,041	131,526	143,525
FL	1,981	2,074	2,014	2,085	2,095	24,803	23,401
IN	6,502	6,907	7,515	5,356	5,597	79,324	81,213
MD	2,090	1,766	1,915	1,048	761	21,630	
MI	2,340	2,208	2,006	1,477	3,402	27,218	22,415
MN	4,133	4,592	3,379	3,191	2,588	46,136	44,609
MO	1,927	2,017	2,211	1,635	1,486	21,901	20,369
NY	3,346	2,788	3,089	1,941	2,350	36,441	37,418
NC	3,035	2,510	2,841	2,084	1,845	32,703	21,284
OH	3,196	3,011	2,907	2,297	2,894	37,127	36,645
OR	1,289	809	866	670	775	12,368	13,478
PA	5,859	5,268	4,942	4,087	3,952	55,995	50,056
SD	6	4	2	3	4	50	56
TN	1,153	1,221	1,202	1,360	1,154	17,647	19,550
TX	4,704	4,443	4,411	3,717	3,820	53,098	61,740
UT	1,189	1,104	1,096	1,021	1,163	15,687	18,674
WA	1,484	921	870	836	861	14,918	16,188
Oth Sts ²	32,431	27,297	28,875	23,929	21,161	360,311	359,500
US	88,898	79,985	79,432	64,781	62,949	988,883	970,121
N Atl	19,351	16,200	17,283	12,612	11,742	204,744	193,991
S Atl	9,479	8,094	8,715	6,883	6,526	102,766	82,346
E N Cen	16,901	17,052	16,481	12,487	15,276	194,737	193,108
W N Cen	13,023	12,254	12,417	11,465	9,852	155,786	146,920
S Cen	10,126	9,393	9,095	7,938	7,844	116,352	121,940
West	20,018	16,992	15,441	13,396	11,709	214,498	231,816

¹ Contains minimum milkfat content of 10 percent and not less than 4.5 pounds per gallon.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Ice Cream, Regular, Hard: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	8,207	9,375	12,096	11,540	12,802	13,204	12,466	11,643
FL	1,725	1,757	1,667	1,774	1,934	1,922	1,502	1,667
IL	2,170	2,270	2,850	2,297	2,340	2,560	2,555	2,614
IN	6,860	6,809	7,226	7,825	4,948	6,652	6,982	6,483
MD	1,573	1,824	1,888	2,126	2,101	2,061	2,051	2,020
MA	5,998	5,420	6,025	6,659	6,057	5,636	6,680	6,405
MI	1,674	1,720	1,746	1,894	1,923	2,011	2,059	1,934
MN	2,633	3,584	4,378	3,494	3,939	4,712	4,058	3,912
MO	1,220	937	1,214	1,555	1,300	1,385	1,420	1,353
NY	2,104	2,274	2,379	2,955	2,721	2,709	2,712	2,595
NC	1,424	1,489	1,407	1,715	1,909	1,775	2,031	1,596
OH	2,766	2,787	2,792	2,765	3,100	3,035	3,284	2,868
OR	827	834	923	1,123	1,207	1,176	1,347	1,202
PA	3,932	2,950	3,387	3,487	3,324	3,311	4,764	4,590
SD	3	2	2	3	3	2	5	3
TN	1,331	1,574	2,077	1,773	1,592	1,622	1,082	1,096
TX	3,908	3,753	3,767	4,024	4,419	4,167	4,513	4,218
UT	1,293	1,162	1,346	1,215	1,521	1,570	1,384	1,116
WA	1,375	1,164	1,219	1,215	1,430	1,361	1,718	1,409
Oth Sts ¹	18,673	17,608	17,434	20,925	19,039	19,908	20,386	19,172
US	69,696	69,293	75,823	80,364	77,609	80,779	82,999	77,896
N Atl	14,465	12,948	14,244	15,855	15,179	14,455	16,978	16,352
S Atl	5,955	6,559	6,380	7,038	7,381	7,247	7,230	7,048
E N Cen	14,028	14,332	15,431	15,663	13,144	15,266	16,041	14,962
W N Cen	11,334	12,351	12,543	13,978	12,187	13,168	12,079	11,705
S Cen	8,297	8,515	9,464	9,770	10,175	9,876	9,908	9,257
West	15,617	14,588	17,761	18,060	19,543	20,767	20,763	18,572

See footnote(s) at end of table.

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**Ice Cream, Regular, Hard: Production by Month, State, and United States,
2002 and Total 2001-02 (continued)**

State	2002					2001		
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	10,508	8,832	7,625	6,674	124,972	23	124,701	24
FL	1,748	1,657	1,759	1,769	20,881	32	20,932	33
IL	2,576	2,293	1,990	2,104	28,619	13	35,923	12
IN	6,886	7,493	5,340	5,580	79,084	13	80,987	14
MD	1,687	1,839	978	694	20,842	8	19,577	8
MA	5,131	6,035	4,088	3,478	67,612	15	62,557	16
MI	1,820	1,625	1,183	1,376	20,965	15	22,135	17
MN	4,343	3,188	3,019	2,452	43,712	4	42,830	4
MO	1,431	1,600	1,192	1,056	15,663	8	16,392	8
NY	2,209	2,487	1,574	1,904	28,623	43	31,204	48
NC	1,214	1,689	1,076	981	18,306	8	17,310	10
OH	2,713	2,616	2,073	2,599	33,398	24	33,971	25
OR	754	809	627	724	11,553	9	12,203	9
PA	4,108	3,891	3,144	3,021	43,909	30	42,912	34
SD	2	1	2	3	31	3	29	3
TN	1,169	1,141	1,300	1,104	16,861	4	19,061	4
TX	4,018	4,002	3,347	3,439	47,575	10	50,859	10
UT	1,037	1,034	960	1,095	14,733	9	15,045	9
WA	866	821	793	812	14,183	5	16,098	5
Oth Sts ¹	15,674	17,448	15,304	13,038	214,609	111	205,560	110
US	69,894	70,501	57,374	53,903	866,131	387	870,286	403
N Atl	13,790	15,153	10,914	9,886	170,219	124	167,973	135
S Atl	6,034	6,765	5,205	4,985	77,827	57	74,082	59
E N Cen	14,852	14,852	11,220	12,212	172,003	88	182,797	84
W N Cen	10,774	11,075	10,404	8,867	140,465	23	134,695	24
S Cen	8,658	8,371	7,276	7,185	106,752	31	108,062	33
West	15,786	14,285	12,355	10,768	198,865	64	202,677	68

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

**Ice Cream, Lowfat, Total: Production by Month, State,
and United States, 2002 and Total 2001-02 ¹**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA ²	2,399	2,324	2,875	2,650	2,644	3,290	3,225
FL	1,117	1,029	1,245	1,328	1,355	1,153	1,217
IN	2,442	1,651	2,597	2,778	4,764	3,110	2,151
MI	395	394	406	680	796	919	1,154
MO	1,204	1,199	1,296	1,575	1,470	1,486	1,604
MT	71	79	101	150	181	186	242
NY	460	456	590	542	530	594	613
OH	1,311	1,135	1,551	2,210	2,545	2,681	2,732
PA	980	968	1,354	1,069	999	1,205	1,282
TN	311	344	413	408	890	527	501
UT	505	364	438	318	508	635	409
WA	540	485	601	540	492	685	702
Oth Sts ⁴	11,785	14,668	17,394	20,316	20,689	20,876	20,379
US	23,520	25,096	30,861	34,564	37,863	37,347	36,211
N Atl	4,052	4,224	5,749	5,205	6,017	5,971	5,457
S Atl	3,008	3,237	3,550	4,090	4,165	4,454	4,528
E N Cen	5,242	5,300	7,355	9,126	11,366	10,327	10,167
W N Cen	3,417	3,348	3,733	4,267	4,379	4,664	4,735
S Cen	3,343	3,623	4,323	5,642	5,883	5,807	5,374
West	4,458	5,364	6,151	6,234	6,053	6,124	5,950
	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA ²	2,860	2,598	2,495	2,087	2,198	31,645	26,859
FL	1,266	1,069	1,194	937	969	13,879	14,780
IN	2,832	2,449	2,476	1,806	2,638	31,694	30,557
MD ³							6,962
MI	873	634	542	404	442	7,639	
MO	1,566	1,275	1,431	964	1,089	16,159	17,503
MT	167	116	106	83	79	1,561	1,789
NY	529	415	384	346	360	5,819	7,975
OH	2,315	1,759	1,576	1,237	1,081	22,133	20,046
PA	1,095	951	796	662	679	12,040	22,183
TN	528	429	416	333	254	5,354	5,459
UT	411	379	358	306	334	4,965	
WA	757	514	548	387	512	6,763	8,795
Oth Sts ⁴	18,834	15,952	15,374	12,876	12,793	201,936	217,257
US	34,033	28,540	27,696	22,428	23,428	361,587	380,165
N Atl	4,925	4,620	4,195	3,550	3,744	57,709	63,889
S Atl	4,062	3,506	3,817	3,135	3,120	44,672	47,845
E N Cen	9,338	7,453	6,926	5,336	5,943	93,879	96,071
W N Cen	5,000	3,706	3,948	3,056	3,274	47,527	51,849
S Cen	5,161	4,648	4,349	3,711	3,564	55,428	56,310
West	5,547	4,607	4,461	3,640	3,783	62,372	64,201

¹ Includes hard, soft-serve, and freezer-made milkshake. Contains less than 10 percent milkfat required for ice cream.

² Includes freezer-made "milk drink".

³ Includes District of Columbia.

⁴ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Ice Cream, Lowfat, Hard: Production by Month, State, and
United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	495	420	774	672	493	768	654	585
FL	185	145	194	194	220	150	142	167
IL	126	125	176	137	132	143	136	180
IN	2,002	1,347	2,107	2,245	3,848	2,460	1,637	2,243
MI	80	65	41	56	53	57	68	53
MO	529	551	602	699	603	573	619	663
MT	5	7	9	8	14	12	19	16
NY	190	175	247	188	164	210	190	148
NC	52	39	75	143	161	144	168	130
PA	439	436	555	287	225	307	326	263
TN	68	71	98	105	97	126	96	119
TX	695	681	698	751	786	775	713	749
WA	191	150	202	182	148	232	226	250
Oth Sts ¹	2,848	3,495	3,661	4,630	4,291	3,711	3,188	3,240
US	7,905	7,707	9,439	10,297	11,235	9,668	8,182	8,806
N Atl	1,312	1,008	1,261	1,362	1,155	1,174	1,126	823
S Atl	628	635	550	855	739	722	868	786
E N Cen	2,604	1,824	2,753	2,966	4,720	3,259	2,401	2,982
W N Cen	1,276	1,222	1,303	1,461	1,363	1,588	1,321	1,622
S Cen	1,000	995	1,103	1,163	1,233	1,333	1,150	1,229
West	1,085	2,023	2,469	2,490	2,025	1,592	1,316	1,364
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	620	468	431	542	6,922	13	4,965	15
FL	173	167	101	97	1,935	13	2,036	9
IL	128	119	123	80	1,605	7	2,084	7
IN	2,003	1,986	1,471	2,148	25,497	11	21,955	10
MI	59	44	25	28	629	8	2,253	10
MO	527	655	480	532	7,033	7	5,496	7
MT	7	11	8	6	122	3	139	3
NY	126	114	100	117	1,969	8	2,279	7
NC	90	68	68	36	1,174	5	987	7
PA	269	230	179	205	3,721	17	4,605	19
TN	88	75	90	58	1,091	4	1,370	4
TX	766	741	673	671	8,699	5		
WA	161	177	129	186	2,234	5	2,270	5
Oth Sts ¹	2,613	3,011	2,538	2,074	39,300	76	38,244	88
US	7,630	7,866	6,416	6,780	101,931	182	88,683	191
N Atl	961	1,176	812	643	12,813	35	13,968	40
S Atl	562	666	631	510	8,152	29	7,519	26
E N Cen	2,614	2,543	1,941	2,537	33,144	45	31,781	47
W N Cen	1,121	1,422	1,166	1,163	16,028	15	12,392	16
S Cen	1,159	1,083	999	979	13,426	19	11,300	21
West	1,213	976	867	948	18,368	39	11,723	41

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

**Ice Cream, Lowfat, Soft: Production by Month, State, and
United States, 2002 and Total 2001-02**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	1,904	1,904	2,101	1,978	2,151	2,522	2,571
FL	932	884	1,051	1,134	1,135	1,003	1,075
IN	440	304	490	533	916	650	514
MT	66	72	92	142	167	174	223
NY	270	281	343	354	366	384	423
PA	541	532	799	782	774	898	956
TN	243	273	315	303	793	401	405
WA	349	335	399	358	344	453	476
Oth Sts ¹	10,870	12,804	15,832	18,683	19,982	21,194	21,386
US	15,615	17,389	21,422	24,267	26,628	27,679	28,029
N Atl	2,740	3,216	4,488	3,843	4,862	4,797	4,331
S Atl	2,380	2,602	3,000	3,235	3,426	3,732	3,660
E N Cen	2,638	3,476	4,602	6,160	6,646	7,068	7,766
W N Cen	2,141	2,126	2,430	2,806	3,016	3,076	3,414
S Cen	2,343	2,628	3,220	4,479	4,650	4,474	4,224
West	3,373	3,341	3,682	3,744	4,028	4,532	4,634
	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	2,275	1,978	2,027	1,656	1,656	24,723	21,894
FL	1,099	896	1,027	836	872	11,944	12,744
IN	589	446	490	335	490	6,197	8,602
MT	151	109	95	75	73	1,439	1,650
NY	381	289	270	246	243	3,850	5,696
PA	832	682	566	483	474	8,319	17,578
TN	409	341	341	243	196	4,263	4,089
WA	507	353	371	258	326	4,529	6,525
Oth Sts ¹	18,984	15,816	14,643	11,880	12,318	194,392	212,704
US	25,227	20,910	19,830	16,012	16,648	259,656	291,482
N Atl	4,102	3,659	3,019	2,738	3,101	44,896	49,921
S Atl	3,276	2,944	3,151	2,504	2,610	36,520	40,326
E N Cen	6,356	4,839	4,383	3,395	3,406	60,735	64,290
W N Cen	3,378	2,585	2,526	1,890	2,111	31,499	39,457
S Cen	3,932	3,489	3,266	2,712	2,585	42,002	45,010
West	4,183	3,394	3,485	2,773	2,835	44,004	52,478

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

**Other Frozen Dairy Products: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
OH	88	102	151	109	80	72	90	82
TN	44	29	55	66	62	93	53	48
Oth Sts ¹	586	613	503	609	760	629	690	646
US	718	744	709	784	902	794	833	776
N Atl	111	109	132	175	155	132	120	130
S Atl	2	8	6	6	16	8	10	11
Central	570	599	523	564	641	556	627	557
West	35	28	48	39	90	98	76	78
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
OH	92	97	48	44	1,055	4		
TN	52	49	59	3	613	2	508	2
Oth Sts ¹	568	567	320	476	6,967	27	10,005	37
US	712	713	427	523	8,635	33	10,513	39
N Atl	108	137	65	74	1,448	10	1,545	13
S Atl	8	5	6	5	91	3	3,691	5
Central	562	549	338	371	6,457	17	4,787	18
West	34	22	18	73	639	3	490	3

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

**Sherbet, Total: Production by Month, State, and United States,
2002 and Total 2001-02 ¹**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	413	661	882	759	759	963	769
FL	84	76	81	94	98	78	86
IN	142	168	193	254	324	378	420
MI	140	96	121	106	109	114	89
MO	73	97	85	144	132	94	143
NY	211	177	215	340	275	243	282
NC	87	113	129	148	168	173	199
OH	294	362	378	314	377	328	442
PA	193	177	157	268	238	190	200
TN	82	89	129	65	95	107	87
TX	168	159	155	167	156	131	153
UT	112	79	103	112	156	160	211
WA	75	72	39	64	81	79	91
Oth Sts ²	1,949	1,746	2,303	2,467	2,491	2,358	2,503
US	4,023	4,072	4,970	5,302	5,459	5,396	5,675
N Atl	668	571	562	848	749	614	677
S Atl	369	304	408	460	507	486	558
E N Cen	722	749	873	859	995	1,024	1,135
W N Cen	897	893	1,201	1,382	1,221	1,174	1,236
S Cen	399	439	560	432	504	458	507
West	968	1,116	1,366	1,321	1,483	1,640	1,562

See footnote(s) at end of table.

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**Sherbet, Total: Production by Month, State, and United States,
2002 and Total 2001-02 ¹ (continued)**

State	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	834	640	635	266	362	7,943	7,000
FL	78	102	77	73	88	1,015	
IN	260	205	173	143	150	2,810	1,970
MI	103	100	70	52	40	1,140	
MO	159	108	140	85	134	1,394	952
NY	301	189	198	196	178	2,805	2,825
NC	169	120	136	50	137	1,629	1,306
OH	322	260	248	229	225	3,779	4,102
PA	202	189	152	92	97	2,155	2,369
TN	94	75	71	47	79	1,020	979
TX	116	138	167	120	122	1,752	1,897
UT	113	85	82	56	61	1,330	1,573
WA	26	49	47	54	8	685	1,106
Oth Sts ²	2,043	2,023	2,033	1,622	1,644	25,182	26,555
US	4,820	4,283	4,229	3,085	3,325	54,639	52,634
N Atl	695	576	529	399	410	7,298	7,456
S Atl	475	423	411	384	352	5,137	4,696
E N Cen	867	782	726	527	625	9,884	9,590
W N Cen	1,037	908	989	784	884	12,606	11,107
S Cen	404	414	442	299	352	5,210	5,839
West	1,342	1,180	1,132	692	702	14,504	13,946

¹ Includes hard, soft-serve, and freezer-made milkshake.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Sherbet, Hard: Production by Month, State, and United States,
2002 and Total 2001-02**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	407	652	869	749	748	950	758
IN	142	168	193	254	324	378	420
MA	89	142	111	105	122	75	121
MI	134	91	115	100	103	108	85
MO	71	95	83	139	129	91	139
NY	206	173	209	331	268	237	275
NC	85	111	127	145	165	170	196
OH	281	347	360	300	362	313	424
PA	187	172	152	260	231	184	193
TN	80	89	129	65	95	107	87
TX	168	159	155	167	156	131	153
UT	111	78	102	111	154	159	209
WA	65	62	34	58	70	67	77
Oth Sts ¹	1,705	1,565	2,136	2,263	2,323	2,255	2,341
US	3,731	3,904	4,775	5,047	5,250	5,225	5,478
N Atl	548	559	548	775	730	597	658
S Atl	349	286	389	437	483	463	529
E N Cen	689	725	843	833	967	996	1,105
W N Cen	854	838	1,138	1,309	1,175	1,140	1,198
S Cen	393	437	556	430	501	455	504
West	898	1,059	1,301	1,263	1,394	1,574	1,484

See footnote(s) at end of table.

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**Sherbet, Hard: Production by Month, State, and United States,
2002 and Total 2001-02 (continued)**

State	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	821	632	627	260	358	7,831	6,954
IN	260	205	173	143	150	2,810	1,970
MA	101	116	93	48	87	1,210	1,102
MI	98	95	65	49	37	1,080	
MO	155	106	137	83	131	1,359	849
NY	293	184	193	191	174	2,734	2,769
NC	166	117	134	48	135	1,599	1,264
OH	309	249	237	219	215	3,616	3,990
PA	195	183	147	88	93	2,085	2,280
TN	94	75	71	47	79	1,018	979
TX	116	138	167	120	122	1,752	1,894
UT	112	84	81	55	60	1,316	1,437
WA	21	42	38	45	6	585	
Oth Sts ¹	1,888	1,898	1,895	1,538	1,542	23,349	24,347
US	4,629	4,124	4,058	2,934	3,189	52,344	49,835
N Atl	676	562	516	387	401	6,957	7,192
S Atl	451	398	389	361	331	4,866	4,574
E N Cen	841	757	700	506	601	9,563	9,476
W N Cen	967	872	952	741	846	12,030	10,414
S Cen	401	411	439	298	351	5,176	4,970
West	1,293	1,124	1,062	641	659	13,752	13,209

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

**Water and Juice Ices: Production by Month, State, and United States,
2002 and Total 2001-02¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	158	338	272	328	430	536	406	346
FL								
NY	253	292	328	560	477	566	648	437
OH	514	567	599	600	543	424	505	559
PA	382	415	437	545	562	611	582	528
TN	38	39	64	98	82	122	56	43
TX	298	327	324	356	357	386	372	352
WA								
Oth Sts ²	3,086	3,499	4,728	4,808	4,642	4,793	4,966	3,614
US	4,729	5,477	6,752	7,295	7,093	7,438	7,535	5,879
N Atl	715	790	926	1,204	1,209	1,307	1,332	1,115
S Atl	639	636	976	833	955	1,042	1,036	849
E N Cen	719	725	858	788	760	723	882	844
W N Cen	1,428	1,564	2,033	2,236	2,026	1,801	1,848	1,416
S Cen	414	469	508	562	569	628	562	470
West	814	1,293	1,451	1,672	1,574	1,937	1,875	1,185
	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	194	323	111	115	3,557	9	3,001	8
FL							3,061	23
NY	217	181	117	160	4,236	25	4,437	28
OH	427	371	412	447	5,968	5	5,479	5
PA	419	400	360	235	5,476	7	5,101	7
TN	44	29	30	49	694	3	538	3
TX	337	339	306	305	4,059	5	4,024	7
WA							1,595	3
Oth Sts ²	2,740	3,027	1,866	1,919	43,688	72	37,181	49
US	4,378	4,670	3,202	3,230	67,678	130	64,417	137
N Atl	765	656	579	510	11,108	45	10,910	46
S Atl	712	675	562	342	9,257	27	8,911	32
E N Cen	652	520	545	596	8,612	16	8,769	14
W N Cen	909	1,366	515	672	17,814	4	16,606	4
S Cen	429	402	365	387	5,765	15	5,919	19
West	911	1,051	636	723	15,122	23	13,302	22

¹ Does not include counter-freezer production.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Frozen Yogurt, Mix: Production by Month, State, and
United States, 2002 and Total 2001-02**

State	2002						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	224	232	321	309	333	370	346
IL	111	62	78	78	84	54	90
MI	40	34	67	56	50	50	88
NY	36	24	39	51	53	66	51
NC	56	45	82	84	73	43	60
OH	157	136	160	157	204	215	263
PA	379	257	315	358	357	346	419
TN	37	40	63	21	94	16	18
UT	24	42	30	65	70	52	52
Oth Sts ¹	2,117	2,454	2,539	2,598	2,841	2,620	2,744
US	3,181	3,326	3,694	3,777	4,159	3,832	4,131
N Atl	678	652	800	836	998	878	972
S Atl	249	227	281	283	261	273	314
E N Cen	475	466	554	524	514	534	634
W N Cen	551	671	606	675	706	600	672
S Cen	765	851	866	845	957	825	868
West	463	459	587	614	723	722	671
	2002						2001
	Aug	Sep	Oct	Nov	Dec	Total	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	435	309	261	201	184	3,525	4,207
IL	73	49	51	44	31	805	
MI	46	40	35	28	48	582	
NY	55	49	27	30	17	498	574
NC	55	63	95	49	45	750	327
OH	185	150	251	125	88	2,091	1,876
PA	396	372	327	342	266	4,134	2,206
TN	17	17	49	40	22	434	718
UT	67	47	33	32	26	540	680
Oth Sts ¹	2,634	2,473	2,216	2,042	1,919	29,197	31,450
US	3,963	3,569	3,345	2,933	2,646	42,556	42,038
N Atl	914	809	727	691	579	9,534	7,629
S Atl	309	252	245	260	209	3,163	2,779
E N Cen	458	446	498	349	310	5,762	5,862
W N Cen	683	694	546	462	474	7,340	7,285
S Cen	854	789	817	784	728	9,949	10,733
West	745	579	512	387	346	6,808	7,750

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

**Ice Cream Mix, Regular: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	4,477	4,999	6,399	5,744	6,605	6,654	6,377	5,837
FL	1,054	929	967	1,050	1,132	1,110	905	990
IL	1,390	1,583	2,183	1,829	1,844	2,097	2,112	2,051
IN	3,150	3,053	3,318	3,611	2,247	3,294	3,380	2,899
MD								
MA	3,107	2,747	2,962	3,516	3,104	2,923	3,609	3,365
MI	859	903	896	1,002	1,021	1,060	1,116	1,009
MN	1,718	2,061	2,308	1,953	2,200	2,482	2,377	2,301
MO	593	493	646	902	760	818	810	797
NY	1,370	1,492	1,630	2,131	2,078	2,181	2,234	1,941
NC	1,342	1,278	1,368	1,644	1,619	1,613	1,829	1,449
OH	1,398	1,383	1,393	1,443	1,525	1,683	1,769	1,509
OR	451	464	504	623	655	662	746	677
PA	3,439	2,567	2,738	3,300	3,484	3,631	4,590	4,467
TN	835	818	958	754	821	726	640	634
TX	2,736	2,791	2,604	2,633	2,826	2,708	2,964	2,713
UT	627	604	707	629	881	799	707	573
WA	788	555	633	635	642	693	937	792
WI	521	619	652	765	770	850	995	848
Oth Sts ¹	11,292	11,149	11,642	13,665	12,251	12,534	12,642	11,935
US	41,147	40,488	44,508	47,829	46,465	48,518	50,739	46,787
N Atl	9,620	8,425	9,154	11,132	10,690	10,708	12,458	11,598
S Atl	3,691	3,872	4,138	4,511	4,580	4,606	4,666	4,387
E N Cen	7,318	7,541	8,442	8,650	7,407	8,984	9,372	8,316
W N Cen	7,093	7,509	7,691	8,635	7,667	7,867	7,508	7,285
S Cen	5,107	5,307	5,498	5,473	5,725	5,520	5,736	5,419
West	8,318	7,834	9,585	9,428	10,396	10,833	10,999	9,782

See footnote(s) at end of table.

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**Ice Cream Mix, Regular: Production by Month, State, and United States,
2002 and Total 2001-02 (continued)**

State	2002					2001		
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	5,306	4,522	4,142	3,619	64,681	28	71,149	25
FL	1,020	1,120	1,021	1,028	12,326	10	11,983	11
IL	3,029	1,590	1,267	1,299	22,274	11	21,312	13
IN	3,200	3,439	2,369	2,509	36,469	9	36,196	8
MD							9,547	5
MA	2,642	3,065	2,018	1,808	34,866	13	32,529	13
MI	968	947	729	5,045	15,555	14	11,599	16
MN	2,595	1,983	1,790	1,402	25,170	5	23,136	5
MO	819	850	616	597	8,701	6	8,611	6
NY	1,498	1,554	952	1,145	20,206	16	21,508	16
NC	1,284	1,652	1,095	1,092	17,265	7	10,667	9
OH	1,371	1,334	1,025	1,350	17,183	14	17,654	15
OR	430	449	342	405	6,408	9	6,765	10
PA	4,075	3,713	3,303	3,280	42,587	26	25,587	26
TN	574	665	659	549	8,633	5	10,114	5
TX	2,388	2,290	2,070	2,125	30,848	17	32,787	17
UT	528	489	488	536	7,568	10	9,398	10
WA	582	519	453	511	7,740	6	8,420	6
WI	675	699	525	485	8,404	12	8,243	10
Oth Sts ¹	9,884	10,871	9,134	8,171	135,170	85	122,720	84
US	42,868	41,751	33,998	36,956	522,054	303	499,925	310
N Atl	9,740	10,079	7,502	7,185	118,291	74	103,706	73
S Atl	3,843	4,574	3,341	3,318	49,527	32	41,211	34
E N Cen	9,243	8,009	5,915	10,688	99,885	60	95,004	62
W N Cen	6,851	6,928	6,202	5,571	86,807	23	82,321	23
S Cen	4,777	4,667	4,195	4,266	61,690	38	62,453	41
West	8,414	7,494	6,843	5,928	105,854	76	115,230	77

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

**Ice Cream Mix, Lowfat: Production by Month, State, and United States,
2002 and Total 2001-02¹**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	1,178	1,168	1,303	1,219	1,333	1,551	1,571	1,410
IL	425	1,025	1,363	1,714	1,553	1,728	1,967	1,547
IN	1,153	801	1,283	1,401	2,394	1,707	1,350	1,544
KY	139	164	119	306	299	335	293	293
MD	254	271	277	372	329	363	449	432
MA	219	70	160	329	270	240	263	141
MI	257	270	297	511	607	707	890	671
MO	687	660	698	885	877	927	995	914
MT	42	46	59	91	107	112	142	97
NY	214	223	272	279	290	303	336	301
OH	541	500	669	982	1,089	1,215	1,261	1,061
OK	35	38	44	47	43	65	53	58
OR	169	174	193	266	265	317	311	308
PA	510	498	755	735	729	844	905	787
TN	102	114	131	126	333	167	169	172
TX	1,154	1,327	1,960	2,948	2,470	2,563	2,411	2,111
UT	227	174	186	165	242	277	211	203
WA	212	204	243	217	210	275	286	306
WI								
Oth Sts ²	5,279	6,558	7,753	8,109	9,122	8,542	8,470	8,313
US	12,797	14,285	17,765	20,702	22,562	22,238	22,333	20,669
N Atl	2,071	2,308	3,290	2,924	3,579	3,578	3,283	3,074
S Atl	1,141	1,218	1,347	1,599	1,735	1,777	1,899	1,720
E N Cen	2,588	2,829	3,887	4,981	6,086	5,834	6,022	5,274
W N Cen	2,370	2,340	2,656	3,009	3,201	3,238	3,576	3,674
S Cen	2,318	2,774	3,544	4,974	4,756	4,725	4,498	4,078
West	2,309	2,816	3,041	3,215	3,205	3,086	3,055	2,849

See footnote(s) at end of table.

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**Ice Cream Mix, Lowfat: Production by Month, State, and United States,
2002 and Total 2001-02¹ (continued)**

State	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	1,220	1,252	1,018	1,022	15,245	18	15,163	19
IL	1,261	1,128	899	873	15,483	10	16,245	12
IN	1,171	1,283	878	1,286	16,251	9	15,305	7
KY	232	188	129	109	2,606	4	2,820	5
MD	252	297	313	251	3,860	4		
MA	206	314	140	83	2,435	7	2,222	8
MI	467	407	308	336	5,728	12	8,263	12
MO	753	788	487	565	9,236	7	9,866	7
MT	70	61	48	47	922	5	1,001	5
NY	227	212	195	192	3,044	10	3,099	10
OH	786	681	538	467	9,790	13	9,018	14
OK	45	36	38	39	541	4	522	5
OR	171	172	147	130	2,623	9	2,656	8
PA	646	530	455	446	7,840	19	7,487	18
TN	142	142	101	81	1,780	7	1,919	6
TX	2,076	2,088	1,627	1,666	24,401	10	25,406	9
UT	173	160	130	144	2,292	8	5,051	9
WA	214	225	157	198	2,747	6	3,081	6
WI							3,352	7
Oth Sts ²	6,792	6,403	5,260	5,759	86,360	80	85,785	82
US	16,904	16,367	12,868	13,694	213,184	242	218,261	249
N Atl	2,739	2,293	2,028	2,259	33,426	47	33,890	47
S Atl	1,322	1,403	1,195	1,146	17,502	25	19,738	28
E N Cen	4,001	3,771	2,838	3,167	51,278	50	52,183	52
W N Cen	2,802	2,790	2,099	2,383	34,138	20	34,490	21
S Cen	3,679	3,714	2,856	2,846	44,762	38	43,297	38
West	2,361	2,396	1,852	1,893	32,078	62	34,663	63

¹ Includes milkshake mix.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

**Sherbet Mix: Production by Month, State,
and United States, 2002 and Total 2001-02**

State	2002							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA	256	387	570	464	481	562	475	576
IL	128	42	67	68	78	75	91	92
IN	87	97	129	146	180	219	251	138
MA	83	86	61	89	88	50	80	65
MI	83	57	72	67	67	67	44	61
MO	53	53	53	91	73	59	81	84
NY	140	115	145	220	174	158	183	200
NC	53	70	76	85	112	109	119	98
OH	179	199	243	193	201	210	249	178
PA	156	128	117	195	177	148	165	161
TN	50	60	65	45	74	72	70	68
TX	104	98	100	105	102	85	98	75
UT	92	52	77	73	102	91	120	74
WA	46	43	22	27	48	55	57	24
WI								
Oth Sts ¹	1,235	1,267	1,584	1,619	1,718	1,623	1,699	1,541
US	2,745	2,754	3,381	3,487	3,675	3,583	3,782	3,435
N Atl	427	380	377	560	516	424	478	483
S Atl	216	187	234	267	314	294	347	282
E N Cen	512	432	558	519	571	626	675	503
W N Cen	735	809	988	1,070	1,018	974	1,012	1,018
S Cen	243	275	339	272	332	300	328	263
West	612	671	885	799	924	965	942	886

See footnote(s) at end of table.

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**Sherbet Mix: Production by Month, State, and United States,
2002 and Total 2001-02 (continued)**

State	2002						2001	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>Number</i>	<i>1,000 Gal</i>	<i>Number</i>
CA	373	365	277	194	4,980	19	4,444	17
IL	104	110	89	122	1,066	4	998	5
IN	119	98	82	86	1,632	6	1,122	7
MA	76	61	34	57	830	8	839	8
MI	64	65	40	40	727	7		
MO	56	77	45	72	797	6	591	6
NY	125	128	130	116	1,834	10	1,942	9
NC	68	77	33	73	973	7	820	8
OH	149	146	131	137	2,215	11	2,498	11
PA	149	124	87	94	1,701	15	1,508	16
TN	57	51	34	46	692	4	604	4
TX	87	95	78	80	1,107	5	1,197	6
UT	57	53	33	36	860	8	1,041	8
WA	33	38	42	10	445	4	742	4
WI							495	5
Oth Sts ¹	1,478	1,448	1,240	1,179	17,631	65	16,655	75
US	2,995	2,936	2,375	2,342	37,490	179	35,496	189
N Atl	405	368	292	300	5,010	41	5,038	40
S Atl	245	267	228	210	3,091	22	2,934	25
E N Cen	488	470	367	397	6,118	33	6,046	36
W N Cen	891	882	748	807	10,952	14	9,524	15
S Cen	270	278	196	236	3,332	20	3,093	23
West	696	671	544	392	8,987	49	8,861	50

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

**Dairy Plants: Number Manufacturing One or More Dairy Products
by State and United States, 1998-02**

State	1998	1999	2000	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	10	9	8	8	7
AK	4	4	2	2	2
AZ	5	5	5	3	3
AR	5	4	4	4	4
CA	147	113	108	121	118
CO	12	12	10	10	9
CT	17	15	25	25	24
DE	2	2	2	2	2
FL	31	36	44	52	48
GA	9	6	5	4	4
HI	3	3	3	3	3
ID	19	18	16	18	19
IL	62	55	46	44	40
IN	26	25	24	24	23
IA	37	26	25	31	29
KS	6	5	4	4	3
KY	20	17	16	18	17
LA	8	6	6	6	6
ME	10	10	12	12	12
MD ¹	14	14	13	13	13
MA	24	22	25	24	24
MI	42	37	38	36	35
MN	45	44	40	40	42
MS	8	4	4	4	4
MO	21	20	19	19	19
MT	8	7	7	7	7
NE	10	10	10	10	10
NV	4	4	3	2	2
NH	5	5	6	6	5
NJ	15	14	13	12	12
NM	7	6	7	6	6
NY	130	121	113	120	122
NC	14	13	12	12	10
ND	19	6	6	6	6

See footnote(s) at end of table.

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**Dairy Plants: Number Manufacturing One or More Dairy Products
by State and United States, 1998-02 (continued)**

State	1998	1999	2000	2001	2002
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
OH	62	60	56	56	54
OK	8	7	6	7	7
OR	20	20	19	20	20
PA	72	71	67	66	61
RI	4	4	5	5	5
SC	5	5	4	4	4
SD	14	12	12	11	11
TN	15	11	11	11	10
TX	30	27	26	25	27
UT	21	21	21	20	18
VT	19	16	19	19	18
VA	12	9	9	7	7
WA	20	19	18	16	15
WV	3	3	3	3	3
WI	217	207	205	200	202
WY	2	2	2	1	1
US	1,323	1,192	1,164	1,179	1,153
N Atl	296	278	285	289	283
S Atl	90	88	92	97	91
E N Cen	409	384	369	360	354
W N Cen	152	123	116	121	120
S Cen	104	85	81	83	82
West	272	234	221	229	223

¹ Includes District of Columbia.

Supply and Utilization of Milk: United States, 2000-2002 ¹

Item	2000	2001	2002
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
SUPPLY			
Milk Production	167,559	165,496	169,758
Net Imports of Ingredients (M.E.) ²	237	688	315
Net Change in Storage Cream (M.E.) ³			
Total Supply	167,796	166,184	170,073
UTILIZATION			
Used in Manufactured Products (M.E.)			
Creamery Butter	28,059	27,557	30,250
Butter from Whey Cream	5,538	5,612	5,791
Net Milk Equivalent ⁴	22,521	21,945	24,459
Cheese			
American	36,267	35,373	36,917
Other	25,990	26,431	27,587
Canned Milk			
Evaporated, Sweetened Condensed	965	991	1,259
Bulk Condensed Whole Milk, Unsweetened	180	170	135
Bulk Condensed Whole Milk, Sweetened	163	163	178
Dry Whole Milk	815	303	348
Ice Cream and Other Frozen Dairy Products			
Butter and Condensed Milk, Used in Ice Cream	2,218	2,220	2,320
Net Milk Equivalent ⁴	14,447	14,395	14,373
Other Manufactured Products ⁵	700	701	706
Total Manufactured Products ⁴	102,047	100,471	105,961
Total Available for Fluid Products ⁶	55,517	55,105	55,262
Used Where Produced			
Fed to Calves	1,107	1,101	980
Consumed on Farms	196	170	161
Total Used by Producers ⁴	1,303	1,181	1,141
Residual ⁷	8,929	9,427	7,709
Total Utilization ⁴	167,796	166,184	170,073

¹ Milk production plus the milk equivalent (ME) of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream equals total supply. Data on milk used in manufacturing products are based on total milkfat required to produce the products and include the milk equivalent of any imported dairy ingredients used.

² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.

³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.

⁴ Net milk equivalents and totals may not add/balance due to rounding.

⁵ Whole milk equivalent of cottage cheese anhydrous milkfat, butter oil, and butterine.

⁶ Total sales in U.S. (USDA-AMS).

⁷ Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions.

**Milk Marketings and Utilization for Manufactured Dairy Products:
United States, 1983-02**

Year	Milk Marketed		Year	Milk Marketed	
	Total	Used for Dairy Products		Total	Used for Dairy Products
	<i>Million Lbs</i>	<i>Percent</i>		<i>Million Lbs</i>	<i>Percent</i>
1983	137,228	61	1993	148,891	61
1984	132,421	58	1994	151,944	61
1985	140,558	59	1995	153,737	60
1986	140,735	59	1996	152,531	60
1987	140,450	58	1997	154,697	61
1988	142,833	59	1998	155,943	61
1989	141,834	60	1999	161,387	62
1990	145,725	61	2000	166,256	62
1991	145,723	61	2001	164,315	61
1992	148,993	62	2002	168,617	63

**Net Whole Milk Equivalents Used in Manufactured Dairy Products:
Total and Percentage by Major Products, United States, 1991-02**

Year	Total	Percentage Distribution					
		Butter	All Whole Milk and Part Skim Cheese	Evaporated Dry and Condensed Milk	Ice Cream and Other Frozen Products	Other Milk Products	Total
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1991	88,460	31.5	49.1	2.7	15.6	1.1	100.0
1992	92,208	30.9	50.0	3.9	14.4	0.8	100.0
1993	90,691	30.3	51.3	3.1	14.5	0.8	100.0
1994	92,491	29.4	51.6	2.9	15.4	0.7	100.0
1995	92,795	28.5	52.8	2.8	15.2	0.7	100.0
1996	91,584	26.6	54.7	2.5	15.5	0.7	100.0
1997	93,657	25.5	55.3	2.6	15.9	0.7	100.0
1998	95,417	25.5	55.4	2.4	16.0	0.7	100.0
1999	100,761	26.4	55.5	2.1	15.4	0.6	100.0
2000	102,047	25.6	56.7	1.9	15.2	0.6	100.0
2001	100,471	25.4	57.1	1.5	15.3	0.7	100.0
2002	105,961	26.5	56.5	1.7	14.6	0.7	100.0

**Skim Milk Equivalents: Selected Skim-Milk and Buttermilk Products,
United States, 1991-02**

Year	Cottage Cheese Curd	Condensed and Evaporated Skim Milk	Non-fat Dry Milk	Condensed and Dried Buttermilk ¹	Total ²
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
1991	3,067	3,543	9,783	778	17,171
1992	3,140	3,967	9,703	859	17,669
1993	2,958	3,949	10,537	767	18,211
1994	2,896	4,170	13,662	758	21,486
1995	2,868	3,509	13,668	792	20,837
1996	2,802	3,163	11,749	719	18,433
1997	2,865	3,140	13,451	724	20,180
1998	2,911	3,275	12,537	726	19,449
1999	2,905	3,604	15,009	736	22,254
2000	2,881	3,170	16,030	749	22,830
2001	2,832	2,909	15,612	719	22,072
2002	2,737	3,167	17,342	831	24,077

¹ Includes other skim milk minor products.

² May not add due to rounding.

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2001 ¹**

State	Butter	Cheese		Evaporated & Condensed Whole Milk Case	Condensed Whole Milk, Bulk	
		American	Other Than American		Unsweetened	Sweetened
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	7,637,615	7,424,953	4,427,507			
ID		4,790,408				
IA		1,300,694				
MN		5,538,432				
NY	593,671	990,007	3,483,288			
OH		281,405				
OR		704,694				
PA	1,665,393		2,114,797			
SD		806,818				
WA	2,305,301	1,432,056	16,803			
WI	7,189,598	8,223,766	7,377,158			
US ³	27,556,811	35,372,695	26,431,100	991,065	170,078	162,704
N Atl	3,131,864	1,668,827	6,307,520	316,664	97,273	
S Atl	438,146	20,034	219,600		16,230	
E N Cen	8,158,190	8,650,200	9,911,200	96,461	32,682	124,501
W N Cen	2,359,201	7,819,411	2,714,367	156,016	6,459	
S Cen	2,063,651	489,523	37,264		17,434	36,821
West	11,405,759	16,724,700	7,241,149	421,924		

See footnote(s) at end of table.

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**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2001 ¹**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Product ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	118,808	2,261,409	76,423	22,369,127	1,411,531	20,957,596
FL		444,333	2,944	447,277	131,189	316,088
ID				5,492,658	422,365	5,070,293
IL				1,685,865	197,058	1,488,807
IN				1,462,828	166,448	1,296,380
IA				3,531,691	231,305	3,300,386
MI		405,895	26,198	1,411,797	131,413	1,280,384
MN		654,676	32,352	7,707,838	476,591	7,231,247
MO		396,558	18,401	1,599,500	13,192	1,586,308
NY		627,205	122,904	6,097,705	585,165	5,512,540
NC		370,577	11,236	402,918	156,222	246,696
OH		687,292	39,839	2,838,589	267,694	2,570,895
OR		226,448	5,410	1,611,743	73,369	1,538,374
PA		865,908	19,837	4,876,533	223,365	4,653,168
TN		309,178	15,041	1,038,145	39,768	998,377
TX		1,046,230	15,820	2,467,269	83,426	2,383,843
UT				1,644,040	166,266	1,477,774
WA		289,372	31,885	4,075,417	124,381	3,951,036
WI		212,145	44,473	23,172,528	1,386,499	21,786,029
US ³	303,286	16,614,900	700,619	108,303,258	7,831,778	100,471,480
N Atl		3,307,621	149,802	15,048,405	1,261,610	13,786,795
S Atl		1,540,749	31,714	2,266,473	521,436	1,745,037
E N Cen	114,854	3,289,853	193,666	30,571,607	2,149,112	28,422,495
W N Cen		2,501,856	94,464	15,652,963	934,296	14,718,667
S Cen		2,094,064	62,508	4,801,265	263,557	4,537,708
West		3,880,757	168,465	39,962,545	2,701,767	37,260,778

¹ Products manufactured in each State do not necessarily show utilization of milk produced in the State because of interstate shipments of milk. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced.

² Includes District of Columbia.

³ States do not add to U.S. total; includes milk equivalent for States not shown separately.

⁴ Excludes frozen yogurt.

⁵ Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

⁶ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

⁷ Net total accounts for fat recovered from whey cream and used for making butter and the amount of fat from butter and condensed milk used in making ice cream.

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2002 ¹**

State	Butter	Cheese		Evaporated & Condensed Whole Milk Case	Condensed Whole Milk, Bulk	
		American	Other Than American		Unsweetened	Sweetened
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	8,496,504	8,110,071	4,481,653			
ID		4,877,182				
IL			832,493			
IA		1,376,585				
MN		5,619,276				
NY	637,003	927,739	3,694,823			
OH		337,430				
OR		942,260				
PA	1,794,690		2,182,237			
SD		759,734	379,759			
WA	2,420,654	1,531,172				
WI	7,584,370	8,470,904	7,889,276			
US ³	30,249,896	36,916,979	27,586,541	1,259,095	135,301	178,093
N Atl	3,337,650	1,534,782	6,720,154	300,844	64,338	
S Atl	487,581	23,726	204,528		13,656	
E N Cen	8,600,944	8,959,467	10,420,430	99,305	43,712	137,146
W N Cen	2,527,787	7,924,548	2,652,929	165,136		
S Cen	2,796,679	508,907	163,338	54,254	13,595	39,511
West	12,499,255	17,965,549	7,425,162	639,556		

See footnote(s) at end of table.

--continued

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2002 ¹**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Product ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	118,238	2,130,136	74,905	24,031,425	1,452,332	22,579,093
FL		448,610	2,616	451,226	136,403	314,823
ID		66,639	8,457	5,789,605	454,263	5,335,342
IL				1,570,381	186,399	1,383,982
IN				1,512,984	163,316	1,349,668
IA				3,729,703	243,145	3,486,558
MD ²				767,903	135,661	632,242
MA				1,962,791	301,794	1,660,997
MI		437,928	25,442	1,432,548	138,713	1,293,835
MN		650,804	31,983	7,926,514	471,048	7,455,466
MO		408,967	18,370	1,577,309	14,218	1,563,091
NE				1,229,257	82,059	1,147,198
NY		593,106	124,169	6,229,865	578,523	5,651,342
NC		504,137	11,123	540,356	238,863	301,493
OH		706,578	40,695	2,983,500	282,696	2,700,804
OR		214,332		1,796,237	90,130	1,706,107
PA		866,981	20,216	5,116,981	227,781	4,889,200
TN		280,489	16,250	1,112,632	35,694	1,076,938
TX		907,784	22,135	3,088,946	70,973	3,017,973
WA		256,921	32,180	4,245,695	129,031	4,116,664
WI		217,936	43,270	24,335,434	1,424,044	22,911,390
US ³	347,938	16,692,718	705,603	114,072,164	8,111,167	105,960,997
N Atl		3,404,397	150,504	15,646,389	1,285,941	14,360,448
S Atl		1,788,843	29,302	2,547,636	641,252	1,906,384
E N Cen	94,075	3,293,136	186,632	31,834,847	2,195,168	29,639,679
W N Cen		2,587,205	98,165	15,957,593	939,275	15,018,318
S Cen		1,997,692	69,237	5,643,295	269,253	5,374,042
West		3,621,445	171,763	42,442,404	2,780,278	39,662,126

¹ Products manufactured in each State do not necessarily show utilization of milk produced in the State because of interstate shipments of milk. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced.

² Includes District of Columbia.

³ States do not add to U.S. total; includes milk equivalent for States not shown separately.

⁴ Excludes frozen yogurt.

⁵ Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

⁶ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

⁷ Net total accounts for fat recovered from whey cream and used for making butter and the amount of fat from butter and condensed milk used in making ice cream.

**Skim Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2001 ¹**

State	Cottage Cheese Curd	Condensed Skim Milk, Bulk		Dry		Other Products ⁵	Total ⁶
		Sweetened	Un-sweetened	Butter-Milk	Nonfat Milk ⁴		
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AZ							766,402
CA	251,613		1,406,184	332,893	7,663,601		9,679,509
CO							78,256
FL							36,219
ID					976,371		1,013,059
IL	231,875						243,260
IN	74,331						391,799
IA	96,531						680,863
KY	91,919						115,361
LA							157,070
MD ²							374,603
MI							574,329
MN				24,189			247,075
MO	67,169						111,395
NY	594,463						985,353
NC							31,225
OH	139,994						169,396
OK							35,566
OR	21,569						221,087
PA	98,663						1,051,300
SD							185,916
TN	53,325						227,239
TX							733,969
WA					2,071,729		2,201,810
WI	102,169						403,039
US ³	2,832,474	97,848	2,811,081	568,832	15,612,124	150,105	22,072,464
N Atl	717,539	2,430	488,511	92,103	1,320,440	28,917	2,649,940
S Atl	143,988		161,007		308,517		613,512
E N Cen	699,144	52,008	367,815	62,007	538,197	62,652	1,781,823
W N Cen	315,782		93,729	24,189	851,301		1,285,001
S Cen	251,182	42,723	249,681	49,841	641,773	34,005	1,269,205
West	704,839		1,450,338	340,692	11,951,896	24,531	14,472,983

¹ Products manufactured in each State do not necessarily show utilization of milk produced in the State because of interstate shipments of milk. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced.

² Includes District of Columbia.

³ States do not add to U.S. total; includes milk equivalent for States shown separately.

⁴ Includes dry skim milk for animal feed.

⁵ Includes evaporated skim milk, case and condensed, and evaporated buttermilk.

⁶ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

**Skim Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2002 ¹**

State	Cottage Cheese Curd	Condensed Skim Milk, Bulk		Dry		Other Products ⁵	Total ⁶
		Sweetened	Un- sweetened	Butter- Milk	Nonfat Milk ⁴		
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AZ							1,015,899
CA	260,994		1,513,344	360,723	8,381,890		10,550,893
FL							31,913
ID					983,609		1,018,134
IL	219,681						219,681
IN	68,838						433,770
IA	124,556						700,333
KY	79,250						121,403
LA							126,756
MD ²							446,798
MI							630,444
MN				18,766			186,839
MO	65,444						110,657
NY	598,475						1,098,092
NC							31,744
OH	142,644						167,631
OK							40,384
OR	19,313						223,893
PA	36,644						949,165
SD							202,720
TN	58,200						230,681
TX	96,038						1,085,019
WA					2,119,986		2,258,386
WI	89,006						450,164
US ³	2,737,096	67,035	3,100,179	603,746	17,342,116	226,857	24,077,029
N Atl	653,831		497,604	91,993	1,504,041	25,620	2,773,089
S Atl	128,063		156,345	110	385,264		669,782
E N Cen	658,025	41,688	508,386	54,560	587,026	52,005	1,901,690
W N Cen	329,556		75,090	18,766	832,722	8,346	1,264,480
S Cen	259,319	23,418	313,812	69,729	829,092	108,873	1,604,243
West	708,302			368,588	13,203,971	32,013	15,863,745

¹ Products manufactured in each State do not necessarily show utilization of milk produced in the State because of interstate shipments of milk. No adjustment has been made for shipments of milk and cream between States differing in the test of milk produced.

² Includes District of Columbia.

³ States do not add to U.S. total; includes milk equivalent for States shown separately.

⁴ Includes dry skim milk for animal feed.

⁵ Includes evaporated skim milk, case and condensed, and evaporated buttermilk.

⁶ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

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 1,153 manufacturers that made one or more products in 2002. 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 estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in the "**Dairy Products**" report published each April which includes any revisions made to current and previous year. An attempt is made to get information from all plants for preparing these estimates.

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Historic Dairy Products data is available on the NASS On-Line Database. For access, connect to the Internet and go to the NASS Home Page at: <http://www.usda.gov/nass/>. Select "Quick Stats", then select "U.S. and State Data", then select "Dairy Products". On the following screen, you can select either "Plants", "Prices", "Production", "Shipments", or "Stocks" to obtain historic data.

Released April 24, 2003, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Dairy Products 2002 Summary" call Kevin Pautler at (202) 720-9168, office hours 7:30 a.m. to 4:00 p.m. ET.

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