



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



Dairy Products 2003 Summary

April 2004

Da 2-1 (04)a

USDA



Update Alert

Page 15, October 2003 Canned Evaporated and Condensed Whole Milk have been revised from 438,103 to 58,677.

Contents

	Page
Summary	1
Production of Specified Products by Month, United States, 2002-2003	2
Select Commodities by State, by Month, 2003 and Total 2002-2003	18
Dairy Plants: Number Manufacturing One or More Dairy Products by State and United States, 1999-03	62
Supply and Utilization of Milk: United States, 2002	63
Supply and Utilization of Milk: United States, 2003	65
Supply and Utilization of Milk: United States, 2001-2003	67
Milk Marketings and Utilization for Manufactured Dairy Products United States, 2003	68
Net Whole Milk Equivalents Used in Manufacturing Dairy Products: Total and Percentage by Major Products, United States, 1992-03	69
Skim Milk Equivalents: Selected Skim-Milk and Buttermilk Products, United States 1992-03	69
Whole Milk Equivalent: Calculated Quantities in Specified Products, Whole Milk Basis by State and United States 2002-2003	70
Skim Milk Equivalent: Calculated Quantities in Specified Products, Whole Milk Basis by State and United States 2002-2003	74
Procedures and Reliability	76
Index	77

Summary

Total cheese production, excluding cottage cheeses, was 8.60 billion pounds, 0.6 percent above 2002 production. Wisconsin was the leading State with 26.5 percent of the production.

American type cheese production was 3.67 billion pounds, 0.6 percent below 2002 and accounted for 42.7 percent of total cheese in 2003.

Italian varieties, with 3.52 billion pounds were 1.5 percent above 2002 production. Mozzarella accounted for 79.7 percent of the Italian production followed by Provolone with 8.0 percent and Ricotta with 6.6 percent. Wisconsin was the leading State in Italian cheese production with 29.3 percent of the production.

Butter production in the United States during 2003 totaled 1.24 billion pounds, 8.3 percent below 2002. California accounted for 29.3 percent of the production, followed by Wisconsin with 24.9 percent.

Frozen dessert: (2003 U.S. production, comparisons with 2002)

Ice cream, Regular (total) --- 1.02 billion gallons, up 1.0 percent.

Ice cream, Lowfat (total) --- 353 million gallons, up 4.3 percent.

Ice cream, Nonfat (total) --- 20.9 million gallons, down 0.6 percent.

Sherbet (total) --- 56.2 million gallons, down 1.4 percent.

Frozen Yogurt (total) --- 68.0 million gallons, down 3.9 percent.

Nonfat dry milk for human food: (2003 U.S. production, compared with 2002) --- 1.59 billion pounds, down slightly.

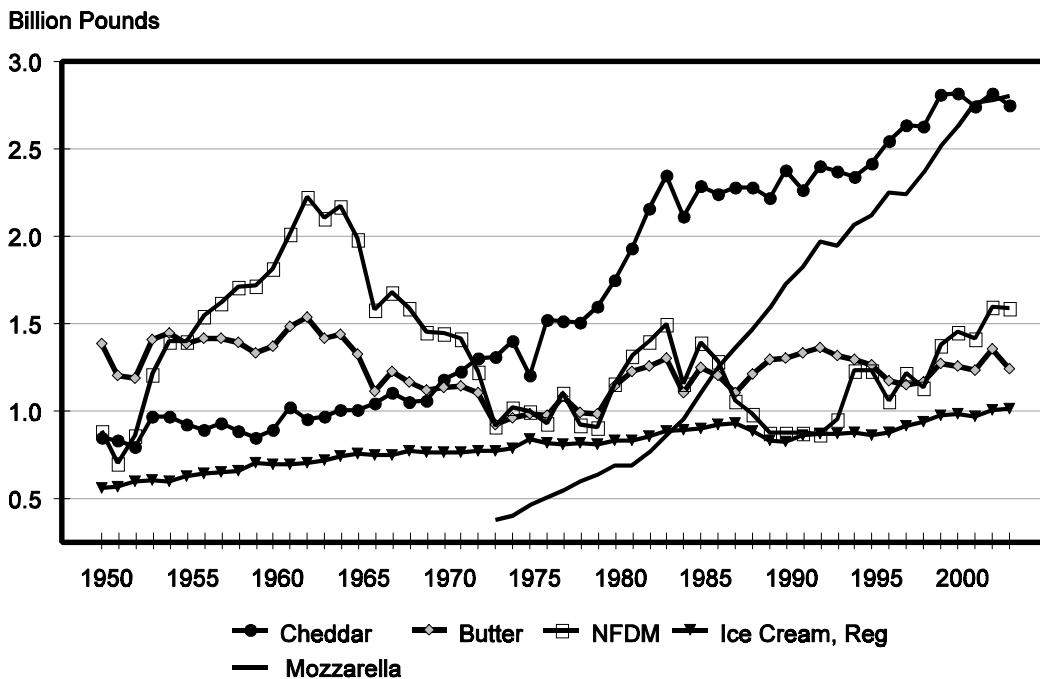
Dry whey products: (2003 U.S. production, comparisons with 2002)

Dry whey, human --- 1.01 billion pounds, down 3.4 percent.

Dry whey, animal --- 81.1 million pounds, up 9.0 percent.

Dry whey, total --- 1.09 billion pounds, down 2.6 percent.

U.S. Dairy Products



**Specified Products: Production by Month,
United States, 2002, 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	72	140,069	124,231	127,695	131,605
Cheese					
American Types					
Cheddar	167	245,224	226,022	250,621	250,941
Other American ¹	114	71,165	65,149	68,835	66,523
Total American	183	316,389	291,171	319,456	317,464
Swiss	36	21,076	19,201	20,784	20,657
Muenster	45	7,193	5,649	6,116	6,263
Brick	22	940	699	658	872
Limburger	1	79	43	43	51
Italian Varieties					
Mozzarella	116	235,955	224,271	245,753	230,701
Other Italian	91	58,214	53,479	59,470	57,805
Total Italian	146	294,169	277,750	305,223	288,506
Cream & Neufchatel	33	45,619	45,386	55,629	49,357
Blue ²					
Hispanic	39	10,816	9,293	9,993	10,612
All Other Types	138	17,658	18,216	19,640	20,347
Total Cheese ³	404	713,939	667,408	737,542	714,129
Cottage Cheese					
Curd ⁴	91	35,470	33,765	36,814	37,197
Creamed ⁵	88	30,045	29,034	31,607	31,454
Lowfat ⁶	85	29,615	29,334	31,999	31,091
Canned Milk					
Evaporated and Cond. Whole ⁷	12	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	80,288	79,434	105,305	93,480
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	45	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	187,747	185,166	202,754	194,483

See footnote(s) at end of table.

--continued

**Specified Products: Production by Month,
United States, 2002, 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	125,484	95,818	94,409	88,883	92,818
Cheese					
American Types					
Cheddar	255,938	240,566	230,331	229,205	218,706
Other American ¹	71,571	70,789	72,796	77,971	73,442
Total American	327,509	311,355	303,127	307,176	292,148
Swiss	21,433	20,871	20,966	20,737	21,390
Muenster	7,068	6,738	6,992	6,883	6,755
Brick	946	767	847	733	929
Limburger	63	42	32	82	29
Italian Varieties					
Mozzarella	247,204	226,574	218,536	226,294	221,565
Other Italian	57,047	51,285	53,263	55,919	51,377
Total Italian	304,251	277,859	271,799	282,213	272,942
Cream & Neufchatel	53,328	55,930	51,202	60,983	64,089
Blue ²					
Hispanic	10,619	9,484	10,567	10,621	10,433
All Other Types	20,848	18,637	19,616	20,036	18,804
Total Cheese ³	746,065	701,683	685,148	709,464	687,519
Cottage Cheese					
Curd ⁴	39,370	34,397	38,710	40,153	37,327
Creamed ⁵	32,966	30,787	32,588	35,401	32,020
Lowfat ⁶	34,658	29,266	34,105	33,590	31,772
Canned Milk					
Evaporated and Cond. Whole ⁷	53,833	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	94,627	90,752	90,688	93,621	78,028
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	129,123	120,859	102,295
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	204,332	187,937	199,320	200,251	215,951

See footnote(s) at end of table.

--continued

**Specified Products: Production by Month,
United States, 2002, Revised (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	127,590	1,355,147	10.0
Cheese					
American Types					
Cheddar	217,671	218,509	238,365	2,822,099	2.7
Other American ¹	78,721	74,694	77,223	868,879	9.0
Total American	296,392	293,203	315,588	3,690,978	4.1
Swiss	22,418	21,737	22,826	254,096	3.5
Muenster	7,869	6,640	6,922	81,088	-1.4
Brick	1,025	772	805	9,993	14.8
Limburger	44	65	78	651	-7.3
Italian Varieties					
Mozzarella	233,207	231,321	241,891	2,783,272	0.6
Other Italian	63,455	62,483	62,945	686,742	4.4
Total Italian	296,662	293,804	304,836	3,470,014	1.3
Cream & Neufchatel	68,680	76,840	59,140	686,183	6.4
Blue ²					
Hispanic	11,475	10,223	10,345	124,481	14.4
All Other Types	19,942	17,707	18,332	229,783	15.1
Total Cheese ³	724,507	720,991	738,872	8,547,267	3.5
Cottage Cheese					
Curd ⁴	37,940	32,336	33,139	436,618	-3.7
Creamed ⁵	31,966	27,682	28,612	374,162	0.7
Lowfat ⁶	32,924	27,273	28,666	374,293	1.1
Canned Milk					
Evaporated and Cond. Whole ⁷	49,461	44,252	36,607	573,231	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	77,680	74,243	77,487	1,035,633	10.5
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	108,934	105,221	139,548	1,595,939	12.9
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	195,099	161,558	175,984	2,310,582	15.4

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, 2003**

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	69	141,912	128,086	126,400	122,844
Cheese					
American Types					
Cheddar	159	246,690	219,377	240,590	231,685
Other American ¹	111	71,738	66,918	77,243	75,402
Total American	177	318,428	286,295	317,833	307,087
Swiss	40	22,944	20,189	21,274	21,037
Muenster	35	6,286	5,979	6,742	7,043
Brick	21	629	695	753	459
Limburger	1	31	75	50	63
Italian Varieties					
Mozzarella	122	231,028	211,519	237,475	236,320
Other Italian	92	61,072	53,973	62,308	61,364
Total Italian	150	292,100	265,492	299,783	297,684
Cream & Neufchatel	34	44,887	42,621	53,210	53,507
Blue ²					
Hispanic	42	10,563	9,964	11,613	11,564
All Other Types	141	18,970	17,334	19,029	20,390
Total Cheese ³	399	714,838	648,644	730,287	718,834
Cottage Cheese					
Curd ⁴	84	36,100	33,555	37,736	39,611
Creamed ⁵	84	32,071	29,246	31,570	33,847
Lowfat ⁶	82	31,263	29,543	32,003	32,910
Canned Milk					
Evaporated and Cond. Whole ⁷	11	39,158	35,666	51,696	56,903
Evaporated Skim	4	588	698	810	1,185
Bulk Condensed Milk					
Whole					
Sweetened	7	6,617	5,239	6,510	8,117
Unsweetened	12	4,329	5,144	6,394	7,984
Skim					
Sweetened	7	1,929	1,616	1,506	1,606
Unsweetened	38	70,134	66,036	76,193	81,844
Condensed or Evaporated					
Buttermilk	8	3,987	1,808	3,072	1,618
Dry Milk					
Dry Whole Milk	13	2,693	2,600	3,360	3,094
Nonfat Dry Milk, Human	47	141,299	137,213	155,430	159,997
Dry Skim Milk, Animal	29	465	445	375	486
Dry Buttermilk	23	7,212	6,132	5,744	5,653
Sour Cream ⁸	100	76,911	64,525	78,351	80,349
Yogurt Plain & Fruit Flavored	99	191,783	199,864	218,168	200,945

See footnote(s) at end of table.

--continued

**Specified Products: Production by Month,
United States, 2003 (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	114,895	84,169	80,050	70,916	73,267
Cheese					
American Types					
Cheddar	239,124	229,741	229,870	223,183	214,603
Other American ¹	80,338	75,308	76,805	75,934	77,619
Total American	319,462	305,049	306,675	299,117	292,222
Swiss	22,444	22,146	22,158	20,865	21,085
Muenster	7,341	6,734	6,517	5,942	6,518
Brick	625	782	1,007	893	1,062
Limburger	66	33	73	44	77
Italian Varieties					
Mozzarella	246,188	236,757	236,511	232,518	225,454
Other Italian	56,377	56,283	57,312	56,269	62,458
Total Italian	302,565	293,040	293,823	288,787	287,912
Cream & Neufchatel					
Blue ²	53,579	52,165	54,050	54,766	66,729
Hispanic	11,318	10,861	11,474	10,714	11,615
All Other Types	19,627	21,499	22,481	19,004	21,488
Total Cheese ³	737,027	712,309	718,258	700,132	708,708
Cottage Cheese					
Curd ⁴	37,894	36,342	40,196	40,108	38,777
Creamed ⁵	32,722	33,694	34,767	34,175	33,043
Lowfat ⁶	32,039	30,301	32,910	33,182	33,974
Canned Milk					
Evaporated and Cond. Whole ⁷	61,428	56,688	55,230	44,693	40,099
Evaporated Skim	871	1,493	1,248	1,835	3,052
Bulk Condensed Milk					
Whole					
Sweetened	7,325	6,924	6,627	5,442	6,682
Unsweetened	5,975	6,265	7,914	6,170	5,991
Skim					
Sweetened	1,897	1,936	3,788	2,073	1,841
Unsweetened	82,713	81,453	80,589	75,754	73,656
Condensed or Evaporated					
Buttermilk	3,550	5,609	7,044	2,778	2,725
Dry Milk					
Dry Whole Milk	1,918	3,291	3,460	2,618	5,237
Nonfat Dry Milk, Human	163,883	139,992	127,915	107,060	96,774
Dry Skim Milk, Animal	470	470	835	455	450
Dry Buttermilk	4,691	2,869	2,359	2,440	2,409
Sour Cream ⁸	76,599	80,164	76,507	80,096	77,522
Yogurt Plain & Fruit Flavored	200,040	204,552	190,854	214,098	222,693

See footnote(s) at end of table.

--continued

**Specified Products: Production by Month,
United States, 2003 (continued)**

Products	Oct	Nov	Dec	Total	Change From 2002
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Butter	96,784	88,436	114,599	1,242,358	-8.3
Cheese					
American Types					
Cheddar	220,878	212,629	240,972	2,749,342	-2.6
Other American ¹	84,189	78,456	80,217	920,167	5.9
Total American	305,067	291,085	321,189	3,669,509	-0.6
Swiss	24,155	22,492	24,018	264,807	4.2
Muenster	7,388	6,302	6,726	79,518	-1.9
Brick	1,031	1,023	813	9,772	-2.2
Limburger	70	49	81	712	9.4
Italian Varieties					
Mozzarella	232,061	230,315	249,953	2,806,099	0.8
Other Italian	65,376	58,869	64,289	715,950	4.3
Total Italian	297,437	289,184	314,242	3,522,049	1.5
Cream & Neufchatel	71,733	70,615	58,888	676,750	-1.4
Blue ²					
Hispanic	11,585	10,649	11,729	133,649	7.4
All Other Types	21,550	18,637	21,201	241,210	5.0
Total Cheese ³	740,016	710,036	758,887	8,597,976	0.6
Cottage Cheese					
Curd ⁴	37,045	36,102	34,815	448,281	2.7
Creamed ⁵	32,276	28,723	29,042	385,176	2.9
Lowfat ⁶	33,398	29,728	28,782	380,033	1.5
Canned Milk					
Evaporated and Cond. Whole ⁷	47,256	46,702	42,321	577,840	0.8
Evaporated Skim	2,807	1,792	1,086	17,465	-11.5
Bulk Condensed Milk					
Whole					
Sweetened	6,048	5,161	5,399	76,091	-1.0
Unsweetened	7,655	6,228	5,206	75,255	34.3
Skim					
Sweetened	1,663	1,998	1,043	22,896	2.5
Unsweetened	67,191	59,634	56,452	871,649	-15.8
Condensed or Evaporated					
Buttermilk	5,195	1,506	2,226	41,118	-26.4
Dry Milk					
Dry Whole Milk	2,882	4,905	2,608	38,666	-18.4
Nonfat Dry Milk, Human	106,887	110,865	141,726	1,589,041	-0.4
Dry Skim Milk, Animal	479	333	358	5,621	-25.7
Dry Buttermilk	3,619	3,392	5,700	52,220	-4.9
Sour Cream ⁸	83,497	90,354	92,585	957,460	
Yogurt Plain & Fruit Flavored	191,803	174,197	178,513	2,387,510	3.3

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.

⁸ New data series.

**Frozen Products: Production by Month,
United States, 2002, 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		79,725	79,354	86,997	92,906	90,642	94,107
Regular, Hard	387	70,189	69,710	76,055	80,911	78,275	81,322
Lowfat, Total ¹		21,965	23,388	28,031	33,179	35,498	34,996
Lowfat, Soft		14,154	15,695	18,770	22,753	24,155	25,205
Lowfat, Hard	183	7,811	7,693	9,261	10,426	11,343	9,791
Nonfat, Total		1,863	1,535	2,070	1,893	1,796	1,797
Nonfat, Hard	82	1,633	1,340	1,838	1,663	1,602	1,533
Sherbet, Total		4,128	4,239	5,217	5,475	5,693	5,628
Hard	222	3,852	3,978	4,910	5,142	5,357	5,326
Yogurt, Total		5,391	5,540	6,112	6,400	6,845	6,485
Regular & Lowfat, Hard	136	1,772	1,861	2,170	2,138	2,411	2,135
Nonfat, Hard	69	940	983	1,160	1,141	1,057	1,205
Other Frozen							
Dairy Products ²	33	740	744	709	783	905	794
Water and Juice Ices ²	130	4,718	5,475	6,736	7,279	7,081	7,412
Mix for Products							
Ice Cream, Regular	304	40,163	40,005	44,561	47,317	46,053	47,901
Ice Cream, Lowfat ³	241	12,417	13,859	16,713	20,019	21,441	21,127
Ice Cream, Nonfat	77	1,181	896	1,196	1,060	1,045	1,118
Sherbet	181	2,717	2,741	3,369	3,464	3,652	3,562
Yogurt		3,150	3,404	3,896	3,802	4,357	4,003
Products	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	96,990	90,930	81,727	81,104	66,003	64,507	1,004,992
Regular, Hard	83,614	78,457	70,449	71,200	57,893	54,413	872,488
Lowfat, Total ¹	34,402	32,219	26,634	26,080	20,877	21,269	338,538
Lowfat, Soft	26,111	23,303	18,851	18,088	14,371	14,418	235,874
Lowfat, Hard	8,291	8,916	7,783	7,992	6,506	6,851	102,664
Nonfat, Total	1,759	1,744	1,670	1,816	1,649	1,458	21,050
Nonfat, Hard	1,546	1,534	1,423	1,583	1,468	1,264	18,427
Sherbet, Total	5,902	5,058	4,499	4,435	3,194	3,530	56,998
Hard	5,584	4,728	4,231	4,161	2,950	3,299	53,518
Yogurt, Total	6,560	6,456	6,058	5,836	4,894	4,194	70,771
Regular & Lowfat, Hard	2,230	1,998	1,928	2,063	1,733	1,313	23,752
Nonfat, Hard	1,219	1,276	1,182	1,024	963	787	12,937
Other Frozen							
Dairy Products ²	833	775	710	717	427	523	8,660
Water and Juice Ices ²	7,580	5,851	4,361	4,656	3,190	3,223	67,562
Mix for Products							
Ice Cream, Regular	49,726	45,776	41,814	40,822	33,056	35,997	513,191
Ice Cream, Lowfat ³	21,393	19,720	16,079	15,736	12,265	12,823	203,592
Ice Cream, Nonfat	920	906	948	924	965	759	11,918
Sherbet	3,746	3,418	2,970	2,918	2,357	2,315	37,229
Yogurt	4,174	4,046	3,632	3,354	2,943	2,724	43,485

¹ Includes freezer-made milkshake.

² Plant count does not include counter-freezers.

³ Includes milkshake mix.

**Frozen Products: Production by Month,
United States, 2003**

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		79,255	80,425	86,587	96,301	93,449	97,264
Regular, Hard	375	69,795	70,821	75,716	84,367	80,900	84,698
Lowfat, Total ¹		23,544	24,272	29,618	32,249	34,534	36,902
Lowfat, Soft		15,334	16,557	20,843	23,121	25,102	27,107
Lowfat, Hard	177	8,210	7,715	8,775	9,128	9,432	9,795
Nonfat, Total		1,685	1,699	1,786	2,111	1,976	1,992
Nonfat, Hard	71	1,440	1,382	1,593	1,830	1,839	1,865
Sherbet, Total		4,366	4,593	4,965	5,375	5,389	5,983
Hard	222	3,986	4,311	4,683	5,011	5,058	5,582
Yogurt, Total		5,271	5,731	5,803	7,025	6,558	6,211
Regular & Lowfat, Hard	125	1,603	1,820	1,795	2,080	1,963	1,895
Nonfat, Hard	69	839	985	997	1,182	1,270	1,206
Other Frozen							
Dairy Products ²	38	580	621	608	635	810	900
Water and Juice Ices ²	132	4,916	11,667	5,873	6,474	6,498	6,768
Mix for Products							
Ice Cream, Regular	294	40,852	40,783	44,474	47,804	48,686	50,637
Ice Cream, Lowfat ³	239	13,693	13,872	17,675	19,328	20,571	22,345
Ice Cream, Nonfat	69	1,099	1,081	1,128	1,193	1,351	1,283
Sherbet	178	2,786	3,091	3,294	3,566	3,618	4,031
Yogurt		2,993	3,324	3,456	3,761	4,135	3,800
Products	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	97,510	88,672	84,007	79,446	67,813	64,320	1,015,049
Regular, Hard	84,507	77,382	73,398	69,761	59,530	56,091	886,966
Lowfat, Total ¹	38,783	33,504	28,364	27,413	21,285	22,466	352,934
Lowfat, Soft	27,526	24,827	20,081	19,062	14,738	15,363	249,661
Lowfat, Hard	11,257	8,677	8,283	8,351	6,547	7,103	103,273
Nonfat, Total	2,035	1,580	1,665	1,798	1,417	1,178	20,922
Nonfat, Hard	1,858	1,478	1,564	1,681	1,344	1,097	18,971
Sherbet, Total	5,382	4,847	4,527	3,929	3,388	3,444	56,188
Hard	5,053	4,552	4,255	3,697	3,169	3,209	52,566
Yogurt, Total	6,057	5,953	5,818	5,282	4,399	3,916	68,024
Regular & Lowfat, Hard	1,960	1,852	1,882	1,756	1,436	1,228	21,270
Nonfat, Hard	1,243	1,168	1,143	967	813	754	12,567
Other Frozen							
Dairy Products ²	837	707	627	560	439	601	7,925
Water and Juice Ices ²	6,429	5,103	4,264	3,834	2,942	2,773	67,541
Mix for Products							
Ice Cream, Regular	51,714	45,812	44,061	40,844	34,525	33,679	523,871
Ice Cream, Lowfat ³	22,630	20,539	16,849	16,042	12,652	13,388	209,584
Ice Cream, Nonfat	1,326	912	1,012	1,190	946	937	13,458
Sherbet	3,660	3,180	3,035	2,655	2,222	2,330	37,468
Yogurt	3,782	3,652	3,487	3,045	2,733	2,648	40,816

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, 2002, 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	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	40	85,491	79,948	91,727	88,669
Dry Whey, Animal	32	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	31	23,078	21,816	23,455	23,185
Protein Concentrate, Animal	7	3,920	3,263	3,393	3,036
Lactose, Human and Animal	27	48,455	43,944	49,277	47,789
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	92,357	93,819	89,489
Dry Whey, Human	92,720	88,507	84,178	86,155	82,403
Dry Whey, Animal	5,697	5,213	8,179	7,664	7,086
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	23,219	22,263	22,887	22,455	20,511
Protein Concentrate, Animal	3,247	2,510	3,174	3,503	3,085
Lactose, Human and Animal	47,725	46,539	46,319	46,532	44,516
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	93,077	91,500	98,168	1,115,321	
Dry Whey, Human	86,769	84,449	89,961	1,040,977	
Dry Whey, Animal	6,308	7,051	8,207	74,344	
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	23,103	23,240	24,968	274,180	
Protein Concentrate, Animal	3,443	3,185	3,300	39,059	
Lactose, Human and Animal	46,647	46,239	49,128	563,110	

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.

**Whey and Modified Whey Products: Production by Month,
United States, 2003**

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	9	10,244	8,919	9,966	9,389
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total		95,268	86,466	98,511	92,801
Dry Whey, Human	45	86,687	80,699	91,218	85,689
Dry Whey, Animal	33	8,581	5,767	7,293	7,112
Reduced Lactose and Minerals					
Human Food	7	4,457	4,104	1,993	2,998
Animal Feed	4	3,876	3,249	3,445	3,498
Whey					
Solids in Wet Blends, Animal ²					
Protein Concentrate, Human	33	26,288	25,750	26,412	26,956
Protein Concentrate, Animal	11	3,208	3,073	3,005	3,015
Lactose, Human and Animal	27	47,494	43,898	49,323	49,424
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	10,155	8,930	9,628	9,204	8,551
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total	97,256	92,410	93,709	87,643	84,812
Dry Whey, Human	90,819	85,555	86,383	82,043	77,852
Dry Whey, Animal	6,437	6,855	7,326	5,600	6,960
Reduced Lactose and Minerals					
Human Food	3,092	3,397	4,394	3,902	3,823
Animal Feed	3,585	3,257	3,327	3,116	3,059
Whey					
Solids in Wet Blends, Animal ²					
Protein Concentrate, Human	26,778	23,006	24,149	23,937	23,339
Protein Concentrate, Animal	3,327	3,167	3,335	3,535	3,326
Lactose, Human and Animal	50,579	48,178	52,870	47,414	48,571
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	10,810	9,015	9,845	114,656	
Sweet Type, Animal ²					
Dry Whey Products					
Dry Whey, Total	86,176	82,343	88,948	1,086,343	
Dry Whey, Human	80,885	76,186	81,276	1,005,292	
Dry Whey, Animal	5,291	6,157	7,672	81,051	
Reduced Lactose and Minerals					
Human Food	3,684	3,160	4,367	43,371	
Animal Feed	3,447	3,427	3,453	40,739	
Whey					
Solids in Wet Blends, Animal ²					
Protein Concentrate, Human	23,431	22,346	25,948	298,340	
Protein Concentrate, Animal	3,722	3,950	3,961	40,624	
Lactose, Human and Animal	49,961	48,961	51,782	588,455	

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, 2002, 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	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	8,201	8,078	8,283	8,603
Lactose, Human and Animal ²	38,769	36,312	44,316	46,950
Whey Protein Concentrate, Human	27,299	27,293	30,140	30,965
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	29,719	31,853	29,074	24,061
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	13.2	13.7
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	21,126	21,778	21,597	22,472
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	15.3	17.1	18.6	14.7

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.

**Manufacturers' Whey Stocks and Selling Prices: Production by Month,
United States, 2003**

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	37,564	37,187	44,147	45,536
Dry Whey, Animal	3,235	1,420	1,501	1,464
Reduced Lactose and Minerals Human and Animal ²	10,594	11,782	10,502	9,991
Lactose, Human and Animal	44,672	39,694	44,265	42,150
Whey Protein Concentrate, Human	24,057	22,731	27,663	28,278
Whey Protein Concentrate, Animal	1,411	1,790	1,767	1,712
	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	13.0	12.6	12.2	11.8
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	45,389	45,042	42,769	40,513
Dry Whey, Animal	2,264	1,805	2,974	2,929
Reduced Lactose and Minerals Human and Animal ²	10,138	9,863	9,991	10,037
Lactose, Human and Animal	40,256	44,412	38,252	37,349
Whey Protein Concentrate, Human	30,662	29,160	26,245	25,489
Whey Protein Concentrate, Animal	1,607	1,872	1,562	1,550
	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	11.5	11.0	14.3	15.7
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	37,340	35,318	38,956	40,562
Dry Whey, Animal	3,501	2,778	4,531	5,415
Reduced Lactose and Minerals Human and Animal ²	9,518	7,958	7,917	7,278
Lactose, Human and Animal	40,841	42,385	44,409	49,983
Whey Protein Concentrate, Human	23,555	22,856	22,219	24,075
Whey Protein Concentrate, Animal	1,657	2,371	2,676	2,114
	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	16.6	18.3	19.1	19.0

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, 2002, Revised**

Products	Jan	Feb	Mar	Apr	May	Jun
	Manufacturers' Shipments ¹					
	<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	5,123	4,816	4,530	3,285	3,868	3,998
Nonfat Dry Milk, Human	126,388	107,035	124,564	148,301	156,002	143,674
Dry Skim Milk, Animal	304	951	375	613	396	657
Dry Buttermilk, Human	3,036	4,528	4,257	6,131	4,243	4,233
	Manufacturers' Stocks End-of-Month ²					
	<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	2,444	3,078	2,772	2,987	2,473	2,431
Nonfat Dry Milk, Human	99,201	123,537	134,978	136,199	138,768	143,869
Dry Skim Milk, Animal	1,258	1,341	2,252	2,127	2,474	3,157
Dry Buttermilk, Total	6,947	7,410	7,987	10,601	11,594	11,341
	Manufacturers' Selling Prices ³					
	<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	121.20	119.50	115.40	117.10	117.30	117.60
Dry Skim Milk, Animal	61.00	43.90	53.90	52.80	68.30	63.60
Dry Buttermilk, Human	94.90	94.70	90.90	86.10	84.10	82.40
Products	Jul	Aug	Sep	Oct	Nov	Dec
	Manufacturers' Shipments ¹					
	<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	4,422	4,864	4,847	4,862	5,015	3,598
Nonfat Dry Milk, Human	142,859	143,749	116,737	102,788	89,947	110,246
Dry Skim Milk, Animal	1,001	630	533	410	355	316
Dry Buttermilk, Human	3,956	4,915	4,502	6,125	4,536	4,120
	Manufacturers' Stocks End-of-Month ²					
	<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	3,095	1,984	2,591	2,684	1,769	3,244
Nonfat Dry Milk, Human	121,605	92,970	72,780	69,838	73,723	98,920
Dry Skim Milk, Animal	2,817	2,372	2,137	1,653	2,013	2,012
Dry Buttermilk, Total	10,427	8,313	6,651	4,591	5,762	6,612
	Manufacturers' Selling Prices ³					
	<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	118.40	112.80	113.30	112.90	115.70	117.70
Dry Skim Milk, Animal	75.00	74.00	60.30	66.30	70.30	64.70
Dry Buttermilk, Human	78.70	77.70	77.80	76.80	84.90	79.50

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.

**Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks,
and Selling Prices, by Month, United States, 2003**

Products	Jan	Feb	Mar	Apr	May	Jun
	Manufacturers' Shipments ¹					
	<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	3,951	3,807	3,816	3,668	3,232	3,074
Nonfat Dry Milk, Human	135,166	114,734	129,655	146,619	147,857	137,330
Dry Skim Milk, Animal	440	302	432	777	237	217
Dry Buttermilk, Human	5,466	5,924	4,284	3,764	4,774	5,391
	Manufacturers' Stocks End-of-Month ²					
	<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	51,988	52,404	52,815	56,870	63,297	76,098
Dry Whole Milk	2,614	2,707	3,371	4,441	3,116	2,963
Nonfat Dry Milk, Human	102,941	114,890	122,611	129,308	127,370	120,014
Dry Skim Milk, Animal	1,882	2,012	1,947	1,767	2,044	1,868
Dry Buttermilk, Total	8,346	8,005	9,239	9,594	9,436	6,844
	Manufacturers' Selling Prices ³					
	<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	109.40	105.80	110.10	105.40	106.00	106.50
Dry Skim Milk, Animal	65.70	70.80	59.00	37.10	45.80	43.50
Dry Buttermilk, Human	76.00	74.40	73.20	73.30	71.70	70.60
Products	Jul	Aug	Sep	Oct	Nov	Dec
	Manufacturers' Shipments ¹					
	<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	3,051	3,057	3,458	4,238	3,270	2,406
Nonfat Dry Milk, Human	150,487	109,574	103,694	97,453	85,426	96,193
Dry Skim Milk, Animal	349	325	197	336	305	303
Dry Buttermilk, Human	6,149	2,737	3,093	3,339	3,156	3,834
	Manufacturers' Stocks End-of-Month ²					
	<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	86,492	88,647	76,770	58,677	38,368	36,753
Dry Whole Milk	2,874	1,443	1,994	920	1,463	1,686
Nonfat Dry Milk, Human	85,755	71,942	63,410	69,962	87,179	103,887
Dry Skim Milk, Animal	1,793	2,021	1,871	1,846	1,549	1,313
Dry Buttermilk, Total	2,377	2,271	1,956	2,159	2,228	2,938
	Manufacturers' Selling Prices ³					
	<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	106.70	108.60	109.30	110.60	111.10	112.00
Dry Skim Milk, Animal	46.00	30.60	52.00	33.90	43.60	42.40
Dry Buttermilk, Human	74.50	80.20	84.70	86.20	86.70	86.40

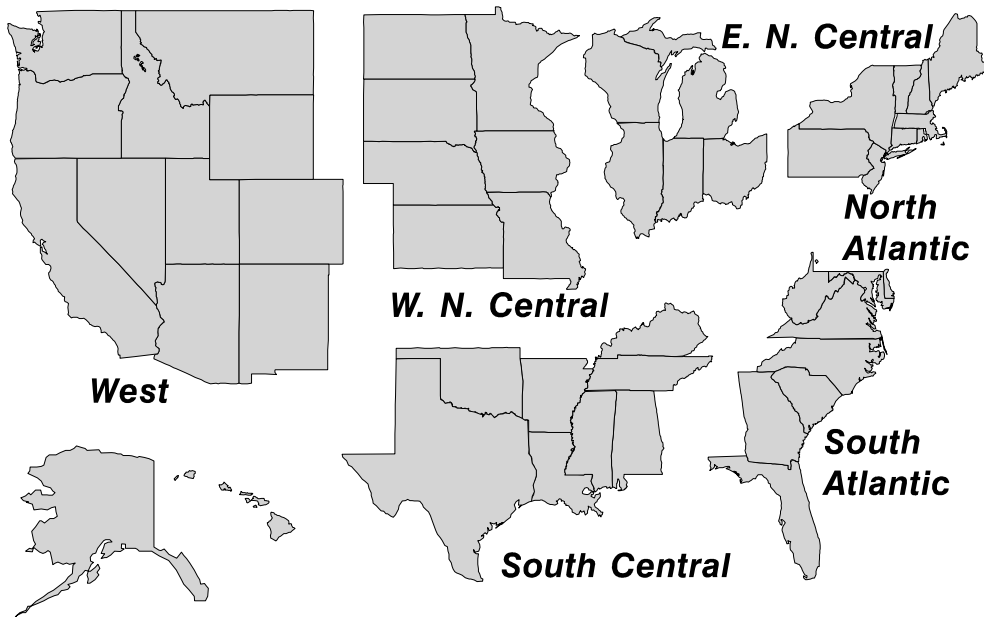
¹ For dry products, shipments of bulk goods only.

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.

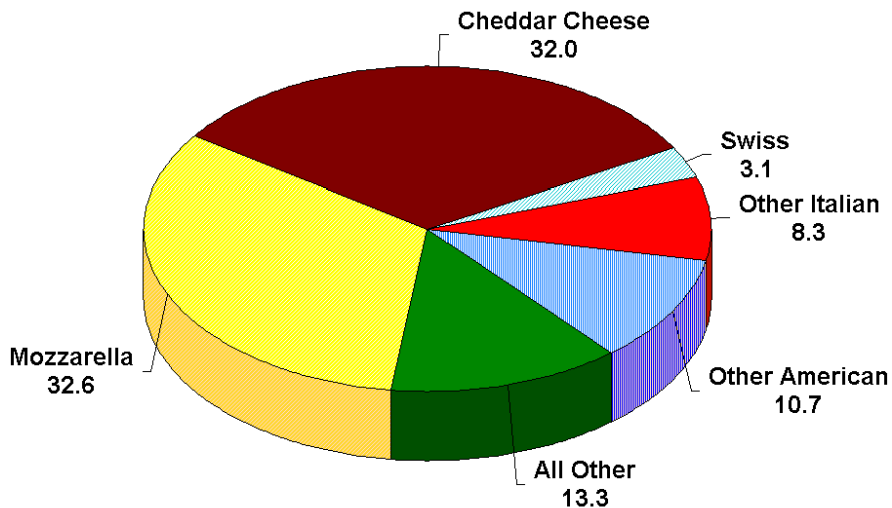
U. S. Geographic Regions Dairy Products

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.



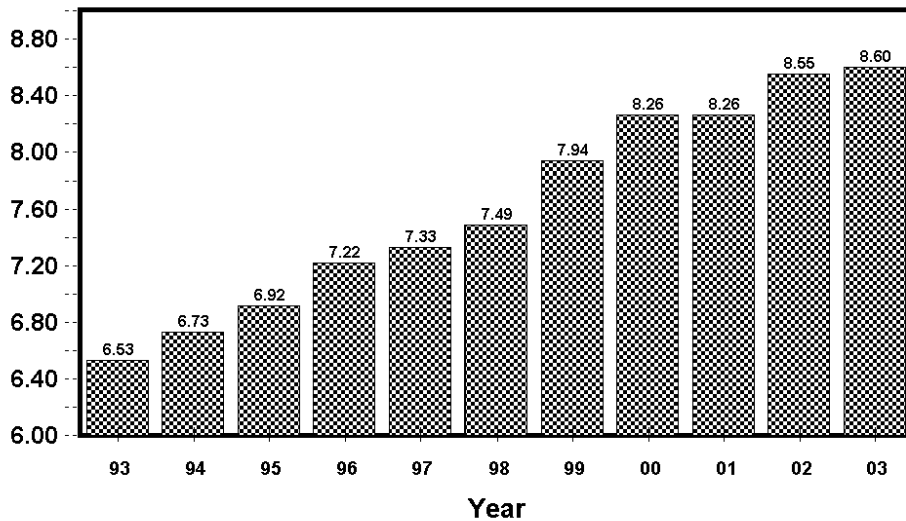
Cheese Production

Percent by Type, 2003



Total Cheese Production United States

Billion Pounds



**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 2003 and Total 2002-03**

State	2003							
	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	146,670	135,200	149,781	150,094	156,101	155,499	158,177	155,885
ID								
IL	8,923	7,425	8,578	8,090	7,811	7,493	7,891	7,201
IA	15,944	14,365	15,180	14,944	15,316	12,449	12,274	12,024
MA	58	58	80	93	67	73	64	57
MN	55,044	50,362	56,886	53,490	55,241	52,204	50,759	48,345
MO	5,907	6,623	8,339	7,624	7,765	8,238	8,475	8,169
NY	56,605	52,410	61,398	58,727	57,683	53,485	54,711	56,921
OH	14,638	13,012	14,133	13,193	14,360	14,208	14,302	13,047
PA	31,915	27,704	31,648	33,145	30,855	32,071	31,410	27,261
SD	13,067	12,141	13,294	12,881	14,095	13,136	13,081	11,523
UT	5,531	5,135	5,659	5,870	6,487	6,822	6,408	6,397
WA								
WI	185,775	168,734	189,355	185,821	193,941	192,444	194,000	187,992
Oth Sts ¹	174,761	155,475	175,956	174,862	177,305	164,187	166,706	165,310
US	714,838	648,644	730,287	718,834	737,027	712,309	718,258	700,132
N Atl	103,707	93,659	107,115	107,030	101,486	100,625	102,292	100,225
S Atl	3,588	3,132	3,224	4,007	3,335	3,047	3,410	3,061
E N Cen	225,175	202,755	226,948	221,807	231,284	228,181	229,525	219,455
W N Cen	98,429	90,204	100,869	96,121	97,843	88,183	85,878	81,894
S Cen	7,107	7,186	8,574	7,409	7,262	8,060	6,091	6,880
West	276,832	251,708	283,557	282,460	295,817	284,213	291,062	288,617

See footnote(s) at end of table.

--continued

**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 2003 and Total 2002-03 (continued)**

State	2003						2002	
	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	151,800	155,120	148,359	163,667	1,826,353	66	1,722,211	63
ID							619,943	10
IL	7,925	8,382	7,632	8,196	95,547	13	95,055	13
IA	12,177	12,888	11,752	13,399	162,712	8	263,005	8
MA	70	75	76	89	860	5	841	6
MN	47,114	47,287	46,716	53,100	616,548	13	597,254	14
MO	9,508	8,919	10,274	7,559	97,400	3	98,521	3
NY	62,388	66,006	63,290	63,029	706,653	44	716,826	45
OH	12,782	14,936	13,266	14,958	166,835	15	159,527	15
PA	28,434	30,309	29,694	34,499	368,945	18	374,051	19
SD	11,595	12,918	12,239	11,665	151,635	6	155,664	6
UT	6,262	6,609	6,523	6,352	74,055	5	66,296	6
WA							153,901	3
WI	191,880	201,435	184,827	200,444	2,276,648	117	2,237,127	117
Oth Sts ¹	166,773	175,132	175,388	181,930	2,053,785	86	1,287,045	76
US	708,708	740,016	710,036	758,887	8,597,976	399	8,547,267	404
N Atl	106,291	112,854	108,440	113,529	1,257,253	93	1,266,485	95
S Atl	3,332	3,174	2,910	2,537	38,757	4	39,356	5
E N Cen	222,626	235,469	216,567	237,449	2,697,241	158	2,657,669	158
W N Cen	82,366	84,306	83,921	88,926	1,078,940	37	1,215,918	38
S Cen	6,963	7,095	7,491	7,427	87,545	13	73,266	14
West	287,130	297,118	290,707	309,019	3,438,240	94	3,294,573	94

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, 2003 and Total 2002-03¹**

State	2003							
	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	67,510	60,357	68,295	65,318	68,650	65,862	65,695	66,438
ID	38,979	35,376	38,511	38,538	40,428	37,349	39,854	41,073
IA	12,275	10,945	12,027	11,667	11,969	10,300	9,911	9,638
MN	53,091	48,688	55,326	51,185	53,699	50,247	48,938	46,362
NY	9,041	7,581	8,002	9,574	8,831	7,662	7,398	5,774
OH	3,332	2,431	2,943	2,912	3,500	3,160	3,113	2,782
OR	8,167	7,418	8,440	8,155	8,721	8,090	8,477	9,186
SD	6,827	6,130	6,759	6,543	7,254	7,043	7,251	6,142
WA								
WI	72,897	64,892	71,199	68,146	71,511	69,452	70,319	66,425
Oth Sts ²	46,309	42,477	46,331	45,049	44,899	45,884	45,719	45,297
US	318,428	286,295	317,833	307,087	319,462	305,049	306,675	299,117
Atlantic	15,826	13,591	12,077	15,287	12,055	12,487	13,433	11,936
E N Cen	77,472	68,194	75,269	72,269	76,026	73,438	74,643	70,325
W N Cen	73,844	66,821	75,116	70,399	74,010	68,561	66,444	62,526
S Cen	4,189	4,057	5,524	4,372	4,217	5,005	3,669	3,864
West	147,097	133,632	149,847	144,760	153,154	145,558	148,486	150,466

See footnote(s) at end of table.

--continued

**Total American Type Cheese: Production by Month, State,
and United States, 2003 and Total 2002-03¹ (continued)**

State	2003						2002	
	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	63,229	65,195	64,046	69,035	789,630	24	785,436	23
ID	41,154	43,021	42,856	43,906	481,045	5	482,841	8
IA	9,833	9,935	9,200	10,745	128,445	5	143,445	6
MN	44,552	45,072	43,981	50,941	592,082	9	575,756	10
NY	4,551	5,015	6,393	8,443	88,265	14	92,709	15
OH	2,337	2,625	2,382	2,859	34,376	6	34,266	6
OR	8,175	8,859	8,424	8,507	100,619	3	94,160	4
SD	6,454	7,130	6,540	7,289	81,362	5	77,151	5
WA							153,010	3
WI	66,062	70,820	63,956	72,759	828,438	62	858,272	61
Oth Sts ²	45,875	47,395	43,307	46,705	545,247	44	393,932	42
US	292,222	305,067	291,085	321,189	3,669,509	177	3,690,978	183
Atlantic	9,661	11,559	12,303	13,551	153,766	28	156,294	29
E N Cen	69,212	74,449	67,167	76,550	875,014	74	907,721	74
W N Cen	61,235	62,595	60,090	69,539	811,180	24	813,313	26
S Cen	4,158	3,911	3,916	4,952	51,834	9	50,627	8
West	147,956	152,553	147,609	156,597	1,777,715	42	1,763,023	46

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,
2003 and Total 2002-03**

State	2003							
	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	48,766	42,121	44,984	43,401	47,706	44,095	42,231	45,504
ID	17,557	15,906	17,162	17,590	18,360	16,430	19,265	20,132
IA								
MN	49,605	44,710	51,556	46,785	49,075	46,354	44,340	41,325
NY	8,955	7,519	7,905	9,492	8,668	7,526	7,273	5,668
OH	2,709	1,969	2,427	2,139	2,399	2,295	2,233	2,163
SD	5,250	4,867	4,332	4,638	4,061	5,074	5,397	4,342
WA								
WI	58,812	53,123	57,608	54,615	55,361	54,349	54,309	50,123
Oth Sts ¹	55,036	49,162	54,616	53,025	53,494	53,618	54,822	53,926
US	246,690	219,377	240,590	231,685	239,124	229,741	229,870	223,183
Atlantic	15,289	12,975	11,276	14,555	11,431	11,949	12,829	11,348
E N Cen	61,522	55,094	60,036	56,755	57,764	56,646	56,545	52,290
W N Cen	63,191	56,544	63,380	58,913	61,033	58,713	56,684	52,566
S Cen	4,189	4,056	5,523	4,371	4,216	5,004	3,669	3,863
West	102,499	90,708	100,375	97,091	104,680	97,429	100,143	103,116
	2003						2002	
	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	40,390	40,293	39,256	44,969	523,716	19	561,567	19
ID	19,957	20,744	19,995	21,618	224,716	4	215,493	8
IA							78,297	5
MN	40,416	40,122	39,331	46,213	539,832	9	541,029	10
NY	4,453	4,879	6,242	8,297	86,877	13	91,648	14
OH	2,053	2,298	1,878	2,039	26,602	4	26,742	4
SD	3,834	2,286	4,070	4,588	52,739	5	49,473	5
WA							126,096	3
WI	49,496	54,399	49,356	56,936	648,487	59	686,621	58
Oth Sts ¹	54,004	55,857	52,501	56,312	646,373	46	445,133	41
US	214,603	220,878	212,629	240,972	2,749,342	159	2,822,099	167
Atlantic	9,212	10,930	11,926	12,927	146,647	24	151,982	25
E N Cen	51,551	56,705	51,235	58,977	675,120	67	713,407	67
W N Cen	51,289	49,431	49,825	58,562	680,131	23	685,714	25
S Cen	4,157	3,910	3,915	4,951	51,824	9	50,568	8
West	98,394	99,902	95,728	105,555	1,195,620	36	1,220,428	42

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, 2003 and Total 2002-03¹**

State	2003							
	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	18,744	18,236	23,311	21,917	20,944	21,767	23,464	20,934
ID	21,422	19,470	21,349	20,948	22,068	20,919	20,589	20,941
MN	3,486	3,978	3,770	4,400	4,624	3,893	4,598	5,037
NY	86	62	97	82	163	136	125	106
OH	623	462	516	773	1,101	865	880	619
SD	1,577	1,263	2,427	1,905	3,193	1,969	1,854	1,800
WI	14,085	11,769	13,591	13,531	16,150	15,103	16,010	16,302
Oth Sts ²	11,715	11,678	12,182	11,846	12,095	10,656	9,285	10,195
US	71,738	66,918	77,243	75,402	80,338	75,308	76,805	75,934
Atlantic	537	616	801	732	624	538	604	588
Central	26,603	23,378	26,970	27,001	31,240	26,641	27,858	27,996
West	44,598	42,924	49,472	47,669	48,474	48,129	48,343	47,350
	2003						2002	
	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	22,839	24,902	24,790	24,066	265,914	20	223,869	18
ID	21,197	22,277	22,861	22,288	256,329	3	267,348	4
MN	4,136	4,950	4,650	4,728	52,250	3	34,727	3
NY	98	136	151	146	1,388	5	1,061	6
OH	284	327	504	820	7,774	4	7,524	4
SD	2,620	4,844	2,470	2,701	28,623	3	27,678	3
WA							26,914	1
WI	16,566	16,421	14,600	15,823	179,951	48	171,651	47
Oth Sts ²	9,879	10,332	8,430	9,645	127,938	25	108,107	28
US	77,619	84,189	78,456	80,217	920,167	111	868,879	114
Atlantic	449	629	377	624	7,119	12	4,312	14
Central	27,608	30,909	26,198	28,551	330,953	70	321,972	71
West	49,562	52,651	51,881	51,042	582,095	29	542,595	29

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,
2003 and Total 2002-03**

State	2003							
	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	8,714	7,790	8,180	8,120	8,816	8,688	8,642	7,915
WI	3,212	2,707	2,917	2,768	3,203	3,213	2,847	2,412
Oth Sts ¹	11,018	9,692	10,177	10,149	10,425	10,245	10,669	10,538
US	22,944	20,189	21,274	21,037	22,444	22,146	22,158	20,865
Atlantic ²	727	692	792	817	816	790	817	766
Central	18,924	16,503	17,432	16,967	18,289	18,171	18,254	16,927
	2003						2002	
	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	7,662	9,215	8,708	9,647	102,097	11	94,390	11
PA							9,034	3
WI	2,852	3,347	3,004	3,294	35,776	13	37,823	10
Oth Sts ¹	10,571	11,593	10,780	11,077	126,934	15	112,849	12
US	21,085	24,155	22,492	24,018	264,807	40	254,096	36
Atlantic ²	756	798	747	839	9,357	5	9,082	6
Central	17,140	19,965	18,395	19,863	216,830	32	210,967	27

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,
2003 and Total 2002-03**

State	2003							
	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	321	351	355	403	340	452	386	378
Oth Sts ¹	308	344	398	56	285	330	621	515
US	629	695	753	459	625	782	1,007	893
	2003						2002	
	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	449	387	350	365	4,537	20	4,916	19
Oth Sts ¹	613	644	673	448	5,235	1	5,077	3
US	1,062	1,031	1,023	813	9,772	21	9,993	22

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,
2003 and Total 2002-03**

State	2003							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
WI	<i>1,000 Pounds</i> 4,951	<i>1,000 Pounds</i> 4,597	<i>1,000 Pounds</i> 5,035	<i>1,000 Pounds</i> 5,280	<i>1,000 Pounds</i> 5,627	<i>1,000 Pounds</i> 5,175	<i>1,000 Pounds</i> 4,488	<i>1,000 Pounds</i> 3,894
Oth Sts ¹	1,335	1,382	1,707	1,763	1,714	1,559	2,029	2,048
US	6,286	5,979	6,742	7,043	7,341	6,734	6,517	5,942
	2003						2002	
	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	4,023	4,361	4,004	4,358	55,793	26	59,327	30
Oth Sts ¹	2,495	3,027	2,298	2,368	23,725	9	21,761	15
US	6,518	7,388	6,302	6,726	79,518	35	81,088	45

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,
2003 and Total 2002-03**

State	2003							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
CA	<i>1,000 Pounds</i> 6,205	<i>1,000 Pounds</i> 5,953	<i>1,000 Pounds</i> 6,941	<i>1,000 Pounds</i> 7,159	<i>1,000 Pounds</i> 7,093	<i>1,000 Pounds</i> 6,504	<i>1,000 Pounds</i> 7,383	<i>1,000 Pounds</i> 6,876
WI	2,854	2,827	3,141	3,186	2,918	2,860	2,785	2,472
Oth Sts ¹	1,504	1,184	1,531	1,219	1,307	1,497	1,306	1,366
US	10,563	9,964	11,613	11,564	11,318	10,861	11,474	10,714
	2003						2002	
	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	7,286	7,150	6,486	7,270	82,306	11	78,691	12
WI	2,721	3,251	2,787	3,028	34,830	18	29,777	14
Oth Sts ¹	1,608	1,184	1,376	1,431	16,513	13	16,013	13
US	11,615	11,585	10,649	11,729	133,649	42	124,481	39

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, 2003 and Total 2002-03**

State	2003							
	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	67,145	63,697	69,090	72,330	74,741	75,761	78,090	78,462
NY	34,985	30,655	35,991	32,714	31,981	30,827	30,888	32,414
PA	22,744	19,466	21,868	22,303	22,045	21,411	20,023	17,150
SD	6,236	6,002	6,524	6,329	6,833	6,082	5,822	5,371
UT	187	191	493	524	569	548	308	494
WI	81,343	76,694	86,423	83,803	87,078	87,982	89,018	87,577
Oth Sts ¹	79,460	68,787	79,394	79,681	79,318	70,429	69,674	67,319
US	292,100	265,492	299,783	297,684	302,565	293,040	293,823	288,787
Atlantic ²	68,446	59,190	69,051	66,276	65,266	63,467	62,352	60,563
E N Cen	98,518	92,022	103,042	99,166	102,905	103,349	103,371	99,806
West	110,299	101,126	113,640	117,613	121,862	117,167	119,676	119,804
	2003						2002	
	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	75,502	77,639	73,050	81,200	886,707	30	789,833	26
NY	33,755	37,156	34,363	35,739	401,468	13	414,180	12
PA	16,733	17,831	18,309	21,856	241,739	10	251,700	10
SD	5,131	5,779	5,693	4,367	70,169	3	73,444	3
UT	147	415	415	316	4,607	3		
WI	88,997	88,737	82,839	91,368	1,031,859	53	972,261	52
Oth Sts ¹	67,647	69,880	74,515	79,396	885,500	38	968,596	43
US	287,912	297,437	289,184	314,242	3,522,049	150	3,470,014	146
Atlantic ²	62,025	65,755	62,987	68,618	773,996	37	794,504	36
E N Cen	100,725	101,160	94,834	106,520	1,205,418	62	1,149,243	61
West	116,054	120,884	120,533	130,096	1,408,754	41	1,294,709	39

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, 2003 and Total 2002-03**

State	2003							
	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	58,892	55,734	61,059	63,829	67,335	67,869	69,752	71,754
NY	17,884	16,341	17,350	16,271	17,698	16,940	16,998	16,782
PA	18,202	15,694	17,206	17,678	17,971	17,175	15,570	13,762
WI	59,896	58,211	65,372	62,512	65,105	66,659	67,751	66,155
Oth Sts ¹	76,154	65,539	76,488	76,030	78,079	68,114	66,440	64,065
US	231,028	211,519	237,475	236,320	246,188	236,757	236,511	232,518
Atlantic ²	44,379	38,856	43,059	42,119	44,113	42,863	41,206	38,640
E N Cen	74,769	71,093	79,301	75,930	79,304	79,949	79,925	76,349
West	100,160	91,164	103,626	106,938	112,339	107,117	109,073	111,095
	2003						2002	
	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	67,118	68,837	67,503	72,298	791,980	27	697,751	23
NY	15,937	17,371	16,207	16,340	202,119	12	203,955	11
PA	13,244	13,562	15,310	17,301	192,675	7	204,258	7
WI	66,786	66,633	61,810	70,106	776,996	42	748,012	40
Oth Sts ¹	62,369	65,658	69,485	73,908	842,329	34	929,296	35
US	225,454	232,061	230,315	249,953	2,806,099	122	2,783,272	116
Atlantic ²	36,956	38,379	38,433	41,722	490,725	29	501,834	28
E N Cen	76,104	76,330	71,939	83,157	924,150	50	897,709	48
West	105,728	110,087	112,844	119,177	1,289,348	36	1,186,109	34

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, 2003 and Total 2002-03**

State	2003							
	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	8,253	7,963	8,031	8,501	7,406	7,892	8,338	6,708
NY	17,101	14,314	18,641	16,443	14,283	13,887	13,890	15,632
PA	4,542	3,772	4,662	4,625	4,074	4,236	4,453	3,388
WI	21,447	18,483	21,051	21,291	21,973	21,323	21,267	21,422
Oth Sts ¹	9,729	9,441	9,923	10,504	8,641	8,945	9,364	9,119
US	61,072	53,973	62,308	61,364	56,377	56,283	57,312	56,269
Atlantic	24,067	20,334	25,992	24,157	21,153	20,604	21,146	21,923
Central	26,866	23,677	26,302	26,532	25,701	25,629	25,563	25,637
West	10,139	9,962	10,014	10,675	9,523	10,050	10,603	8,709
	2003						2002	
	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	8,384	8,802	5,547	8,902	94,727	17	92,082	17
NY	17,818	19,785	18,156	19,399	199,349	12	210,225	11
PA	3,489	4,269	2,999	4,555	49,064	9	47,442	9
WI	22,211	22,104	21,029	21,262	254,863	30	224,249	29
Oth Sts ¹	10,556	10,416	11,138	10,171	117,947	24	112,744	25
US	62,458	65,376	58,869	64,289	715,950	92	686,742	91
Atlantic	25,069	27,376	24,554	26,896	283,271	32	292,670	31
Central	27,063	27,203	26,626	26,474	313,273	38	285,472	38
West	10,326	10,797	7,689	10,919	119,406	22	108,600	22

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

Italian Cheese: Production, United States, 2002-2003

Type	2002	2003	2003/2002
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Hard			
Provolone and similars	261,402	282,687	108
Romano and similars	32,883	36,287	110
Parmesan and similars	126,720	126,839	100
Other hard	18,951	23,602	125
Total hard	439,956	469,415	107
Soft			
Mozzarella and similars	2,783,272	2,806,099	101
Ricotta and similars	236,007	234,016	99
Other soft	10,779	12,519	116
Total soft	3,030,058	3,052,634	101
Total hard and soft	3,470,014	3,522,049	101

**Italian Cheese: Production by Type, Region,
and United States, 2002-03**

Region	Hard Types		Soft Types		Total	
	2002	2003	2002	2003	2002	2003
	<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	132,570	127,956	661,934	646,040	794,504	773,996
E N Cen	170,532	194,457	978,711	1,010,961	1,149,243	1,205,418
West	102,916	114,997	1,191,793	1,293,757	1,294,709	1,408,754
US ¹	439,956	469,415	3,030,058	3,052,634	3,470,014	3,522,049

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, 2002-2003**

State	Provolone		Romano		Parmesan		Ricotta	
	2002	2003	2002	2003	2002	2003	2002	2003
	<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	27,660	31,430					4,351	3,186
NY	69,987	66,611					140,238	132,738
PA							4,875	
WI	88,100	110,489	16,533	14,816	47,537	46,726		
Oth Sts ¹	75,655	74,157	16,350	21,471	79,183	80,113	86,543	98,092
US	261,402	282,687	32,883	36,287	126,720	126,839	236,007	234,016

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

**Processed Cheeses and Combinations: Production,
United States, 1994-03 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>
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	34	1,314,040	29	1,070,836
2000	30	1,388,278	28	854,317
2001	30	1,219,070	29	960,221
2002	30	1,344,698	30	949,648
2003	33	1,356,226	28	1,005,651
	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>
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	51	2,326,748
2003	19	44,439	54	2,406,316

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, 2003 and Total 2002-03**

State	2003							
	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	3,658	3,572	3,639	3,445	3,884	5,312	5,019	2,435
IL	1,743	1,487	1,581	1,651	1,347	848	937	480
MI	344	454	453	678	467	542	658	563
NY								
Oth Sts ¹	13,225	11,821	13,356	14,616	13,929	14,797	15,867	15,526
US	18,970	17,334	19,029	20,390	19,627	21,499	22,481	19,004
	2003						2002	
	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	3,775	2,955	2,305	3,348	43,347	38	42,861	34
IL	925	1,052	932	1,111	14,094	6	15,645	7
MI	613	752	544	660	6,728	7	7,430	7
NY							7,382	10
Oth Sts ¹	16,175	16,791	14,856	16,082	177,041	90	156,465	80
US	21,488	21,550	18,637	21,201	241,210	141	229,783	138

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,
2003 and Total 2002-03**

State	2003							
	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	39,525	33,640	34,791	34,344	32,884	23,009	22,696	22,842
NY	2,672	2,370	2,338	2,129	2,043	1,570	1,912	1,685
PA	4,402	6,747	6,698	7,647	7,959	5,453	3,539	3,602
WA								
WI	38,537	35,097	32,298	30,172	27,317	21,188	18,533	17,883
Oth Sts ¹	56,776	50,232	50,275	48,552	44,692	32,949	33,370	24,904
US	141,912	128,086	126,400	122,844	114,895	84,169	80,050	70,916
N Atl ²	11,368	13,025	13,145	14,086	14,184	9,668	7,819	6,957
E N Cen	42,580	38,809	36,102	34,020	30,224	22,927	20,453	18,849
W N Cen	13,611	12,310	10,175	9,828	8,530	7,172	6,412	5,221
West	56,491	47,811	50,263	50,313	48,903	36,864	36,214	35,500
	2003						2002	
	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	25,141	30,483	30,591	33,887	363,833	11	379,462	11
NY	2,263	2,074	1,655	2,062	24,773	7	28,292	8
PA	2,005	4,292	3,915	5,669	61,928	3	80,603	3
WA							107,511	1
WI	17,294	23,297	20,949	26,699	309,264	11	342,503	11
Oth Sts ¹	26,564	36,638	31,326	46,282	482,560	36	416,776	37
US	73,267	96,784	88,436	114,599	1,242,358	69	1,355,147	72
N Atl ²	6,734	9,845	7,272	11,184	125,287	13	149,355	14
E N Cen	18,887	26,896	25,006	30,932	345,685	18	388,236	19
W N Cen	4,827	6,495	7,529	9,750	101,860	9	113,998	11
West	37,797	42,933	42,492	49,502	535,083	22	556,773	21

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, 2003 and Total 2002-03 ¹**

State	2003							
	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	5,470	5,052	5,281	5,560	5,367	5,576	5,808	5,460
IL	2,498	2,300	2,397	2,366	2,176	2,090	2,394	2,536
IA	1,442	1,526	1,572	1,689	1,678	1,667	1,552	1,794
KY	717	661	666	726	792	635	805	969
MO	855	640	791	857	839	823	912	736
NY	7,648	7,677	8,299	8,209	8,407	6,527	7,696	7,929
OH	2,777	2,300	2,778	2,835	2,652	2,843	2,504	2,581
OR	240	278	310	292	284	273	314	323
PA	646	593	688	658	610	743	971	939
TN	532	523	583	566	507	523	606	595
TX	655	788	683	693	707	850	686	799
UT	172	208	340	318	373	144	257	258
WI	951	933	1,012	1,024	966	1,031	1,135	990
Oth Sts ²	6,660	6,064	6,603	7,117	6,681	6,576	7,270	7,273
US	31,263	29,543	32,003	32,910	32,039	30,301	32,910	33,182
N Atl	8,418	8,415	9,143	9,037	9,177	7,449	8,832	9,027
S Atl	757	572	571	644	623	625	693	873
E N Cen	7,078	6,347	7,000	7,127	6,522	6,680	6,925	6,917
W N Cen	3,702	3,472	4,242	4,190	4,077	4,232	4,062	4,245
S Cen	2,090	2,146	2,138	2,223	2,204	2,185	2,326	2,647
West	9,218	8,591	8,909	9,689	9,436	9,130	10,072	9,473
	2003					2002		
	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	5,654	6,003	5,025	5,101	65,357	6	65,330	6
IL	2,825	2,716	2,697	2,284	29,279	4	29,601	4
IA	1,387	1,229	1,167	1,014	17,717	3	16,694	3
KY	745	783	751	526	8,776	3	7,582	3
MO	780	679	850	572	9,334	4	9,511	4
NY	8,331	7,845	6,707	7,189	92,464	8	88,317	8
OH	2,661	2,922	1,994	2,168	31,015	6	30,766	6
OR	288	310	291	282	3,485	5	3,057	5
PA	946	1,065	1,014	761	9,634	3	7,503	3
TN	534	560	467	492	6,488	2	6,300	2
TX	795	688	828	720	8,892	5	7,087	4
UT	292	235	439	295	3,331	3	2,523	3
WI	1,028	1,022	878	839	11,809	3	12,072	3
Oth Sts ²	7,708	7,341	6,620	6,539	82,452	27	87,950	31
US	33,974	33,398	29,728	28,782	380,033	82	374,293	85
N Atl	9,472	9,089	7,879	8,097	104,035	12	97,673	13
S Atl	997	734	632	543	8,264	5	15,555	6
E N Cen	7,413	7,416	6,313	6,080	81,818	16	81,735	17
W N Cen	4,073	3,582	3,667	3,197	46,741	12	45,855	12
S Cen	2,264	2,250	2,244	1,915	26,632	12	24,051	12
West	9,755	10,327	8,993	8,950	112,543	25	109,424	25

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, 2003 and Total 2002-03¹**

State	2003							
	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	2,641	2,477	2,500	2,598	2,622	2,641	2,794	2,557
IL	3,477	2,696	3,004	3,261	3,131	3,038	3,558	3,444
IN								
IA	1,546	1,459	1,343	1,682	1,565	1,620	1,616	1,669
KY	1,174	1,109	1,133	1,283	1,314	1,108	1,314	1,570
MO	957	698	861	893	890	887	936	821
NY	4,941	5,151	5,336	5,290	5,524	6,521	5,305	5,357
OH	1,614	1,199	1,680	1,723	1,585	1,747	2,020	2,171
OR	203	234	249	281	250	245	266	259
TN	898	807	907	947	854	997	946	918
TX	1,322	1,222	1,276	1,680	1,360	1,324	1,492	1,387
UT	138	192	239	257	199	256	214	223
WI	761	726	790	832	817	773	919	772
Oth Sts ²	12,399	11,276	12,252	13,120	12,611	12,537	13,387	13,027
US	32,071	29,246	31,570	33,847	32,722	33,694	34,767	34,175
N Atl	6,369	6,526	6,622	6,855	7,099	8,277	7,206	7,057
S Atl	1,096	785	925	981	953	859	1,040	1,069
E N Cen	8,532	7,217	8,213	8,850	8,161	8,142	9,629	9,299
W N Cen	3,888	3,449	3,868	4,178	4,100	4,206	4,161	4,398
S Cen	3,721	3,418	3,648	4,287	3,834	3,732	4,159	4,304
West	8,465	7,851	8,294	8,696	8,575	8,478	8,572	8,048
	2003						2002	
	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	2,720	2,806	2,409	2,523	31,288	8	31,086	8
IL	3,447	3,194	2,057	2,861	37,168	4	32,532	4
IN							14,930	3
IA	1,668	1,521	1,486	1,323	18,498	3	18,139	3
KY	1,254	1,240	1,246	844	14,589	3	15,380	3
MO	773	698	714	623	9,751	4	10,700	4
NY	5,048	5,330	4,506	4,767	63,076	9	62,291	9
OH	1,927	2,012	1,674	1,647	20,999	8	19,600	8
OR	257	247	228	216	2,935	4	2,590	4
TN	599	798	703	803	10,177	3	10,478	3
TX	1,478	1,353	1,225	1,212	16,331	5	15,094	5
UT	200	150	206	220	2,494	1	2,360	1
WI	857	814	689	705	9,455	2	10,007	2
Oth Sts ²	12,815	12,113	11,580	11,298	148,415	30	128,975	31
US	33,043	32,276	28,723	29,042	385,176	84	374,162	88
N Atl	6,758	7,177	6,336	6,322	82,604	13	79,868	14
S Atl	1,228	1,008	934	783	11,661	3	16,831	4
E N Cen	9,335	8,834	7,096	7,920	101,228	18	95,174	19
W N Cen	4,679	3,809	3,794	3,495	48,025	12	47,309	12
S Cen	3,667	3,773	3,496	3,154	45,193	13	45,832	14
West	7,376	7,675	7,067	7,368	96,465	25	89,148	25

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, 2003 and Total 2002-03¹**

State	2003							
	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	3,335	3,076	3,218	3,386	3,224	3,386	3,541	3,312
IL	3,149	2,891	2,974	3,104	2,921	1,950	3,269	3,288
IN								
IA	1,653	1,675	1,663	1,939	1,854	1,879	1,790	1,989
KY	1,056	984	1,006	1,115	1,106	956	1,248	1,405
MO	955	711	871	909	896	881	939	790
NY	7,754	6,844	8,388	8,356	8,780	8,117	8,458	8,698
OH	2,111	1,894	2,100	2,196	2,010	2,160	2,079	2,188
OR	266	282	313	319	300	285	320	319
TN	793	731	826	825	754	850	855	835
TX	1,312	1,292	1,292	1,747	1,331	1,402	1,398	1,406
UT	868	1,001	1,692	1,916	1,472	1,717	1,444	1,444
WI	979	941	1,038	1,063	1,024	1,041	1,170	997
Oth Sts ²	11,869	11,233	12,355	12,736	12,222	11,718	13,685	13,437
US	36,100	33,555	37,736	39,611	37,894	36,342	40,196	40,108
N Atl	8,427	7,590	9,090	9,134	9,527	8,779	9,240	9,450
S Atl	2,023	1,804	1,891	1,868	1,720	1,775	1,835	2,007
E N Cen	8,902	8,344	8,926	9,428	8,564	7,771	9,652	9,456
W N Cen	4,265	3,896	4,684	4,734	4,672	4,791	4,616	4,815
S Cen	3,419	3,240	3,400	3,997	3,437	3,447	3,821	3,999
West	9,064	8,681	9,745	10,450	9,974	9,779	11,032	10,381
	2003						2002	
	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	3,414	3,715	3,097	3,188	39,892	4	41,758	6
IL	3,491	3,260	3,094	2,817	36,208	4	35,149	4
IN							11,014	3
IA	1,797	1,991	1,659	1,386	21,275	3	19,929	3
KY	1,166	1,201	1,078	727	13,048	3	12,680	3
MO	811	822	897	732	10,214	4	10,471	4
NY	8,201	6,094	6,673	7,608	93,971	10	96,094	11
OH	2,141	2,020	1,798	1,835	24,532	7	22,823	7
OR	292	294	300	290	3,580	5	3,090	5
TN	625	752	651	716	9,213	3	9,312	3
TX	1,506	1,304	1,370	1,278	16,638	5	15,366	5
UT	1,692	1,918	1,956	1,354	18,474	2	18,074	2
WI	1,070	1,034	898	884	12,139	3	12,617	2
Oth Sts ²	12,571	12,640	12,631	12,000	149,097	31	128,241	33
US	38,777	37,045	36,102	34,815	448,281	84	436,618	91
N Atl	8,983	7,014	7,372	8,311	102,917	13	104,951	17
S Atl	2,155	1,863	1,737	1,623	22,301	5	20,460	6
E N Cen	9,833	9,399	8,676	8,479	107,430	18	103,660	18
W N Cen	4,923	4,651	4,431	3,956	54,434	12	52,729	12
S Cen	3,599	3,599	3,414	2,963	42,335	13	41,491	14
West	9,284	10,519	10,472	9,483	118,864	23	113,327	24

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, 2003 and Total 2002-03**

State	2003							
	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	31,307	31,942	34,721	38,799	39,397	38,175	38,823	37,564
Oth Sts ¹	38,827	34,094	41,472	43,045	43,316	43,278	41,766	38,190
US	70,134	66,036	76,193	81,844	82,713	81,453	80,589	75,754
N Atl ²	12,583	10,969	13,302	14,165	14,229	15,584	14,149	12,813
E N Cen	15,948	13,707	16,739	14,586	14,624	10,971	11,973	10,086
W N Cen	1,694	2,056	2,479	2,924	3,230	3,240	3,456	2,926
West	32,207	32,592	35,521	39,649	40,347	39,125	39,865	38,514
	2003					2002		
	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	40,804	37,131	34,915	29,488	433,066	9	505,092	10
Oth Sts ¹	32,852	30,060	24,719	26,964	438,583	29	530,541	29
US	73,656	67,191	59,634	56,452	871,649	38	1,035,633	39
N Atl ²	10,030	9,550	7,818	10,003	145,195	9	167,464	9
E N Cen	11,274	8,934	7,784	7,616	144,242	6	169,462	6
W N Cen	2,128	1,765	1,851	1,699	29,448	3	25,030	4
West	41,754	38,081	35,815	30,338	443,808	11	516,958	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, 2003 and Total 2002-03**

State	2003							
	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	42,581	42,579	44,535	38,116	42,207	35,144	37,458	42,250
IL								
IA	1,471	1,191	1,292	1,276	1,150	1,146	1,102	1,093
NY	21,103	22,739	24,700	23,672	22,242	23,312	22,603	22,396
PA	39	57	46	56	49	50	43	53
UT	7,087	7,962	9,193	8,192	9,707	13,047	10,331	14,566
WI	6,705	7,266	7,700	6,916	6,794	6,891	6,972	6,138
Oth Sts ¹	112,797	118,070	130,702	122,717	117,891	124,962	112,345	127,602
US	191,783	199,864	218,168	200,945	200,040	204,552	190,854	214,098
N Atl	44,424	48,282	53,025	51,686	48,508	51,054	52,063	48,015
S Atl	4,299	3,811	4,528	4,675	4,789	4,055	5,078	4,596
E N Cen	61,970	66,175	70,810	64,291	60,453	66,888	54,433	68,737
W N Cen	8,527	8,898	9,338	9,139	8,972	8,845	8,438	8,942
S Cen	13,743	13,141	17,730	15,231	15,517	15,727	12,952	16,956
West	58,820	59,557	62,737	55,923	61,801	57,983	57,890	66,852
	2003						2002	
	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	47,239	39,677	35,519	32,621	479,926	20	454,483	20
IL							14,392	4
IA	1,272	1,027	819	1,008	13,847	3	12,875	3
NY	22,854	19,809	18,436	17,877	261,743	18	247,221	16
PA	120	71	56	47	687	3		
UT	13,235	11,102	8,860	8,927	122,209	4		
WI	7,119	6,467	6,011	6,481	81,460	6	71,461	5
Oth Sts ¹	130,854	113,650	104,496	111,552	1,427,638	45	1,510,150	44
US	222,693	191,803	174,197	178,513	2,387,510	99	2,310,582	92
N Atl	54,143	45,879	41,163	39,316	577,558	28	541,706	27
S Atl	4,260	4,040	3,973	3,899	52,003	3	35,230	2
E N Cen	67,747	58,651	56,122	63,503	759,780	18	816,802	16
W N Cen	9,131	8,768	6,491	7,865	103,354	9	83,403	9
S Cen	17,009	14,219	13,087	13,087	178,399	8	177,912	5
West	70,403	60,246	53,361	50,843	716,416	33	655,529	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, 2003 and Total 2002-03**

State	2003							
	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	61,730	62,608	69,558	69,456	67,483	59,693	55,994	57,109
ID	13,264	12,018	13,970	13,420	13,980	13,570	12,913	13,051
UT	136	90	97	114	136	104	70	26
WA								
Oth Sts ¹	66,169	62,497	71,805	77,007	82,284	66,625	58,938	36,874
US	141,299	137,213	155,430	159,997	163,883	139,992	127,915	107,060
Atlantic	15,048	14,636	16,612	21,528	24,149	14,586	12,980	6,760
E N Cen	4,346	4,447	4,633	4,707	4,686	4,366	3,501	2,887
W N Cen	7,432	6,429	6,595	6,868	7,028	6,838	5,528	2,341
S Cen	6,384	7,212	8,119	7,982	8,629	7,127	6,045	2,700
West	108,089	104,489	119,471	118,912	119,391	107,075	99,861	92,372
	2003						2002	
	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	50,939	57,228	60,448	66,057	738,303	10	758,985	11
ID	13,324	12,415	11,398	12,365	155,688	2	115,925	2
UT	39	129	96	134	1,171	1		
WA							191,958	2
Oth Sts ¹	32,472	37,115	38,923	63,170	693,879	34	529,071	30
US	96,774	106,887	110,865	141,726	1,589,041	47	1,595,939	45
Atlantic	2,583	6,057	6,605	16,076	157,620	9	171,276	9
E N Cen	2,563	3,818	2,515	5,845	48,314	6	52,853	5
W N Cen	2,519	3,609	5,950	6,176	67,313	6	75,320	6
S Cen	4,038	2,305	2,361	5,713	68,615	7	73,599	6
West	85,071	91,098	93,434	107,916	1,247,179	19	1,222,891	19

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, 2003 and Total 2002-03**

State	2003							
	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	214	168	175	224	196	216	205	273
ID	26			38	21	17	20	20
WA								
Oth Sts ¹	225	277	200	224	253	237	610	162
US	465	445	375	486	470	470	835	455
Atlantic	36	37	36	51	83	51	429	59
Central	99	167	114	99	126	123	114	44
West	330	241	225	336	261	296	292	352
	2003						2002	
	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	245	226	174	128	2,444	10	3,005	10
ID	22	14	29	12	219	1	442	1
WA							768	2
Oth Sts ¹	183	239	130	218	2,958	18	3,350	16
US	450	479	333	358	5,621	29	7,565	29
Atlantic	38	48	20	42	930	4	479	3
Central	89	50	38	104	1,167	11	2,668	12
West	323	381	275	212	3,524	14	4,418	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, 2003 and Total 2002-03**

State	2003							
	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	3,334	3,020	2,804	3,141	2,955	2,114	1,873	1,978
MN	1,041	725	597	483	136	170	82	72
Oth Sts ¹	2,837	2,387	2,343	2,029	1,600	585	404	390
US	7,212	6,132	5,744	5,653	4,691	2,869	2,359	2,440
	2003						2002	
	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	1,911	2,548	2,329	3,165	31,172	6	32,793	6
MN	53	354	308	976	4,997	5	1,706	3
Oth Sts ¹	445	717	755	1,559	16,051	12	20,387	13
US	2,409	3,619	3,392	5,700	52,220	23	54,886	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, 2003 and Total 2002-03**

State	2003							
	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	12,688	11,019	11,708	10,754	10,201	10,459	9,595	9,813
MN	7,588	7,151	7,874	7,686	9,995	9,383	8,845	8,584
NY	10,157	8,937	9,423	9,647	11,043	10,197	11,322	10,467
OH								
PA	8,301	7,650	8,774	9,086	9,287	8,317	7,082	6,343
UT	1,957	2,195	2,489	1,764	1,854	2,106	2,254	2,182
WA								
WI	25,289	24,526	30,874	26,759	27,154	25,533	26,623	24,989
Oth Sts ¹	20,707	19,221	20,076	19,993	21,285	19,560	20,662	19,665
US	86,687	80,699	91,218	85,689	90,819	85,555	86,383	82,043
Atlantic	18,458	16,587	18,197	18,733	20,330	18,514	18,404	16,810
Central	43,033	40,671	47,397	43,334	46,981	43,751	44,517	42,178
West	25,196	23,441	25,624	23,622	23,508	23,290	23,462	23,055
	2003						2002	
	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	10,398	10,709	11,323	11,092	129,759	9	150,881	6
MN	8,184	7,505	6,998	6,364	96,157	6	81,076	5
NY	10,112	10,031	8,829	9,264	119,429	5	119,967	5
OH							42,934	3
PA	6,672	6,696	7,016	8,578	93,802	3	96,529	3
UT	1,669	2,063	2,053	2,205	24,791	2		
WA							93,977	2
WI	24,366	25,041	22,611	24,380	308,145	10	303,604	10
Oth Sts ¹	16,451	18,840	17,356	19,393	233,209	10	152,009	6
US	77,852	80,885	76,186	81,276	1,005,292	45	1,040,977	40
Atlantic	16,784	16,727	15,845	17,842	213,231	8	216,496	8
Central	38,822	40,503	37,153	39,679	508,019	23	526,672	21
West	22,246	23,655	23,188	23,755	284,042	14	297,809	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, 2003 and Total 2002-03**

State	2003							
	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	979	1,076	1,094	566	168	58	73	212
WA								
WI	1,560	871	1,236	1,098	1,603	2,075	1,715	1,627
Oth Sts ¹	6,042	3,820	4,963	5,448	4,666	4,722	5,538	3,761
US	8,581	5,767	7,293	7,112	6,437	6,855	7,326	5,600
Atlantic	4,993	3,482	4,358	4,036	2,813	2,593	3,823	2,757
Central	2,491	1,428	1,898	1,844	2,196	2,869	2,418	1,994
West	1,097	857	1,037	1,232	1,428	1,393	1,085	849
	2003						2002	
	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	190	146	534	600	5,696	4	5,248	5
WA							1,395	2
WI	1,174	677	1,829	3,060	18,525	8	17,982	8
Oth Sts ¹	5,596	4,468	3,794	4,012	56,830	21	49,719	17
US	6,960	5,291	6,157	7,672	81,051	33	74,344	32
Atlantic	3,403	3,071	2,647	3,598	41,574	8	30,439	9
Central	2,002	1,026	2,293	3,375	25,834	15	31,468	16
West	1,555	1,194	1,217	699	13,643	10	12,437	7

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, 2003 and Total 2002-03¹**

State	2003						
	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	8,689	9,910	11,589	12,182	12,207	14,452	12,566
FL	2,635	2,639	2,605	2,695	2,264	2,794	2,577
IL	3,430	3,486	4,258	4,119	4,123	3,978	4,129
IN	8,200	9,441	8,822	7,850	6,563	8,126	8,130
MD	1,392	1,556	1,944	1,675	1,837	1,854	1,831
MI	1,662	1,676	1,381	1,424	1,538	1,561	1,496
MN	2,807	3,292	4,404	3,661	3,137	4,361	3,780
MO	1,925	1,710	1,912	5,049	1,850	1,904	1,983
NY	2,293	2,409	2,888	3,320	3,224	3,088	3,610
NC	2,360	2,149	2,414	2,626	3,188	2,964	3,039
OH	2,706	2,628	2,725	3,033	3,765	3,138	3,057
OR	818	723	941	1,247	1,274	1,478	1,570
PA	4,371	3,109	4,409	4,888	5,038	5,116	6,114
SD							
TN	1,347	1,518	1,572	1,533	1,776	1,587	1,792
TX	4,849	4,959	4,759	5,473	5,650	5,155	5,840
UT	1,451	1,202	1,242	1,264	1,563	1,478	1,215
WA							
Oth Sts ²	28,320	28,018	28,722	34,262	34,452	34,230	34,781
US	79,255	80,425	86,587	96,301	93,449	97,264	97,510
N Atl	16,273	15,571	17,551	20,234	20,001	19,194	22,329
S Atl	8,134	7,923	8,666	8,920	9,235	9,149	8,938
E N Cen	17,066	18,276	18,398	17,668	17,256	18,029	18,092
W N Cen	11,697	12,091	13,084	17,968	14,404	16,654	13,938
S Cen	9,814	9,834	10,146	10,940	11,661	11,230	12,389
West	16,271	16,730	18,742	20,571	20,892	23,008	21,824

See footnote(s) at end of table.

--continued

**Ice Cream, Regular, Total: Production by Month, State, and United States,
2003 and Total 2002-03 ¹ (continued)**

State	2003						2002
	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	12,136	11,721	10,136	9,143	7,487	132,218	130,419
FL	2,725	2,231	2,288	2,326	2,389	30,168	24,632
IL	3,887	3,248	3,014	3,076	2,846	43,594	
IN	6,943	7,752	7,166	6,785	6,206	91,984	85,430
MD	1,773	1,782	1,614	1,108	1,046	19,412	21,720
MI	1,713	1,685	546	1,370	1,360	17,412	28,885
MN	3,415	4,210	3,037	3,006	2,608	41,718	46,136
MO	1,875	2,123	1,947	1,258	1,477	25,013	22,116
NY	3,091	2,965	2,764	1,958	2,044	33,654	34,944
NC	2,838	2,873	2,217	1,682	1,826	30,176	30,507
OH	2,741	2,495	2,720	1,681	1,468	32,157	36,559
OR	1,514	1,275	1,143	835	1,196	14,014	12,197
PA	4,923	4,403	4,548	3,559	3,938	54,416	49,698
SD							48
TN	1,821	1,634	1,324	1,086	894	17,884	17,475
TX	5,116	5,107	4,630	4,582	4,582	60,702	61,878
UT	1,936	1,758	1,723	1,564	1,886	18,282	15,478
WA							14,930
Oth Sts ²	30,225	26,745	28,629	22,794	21,067	352,245	371,940
US	88,672	84,007	79,446	67,813	64,320	1,015,049	1,004,992
N Atl	18,505	16,574	17,567	13,126	13,180	210,105	202,983
S Atl	8,817	8,517	7,460	6,169	6,541	98,469	98,598
E N Cen	16,370	16,233	14,560	13,685	12,625	198,258	201,164
W N Cen	13,394	13,121	12,819	11,360	10,106	160,636	165,026
S Cen	11,462	10,553	9,588	8,662	8,408	124,687	124,727
West	20,124	19,009	17,452	14,811	13,460	222,894	212,494

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, 2003 and Total 2002-03**

State	2003							
	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	7,872	9,093	10,697	11,236	11,250	13,324	11,491	11,212
FL	2,311	2,315	2,285	2,360	1,985	2,474	2,249	2,393
IL	2,932	3,001	3,640	3,528	3,498	3,347	3,484	3,309
IN	7,754	8,934	8,330	7,424	6,192	7,685	7,689	6,567
MD	1,265	1,400	1,740	1,507	1,656	1,671	1,654	1,596
MA	5,439	5,731	5,212	6,845	6,007	5,723	7,168	5,982
MI	1,544	1,555	1,274	1,309	1,413	1,429	1,368	1,572
MN	2,634	3,104	4,172	3,434	2,940	4,108	3,539	3,200
MO	1,661	1,486	1,660	4,733	1,586	1,625	1,694	1,605
NY	2,029	2,145	2,539	2,934	2,814	2,682	3,122	2,701
NC	1,575	1,233	1,367	1,449	1,880	1,656	1,731	1,530
OH	2,621	2,540	2,636	2,928	3,643	3,038	2,952	2,648
OR	773	685	891	1,182	1,207	1,399	1,488	1,435
PA	3,577	2,535	3,584	3,980	4,077	4,134	4,923	3,973
SD								
TN	1,316	1,480	1,535	1,497	1,732	1,549	1,745	1,780
TX	4,100	4,200	4,000	4,600	4,700	4,300	4,900	4,300
UT	1,426	1,181	1,220	1,241	1,534	1,451	1,192	1,900
WA								
Oth Sts ¹	18,966	18,203	18,934	22,180	22,786	23,103	22,118	19,679
US	69,795	70,821	75,716	84,367	80,900	84,698	84,507	77,382
N Atl	13,379	12,726	13,940	16,250	15,968	15,324	18,084	15,060
S Atl	6,766	6,365	6,928	7,074	7,263	7,129	6,884	6,814
E N Cen	15,698	16,847	16,825	16,152	15,719	16,431	16,451	14,909
W N Cen	10,342	10,749	11,662	16,177	12,582	14,702	12,224	11,841
S Cen	8,955	8,956	9,262	9,938	10,572	10,237	11,301	10,505
West	14,655	15,178	17,099	18,776	18,796	20,875	19,563	18,253

See footnote(s) at end of table.

--continued

**Ice Cream, Regular, Hard: Production by Month, State, and United States,
2003 and Total 2002-03 (continued)**

State	2003						2002	
	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	10,786	9,276	8,369	6,864	121,470	25	124,972	23
FL	1,955	1,997	2,032	2,087	26,443	28	21,017	33
IL	2,489	2,595	2,651	2,474	36,948	13	28,619	13
IN	7,331	6,775	6,419	5,870	86,970	13	81,084	13
MD	1,599	1,462	1,000	936	17,486	7	20,842	8
MA	5,159	6,350	3,991	3,779	67,386	14	67,675	15
MI	1,550	505	1,263	1,256	16,038	13	20,965	15
MN	3,986	2,854	2,838	2,471	39,280	4	43,712	4
MO	1,825	1,683	1,087	1,263	21,908	8	15,663	8
NY	2,612	2,463	1,739	1,813	29,593	40	28,623	43
NC	1,696	1,170	766	1,041	17,094	8	18,306	8
OH	2,412	2,631	1,623	1,403	31,075	23	33,398	24
OR	1,210	1,083	791	1,135	13,279	8	11,553	9
PA	3,589	3,734	2,912	2,957	43,975	30	42,912	30
SD							31	3
TN	1,594	1,291	1,061	873	17,453	4	16,861	4
TX	4,300	3,900	3,900	3,900	51,100	10	52,300	10
UT	1,726	1,691	1,535	1,852	17,949	10	14,720	9
WA							14,183	5
Oth Sts ¹	17,579	18,301	15,553	14,117	231,519	117	215,052	110
US	73,398	69,761	59,530	56,091	886,966	375	872,488	387
N Atl	13,605	14,756	10,796	10,483	170,371	119	169,728	123
S Atl	6,628	5,835	4,726	5,236	77,648	51	77,963	58
E N Cen	14,595	13,362	12,547	11,572	181,108	85	174,003	88
W N Cen	11,678	11,282	10,104	8,922	142,265	23	140,465	23
S Cen	9,616	8,737	7,878	7,628	113,585	32	111,477	31
West	17,276	15,789	13,479	12,250	201,989	65	198,852	64

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, 2003 and Total 2002-03¹**

State	2003							
	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	1,697	1,563	1,507	1,971	2,079	2,323	2,283	
FL	865	914	1,036	1,167	1,204	1,221	1,246	
IL	1,087	1,118	1,717	1,806	2,011	2,176	2,388	
IN	3,106	2,338	3,107	2,513	2,538	3,235	2,556	
MD ³	944	975	1,171	1,183	1,255	1,312	1,287	
MO	1,367	1,577	1,430	2,286	1,906	1,831	2,153	
MT	71	75	114	152	153	199	213	
NY	344	370	398	359	493	553	591	
PA	1,028	903	1,198	1,423	1,421	1,728	1,578	
TN	356	353	502	677	644	747	929	
TX	1,845	1,868	2,260	2,386	2,616	2,595	2,703	
UT	340	365	423	375	410	492	432	
Oth Sts ⁴	10,494	11,853	14,755	15,951	17,804	18,490	20,424	
US	23,544	24,272	29,618	32,249	34,534	36,902	38,783	
N Atl	2,917	2,819	4,168	3,731	4,290	4,707	4,446	
S Atl	3,120	3,663	4,156	4,388	4,674	4,889	4,939	
E N Cen	6,204	5,553	8,013	8,150	8,946	10,026	9,437	
W N Cen	3,491	4,107	4,322	5,488	5,485	5,477	5,581	
S Cen	3,771	4,038	4,853	5,536	5,976	6,080	6,371	
West	4,041	4,092	4,106	4,956	5,163	5,723	8,009	
	2003						2002	
	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	2,041	2,160	1,771	1,530	1,451	22,376	22,336	
FL	1,063	1,028	1,127	980	954	12,805	11,953	
IL	1,997	1,566	1,565	1,290	1,228	19,949		
IN	2,335	3,147	2,758	2,255	2,453	32,341	34,321	
MD ³	1,229	1,121	1,092	705	631	12,905		
MO	1,994	1,247	1,914	921	1,444	20,070	16,474	
MT	163	114	112	81	61	1,508	1,430	
NY	578	396	462	338	369	5,251	5,877	
OH							19,709	
PA	1,701	1,140	700	538	503	13,861	16,239	
TN	820	567	506	384	313	6,798	5,875	
TX	2,444	2,352	2,186	1,858	1,974	27,087		
UT	500	395	390	383	367	4,872	4,575	
WA							6,763	
Oth Sts ⁴	16,639	13,131	12,830	10,022	10,718	173,111	192,986	
US	33,504	28,364	27,413	21,285	22,466	352,934	338,538	
N Atl	4,284	3,259	2,820	2,225	2,696	42,362	39,491	
S Atl	4,393	4,158	3,859	2,948	3,004	48,191	44,014	
E N Cen	8,384	7,618	7,329	5,803	5,991	91,454	96,263	
W N Cen	5,714	3,839	4,509	3,315	3,759	55,087	46,622	
S Cen	5,800	4,977	4,601	3,686	3,795	59,484	59,395	
West	4,929	4,513	4,295	3,308	3,221	56,356	52,753	

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, 2003 and Total 2002-03

State	2003							
	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	512	428	439	469	510	603	479	438
FL	105	98	109	184	165	148	130	91
IL	114	126	174	153	174	156	185	124
IN	2,679	1,934	2,550	2,013	2,026	2,627	2,021	1,863
MD	403	387	482	486	487	528	488	445
MO	862	1,008	854	1,425	1,148	1,057	1,254	1,204
MT	11	12	10	12	9	17	17	16
NY	94	116	110	90	141	163	172	161
NC	61	37	53	62	77	73	79	57
PA	194	139	93	189	187	259	180	291
TN	73	64	94	122	105	115	194	188
TX	662	666	725	741	786	728	761	688
UT	155	180	190	164	175	207	162	230
WA								
Oth Sts ¹	2,285	2,520	2,892	3,018	3,442	3,114	5,135	2,881
US	8,210	7,715	8,775	9,128	9,432	9,795	11,257	8,677
N Atl	781	658	953	843	1,122	1,137	1,059	1,065
S Atl	707	716	796	893	928	902	874	774
E N Cen	3,267	2,453	3,327	2,842	2,966	3,352	2,722	2,430
W N Cen	1,405	1,766	1,624	2,247	2,183	2,020	2,049	2,173
S Cen	902	895	976	1,053	1,085	1,032	1,143	1,068
West	1,148	1,227	1,099	1,250	1,148	1,352	3,410	1,167
	2003						2002	
	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	591	402	412	399	5,682	14	6,922	13
FL	145	155	153	150	1,633	11	1,916	14
IL	97	96	96	89	1,584	7	1,605	7
IN	2,618	2,326	1,914	2,083	26,654	9	27,497	11
MD	455	434	251	224	5,070	3		
MO	686	1,219	534	923	12,174	7	7,033	7
MT	10	9	10	5	138	3	122	3
NY	93	125	88	111	1,464	7	1,969	8
NC	93	64	11	115	782	5	1,174	5
PA	165	171	138	103	2,109	17	2,579	16
TN	131	109	90	68	1,353	4	1,091	4
TX	762	688	675	717	8,599	5	8,699	5
UT	184	171	198	180	2,196	8		
WA							2,234	5
Oth Sts ¹	2,253	2,382	1,977	1,936	33,835	77	39,823	85
US	8,283	8,351	6,547	7,103	103,273	177	102,664	183
N Atl	727	887	635	758	10,625	36	11,677	35
S Atl	870	790	506	611	9,367	26	8,133	30
E N Cen	3,119	2,837	2,277	2,395	33,987	41	35,144	45
W N Cen	1,329	1,984	1,307	1,565	21,652	15	16,028	15
S Cen	1,076	967	887	938	12,022	19	13,314	19
West	1,162	886	935	836	15,620	40	18,368	39

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, 2003 and Total 2002-03**

State	2003							
	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	1,185	1,135	1,068	1,502	1,569	1,720	1,804	
FL	760	816	927	983	1,039	1,073	1,116	
IL	973	992	1,543	1,653	1,837	2,020	2,203	
IN	427	404	557	500	512	608	535	
MO	505	569	576	861	758	774	899	
MT	60	63	104	140	144	182	196	
NY	250	254	288	269	352	390	419	
PA	834	764	1,105	1,234	1,234	1,469	1,398	
TN	283	289	408	555	539	632	735	
TX	1,183	1,202	1,535	1,645	1,830	1,867	1,942	
UT	185	185	233	211	235	285	270	
WA								
Oth Sts ¹	8,689	9,884	12,499	13,568	15,053	16,087	16,009	
US	15,334	16,557	20,843	23,121	25,102	27,107	27,526	
N Atl	2,136	2,161	3,215	2,888	3,168	3,570	3,387	
S Atl	2,413	2,947	3,360	3,495	3,746	3,987	4,065	
E N Cen	2,937	3,100	4,686	5,308	5,980	6,674	6,715	
W N Cen	2,086	2,341	2,698	3,241	3,302	3,457	3,532	
S Cen	2,869	3,143	3,877	4,483	4,891	5,048	5,228	
West	2,893	2,865	3,007	3,706	4,015	4,371	4,599	
	2003						2002	
	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	1,603	1,569	1,369	1,118	1,052	16,694	15,414	
FL	972	883	972	827	804	11,172	10,037	
IL	1,873	1,469	1,469	1,194	1,139	18,365		
IN	472	529	432	341	370	5,687	6,824	
MO	790	561	695	387	521	7,896		
MT	147	104	103	71	56	1,370	1,308	
NY	417	303	337	250	258	3,787	3,908	
PA	1,410	975	529	400	400	11,752	13,660	
TN	632	436	397	294	245	5,445	4,784	
TX	1,756	1,590	1,498	1,183	1,257	18,488		
UT	270	211	219	185	187	2,676		
WA							4,529	
Oth Sts ¹	14,485	11,451	11,042	8,488	9,074	146,329	175,410	
US	24,827	20,081	19,062	14,738	15,363	249,661	235,874	
N Atl	3,219	2,532	1,933	1,590	1,938	31,737	27,814	
S Atl	3,619	3,288	3,069	2,442	2,393	38,824	35,881	
E N Cen	5,954	4,499	4,492	3,526	3,596	57,467	61,119	
W N Cen	3,541	2,510	2,525	2,008	2,194	33,435	30,594	
S Cen	4,732	3,901	3,634	2,799	2,857	47,462	46,081	
West	3,762	3,351	3,409	2,373	2,385	40,736	34,385	

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, 2003 and Total 2002-03**

State	2003							
	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	82	64	86	57	112	86	61	71
TN	53	24	66	81	60	65	72	47
Oth Sts ¹	445	533	456	497	638	749	704	589
US	580	621	608	635	810	900	837	707
N Atl	116	105	109	194	194	213	228	196
S Atl	4	7	11	7	12	25	22	16
Central	432	473	463	426	520	617	538	457
West	28	36	25	8	84	45	49	38
	2003						2002	
	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	6	24	13	40	702	5	1,055	4
TN	72	81	58	42	721	2	613	2
Oth Sts ¹	549	455	368	519	6,502	31	6,992	27
US	627	560	439	601	7,925	38	8,660	33
N Atl	189	160	123	167	1,994	14	1,473	10
S Atl	10	9	5	10	138	3	91	3
Central	410	371	302	407	5,416	18	6,457	17
West	18	20	9	17	377	3	639	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,
2003 and Total 2002-03 ¹**

State	2003						
	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	368	537	778	728	717	879	701
FL	73	83	89	100	78	95	112
IN	364	620	468	412	351	452	535
MO	127	101	180	206	202	179	144
NY	202	181	243	211	221	256	258
NC	129	130	128	161	131	39	186
OH	251	155	178	247	217	268	204
PA	134	81	113	144	142	129	144
TN	68	50	121	92	97	91	88
TX	101	124	143	129	126	156	119
UT	61	82	95	88	101	77	113
WA							
Oth Sts ²	2,488	2,449	2,429	2,857	3,006	3,362	2,778
US	4,366	4,593	4,965	5,375	5,389	5,983	5,382
N Atl	602	445	487	624	675	641	595
S Atl	359	401	448	447	379	324	473
E N Cen	947	1,055	955	1,032	899	1,094	984
W N Cen	1,172	1,224	1,266	1,489	1,482	1,817	1,387
S Cen	396	400	486	463	542	490	504
West	890	1,068	1,323	1,320	1,412	1,617	1,439

See footnote(s) at end of table.

--continued

**Sherbet, Total: Production by Month, State, and United States,
2003 and Total 2002-03 ¹ (continued)**

State	2003						2002
	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	594	483	555	291	208	6,839	7,929
FL	74	79	66	77	75	1,001	990
IN	286	381	383	292	257	4,801	2,810
MO	100	139	126	93	74	1,671	1,394
NY	190	198	178	122	138	2,398	2,794
NC	154	171	142	90	97	1,558	1,629
OH	210	181	163	78	104	2,256	3,779
PA	132	116	101	85	67	1,388	2,067
TN	86	92	103	50	45	983	1,020
TX	120	109	56	127	122	1,432	1,752
UT	97	82	96	113	106	1,111	1,329
WA							710
Oth Sts ²	2,804	2,496	1,960	1,970	2,151	30,750	28,795
US	4,847	4,527	3,929	3,388	3,444	56,188	56,998
N Atl	562	583	426	421	394	6,455	7,160
S Atl	451	381	288	308	313	4,572	5,028
E N Cen	754	896	694	603	694	10,607	9,864
W N Cen	1,204	1,157	946	979	1,060	15,183	15,156
S Cen	470	408	400	354	356	5,269	5,209
West	1,406	1,102	1,175	723	627	14,102	14,581

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,
2003 and Total 2002-03**

State	2003						
	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	364	530	769	719	708	869	693
IN	364	620	468	412	351	452	535
MA	80	112	33	75	99	85	74
MO							
NY	190	171	229	199	209	242	244
NC	126	127	125	157	127	35	182
OH	234	144	166	231	202	250	191
PA	134	81	113	144	142	129	144
TN	68	50	121	92	97	91	88
TX	99	124	143	129	126	156	119
UT	56	75	88	81	93	71	104
WA							
Oth Sts ¹	2,271	2,277	2,428	2,772	2,904	3,202	2,679
US	3,986	4,311	4,683	5,011	5,058	5,582	5,053
N Atl	478	428	469	552	654	619	574
S Atl	343	382	427	424	359	298	446
E N Cen	929	1,044	943	1,016	884	1,076	971
W N Cen	1,037	1,067	1,108	1,306	1,299	1,588	1,207
S Cen	391	400	485	461	540	488	502
West	808	990	1,251	1,252	1,322	1,513	1,353

See footnote(s) at end of table.

--continued

**Sherbet, Hard: Production by Month, State, and United States,
2003 and Total 2002-03 (continued)**

State	2003						2002
	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	586	477	548	287	206	6,756	7,831
IN	286	381	383	292	257	4,801	2,810
MA	122	122	76	83	80	1,041	1,210
MO							1,359
NY	179	187	168	115	130	2,263	2,734
NC	150	167	139	87	94	1,516	1,599
OH	196	168	153	73	97	2,105	3,616
PA	132	116	101	85	67	1,388	2,067
TN	86	92	103	50	45	983	1,018
TX	120	109	56	127	122	1,430	1,752
UT	88	73	89	103	98	1,019	1,316
WA							585
Oth Sts ¹	2,607	2,363	1,881	1,867	2,013	29,264	25,621
US	4,552	4,255	3,697	3,169	3,209	52,566	53,518
N Atl	543	564	411	408	381	6,081	7,018
S Atl	431	359	273	290	295	4,327	4,869
E N Cen	740	883	684	598	687	10,455	9,563
W N Cen	1,055	1,014	825	860	924	13,290	13,140
S Cen	468	406	398	352	354	5,245	5,176
West	1,315	1,029	1,106	661	568	13,168	13,752

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,
2003 and Total 2002-03 ¹**

State	2003							
	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	215	234	265	220	283	211	221	164
FL	112	130	165	232	298	301	327	260
NY	274	255	266	367	383	435	421	369
OH	526	522	597	509	244	401	344	213
PA								
TN	78	79	93	110	127	100	70	110
TX	313	330	347	363	392	381	352	325
UT	44	56	61	44	41	35	26	16
Oth Sts ²	3,354	10,061	4,079	4,629	4,730	4,904	4,668	3,646
US	4,916	11,667	5,873	6,474	6,498	6,768	6,429	5,103
N Atl	615	696	748	733	920	1,060	785	811
S Atl	309	489	704	803	742	825	794	613
E N Cen	753	658	860	758	564	607	540	401
W N Cen	1,534	1,596	1,587	1,963	2,029	2,141	2,051	1,418
S Cen	426	452	505	552	597	588	545	513
West	1,279	7,776	1,469	1,665	1,646	1,547	1,714	1,347
	2003					2002		
	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	190	202	170	127	2,502	9	3,557	9
FL	222	184	136	155	2,522	19		
NY	238	206	125	131	3,470	24	4,236	25
OH	200	146	68	100	3,870	4	5,968	5
PA							5,476	7
TN	106	92	79	54	1,098	3	694	3
TX	334	291	293	311	4,032	5	4,059	5
UT	54	2	55	3	437	3		
Oth Sts ²	2,920	2,711	2,016	1,892	49,610	62	43,572	72
US	4,264	3,834	2,942	2,773	67,541	132	67,562	130
N Atl	564	378	550	353	8,213	44	11,110	45
S Atl	645	546	399	384	7,253	27	9,139	27
E N Cen	363	310	165	210	6,189	17	8,612	16
W N Cen	1,074	1,029	599	836	17,857	5	17,814	4
S Cen	484	420	405	379	5,866	16	5,765	15
West	1,134	1,151	824	611	22,163	23	15,122	23

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, 2003 and Total 2002-03

State	2003							
	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	257	243	275	301	315	343	304	
IL								
MI								
NY	29	40	40	45	66	43	42	
NC	47	59	59	80	42	33	58	
OH								
PA	102	106	93	146	209	160	166	
TN	31	37	54	49	29	45	35	
UT	23	30	31	32	25	38	42	
Oth Sts ¹	2,504	2,809	2,904	3,108	3,449	3,138	3,135	
US	2,993	3,324	3,456	3,761	4,135	3,800	3,782	
N Atl	622	759	923	795	1,246	1,072	929	
S Atl	187	190	202	227	190	164	211	
E N Cen	364	421	414	494	481	408	516	
W N Cen	560	632	524	763	631	581	579	
S Cen	758	841	855	875	886	839	883	
West	502	481	538	607	701	736	664	
	2003							2002
	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	271	269	245	220	173	3,216	3,525	
IL							805	
MI							582	
NY	61	31	40	23	16	476	498	
NC	66	81	81	43	45	694	750	
OH							2,091	
PA	141	169	156	102	175	1,725	1,784	
TN	43	41	23	27	10	424	434	
UT	27	32	17	35	20	352	540	
Oth Sts ¹	3,043	2,864	2,483	2,283	2,209	33,929	32,476	
US	3,652	3,487	3,045	2,733	2,648	40,816	43,485	
N Atl	947	845	694	639	744	10,215	10,499	
S Atl	222	288	234	179	181	2,475	3,142	
E N Cen	437	465	345	313	286	4,944	5,762	
W N Cen	555	520	465	407	367	6,584	7,340	
S Cen	898	814	772	776	733	9,930	9,949	
West	593	555	535	419	337	6,668	6,793	

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, 2003 and Total 2002-03**

State	2003							
	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	5,004	5,047	5,501	5,788	5,845	6,940	6,628	5,666
FL	1,332	1,334	1,316	1,360	1,155	1,315	1,349	1,368
IL	1,826	1,759	2,263	2,160	2,286	2,296	2,346	2,107
IN	3,789	4,258	4,133	3,604	3,134	3,738	3,743	3,182
MD	714	868	1,142	935	1,016	1,027	996	988
MA	2,973	3,144	2,858	3,738	3,286	3,360	4,012	3,368
MI	797	820	726	781	848	890	864	962
MN	1,704	1,848	2,272	2,225	1,935	2,464	2,354	2,111
MO	918	776	876	1,120	920	976	1,006	938
NY	1,296	1,302	1,720	1,914	2,020	2,012	2,421	1,937
NC	1,478	1,224	1,430	1,550	1,596	1,536	1,550	1,426
OH	1,279	1,309	1,332	1,570	1,845	1,482	1,566	1,395
OR	449	385	504	658	675	794	826	795
PA	1,951	1,431	2,049	2,249	2,369	2,432	2,910	2,352
TN	667	808	779	769	925	798	972	874
TX	2,367	2,389	2,374	2,743	2,975	2,698	2,947	2,573
UT	664	557	583	618	762	716	606	981
WA								
WI	638	656	772	801	848	852	929	783
Oth Sts ¹	11,006	10,868	11,844	13,221	14,246	14,311	13,689	12,006
US	40,852	40,783	44,474	47,804	48,686	50,637	51,714	45,812
N Atl	8,135	7,935	9,234	10,433	10,522	10,383	11,895	9,769
S Atl	4,366	4,197	4,714	4,751	4,722	4,652	4,630	4,497
E N Cen	8,329	8,802	9,226	8,916	8,961	9,258	9,448	8,429
W N Cen	6,416	6,487	7,043	8,508	8,130	9,222	7,983	7,416
S Cen	4,889	5,024	5,142	5,575	6,071	5,737	6,283	5,779
West	8,717	8,338	9,115	9,621	10,280	11,385	11,475	9,922

See footnote(s) at end of table.

--continued

**Ice Cream Mix, Regular: Production by Month, State, and United States,
2003 and Total 2002-03 (continued)**

State	2003						2002	
	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	5,752	5,292	4,721	3,834	66,018	28	64,671	28
FL	1,138	1,201	1,203	1,232	15,303	11	12,365	10
IL	2,783	1,517	1,545	1,363	24,251	11	22,274	11
IN	3,550	3,300	3,111	2,841	42,383	9	40,060	10
MD	1,020	848	607	612	10,773	4		
MA	2,824	3,489	2,227	2,165	37,444	13	34,866	13
MI	917	277	723	707	9,312	14	15,555	14
MN	2,204	1,783	1,654	1,341	23,895	5	25,170	5
MO	1,056	918	592	744	10,840	6	8,701	6
NY	1,742	1,488	1,082	1,147	20,081	16	20,206	16
NC	1,634	1,447	1,049	1,139	17,059	7	17,265	7
OH	1,247	1,321	871	967	16,184	11	17,183	14
OR	660	599	441	612	7,398	8	6,408	9
PA	2,025	2,013	1,611	2,431	25,823	26	24,887	26
TN	849	698	538	437	9,114	5	8,633	5
TX	2,527	2,306	2,149	2,134	30,182	15	30,278	16
UT	850	864	773	932	8,906	11	7,561	10
WA							7,740	6
WI	689	741	527	507	8,743	12	8,404	12
Oth Sts ¹	10,594	10,742	9,101	8,534	140,162	82	140,964	86
US	44,061	40,844	34,525	33,679	523,871	294	513,191	304
N Atl	8,514	8,645	6,554	7,377	109,396	75	106,385	75
S Atl	4,576	4,139	3,378	3,595	52,217	29	49,566	32
E N Cen	9,186	7,156	6,777	6,385	100,873	57	103,476	61
W N Cen	7,067	6,943	6,053	5,452	86,720	22	86,807	23
S Cen	5,307	4,950	4,293	4,119	63,169	35	61,120	37
West	9,411	9,011	7,470	6,751	111,496	76	105,837	76

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,
2003 and Total 2002-03 ¹**

State	2003							
	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	920	876	831	1,160	1,209	1,331	1,386	1,235
IL	867	881	1,375	1,467	1,627	1,799	1,938	1,668
IN	1,304	1,242	1,697	1,523	1,573	1,861	1,634	1,441
KY								
MD	316	347	404	412	453	459	469	460
MA	185	103	279	224	226	304	342	286
MO	714	805	824	1,208	1,080	1,099	1,273	1,125
MT	42	44	73	98	101	128	139	103
NY	177	178	202	190	247	274	300	293
OH	351	300	564	652	756	672	641	616
OK	32	46	27	43	50	45	45	48
OR	162	171	171	222	265	301	325	241
PA	416	377	550	611	612	739	697	699
TN	88	89	127	173	167	197	231	197
TX	1,620	1,642	2,106	2,259	2,522	2,558	2,697	2,422
UT	157	158	198	180	201	240	229	231
WA								
Oth Sts ²	6,342	6,613	8,247	8,906	9,482	10,338	10,284	9,474
US	13,693	13,872	17,675	19,328	20,571	22,345	22,630	20,539
N Atl	1,440	1,457	2,211	1,932	2,203	2,440	2,296	2,171
S Atl	1,792	1,421	1,645	1,726	1,849	1,995	2,058	1,790
E N Cen	3,232	3,299	4,834	5,145	5,666	6,385	6,283	5,575
W N Cen	2,394	2,683	3,062	3,757	3,669	3,862	3,939	3,972
S Cen	2,743	2,856	3,672	4,014	4,331	4,459	4,760	4,202
West	2,092	2,156	2,251	2,754	2,853	3,204	3,294	2,829

See footnote(s) at end of table.

--continued

**Ice Cream Mix, Lowfat: Production by Month, State, and United States,
2003 and Total 2002-03 ¹ (continued)**

State	2003					2002		
	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	1,216	1,059	871	812	12,906	18	12,509	18
IL	1,302	1,308	1,062	1,015	16,309	9	15,483	10
IN	1,614	1,322	1,043	1,134	17,388	9	18,304	10
KY							2,606	4
MD	391	389	268	240	4,608	3	3,860	4
MA	204	202	119	212	2,686	8	2,435	7
MO	802	993	553	745	11,221	7	9,236	7
MT	73	72	50	39	962	5	922	5
NY	214	237	175	181	2,668	10	3,044	10
OH	330	373	252	268	5,775	12	9,790	13
OK	30	37	26	35	464	4	541	4
OR	199	186	122	135	2,500	8	2,623	9
PA	483	264	196	199	5,843	20	6,871	19
TN	135	123	91	77	1,695	5	1,780	7
TX	2,191	2,071	1,635	1,724	25,447	9	24,973	9
UT	179	187	157	160	2,277	9	2,292	8
WA							2,747	6
Oth Sts ²	7,486	7,219	6,032	6,412	96,835	103	83,576	91
US	16,849	16,042	12,652	13,388	209,584	239	203,592	241
N Atl	1,727	1,375	1,129	1,418	21,799	49	24,036	46
S Atl	1,557	1,505	1,141	1,172	19,651	24	17,513	25
E N Cen	4,628	4,390	3,451	3,562	56,450	48	53,331	51
W N Cen	2,810	2,875	2,333	2,549	37,905	21	34,138	20
S Cen	3,632	3,494	2,796	2,877	43,836	35	45,232	37
West	2,495	2,403	1,802	1,810	29,943	62	29,342	62

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, 2003 and Total 2002-03**

State	2003							
	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	234	351	494	457	458	535	444	404
IL								
IN	221	374	276	229	200	267	319	175
MA	71	65	22	53	62	56	60	63
MO								
NY	131	111	156	138	130	158	171	120
NC	71	76	73	85	74	30	107	93
OH	168	100	107	147	134	162	118	126
PA	87	53	73	94	96	85	94	89
TN	47	45	77	64	65	61	58	57
TX	65	81	91	83	83	89	78	78
UT	37	50	55	52	58	44	65	69
WA								
Oth Sts ¹	1,654	1,785	1,870	2,164	2,258	2,544	2,146	1,906
US	2,786	3,091	3,294	3,566	3,618	4,031	3,660	3,180
N Atl	343	275	317	377	430	408	403	344
S Atl	217	243	285	276	235	227	304	289
E N Cen	605	667	606	612	564	681	589	472
W N Cen	816	961	953	1,174	1,153	1,420	1,138	873
S Cen	251	269	308	297	349	300	317	297
West	554	676	825	830	887	995	909	905

See footnote(s) at end of table.

--continued

**Sherbet Mix: Production by Month, State, and United States,
2003 and Total 2002-03 (continued)**

State	2003						2002	
	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	318	369	188	114	4,366	19	4,980	19
IL							1,066	4
IN	232	240	178	159	2,870	6	1,632	6
MA	77	51	58	50	688	9	830	8
MO							797	6
NY	124	111	78	86	1,514	9	1,834	10
NC	99	76	53	52	889	7	973	7
OH	116	89	46	63	1,376	9	2,215	11
PA	77	64	53	50	915	16	1,350	15
TN	68	75	33	32	682	4	692	4
TX	70	34	81	79	912	5	1,107	5
UT	65	56	75	63	689	9	860	8
WA							445	4
Oth Sts ¹	1,789	1,490	1,379	1,582	22,567	85	18,448	74
US	3,035	2,655	2,222	2,330	37,468	178	37,229	181
N Atl	372	270	275	258	4,072	43	4,746	43
S Atl	247	171	199	201	2,894	21	3,094	22
E N Cen	569	435	379	436	6,615	31	6,118	33
W N Cen	853	775	677	849	11,642	14	10,952	14
S Cen	280	259	226	226	3,379	20	3,332	20
West	714	745	466	360	8,866	49	8,987	49

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, 1999-03**

State	1999	2000	2001	2002	2003
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	9	8	8	7	7
AK	4	2	2	2	2
AZ	5	5	3	3	3
AR	4	4	4	4	4
CA	113	108	121	117	121
CO	12	10	10	9	9
CT	15	25	25	23	23
DE	2	2	2	2	2
FL	36	44	52	48	46
GA	6	5	4	4	4
HI	3	3	3	3	3
ID	18	16	18	20	20
IL	55	46	44	40	40
IN	25	24	24	23	23
IA	26	25	31	31	26
KS	5	4	4	3	3
KY	17	16	18	17	19
LA	6	6	6	6	6
ME	10	12	12	12	12
MD ¹	14	13	13	13	11
MA	22	25	24	24	23
MI	37	38	36	35	33
MN	44	40	40	42	41
MS	4	4	4	4	4
MO	20	19	19	19	19
MT	7	7	7	7	7
NE	10	10	10	10	10
NV	4	3	2	2	2
NH	5	6	6	5	5
NJ	14	13	12	12	12
NM	6	7	6	6	6
NY	121	113	120	119	116
NC	13	12	12	10	10
ND	6	6	6	6	4
OH	60	56	56	54	50
OK	7	6	7	7	7
OR	20	19	20	20	18
PA	71	67	66	61	58
RI	4	5	5	5	5
SC	5	4	4	4	4
SD	12	12	11	11	11
TN	11	11	11	11	10
TX	27	26	25	28	28
UT	21	21	20	18	18
VT	16	19	19	17	17
VA	9	9	7	7	5
WA	19	18	16	15	15
WV	3	3	3	3	3
WI	207	205	200	199	200
WY	2	2	1	1	1
US	1,192	1,164	1,179	1,149	1,126
N Atl	278	285	289	278	271
S Atl	88	92	97	91	85
E N Cen	384	369	360	351	346
W N Cen	123	116	121	122	114
S Cen	85	81	83	84	85
West	234	221	229	223	225

¹ Includes District of Columbia.

Supply and Utilization of Milk: United States, 2002

Product	Product Pounds	Butterfat	Solids Nonfat
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
<u>SUPPLY</u>			
Milk Production	170,063	6,270	14,826
Net Imports of Ingredients	315	12	27
Net Change in Storage Cream	0	0	0
Total Supply	170,378	6,281	14,854
<u>UTILIZATION</u>			
Total Butter ¹	1,355	1,099	14
Cheese			
American	3,691	1,213	1,108
Other	4,856	1,140	1,182
Net Cheese ²		2,351	2,025
Total Whey Products ³	2,262	18	2,057
Canned Milk			
Evaporated and Condensed Whole and Skim	593	50	371
Bulk Milk			
Condensed Whole Sweetened	77	7	49
Condensed Whole Unsweetened	56	4	10
Other Condensed Skim and Condensed or			
Evaporated Buttermilk	1,170	7	349
Total Evaporated and Condensed	1,840	64	770

See footnote(s) at end of table.

--continued

Special Note

In order to better serve the dairy industry, new tables calculating the butterfat and solids nonfat supply and utilization have been created. These new tables were developed cooperatively among USDA agencies with additional input from dairy trade associations.

The butterfat, solids nonfat estimates published in these tables are a result of calculations applied to the product pounds estimates. The butterfat and solids nonfat equivalence table will replace the U.S. Supply and Utilization of Milk table (page 67) beginning with the *Dairy Product 2004 Summary* report to be published in April 2005. The format change to butterfat and solids nonfat will result in the elimination of State level whole milk and skim milk product equivalence tables in the Summary publication (pages 70-75). Further product details are provided in the footnotes at the end of table.

Supply and Utilization of Milk: United States, 2002

Product	Product Pounds	Butterfat	Solids Nonfat
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
Dry Whole Milk	47	13	34
Nonfat Dry Milk	1,596	13	1,534
Dry Buttermilk	55	3	50
Total Dry Products	1,698	29	1,617
Total Yogurt ⁴	2,311	57	258
Total Sour Cream ⁵			
Cottage Cheese			
Creamed	374	17	62
Low-Fat	374	6	66
Total Cottage Cheese		22	128
Ice Cream and Other Frozen Dairy Products			
Ice Cream,			
Regular, Total	4,522	543	452
Lowfat, Total	1,523	91	168
Nonfat, Total	95	2	13
Sherbet, Total	342	7	7
Frozen Yogurt	425	7	38
Other Frozen Dairy Products	39	2	3
Net Frozen Products ²		574	413
Fluid Milk ⁶	55,262	1,120	4,963
Half and Half	1,140	126	90
Light and Heavy Cream	720	235	40
Net Fluid Products ²		1,481	5,305
Other Unpublished Dairy Products ⁷	86	34	28
Other Food Products ⁸	1,424	48	123
Used Where Produced			
Fed to Calves	959	35	84
Consumed on Farms	160	6	14
Total Used By Producers	1,119	41	98
Residual ⁹		463	2,018
Residual as a Percent of Supply		7.4	13.6

¹ Including whey cream butter.

² Adjustment made for duplication the use of dairy products in the manufacturing process of other dairy products.

³ Excluding whey cream butter.

⁴ Excludes frozen yogurt.

⁵ Sour cream data not available.

⁶ Total sales in U.S. (Source: USDA-AMS)

⁷ Includes anhydrous milkfat, butter oil, butterine, and other products.

⁸ Food products other than dairy (Source: USDA-ERS)

⁹ Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions. Includes plant and shipping losses.

Supply and Utilization of Milk: United States, 2003

Product	Product Pounds	Butterfat	Solids Nonfat
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
<u>SUPPLY</u>			
Milk Production	170,312	6,279	14,875
Net Imports of Ingredients	268	10	23
Net Change in Storage Cream	0	0	0
Total Supply	170,580	6,289	14,899
<u>UTILIZATION</u>			
Total Butter ¹	1,242	1,008	12
Cheese			
American	3,670	1,205	1,101
Other	4,928	1,158	1,206
Net Cheese ²		2,362	2,042
Total Whey Products ³	2,253	17	2,041
Canned Milk			
Evaporated and Condensed Whole and Skim	595	50	374
Bulk Milk			
Condensed Whole Sweetened	76	7	49
Condensed Whole Unsweetened	75	6	14
Other Condensed Skim and Condensed or			
Evaporated Buttermilk	1,011	8	300
Total Evaporated and Condensed	1,682	65	723

See footnote(s) at end of table.

--continued

Supply and Utilization of Milk: United States, 2003

Product	Product Pounds	Butterfat	Solids Nonfat
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
Dry Whole Milk	39	10	27
Nonfat Dry Milk	1,589	13	1,527
Dry Buttermilk	52	3	48
Total Dry Products	1,680	26	1,602
Total Yogurt ⁴	2,388	58	266
Total Sour Cream	957	201	37
Cottage Cheese			
Creamed	385	17	64
Low-Fat	380	6	67
Total Cottage Cheese		23	131
Ice Cream and Other Frozen Dairy Products			
Ice Cream,			
Regular, Total	4,568	548	457
Lowfat, Total	1,588	95	175
Nonfat, Total	94	2	13
Sherbet, Total	337	7	7
Frozen Yogurt	408	7	37
Other Frozen Dairy Products	36	2	3
Net Frozen Products ²		583	423
Fluid Milk ⁵	54,981	1,114	4,933
Half and Half ⁹	1,140	126	90
Light and Heavy Cream ⁹	720	235	40
Net Fluid Products ²		1,475	5,276
Other Unpublished Dairy Products ⁶	83	44	23
Other Food Products ⁷	1,549	57	134
Used Where Produced			
Fed to Calves	963	36	84
Consumed on Farms	151	6	13
Total Used By Producers	1,114	41	97
Residual ⁸		330	2,091
Residual as a Percent of Supply		5.2	14.0

¹ Including whey cream butter.

² Adjustment made for duplication, use of dairy products in the manufacture of other dairy products.

³ Excluding whey cream butter.

⁴ Excludes frozen yogurt.

⁵ Total sales in U.S. (Source: USDA-AMS)

⁶ Includes anhydrous milkfat, butter oil, butterine, and other products.

⁷ Food products other than dairy (Source: USDA-ERS)

⁸ Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions. Includes plant and shipping losses.

⁹ Previous year data used when current data not yet available.

Supply and Utilization of Milk: United States, 2001-2003 ¹

Item	2001	2002	2003
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
SUPPLY			
Milk Production	165,497	170,063	170,312
Net Imports of Ingredients (M.E.) ²	688	315	268
Net Change in Storage Cream (M.E.) ³			
Total Supply	166,185	170,378	170,580
UTILIZATION			
Used in Manufactured Products (M.E.)			
Creamery Butter	27,557	30,256	27,843
Butter from Whey Cream	5,612	5,754	5,824
Net Milk Equivalent ⁴	21,945	24,503	22,019
Cheese			
American	35,373	36,740	36,694
Other	26,431	27,439	28,007
Canned Milk			
Evaporated, Sweetened Condensed	991	1,259	1,272
Bulk Condensed Whole Milk, Unsweetened	170	135	182
Bulk Condensed Whole Milk, Sweetened	163	178	177
Dry Whole Milk	303	348	284
Ice Cream and Other Frozen Dairy Products	16,628	16,778	17,105
Butter and Condensed Milk, Used in Ice Cream	2,220	2,316	2,354
Net Milk Equivalent ⁴	14,408	14,462	14,751
Other Manufactured Products ⁵	701	708	725
Total Manufactured Products ⁴	100,484	105,771	104,111
Total Available for Fluid Products ⁶	55,105	55,262	54,981
Used Where Produced			
Fed to Calves	1,039	959	963
Consumed on Farms	173	160	151
Total Used by Producers ⁴	1,212	1,119	1,114
Residual ⁷	9,384	8,226	10,374
Total Utilization ⁴	166,185	170,378	170,580

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, 1984-03**

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>
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	164,284	61
1992	148,993	62	2002	168,944	63
1993	148,891	61	2003	169,198	62

**Net Whole Milk Equivalents Used in Manufactured Dairy Products:
Total and Percentage by Major Products, United States, 1992-03**

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>
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	100,484	25.4	57.1	1.5	15.4	0.6	100.0
2002	105,771	26.6	56.4	1.7	14.7	0.6	100.0
2003	104,111	24.8	57.6	1.7	15.2	0.7	100.0

**Skim Milk Equivalents: Selected Skim-Milk and Buttermilk Products,
United States, 1992-03**

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>
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	2,729	3,174	17,639	831	24,372
2003	2,802	2,684	17,541	750	23,777

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, 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	7,823,847	4,707,236			
ID		4,877,182				
IL			832,493			
IA		1,422,219				
MN		5,682,550				
NY	637,003	927,739	3,694,877			
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	7,901,957			
US ³	30,256,379	36,739,672	27,438,852	1,258,933	135,301	178,309
N Atl	3,337,650	1,534,782	6,454,798	300,844	64,338	
S Atl	487,581	23,726	204,528		13,656	
E N Cen	8,600,944	8,959,467	10,433,111	99,305	43,712	137,146
W N Cen	2,529,984	8,033,456	2,505,493	165,136		
S Cen	2,800,965	508,916	190,177	54,254	13,595	39,727
West	12,499,255	17,679,325	7,650,745	639,394		

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 ²	Other Milk Product ³	Total ⁴	Duplications	Net Total ⁵
	<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	2,044,986	74,905	23,885,472	1,426,993	22,458,479
FL		431,717	2,670	434,387	135,455	298,932
ID		66,143	8,457	5,789,109	454,089	5,335,020
IL				1,570,301	186,399	1,383,902
IN				1,611,065	175,101	1,435,964
IA				3,775,023	260,444	3,514,579
MD ⁶				792,850	136,123	656,727
MA				1,974,770	304,647	1,670,123
MI		476,851	25,442	1,471,471	141,014	1,330,457
MN		650,804	31,983	7,989,788	475,874	7,513,914
MO		414,076	18,370	1,582,418	14,357	1,568,061
NE				1,232,641	82,280	1,150,361
NY		571,335	126,240	6,210,219	569,773	5,640,446
NC		469,945	11,123	506,164	222,946	283,218
OH		680,615	40,695	2,957,537	281,883	2,675,654
OR		207,793		1,789,698	89,888	1,699,810
PA		811,213	20,216	5,061,213	223,451	4,837,762
TN		283,634	16,339	1,120,378	35,541	1,084,837
TX		1,031,514	22,135	3,239,514	82,708	3,156,806
WA		263,951	32,180	4,252,725	129,039	4,123,686
WI		208,525	43,270	24,338,704	1,424,782	22,913,922
US ⁷	347,938	16,777,750	707,892	113,841,026	8,069,546	105,771,480
N Atl		3,243,404	152,575	15,222,111	1,250,360	13,971,751
S Atl		1,725,744	29,356	2,484,591	614,932	1,869,659
E N Cen	94,075	3,394,686	186,632	31,949,078	2,209,179	29,739,899
W N Cen		2,744,410	98,254	16,078,556	961,755	15,116,801
S Cen		2,142,691	69,326	5,819,733	280,553	5,539,180
West		3,526,815	171,749	42,286,957	2,752,767	39,534,190

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 Excludes frozen yogurt.

³ Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

⁴ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

⁵ 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.

⁶ Includes District of Columbia.

⁷ States do not add to U.S. total; includes milk equivalent for States not shown separately.

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2003 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	8,191,798	7,901,831	5,163,869			
ID		4,904,619				
IA		1,297,424				
MN		5,856,979				
NY	559,290	885,306	3,705,984			
OH		336,196				
OR		1,009,218				
PA	1,371,340		2,177,292			
SD		801,201	323,556			
UT	979,136					
WI	6,867,446	8,195,054	8,302,581			
US ³	27,842,627	36,694,139	28,006,774	1,271,867	182,117	177,026
N Atl	2,785,094	1,507,538	6,468,086	258,471	71,967	
S Atl	364,338	23,263	198,219			
E N Cen	7,673,083	8,653,454	10,883,137	106,711	63,637	129,422
W N Cen	2,270,581	8,048,160	1,808,969	152,022		
S Cen	2,671,903	524,740	302,710	63,025	18,033	45,888
West	12,077,628	17,936,984	8,345,653	691,638		

See footnote(s) at end of table.

--continued

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 2003 ¹**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ²	Other Milk Product ³	Total ⁴	Duplications	Net Total ⁵
	<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	86,839	2,078,229	75,559	24,166,272	1,511,481	22,654,791
FL		530,140		530,393	171,034	359,359
ID		55,042	9,164	6,030,608	478,356	5,552,252
IL				1,626,301	204,017	1,422,284
IN				1,604,298	187,156	1,417,142
IA				3,164,531	210,424	2,954,107
MD ⁶		345,147		659,147	123,195	535,952
MA		1,118,043		1,975,550	320,088	1,655,462
MI		392,541	30,221	1,375,884	122,245	1,253,639
MN		610,108	36,301	7,984,920	489,680	7,495,240
MO		482,022	17,213	1,562,200	16,347	1,545,853
NE				1,033,645	56,187	977,458
NY		547,650	129,945	6,048,694	554,337	5,494,357
NC		478,411		511,208	220,520	290,688
OH		569,629	42,122	2,749,141	288,013	2,461,128
OR		243,306		1,866,623	97,599	1,769,024
PA		851,475	22,386	4,643,361	218,832	4,424,529
TN		296,740	16,110	966,804	36,386	930,418
TX		1,028,825	24,918	3,380,819	82,022	3,298,797
UT				2,020,306	182,315	1,837,991
WA				4,121,477	128,396	3,993,081
WI		209,194	36,776	23,748,765	1,441,210	22,307,555
US ⁷	283,801	17,105,261	724,749	112,288,361	8,177,833	104,110,528
N Atl		3,337,743	159,684	14,698,476	1,248,679	13,449,797
S Atl		1,769,429	18,965	2,402,667	612,850	1,789,817
E N Cen	85,993	3,320,286	188,666	31,104,389	2,242,641	28,861,748
W N Cen		2,782,360	103,281	15,166,475	896,357	14,270,118
S Cen		2,158,567	70,403	5,855,324	282,744	5,572,580
West		3,736,876	183,750	43,061,030	2,894,562	40,166,468

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 Excludes frozen yogurt.

³ Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

⁴ Milk equivalent of other dairy products, including items produced by fewer than 3 plants.

⁵ 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.

⁶ Includes District of Columbia.

⁷ States do not add to U.S. total; includes milk equivalent for States not shown separately.

**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	260,988		1,515,276	360,723	8,381,890		10,552,819
FL							31,725
ID					1,280,037		1,314,562
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	600,588						1,095,492
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	78,856						440,014
US ³	2,728,865	67,035	3,106,899	603,746	17,638,544	226,857	24,371,946
N Atl	655,944		502,392	91,993	1,504,041	25,620	2,779,990
S Atl	127,875		156,345	110	385,264		669,594
E N Cen	647,875	41,688	508,386	54,560	587,026	52,005	1,891,540
W N Cen	329,556		75,090	18,766	832,722		1,264,480
S Cen	259,319	23,418	313,812	69,729	829,092	108,873	1,604,243
West	708,296			368,588	13,500,399	32,013	16,162,099

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, 2003 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							870,221
CA	249,325		1,299,198	342,892	8,148,217		10,072,041
FL							70,856
ID					1,714,977		1,750,208
IL	226,300						226,300
IN							368,885
IA	132,969						612,011
KY	81,550						109,464
LA							89,707
MD ²							399,583
MI							576,265
MN				54,967			251,198
MO	63,838						108,319
NY	587,319						1,006,866
NC							24,538
OH	153,325						167,511
OK							37,195
OR	22,375						231,052
PA							1,024,943
SD							206,156
TN	57,581						119,022
TX	103,988						967,190
WI	75,869						411,780
US	2,801,761	68,688	2,614,947	574,420	17,541,282	175,749	23,776,847
N Atl	643,231		435,585	72,864	1,412,609	24,297	2,598,798
S Atl	139,382		184,419		331,441		655,242
Atl	782,613		620,004	72,864	1,744,050	24,297	3,254,040
E N Cen	671,438	34,410	432,726	30,228	537,218	44,721	1,750,741
W N Cen	340,215		88,344	54,967	742,456		1,233,791
N Cen	1,011,653	34,410	521,070	85,195	1,279,674	52,530	2,984,532
S Cen	264,594	21,717	142,449	65,131	759,825	68,862	1,322,578
Central	1,276,247	56,127	663,519	150,326	2,039,499	121,392	4,307,110
West	742,901				13,757,733	30,060	16,215,697

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 1,126 manufacturers that made one or more products in 2003. 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

Contact Information: For information on *Dairy Products* call Kevin Pautler at (202) 720-9168, office hours 7:30 a.m. to 4:00 p.m. ET.

Index

Page

All Other Types of Cheese: Production by Month, State, and United States, 2003 and Total 2002-2003	31
Calculated Quantities in Specified Products, Whole Milk Basis by State and United States	
Skim Milk Equivalents, 2002	74
Skim Milk Equivalents, 2003	75
Whole Milk Equivalents, 2002	70 - 71
Whole Milk Equivalents, 2003	72 - 73
Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks, and Selling Prices, by Month, United States, 2002, Revised	14
Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks, and Selling Prices, by Month, United States, 2003	15
Cheese Production Charts	17
Dairy Plants: Number Manufacturing One or More Dairy Products by State and United States, 1999-2003	62
Frozen Products: Production by Month, United States, 2002, Revised	8
Frozen Products: Production by Month, United States, 2003	9
Italian Cheese: Production, United States, 2002-2003	29
Italian Cheese: Production by Type, Region, and United States, 2002-2003	29
Manufacturers' Whey Stocks and Selling Prices: Production by Month, United States, 2002, Revised	12
United States, 2003	13
Milk Marketing and Utilization for Manufactured Dairy Products: United States, 1984-2003	68
Miscellaneous Italian Cheese: Production by State, United States, 2002-2003	29
Net Whole Milk Equivalents Used in Manufactured Dairy Products: Total and Percentage by Major Products, United States, 1992-2003	69
Skim Milk Equivalents: Selected Skim-Milk and Buttermilk Products, United States, 1992-2003	69
Total and Percentage by Major Products, United States, 1992-2003	69
Procedures and Reliability, and Revisions Policy	76
Processed Cheeses and Combinations: Production, United States, 1994-2003	30

---continued

Index (continued)

	Page
Production by Month, State, and United States, 2003 and Total 2002-2003:	
Butter	32
Brick Cheese	24
Cheddar Cheese	22
Cottage Cheese Curd	35
Creamed Cottage Cheese	34
Dry Skim Milk for Animal Feed	39
Dry Buttermilk	39
Dry Whey, Human Food	40
Dry Whey, Animal Feed	41
Frozen Yogurt Mix	55
Hispanic Cheese	25
Ice Cream, Lowfat, Total	46
Ice Cream, Lowfat, Hard	47
Ice Cream, Lowfat, Soft	48
Ice Cream, Regular, Hard	44 - 45
Ice Cream, Regular, Total	42 - 43
Ice Cream Mix, Lowfat	58 - 59
Ice Cream Mix, Regular	56 - 57
Italian Cheese	26
Lowfat Cottage Cheese	33
Mozzarella Cheese	27
Muenster Cheese	25
Nonfat Dry Milk for Human Food	38
Other American Varieties of Cheese	23
Other Frozen Dairy Products	49
Other Italian Cheese	28
Sherbet, Hard	52 - 53
Sherbet, Total	50 - 51
Sherbet Mix	60 - 61
Swiss Cheese	24
Total American Type Cheese	20 - 21
Total Cheese, Excluding Cottage Cheese	18 - 19
Unsweetened Condensed Skim Milk, Bulk	36
Water and Juice Ices	54
Yogurt, Plain and Flavored	37
Specified Products: Production by Month, United States., 2002, Revised	2 - 4
Specified Products: Production by Month, United States, 2003,	5 - 7
Summary	1
Supply and Utilization of Milk: United States, Butterfat and Solids Nonfat, 2002,	63-64
Supply and Utilization of Milk: United States, Butterfat and Solids Nonfat, 2003,	65-66
Supply and Utilization of Milk: United States, 2001-2003	67
U.S. Geographical Regions	16
Whey and Modified Whey Products: Production by Month,	
United States, 2002, Revised	10
United States, 2003	11

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.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C., 20250-9410, or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

ACCESS TO REPORTS!!

For your convenience, there are several ways to obtain NASS reports, data products, and services:

INTERNET ACCESS

All NASS reports are available free of charge on the worldwide Internet. For access, connect to the Internet and go to the NASS Home Page at: www.usda.gov/nass/. Select "Today's Reports" or Publications and then Reports Calendar or Publications and then Search, by Title or Subject.

E-MAIL SUBSCRIPTION

All NASS reports are available by subscription free of charge direct to your e-mail address. Starting with the NASS Home Page at www.usda.gov/nass/, click on **Publications**, then click on the **Subscribe by E-mail** button which takes you to the page describing e-mail delivery of reports. Finally, click on **Go to the Subscription Page** and follow the instructions.

PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 800-999-6779 (U.S. and Canada)
Other areas, please call 703-605-6220 FAX: 703-605-6900
(Visa, MasterCard, check, or money order acceptable for payment.)

ASSISTANCE

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at **800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.
