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Statistics
Service



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Dairy Products 1999 Summary

April 2000

USDA



1999 Highlights

Total cheese production, excluding cottage cheeses, was 7.94 billion pounds, 6.0 percent above 1998 production. Wisconsin was the leading State with 27.1 percent of the production.

American type cheese production was 3.58 billion pounds, 7.9 percent above 1998 and accounted for 45.0 percent of total cheese in 1999.

Italian varieties, with 3.14 billion pounds were 4.6 percent above 1998 production. Mozzarella accounted for 80.2 percent of the Italian production followed by Ricotta with 8.0 percent and Provolone with 7.1 percent. Wisconsin was the leading State in Italian cheese production with 27.5 percent of the production.

Butter production in the United States during 1999 totaled 1.28 billion pounds, 9.2 percent above 1998. California accounted for 26.9 percent of the production, followed by Wisconsin with 22.8 percent and Washington with 9.3 percent.

Cottage cheese: (1999 U.S. production, comparisons with 1998)

Creamed --- 362 million pounds, down 1.4 percent.

Lowfat --- 360 million pounds, down 0.3 percent.

Curd --- 465 million pounds, down 0.1 percent.

Frozen dessert: (1999 U.S. production, comparisons with 1998)

Ice cream, Regular (total) --- 954 million gallons, up 2.0 percent.

Ice cream, Lowfat (total) --- 394 million gallons, down 3.2 percent.

Ice cream, Nonfat (total) --- 39.9 million gallons, down 6.9 percent.

Frozen Yogurt (total) --- 94.7 million gallons, down 2.6 percent.

Sherbet (total) --- 54.9 million gallons, up 0.6 percent.

Dry milk products: (1999 U.S. production, comparisons with 1998)

Nonfat dry milk for human food --- 1.38 billion pounds, up 21.4 percent.

Dry whole milk --- 118 million pounds, down 17.2 percent.

Dry buttermilk --- 53.8 million pounds, up 7.5 percent.

**Specified Products: Production by Month,
United States, 1998, 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	86	123,030	110,475	113,372	113,311
Cheese					
American Types					
Cheddar	179	229,699	207,458	227,217	229,670
Other American ¹	122	54,217	54,281	57,120	56,046
Total American	202	283,916	261,739	284,337	285,716
Swiss	42	18,801	17,111	17,894	18,170
Muenster	39	8,345	7,271	8,245	8,041
Brick	22	591	416	641	544
Limburger	1	87	57	80	58
Italian Varieties					
Mozzarella	124	187,567	180,741	205,320	198,390
Other Italian	96	56,594	48,401	56,601	55,329
Total Italian	152	244,161	229,142	261,921	253,719
Cream & Neufchatel	31	43,565	41,122	53,073	49,785
Blue ²					
Hispanic	25	5,875	5,844	7,029	6,802
All Other Types	108	11,904	11,590	13,527	14,107
Total Cheese ³	398	617,245	574,292	646,747	636,942
Cottage Cheese					
Curd ⁴	114	36,813	36,268	40,682	39,486
Creamed ⁵	107	29,110	28,299	31,774	30,366
Lowfat ⁶	102	28,613	28,122	31,322	30,762
Canned Milk					
Evaporated and Cond. Whole ⁷	8	40,300	31,424	36,198	31,255
Evaporated Skim	3	800	1,112	1,898	1,561
Bulk Condensed Milk					
Whole					
Sweetened	6	8,432	7,244	7,553	6,466
Unsweetened	13	8,268	7,544	8,267	7,525
Skim					
Sweetened	6	3,188	2,267	3,041	2,621
Unsweetened	46	75,750	74,658	94,731	94,016
Condensed or Evaporated					
Buttermilk	6	3,932	2,521	2,860	2,309
Dry Milk					
Dry Whole Milk	15	12,792	10,156	11,797	11,235
Nonfat Dry Milk, Human	48	104,796	98,435	106,702	119,740
Dry Skim Milk, Animal	29	338	441	435	418
Dry Buttermilk	28	6,739	5,131	4,808	4,805
Yogurt Plain & Fruit Flavored	90	130,565	136,649	164,019	132,886

See footnotes at end of table.

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**Specified Products: Production by Month,
United States, 1998, 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	98,669	76,573	70,168	70,781	74,687
Cheese					
American Types					
Cheddar	240,942	225,549	217,470	204,375	189,528
Other American ¹	55,275	60,018	57,995	54,640	55,390
Total American	296,217	285,567	275,465	259,015	244,918
Swiss	18,547	18,307	18,573	17,680	16,397
Muenster	8,748	8,725	7,559	7,077	6,895
Brick	568	706	558	639	756
Limburger	112	50	65	89	39
Italian Varieties					
Mozzarella	206,566	198,516	192,727	190,817	186,275
Other Italian	52,610	53,560	48,728	50,270	48,433
Total Italian	259,176	252,076	241,455	241,087	234,708
Cream & Neufchatel	47,041	54,283	43,540	50,494	58,540
Blue ²					
Hispanic	6,096	5,962	6,715	5,917	6,291
All Other Types	13,922	14,205	13,995	14,388	15,277
Total Cheese ³	650,427	639,881	607,925	596,386	583,821
Cottage Cheese					
Curd ⁴	38,549	40,624	41,247	40,151	41,018
Creamed ⁵	30,484	31,405	34,197	32,138	31,842
Lowfat ⁶	29,880	31,669	32,367	30,179	32,896
Canned Milk					
Evaporated and Cond. Whole ⁷	39,355	47,315	38,502	38,009	31,888
Evaporated Skim	2,406	1,492	2,499	3,322	3,421
Bulk Condensed Milk					
Whole					
Sweetened	6,514	6,807	8,697	6,856	6,415
Unsweetened	7,676	7,852	9,206	9,211	7,721
Skim					
Sweetened	3,728	4,062	4,126	4,055	3,686
Unsweetened	94,628	99,516	96,547	92,160	88,147
Condensed or Evaporated					
Buttermilk	2,168	2,262	1,760	2,076	1,969
Dry Milk					
Dry Whole Milk	11,994	14,140	11,911	12,673	11,391
Nonfat Dry Milk, Human	119,730	99,418	85,661	78,842	62,306
Dry Skim Milk, Animal	374	437	348	305	321
Dry Buttermilk	4,876	3,133	2,976	2,429	2,521
Yogurt Plain & Fruit Flavored	137,326	152,438	124,615	132,897	152,282

See footnotes at end of table.

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**Specified Products: Production by Month,
United States, 1998, Revised (continued)**

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>
Butter	98,460	101,019	117,438	1,167,983
Cheese				
American Types				
Cheddar	205,462	215,071	241,005	2,633,446
Other American ¹	61,405	55,492	59,327	681,206
Total American	266,867	270,563	300,332	3,314,652
Swiss	15,188	14,130	15,610	206,408
Muenster	8,547	8,006	7,156	94,615
Brick	673	577	909	7,578
Limburger	49	104	75	865
Italian Varieties				
Mozzarella	200,578	207,499	211,168	2,366,164
Other Italian	55,637	55,891	56,497	638,551
Total Italian	256,215	263,390	267,665	3,004,715
Cream & Neufchatel	63,243	60,795	55,854	621,335
Blue ²				
Hispanic	6,518	6,550	6,394	75,993
All Other Types	15,873	13,732	13,438	165,958
Total Cheese ³	633,173	637,847	667,433	7,492,119
Cottage Cheese				
Curd ⁴	39,135	36,230	35,556	465,759
Creamed ⁵	30,438	28,004	28,704	366,761
Lowfat ⁶	30,248	28,058	27,130	361,246
Canned Milk				
Evaporated and Cond. Whole ⁷	43,805	47,420	36,049	461,520
Evaporated Skim	3,635	4,668	1,887	28,701
Bulk Condensed Milk				
Whole				
Sweetened	6,411	5,225	3,146	79,766
Unsweetened	6,073	5,246	6,627	91,216
Skim				
Sweetened	3,246	2,535	1,255	37,810
Unsweetened	82,006	80,894	80,709	1,053,762
Condensed or Evaporated				
Buttermilk	2,186	2,540	3,188	29,771
Dry Milk				
Dry Whole Milk	13,888	10,839	9,707	142,523
Nonfat Dry Milk, Human	75,039	73,851	110,863	1,135,383
Dry Skim Milk, Animal	281	270	362	4,330
Dry Buttermilk	3,620	3,860	5,195	50,093
Yogurt Plain & Fruit Flavored	133,084	118,184	124,047	1,638,992

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, 1999**

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	83	129,016	119,384	125,357	114,321
Cheese					
American Types					
Cheddar	178	236,284	216,974	254,183	255,100
Other American ¹	121	57,003	58,870	63,548	61,383
Total American	197	293,287	275,844	317,731	316,483
Swiss	38	18,786	17,364	18,498	18,837
Muenster	39	6,392	6,754	7,167	6,670
Brick	20	770	658	562	590
Limburger	1	48	39	101	41
Italian Varieties					
Mozzarella	126	196,882	186,524	221,945	209,947
Other Italian	95	51,095	45,859	54,731	48,660
Total Italian	153	247,977	232,383	276,676	258,607
Cream & Neufchatel	32	46,678	40,984	53,366	46,660
Blue ²					
Hispanic	22	6,163	6,378	7,946	7,122
All Other Types	118	13,936	12,284	15,399	14,660
Total Cheese ³	376	634,037	592,688	697,446	669,670
Cottage Cheese					
Curd ⁴	103	35,522	34,790	41,135	39,465
Creamed ⁵	94	27,065	27,624	31,646	31,182
Lowfat ⁶	92	27,712	28,160	34,090	29,694
Canned Milk					
Evaporated and Cond. Whole ⁷	7	29,137	28,517	36,149	39,910
Evaporated Skim	3	1,090	1,489	1,599	1,500
Bulk Condensed Milk					
Whole					
Sweetened	6	5,349	5,496	7,094	7,222
Unsweetened	14	7,007	6,837	8,691	7,919
Skim					
Sweetened	6	2,292	1,723	2,912	3,283
Unsweetened	43	88,135	90,944	106,962	116,746
Condensed or Evaporated					
Buttermilk	6	2,891	2,246	2,431	2,795
Dry Milk					
Dry Whole Milk	17	10,897	10,270	9,504	8,916
Nonfat Dry Milk, Human	47	120,545	115,827	128,778	133,388
Dry Skim Milk, Animal	29	395	308	454	390
Dry Buttermilk	23	6,242	5,670	5,657	5,050
Yogurt Plain & Fruit Flavored	86	136,801	140,564	164,253	142,970

See footnotes at end of table.

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**Specified Products: Production by Month,
United States, 1999 (continued)**

Products	May	Jun	Jul	Aug	Sep
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Butter	110,894	94,593	84,804	78,242	92,056
Cheese					
American Types					
Cheddar	251,037	231,429	232,586	226,150	219,998
Other American ¹	61,451	62,596	66,790	66,967	61,076
Total American	312,488	294,025	299,376	293,117	281,074
Swiss	19,209	19,539	17,561	17,919	17,764
Muenster	6,983	6,663	6,350	6,084	6,509
Brick	572	592	605	788	705
Limburger	59	51	51	51	51
Italian Varieties					
Mozzarella	210,678	212,572	210,061	206,074	204,774
Other Italian	52,916	54,604	44,851	47,165	48,443
Total Italian	263,594	267,176	254,912	253,239	253,217
Cream & Neufchatel	49,219	57,940	48,619	53,581	58,431
Blue ²					
Hispanic	7,225	7,473	7,066	7,335	7,930
All Other Types	15,653	15,989	15,271	16,348	15,590
Total Cheese ³	675,002	669,448	649,811	648,462	641,271
Cottage Cheese					
Curd ⁴	39,810	40,349	40,491	39,649	39,999
Creamed ⁵	31,205	31,175	31,896	32,065	31,588
Lowfat ⁶	29,994	32,274	31,910	31,850	31,772
Canned Milk					
Evaporated and Cond. Whole ⁷	44,148	43,290	38,244	42,787	36,340
Evaporated Skim	1,305	2,264	2,302	3,484	3,868
Bulk Condensed Milk					
Whole					
Sweetened	5,973	6,865	7,258	6,595	6,501
Unsweetened	8,274	7,827	7,834	9,310	8,154
Skim					
Sweetened	3,858	4,268	3,823	4,244	3,800
Unsweetened	119,204	110,612	101,786	99,066	84,501
Condensed or Evaporated					
Buttermilk	2,712	3,136	2,450	2,389	1,385
Dry Milk					
Dry Whole Milk	11,518	9,648	8,957	10,477	8,503
Nonfat Dry Milk, Human	136,717	118,626	99,276	95,764	95,473
Dry Skim Milk, Animal	452	531	414	330	392
Dry Buttermilk	4,735	3,604	2,865	3,035	3,526
Yogurt Plain & Fruit Flavored	147,398	152,614	136,430	151,150	158,500

See footnotes at end of table.

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**Specified Products: Production by Month,
United States, 1999 (continued)**

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>
Butter	103,097	103,506	119,772	1,275,042
Cheese				
American Types				
Cheddar	233,513	218,471	241,142	2,816,867
Other American ¹	61,789	69,631	68,577	759,681
Total American	295,302	288,102	309,719	3,576,548
Swiss	18,362	17,716	18,911	220,466
Muenster	6,544	7,129	6,856	80,101
Brick	699	830	752	8,123
Limburger	51	51	51	645
Italian Varieties				
Mozzarella	206,589	226,116	226,670	2,518,832
Other Italian	56,426	59,931	59,134	623,815
Total Italian	263,015	286,047	285,804	3,142,647
Cream & Neufchatel	64,939	65,357	61,154	646,928
Blue ²				
Hispanic	7,476	7,298	7,116	86,528
All Other Types	15,544	15,920	15,452	182,046
Total Cheese ³	671,932	688,450	705,815	7,944,032
Cottage Cheese				
Curd ⁴	37,005	42,194	35,060	465,469
Creamed ⁵	29,973	28,972	27,190	361,581
Lowfat ⁶	29,327	27,041	26,516	360,340
Canned Milk				
Evaporated and Cond. Whole ⁷	43,818	47,861	39,820	470,021
Evaporated Skim	3,798	3,836	1,247	27,782
Bulk Condensed Milk				
Whole				
Sweetened	6,843	4,825	4,083	74,104
Unsweetened	6,377	5,632	5,432	89,294
Skim				
Sweetened	2,653	2,712	1,942	37,510
Unsweetened	78,539	79,351	88,490	1,164,336
Condensed or Evaporated				
Buttermilk	1,401	1,151	1,437	26,424
Dry Milk				
Dry Whole Milk	9,963	10,244	9,094	117,991
Nonfat Dry Milk, Human	105,269	102,432	126,095	1,378,190
Dry Skim Milk, Animal	333	385	433	4,817
Dry Buttermilk	4,557	4,204	4,690	53,835
Yogurt Plain & Fruit Flavored	139,229	127,879	148,393	1,746,181

¹ Includes Colby, Monterey, and Jack.

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

³ Excluding cottage cheese.

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

⁵ Fat content 4.0 percent or more.

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

⁷ Combined to avoid disclosing individual plant operations.

**Frozen Products: Production by Month,
United States, 1998, 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		65,732	72,461	84,376	87,970	87,155	96,307
Regular, Hard	453	60,779	67,236	78,355	81,500	80,676	89,052
Lowfat, Total ¹		24,696	27,277	34,450	37,202	40,985	44,790
Lowfat, Soft		17,988	19,924	25,045	28,011	31,939	34,290
Lowfat, Hard	232	6,708	7,353	9,405	9,191	9,046	10,500
Nonfat, Total		3,399	3,383	4,008	3,852	3,984	4,365
Nonfat, Hard	115	3,151	3,065	3,675	3,470	3,496	3,875
Sherbet, Total		3,742	3,901	4,818	4,903	5,156	5,801
Hard	281	3,489	3,676	4,540	4,615	4,857	5,481
Yogurt, Total		6,720	7,514	9,419	9,088	8,602	9,074
Regular & Lowfat, Hard	173	1,934	2,562	2,801	2,712	2,725	2,749
Nonfat, Hard	106	1,920	1,666	2,248	2,262	1,925	2,317
Other Frozen							
Dairy Products ²	48	1,176	1,107	1,288	1,429	1,168	1,413
Water and Juice Ices ²	165	5,077	5,524	6,620	6,941	8,621	8,875
Mix for Products							
Ice Cream, Regular	356	34,259	37,207	43,225	45,473	45,483	50,040
Ice Cream, Lowfat ³	309	13,149	14,516	18,489	20,444	23,127	24,941
Ice Cream, Nonfat	115	1,839	1,774	2,191	2,089	2,233	2,312
Sherbet	234	2,503	2,581	3,151	3,319	3,422	3,898
Yogurt		4,200	4,696	5,887	5,680	5,376	5,671
	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	93,877	83,364	78,684	70,343	55,519	59,292	935,080
Regular, Hard	86,776	77,139	72,886	64,913	51,466	55,504	866,282
Lowfat, Total ¹	44,196	39,455	34,332	28,984	24,601	25,711	406,679
Lowfat, Soft	34,418	30,529	25,571	21,289	17,886	18,748	305,638
Lowfat, Hard	9,778	8,926	8,761	7,695	6,715	6,963	101,041
Nonfat, Total	3,987	3,748	3,431	3,224	2,757	2,664	42,802
Nonfat, Hard	3,563	3,373	3,131	2,918	2,490	2,380	38,587
Sherbet, Total	5,835	5,351	4,355	3,798	3,336	3,596	54,592
Hard	5,496	5,037	4,092	3,569	3,127	3,379	51,358
Yogurt, Total	9,299	8,342	9,248	7,286	6,374	6,280	97,246
Regular & Lowfat, Hard	2,883	2,772	2,806	2,664	2,024	2,353	30,985
Nonfat, Hard	2,432	2,135	1,900	1,733	1,417	1,267	23,222
Other Frozen							
Dairy Products ²	1,504	1,016	1,436	1,388	1,014	811	14,749
Water and Juice Ices ²	8,736	7,211	4,906	4,655	3,192	2,737	73,095
Mix for Products							
Ice Cream, Regular	49,607	43,437	40,299	36,283	28,963	29,877	484,153
Ice Cream, Lowfat ³	24,878	22,530	19,481	16,255	13,993	14,563	226,366
Ice Cream, Nonfat	2,227	2,086	1,878	1,755	1,469	1,403	23,256
Sherbet	4,039	3,521	2,867	2,532	2,213	2,343	36,389
Yogurt	5,812	5,214	5,780	4,554	3,984	3,925	60,779

¹ Includes freezer-made milkshake.

² Plant count does not include counter-freezers.

³ Includes milkshake mix.

**Frozen Products: Production by Month,
United States, 1999**

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		66,001	70,958	84,679	85,329	85,204	99,600
Regular, Hard	424	60,529	64,996	77,201	77,447	76,906	90,063
Lowfat, Total ¹		23,869	26,986	34,290	35,727	38,680	41,846
Lowfat, Soft		16,994	19,848	25,201	26,711	29,670	32,023
Lowfat, Hard	211	6,875	7,138	9,089	9,016	9,010	9,823
Nonfat, Total		3,359	3,091	3,424	3,116	3,823	3,932
Nonfat, Hard	99	2,814	2,718	3,124	2,779	3,270	3,317
Sherbet, Total		3,504	3,942	5,042	4,973	5,312	5,989
Hard	259	3,298	3,736	4,781	4,702	5,036	5,683
Yogurt, Total		6,659	7,876	9,325	9,267	9,405	9,694
Regular & Lowfat, Hard	161	2,209	2,613	3,119	2,802	3,148	3,197
Nonfat, Hard	90	1,318	1,421	1,681	1,711	1,640	1,848
Other Frozen							
Dairy Products ²	40	1,324	855	1,114	1,206	1,131	1,198
Water and Juice Ices ²	157	4,142	5,554	6,931	8,043	6,941	7,959
Mix for Products							
Ice Cream, Regular	334	33,760	35,593	42,572	44,763	44,263	51,195
Ice Cream, Lowfat ³	290	12,517	15,169	19,275	19,800	21,114	22,925
Ice Cream, Nonfat	102	1,685	1,572	1,554	1,720	2,097	2,215
Sherbet	214	2,342	2,708	3,367	3,672	3,637	4,005
Yogurt		4,085	4,832	5,721	5,685	5,770	5,947
	Jul	Aug	Sep	Oct	Nov	Dec	Total
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
Ice Cream							
Regular, Total	95,986	90,561	79,518	68,725	65,088	62,417	954,066
Regular, Hard	86,705	81,749	72,278	62,290	58,994	57,043	866,201
Lowfat, Total ¹	40,793	39,565	32,958	28,643	25,543	24,751	393,651
Lowfat, Soft	31,612	31,271	24,861	21,062	19,071	18,346	296,670
Lowfat, Hard	9,181	8,294	8,097	7,581	6,472	6,405	96,981
Nonfat, Total	4,030	3,554	3,716	2,909	2,302	2,595	39,851
Nonfat, Hard	3,434	3,039	3,309	2,551	2,034	2,320	34,709
Sherbet, Total	5,617	5,457	4,512	3,746	3,639	3,177	54,910
Hard	5,322	5,154	4,273	3,532	3,446	2,999	51,962
Yogurt, Total	8,461	8,737	7,697	6,227	5,661	5,666	94,675
Regular & Lowfat, Hard	2,718	2,639	2,479	1,817	1,821	1,900	30,462
Nonfat, Hard	1,806	1,707	1,519	1,279	1,196	1,067	18,193
Other Frozen							
Dairy Products ²	1,155	1,145	1,299	1,353	1,104	978	13,862
Water and Juice Ices ²	8,163	6,944	4,677	4,324	3,239	2,970	69,887
Mix for Products							
Ice Cream, Regular	49,880	47,183	40,148	36,370	33,636	31,351	490,714
Ice Cream, Lowfat ³	22,468	22,268	18,222	15,429	13,965	13,834	216,986
Ice Cream, Nonfat	2,185	2,399	1,757	1,314	1,116	1,186	20,800
Sherbet	3,799	3,634	2,847	2,476	2,359	2,071	36,917
Yogurt	5,191	5,360	4,722	3,820	3,473	3,476	58,082

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, 1998, 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	9,387	8,443	9,501	11,021
Sweet Type, Animal	5	2,336	2,175	2,293	1,849
Dry Whey Products					
Dry Whey, Total		99,982	93,446	98,742	98,677
Dry Whey, Human	49	93,069	87,825	92,256	90,153
Dry Whey, Animal	39	6,913	5,621	6,486	8,524
Reduced Lactose and Minerals					
Human Food	10	5,570	5,037	6,016	6,584
Animal Feed	6	2,640	2,540	2,647	2,545
Whey					
Solids in Wet Blends, Animal	3	1,890	3,682	3,474	3,282
Protein Concentrate, Human	32	20,317	19,267	21,932	21,549
Protein Concentrate, Animal	13	2,985	3,112	3,282	3,369
Lactose, Human and Animal	29	38,660	35,155	41,304	40,260
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	10,021	9,986	9,738	7,892	7,034
Sweet Type, Animal	1,907	2,234	2,414	1,762	1,782
Dry Whey Products					
Dry Whey, Total	105,521	104,495	104,627	99,081	89,423
Dry Whey, Human	97,965	96,332	98,391	92,607	83,103
Dry Whey, Animal	7,556	8,163	6,236	6,474	6,320
Reduced Lactose and Minerals					
Human Food	6,204	5,718	6,627	5,747	5,971
Animal Feed	2,837	2,885	2,816	3,006	2,680
Whey					
Solids in Wet Blends, Animal	3,675	2,949	2,387	3,736	2,828
Protein Concentrate, Human	23,150	21,921	22,214	22,308	21,438
Protein Concentrate, Animal	3,623	3,339	3,825	3,487	2,907
Lactose, Human and Animal	41,097	38,677	41,043	39,098	36,748
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	6,724	4,308	5,131		99,186
Sweet Type, Animal	1,357	1,213	1,398		22,720
Dry Whey Products					
Dry Whey, Total	90,631	91,961	101,675		1,178,261
Dry Whey, Human	83,601	85,466	94,615		1,095,383
Dry Whey, Animal	7,030	6,495	7,060		82,878
Reduced Lactose and Minerals					
Human Food	5,716	6,499	6,806		72,495
Animal Feed	2,744	2,520	2,789		32,649
Whey					
Solids in Wet Blends, Animal	3,130	3,074	3,234		37,341
Protein Concentrate, Human	23,418	21,876	26,503		265,893
Protein Concentrate, Animal	3,389	3,524	3,444		40,286
Lactose, Human and Animal	36,812	39,667	39,128		467,649

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

**Whey and Modified Whey Products: Production by Month,
United States, 1999**

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	8	8,098	7,295	8,813	9,214
Sweet Type, Animal	5	1,204	1,269	1,636	1,416
Dry Whey Products					
Dry Whey, Total		96,248	90,009	102,217	98,089
Dry Whey, Human	46	88,710	83,709	94,947	92,029
Dry Whey, Animal	34	7,538	6,300	7,270	6,060
Reduced Lactose and Minerals					
Human Food	11	6,833	7,774	7,642	8,509
Animal Feed	6	2,615	2,427	2,745	2,610
Whey					
Solids in Wet Blends, Animal	3	3,508	3,743	2,797	2,706
Protein Concentrate, Human	31	27,421	24,610	27,655	26,280
Protein Concentrate, Animal	12	3,766	3,737	3,830	4,035
Lactose, Human and Animal	29	37,780	36,170	43,485	42,002
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	8,649	10,381	9,898	10,758	8,560
Sweet Type, Animal	1,576	1,560	1,505	1,479	1,406
Dry Whey Products					
Dry Whey, Total	102,521	98,945	97,906	98,929	91,529
Dry Whey, Human	95,667	92,152	90,604	92,464	84,693
Dry Whey, Animal	6,854	6,793	7,302	6,465	6,836
Reduced Lactose and Minerals					
Human Food	7,102	6,316	6,533	6,571	6,086
Animal Feed	2,899	2,780	2,811	2,733	2,925
Whey					
Solids in Wet Blends, Animal	2,718	2,748	2,449	2,984	2,914
Protein Concentrate, Human	28,349	27,319	26,332	27,053	26,354
Protein Concentrate, Animal	3,976	3,870	3,682	3,738	3,798
Lactose, Human and Animal	40,318	37,019	37,815	37,997	38,823
Products	Oct	Nov	Dec	Total	
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	
Concentrated Whey, Solids Content ¹					
Sweet Type, Human	5,740	8,881	9,896	106,183	
Sweet Type, Animal	1,008	1,041	1,104	16,204	
Dry Whey Products					
Dry Whey, Total	93,904	92,533	100,981	1,163,811	
Dry Whey, Human	87,602	86,472	94,386	1,083,435	
Dry Whey, Animal	6,302	6,061	6,595	80,376	
Reduced Lactose and Minerals					
Human Food	8,191	7,660	7,388	86,605	
Animal Feed	3,031	2,988	3,147	33,711	
Whey					
Solids in Wet Blends, Animal	2,868	3,345	3,339	36,119	
Protein Concentrate, Human	27,336	29,643	29,626	327,978	
Protein Concentrate, Animal	3,642	3,858	3,823	45,755	
Lactose, Human and Animal	38,851	41,028	42,537	473,825	

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.

**Manufacturers' Whey Stocks and Selling Prices: Production by Month,
United States, 1998, 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	34,055	33,809	32,148	30,074
Dry Whey, Animal	2,727	2,952	2,956	5,000
Reduced Lactose and Minerals				
Human and Animal	8,609	7,781	7,386	8,381
Lactose, Human and Animal ²	21,069	20,529	24,210	27,565
Whey Protein Concentrate, Human	11,168	10,170	11,029	11,751
Whey Protein Concentrate, Animal	1,311	1,155	1,003	1,393
	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	26.4	22.8	22.1	20.5
Products	May	Jun	Jul	Aug
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	29,710	33,565	36,616	37,637
Dry Whey, Animal	4,433	3,741	3,664	3,755
Reduced Lactose and Minerals				
Human and Animal ²	9,668	11,640	12,255	12,106
Lactose, Human and Animal	32,694	34,328	32,988	31,050
Whey Protein Concentrate, Human	11,646	12,542	13,071	11,877
Whey Protein Concentrate, Animal	1,653	1,173	1,097	1,066
	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	21.4	22.5	23.9	25.4
Products	Sep	Oct	Nov	Dec
	Manufacturers' Stocks End-of-Month ¹			
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whey Products				
Dry Whey, Human	36,420	32,509	32,608	44,590
Dry Whey, Animal	3,681	4,802	4,500	4,835
Reduced Lactose and Minerals				
Human and Animal ²	12,182	10,393	10,445	9,856
Lactose, Human and Animal	28,205	26,364	28,385	27,053
Whey Protein Concentrate, Human	10,938	12,878	13,436	16,049
Whey Protein Concentrate, Animal	1,000	1,429	2,632	1,548
	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	26.7	24.1	23.1	22.5

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, 1999**

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	41,279	41,931	46,735	56,335
Dry Whey, Animal	9,172	7,859	7,809	10,062
Reduced Lactose and Minerals				
Human and Animal ²	10,438	10,678	11,659	12,414
Lactose, Human and Animal	25,207	23,688	25,075	26,371
Whey Protein Concentrate, Human	19,828	16,487	18,448	17,274
Whey Protein Concentrate, Animal	2,179	1,867	1,620	2,082
	Manufacturers' Selling Prices ³			
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whey, Animal	17.7	17.3	16.2	16.1
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	57,693	55,508	51,086	46,617
Dry Whey, Animal	10,258	9,426	9,229	8,510
Reduced Lactose and Minerals				
Human and Animal ²	13,684	12,788	13,693	12,878
Lactose, Human and Animal	24,947	20,892	18,546	18,433
Whey Protein Concentrate, Human	16,289	16,069	15,815	16,406
Whey Protein Concentrate, Animal	2,556	1,636	1,397	1,203
	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	15.7	16.1	16.2	16.5
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	46,413	41,357	43,122	47,158
Dry Whey, Animal	8,970	7,816	8,350	6,743
Reduced Lactose and Minerals				
Human and Animal ²	12,709	10,574	10,384	10,267
Lactose, Human and Animal	17,062	19,714	17,394	19,576
Whey Protein Concentrate, Human	16,010	16,871	17,230	17,202
Whey Protein Concentrate, Animal	1,059	1,367	1,650	755
	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	16.8	16.4	16.0	15.8

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, 1998, Revised**

Products	Jan	Feb	Mar	Apr	May	Jun
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	9,082	7,826	8,140	8,294	6,850	9,723
Nonfat Dry Milk, Human	84,938	86,740	100,274	86,729	80,345	97,074
Dry Skim Milk, Animal	472	471	383	365	438	436
Dry Buttermilk, Human	3,391	2,952	2,447	2,612	2,439	3,023
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	38,355	40,024	39,165	38,706	44,346	47,867
Dry Whole Milk	6,629	6,690	6,830	6,672	8,456	7,042
Nonfat Dry Milk, Human	105,645	106,602	93,114	113,665	133,743	130,382
Dry Skim Milk, Animal	789	734	883	976	927	853
Dry Buttermilk, Total	3,765	3,927	5,414	5,755	6,177	5,232
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	118.21	119.20	119.28	118.00	117.99	118.45
Dry Skim Milk, Animal	60.15	59.65	69.49	61.68	59.12	56.17
Dry Buttermilk, Human	94.66	93.66	97.09	97.97	97.20	95.80
	Jul	Aug	Sep	Oct	Nov	Dec
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	9,310	9,489	9,320	10,883	8,464	7,529
Nonfat Dry Milk, Human	94,851	84,485	83,626	74,484	61,042	68,354
Dry Skim Milk, Animal	235	311	296	254	276	371
Dry Buttermilk, Human	3,318	2,090	2,138	2,212	1,998	2,036
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	55,925	64,186	62,176	48,560	38,135	35,818
Dry Whole Milk	7,285	6,682	5,468	5,082	6,072	5,161
Nonfat Dry Milk, Human	113,741	94,758	64,441	47,235	43,728	56,945
Dry Skim Milk, Animal	1,107	1,328	1,411	1,044	1,022	1,074
Dry Buttermilk, Total	4,654	4,141	2,344	2,783	3,350	3,984
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	126.22	134.77	143.26	136.98	150.23	148.11
Dry Skim Milk, Animal	63.83	60.15	67.43	62.81	60.44	62.45
Dry Buttermilk, Human	97.55	100.14	103.93	106.80	109.11	105.64

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, 1999**

Products	Jan	Feb	Mar	Apr	May	Jun
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	8,619	8,243	8,168	8,671	8,278	9,876
Nonfat Dry Milk, Human	69,720	72,424	91,901	84,681	83,787	89,106
Dry Skim Milk, Animal	260	80	535	408	385	268
Dry Buttermilk, Human	2,768	2,807	4,707	3,043	3,905	4,209
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	41,252	41,985	39,769	36,371	37,826	44,155
Dry Whole Milk	5,709	6,213	6,414	5,747	7,624	7,889
Nonfat Dry Milk, Human	88,921	112,588	122,650	141,237	162,418	161,883
Dry Skim Milk, Animal	1,510	1,755	1,626	1,667	1,666	2,004
Dry Buttermilk, Total	5,794	7,026	6,433	7,258	5,388	5,149
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	134.61	122.21	121.81	117.82	122.92	122.30
Dry Skim Milk, Animal	61.52	65.75	54.35	54.90	57.49	52.21
Dry Buttermilk, Human	88.61	77.07	74.50	74.76	73.51	70.03
	Jul	Aug	Sep	Oct	Nov	Dec
Manufacturers' Shipments¹						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Dry Whole Milk	9,213	7,266	9,454	8,509	9,187	7,817
Nonfat Dry Milk, Human	93,009	124,330	86,362	95,802	93,604	94,644
Dry Skim Milk, Animal	606	542	562	462	508	425
Dry Buttermilk, Human	3,002	3,784	3,766	3,725	4,003	4,294
Manufacturers' Stocks End-of-Month²						
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Canned Evaporated and Condensed Whole Milk	52,544	62,032	57,671	40,032	30,047	35,306
Dry Whole Milk	7,141	6,384	6,048	8,162	5,780	5,749
Nonfat Dry Milk, Human	143,715	108,807	96,601	97,653	102,229	115,463
Dry Skim Milk, Animal	2,058	1,618	1,210	1,179	989	1,199
Dry Buttermilk, Total	4,545	5,369	5,595	6,465	6,774	7,624
Manufacturers' Selling Prices³						
	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>	<i>Cents per Pound</i>
Dry Whole Milk	121.18	127.47	131.34	128.22	115.15	107.44
Dry Skim Milk, Animal	52.26	56.38	59.00	51.94	58.80	58.64
Dry Buttermilk, Human	70.46	73.21	73.48	74.44	71.64	72.37

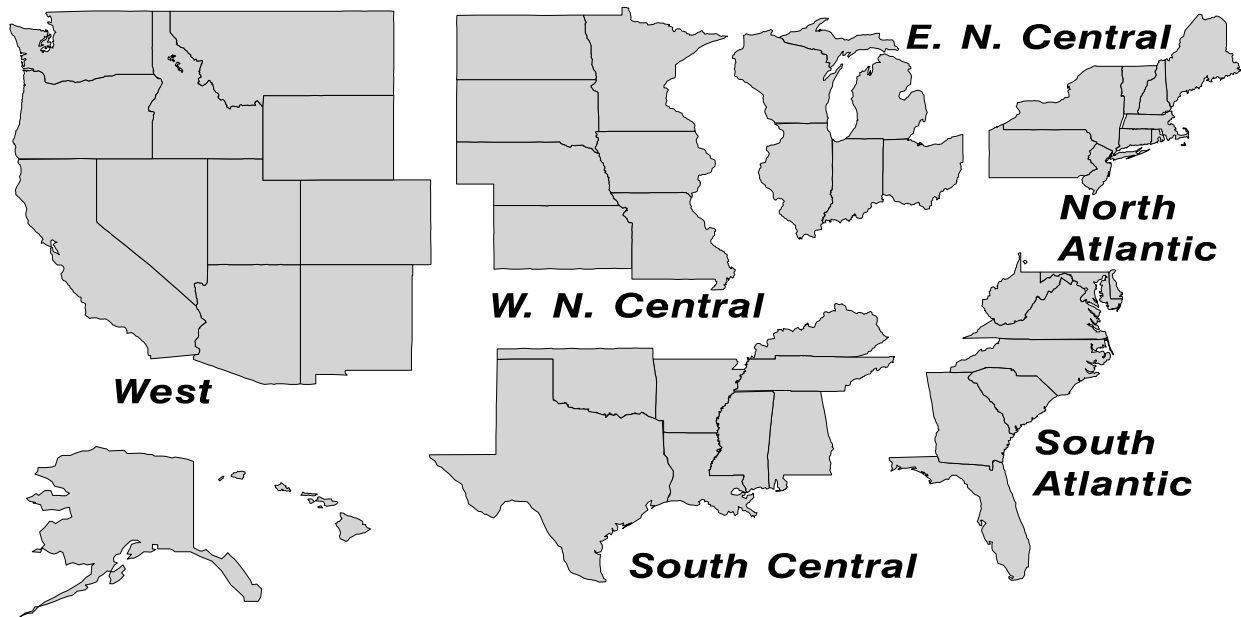
¹ For dry products, shipments of bulk goods only.

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.

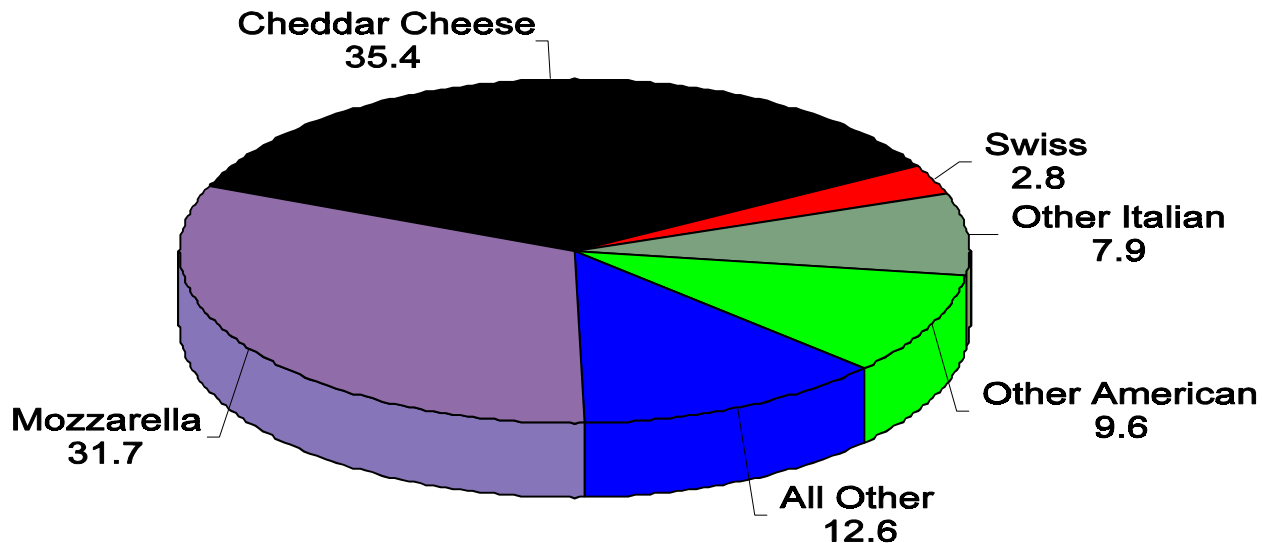
U. S. Geographic Regions Dairy Products

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

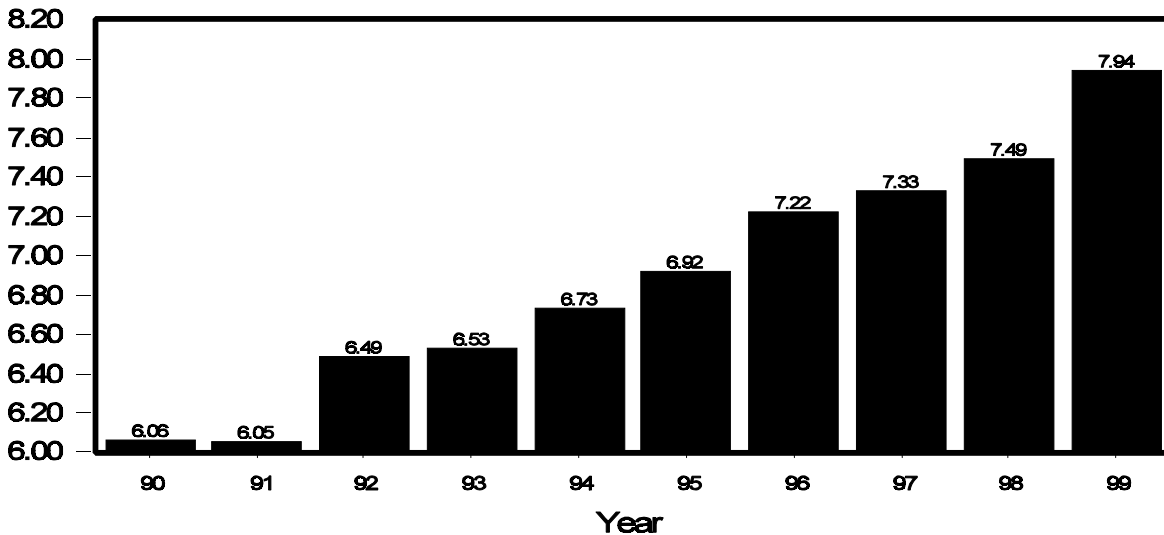
Percent by Type, 1999



Total Cheese Production

United States

Billion Pounds



**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99**

State	1999							
	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	108,434	101,992	117,264	114,562	114,408	110,773	120,221	119,782
ID	47,007	40,522	46,867	45,994	47,559	46,028	47,311	47,250
IL	9,679	8,730	10,028	7,967	7,898	8,154	7,953	7,978
IA	20,904	20,009	23,852	22,654	21,355	22,458	21,032	20,586
MA	67	72	110	77	87	78	61	78
MN	56,531	52,666	62,008	59,661	60,155	57,491	52,315	52,599
MO	10,960	10,181	14,712	11,382	12,753	12,860	10,883	12,201
NE								
NY	53,630	51,221	59,313	56,541	56,174	58,336	55,877	54,693
ND	1,959	2,564	2,668	2,606	2,066	1,876	1,756	1,244
OH	9,935	9,586	11,247	10,984	11,855	12,202	10,709	10,382
PA	27,843	25,574	34,998	33,084	31,078	35,691	27,832	32,259
SD	10,595	9,931	12,431	11,552	12,202	10,607	11,033	10,257
UT	5,383	5,140	6,321	6,711	6,488	6,290	6,824	6,768
WA	10,795	9,962	13,104	12,966	11,896	10,984	10,817	13,627
WI	174,534	162,399	187,501	178,547	182,173	183,108	176,226	177,012
Oth Sts ¹	85,781	82,139	95,022	94,382	96,855	92,512	88,961	81,746
US	634,037	592,688	697,446	669,670	675,002	669,448	649,811	648,462
N Atl	95,746	90,164	108,403	103,092	102,544	107,335	97,457	100,765
S Atl	3,689	3,337	3,910	3,516	3,234	3,342	4,235	4,006
E N Cen	206,320	192,580	222,259	210,357	216,114	218,223	208,370	206,412
W N Cen	108,144	102,427	121,898	115,390	116,018	112,582	104,503	105,003
S Cen	3,648	3,475	4,618	4,192	3,948	4,314	3,632	3,955
West	216,490	200,705	236,358	233,123	233,144	223,652	231,614	228,321

See footnotes at end of table.

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**Total Cheese, Excluding Cottage Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99 (continued)**

State	1999						1998	
	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	116,029	119,909	116,486	123,521	1,383,381	52	1,243,062	52
ID	44,512	49,706	50,288	49,060	562,104	9	514,953	11
IL	7,877	8,124	8,531	8,518	101,437	12	112,307	16
IA	21,605	22,342	22,048	20,876	259,721	6	245,459	7
MA	79	79	78	122	988	4	1,059	4
MN	55,023	59,274	54,555	59,928	682,206	15	616,933	15
MO	13,724	14,312	15,298	15,027	154,293	4	154,700	4
NE							100,394	4
NY	54,628	59,653	59,763	62,450	682,279	27	630,865	31
ND	1,160	1,418	1,417	1,766	22,500	2	19,184	3
OH	10,623	11,507	11,139	12,088	132,257	12	120,448	16
PA	30,307	30,070	34,409	33,589	376,734	18	360,562	20
SD	11,333	11,879	11,978	12,635	136,433	7	136,889	7
UT	6,348	6,750	6,065	6,540	75,628	9	63,282	8
WA	12,132	11,991	13,818	13,418	145,510	5	173,365	5
WI	177,684	180,950	181,792	187,605	2,149,531	126	2,118,127	130
Oth Sts ¹	78,207	83,968	100,785	98,672	1,079,030	68	880,530	65
US	641,271	671,932	688,450	705,815	7,944,032	376	7,492,119	398
N Atl	98,215	104,295	108,540	110,114	1,226,670	69	1,150,247	76
S Atl	3,718	3,890	3,667	3,363	43,907	6	31,831	5
E N Cen	208,775	211,527	215,510	223,509	2,539,956	164	2,484,377	175
W N Cen	108,508	116,260	114,355	117,107	1,342,195	40	1,292,457	43
S Cen	4,358	3,946	3,540	5,314	48,940	12	54,723	13
West	217,697	232,014	242,838	246,408	2,742,364	85	2,478,484	86

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, 1999 and Total 1998-99¹**

State	1999							
	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	48,911	46,477	54,179	53,341	47,418	45,259	54,083	54,601
ID	42,225	38,431	42,828	42,186	43,318	42,505	43,201	43,658
IA	10,190	9,670	10,939	10,454	10,439	10,250	9,530	9,778
MN	51,616	47,440	57,730	56,516	57,140	50,845	50,538	48,844
NY	8,600	7,954	9,065	9,053	9,573	9,021	8,364	7,490
ND	1,959	2,564	2,668	2,606	2,066	1,876	1,756	1,244
OH	2,690	2,525	3,130	3,127	3,182	3,154	2,782	2,490
OR	4,595	4,186	4,746	4,892	5,135	5,023	5,218	5,159
SD	4,612	4,155	5,120	5,528	6,194	5,482	5,705	5,122
TN								
UT	2,312	2,429	3,025	4,034	3,468	3,028	3,855	3,624
WA	7,942	8,046	11,145	11,003	9,930	9,086	8,747	11,606
WI	81,043	72,892	80,957	80,446	81,384	77,499	77,299	76,071
Oth Sts ²	26,592	29,075	32,199	33,297	33,241	30,997	28,298	23,430
US	293,287	275,844	317,731	316,483	312,488	294,025	299,376	293,117
Atlantic	13,633	13,444	14,287	15,035	16,202	14,121	13,745	12,753
E N Cen	85,092	76,803	85,987	85,520	86,172	82,272	81,710	80,018
W N Cen	71,952	68,107	81,670	79,913	80,470	72,528	71,062	67,736
S Cen	3,468	3,255	4,305	3,953	3,579	4,055	3,468	3,503
West	119,142	114,235	131,482	132,062	126,065	121,049	129,391	129,107

See footnotes at end of table.

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**Total American Type Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99¹ (continued)**

State	1999						1998	
	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	48,713	47,303	46,032	50,731	597,048	21	505,935	21
ID	38,887	43,889	42,247	41,727	505,102	8	469,781	9
IA	10,155	10,172	9,831	11,058	122,466	5	107,903	5
MN	53,950	56,631	51,918	55,933	639,101	13	558,401	13
NY	5,962	7,238	7,928	8,210	98,458	10	90,762	12
ND	1,160	1,418	1,417	1,766	22,500	2	19,184	3
OH	2,339	2,539	2,701	3,214	33,873	7	34,571	7
OR	5,086	5,373	5,078	5,248	59,739	3	54,087	3
SD	5,158	5,553	5,191	6,250	64,070	6	55,697	5
TN							3,212	1
UT	3,425	3,674	2,963	3,402	39,239	8	30,052	7
WA	9,948	9,597	11,263	11,227	119,540	3	116,461	3
WI	74,003	77,861	76,431	81,747	937,633	73	931,572	73
Oth Sts ²	22,288	24,054	25,102	29,206	337,779	38	337,034	40
US	281,074	295,302	288,102	309,719	3,576,548	197	3,314,652	202
Atlantic	9,959	11,977	12,008	12,293	159,457	22	151,702	25
E N Cen	77,918	81,594	80,551	86,568	990,205	88	982,872	87
W N Cen	73,383	76,903	71,787	79,527	895,038	31	800,892	32
S Cen	3,992	3,538	3,134	5,031	45,281	10	51,514	11
West	115,822	121,290	120,622	126,300	1,486,567	46	1,327,672	47

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,
1999 and Total 1998-99**

State	1999							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	37,686	33,430	40,482	39,157	32,827	31,405	38,402	39,465
ID	28,476	24,742	28,214	27,636	29,078	28,025	28,120	28,048
IA	5,376	4,859	5,619	5,263	5,510	5,253	4,665	4,809
MN	49,945	46,103	55,710	55,131	55,077	47,565	47,128	45,543
NY	8,541	7,842	8,975	8,951	9,442	8,948	8,265	7,379
ND	1,959	2,564	2,668	2,606	2,066	1,876	1,756	1,244
OH	1,838	1,813	2,264	1,974	1,935	1,959	1,771	1,684
SD	3,163	2,115	3,015	4,717	5,260	4,315	3,448	2,012
TN								
UT	1,544	1,490	1,881	2,751	2,353	1,918	2,890	1,939
WA	6,987	6,788	9,671	9,153	9,132	7,142	6,528	10,121
WI	64,904	58,214	65,985	66,243	66,807	62,865	61,463	59,867
Oth Sts ¹	25,865	27,014	29,699	31,518	31,550	30,158	28,150	24,039
US	236,284	216,974	254,183	255,100	251,037	231,429	232,586	226,150
Atlantic	13,114	12,673	13,632	14,588	15,422	13,763	13,328	12,293
E N Cen	66,746	60,089	68,623	68,596	68,786	64,927	63,329	61,555
W N Cen	60,532	55,675	67,071	67,770	67,972	59,050	57,021	53,610
S Cen	3,468	3,255	4,305	3,953	3,579	4,050	3,468	3,503
West	92,424	85,282	100,552	100,193	95,278	89,639	95,440	95,189
	1999						1998	
	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	35,458	32,586	30,831	35,788	427,517	16	368,327	17
ID	24,750	28,838	25,144	26,299	327,370	8	296,316	9
IA	5,248	5,171	5,536	5,770	63,079	4	55,759	4
MN	50,050	53,115	47,702	51,915	604,984	13	535,125	13
NY	5,735	7,143	7,795	7,926	96,942	9	88,893	11
ND	1,160	1,418	1,417	1,766	22,500	2	19,184	3
OH	1,739	1,792	1,773	2,136	22,678	5	21,279	5
SD	3,836	3,971	3,313	4,079	43,244	5	43,230	3
TN							3,212	1
UT	2,237	2,973	1,997	2,519	26,492	8	18,793	7
WA	8,143	8,807	9,425	10,287	102,184	2	102,217	2
WI	59,029	63,016	58,621	64,757	751,771	70	752,557	68
Oth Sts ¹	22,613	24,683	24,917	27,900	328,106	36	328,554	36
US	219,998	233,513	218,471	241,142	2,816,867	178	2,633,446	179
Atlantic	9,415	11,394	11,474	11,590	152,686	19	144,815	21
E N Cen	60,892	64,870	60,401	66,905	775,719	81	774,068	77
W N Cen	60,302	63,685	57,974	63,536	734,198	28	672,134	28
S Cen	3,992	3,538	3,131	5,006	45,248	10	51,514	11
West	85,397	90,026	85,491	94,105	1,109,016	40	990,915	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, 1999 and Total 1998-99¹**

State	1999							
	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	11,225	13,047	13,697	14,184	14,591	13,854	15,681	15,136
ID								
IA	4,814	4,811	5,320	5,191	4,929	4,997	4,865	4,969
MN	1,671	1,337	2,020	1,385	2,063	3,280	3,410	3,301
NY	59	112	90	102	131	73	99	111
OH	852	712	866	1,153	1,247	1,195	1,011	806
SD	1,449	2,040	2,105	811	934	1,167	2,257	3,110
UT	768	939	1,144	1,283	1,115	1,110	965	1,685
WA	955	1,258	1,474	1,850	798	1,944	2,219	1,485
WI	16,139	14,678	14,972	14,203	14,577	14,634	15,836	16,204
Oth Sts ²	19,071	19,936	21,860	21,221	21,066	20,342	20,447	20,160
US	57,003	58,870	63,548	61,383	61,451	62,596	66,790	66,967
Atlantic	519	771	655	447	780	358	417	460
Central	29,766	29,146	31,963	29,067	29,884	30,828	32,422	32,589
West	26,718	28,953	30,930	31,869	30,787	31,410	33,951	33,918
	1999						1998	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	13,255	14,717	15,201	14,943	169,531	16	137,608	17
ID							173,465	5
IA	4,907	5,001	4,295	5,288	59,387	3	52,144	3
MN	3,900	3,516	4,216	4,018	34,117	6	23,276	5
NY	227	95	133	284	1,516	3	1,869	5
OH	600	747	928	1,078	11,195	5	13,292	5
SD	1,322	1,582	1,878	2,171	20,826	4	12,467	4
UT	1,188	701	966	883	12,747	5	11,259	5
WA	1,805	790	1,838	940	17,356	2	14,244	2
WI	14,974	14,845	17,810	16,990	185,862	51	179,015	49
Oth Sts ²	18,898	19,795	22,366	21,982	247,144	26	62,567	22
US	61,076	61,789	69,631	68,577	759,681	121	681,206	122
Atlantic	544	583	534	703	6,771	8	6,887	12
Central	30,107	29,942	33,966	35,679	375,359	83	337,562	78
West	30,425	31,264	35,131	32,195	377,551	30	336,757	32

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,
1999 and Total 1998-99**

State	1999							
	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>
ID								
IL	5,130	4,232	4,375	4,055	4,426	4,375	4,382	4,312
OH	6,047	5,776	6,451	6,351	7,071	7,214	6,243	6,200
PA	644	669	695	704	826	819	728	755
UT	2,383	2,056	2,073	1,887	2,457	2,389	2,193	2,515
WI	2,772	2,719	3,075	4,011	2,440	2,865	2,417	2,424
Oth Sts ¹	1,810	1,912	1,829	1,829	1,989	1,877	1,598	1,713
US	18,786	17,364	18,498	18,837	19,209	19,539	17,561	17,919
Atlantic Central	644 15,682	669 14,533	696 15,729	705 16,245	828 15,924	821 16,329	729 14,639	756 14,648
	1999						1998	
	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>
ID							748	1
IL	4,094	4,646	4,555	4,652	53,234	5	50,654	5
OH	6,250	6,500	5,896	6,373	76,372	12	70,476	11
PA	638	631	707	686	8,502	4	8,155	5
UT	2,404	2,437	2,469	2,372	27,635	2	24,963	2
WI	2,570	2,670	2,625	2,943	33,531	10	32,929	13
Oth Sts ¹	1,808	1,478	1,464	1,885	21,192	5	18,483	5
US	17,764	18,362	17,716	18,911	220,466	38	206,408	42
Atlantic Central	638 14,722	632 15,293	707 14,540	686 15,853	8,511 184,137	5 30	8,168 172,529	6 33

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

**Brick Cheese: Production by Month, State, and United States,
1999 and Total 1998-99**

State	1999							
	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	248	243	239	281	284	311	230	322
Oth Sts ¹	522	415	323	309	288	281	375	466
US	770	658	562	590	572	592	605	788
	1999						1998	
	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	312	353	352	336	3,511	17	3,858	20
Oth Sts ¹	393	346	478	416	4,612	3	3,720	2
US	705	699	830	752	8,123	20	7,578	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,
1999 and Total 1998-99**

State	1999							
	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	4,128	4,151	4,401	4,112	4,335	4,391	4,494	4,759
Oth Sts ¹	2,264	2,603	2,766	2,558	2,648	2,272	1,856	1,325
US	6,392	6,754	7,167	6,670	6,983	6,663	6,350	6,084
	1999						1998	
	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	4,631	4,496	4,836	4,702	53,436	26	53,255	26
Oth Sts ¹	1,878	2,048	2,293	2,154	26,665	13	41,360	13
US	6,509	6,544	7,129	6,856	80,101	39	94,615	39

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,
1999 and Total 1998-99**

State	1999							
	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	4,082	4,324	5,471	4,830	4,852	5,070	4,799	5,014
WI	1,389	1,256	1,490	1,397	1,429	1,529	1,384	1,369
Oth Sts ¹	692	798	985	895	944	874	883	952
US	6,163	6,378	7,946	7,122	7,225	7,473	7,066	7,335
	1999						1998	
	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	5,446	5,112	4,909	4,637	58,546	9	50,313	9
WI	1,479	1,471	1,483	1,579	17,255	8	16,190	10
Oth Sts ¹	1,005	893	906	900	10,727	5	9,490	6
US	7,930	7,476	7,298	7,116	86,528	22	75,993	25

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, 1999 and Total 1998-99**

State	1999							
	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	53,022	49,214	54,821	53,654	59,126	57,055	58,505	57,134
IL	2,146	2,060	2,548	731	697	754	706	746
MN	4,543	5,058	4,030	2,837	2,732	6,225	1,456	2,989
NY	30,559	28,993	35,897	33,343	33,345	32,120	32,202	32,989
PA	21,919	19,128	25,303	25,200	22,017	24,494	20,611	22,449
SD	5,215	4,627	6,286	5,290	5,333	5,107	5,290	5,096
WI	67,020	65,661	78,165	70,504	72,239	75,807	71,635	71,371
Oth Sts ¹	63,553	57,642	69,626	67,048	68,105	65,614	64,507	60,465
US	247,977	232,383	276,676	258,607	263,594	267,176	254,912	253,239
Atlantic	63,128	57,097	71,969	67,737	64,803	66,224	62,815	65,998
E N Cen	80,671	79,072	93,653	83,490	86,609	91,041	85,528	82,805
W N Cen	20,944	20,549	20,609	19,517	19,577	22,214	18,637	20,012
West	83,234	75,665	90,445	87,863	92,605	87,697	87,932	84,424
	1999						1998	
	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	58,192	63,660	61,854	64,686	690,923	28	656,163	30
IL	729	654	761	748	13,280	5		
MN	898	2,457	2,481	3,785	39,491	3	54,041	4
NY	33,661	35,973	36,110	36,840	402,032	12	355,728	13
PA	19,966	19,504	23,338	23,158	267,087	10	263,312	10
SD	6,060	6,186	6,342	6,019	66,851	4	60,779	2
WI	73,810	70,853	72,843	75,098	865,006	51	868,215	52
Oth Sts ¹	59,901	63,728	82,318	75,470	797,977	40	746,477	41
US	253,217	263,015	286,047	285,804	3,142,647	153	3,004,715	152
Atlantic	64,444	66,818	71,294	71,098	793,425	38	722,962	37
E N Cen	87,023	83,150	87,886	91,375	1,032,303	61	1,025,451	62
W N Cen	16,846	19,585	21,951	20,274	240,715	12	265,599	11
West	84,904	93,462	104,916	103,057	1,076,204	42	990,703	42

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

**Mozzarella Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99**

State	1999							
	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	48,101	45,273	50,678	49,669	50,047	48,749	52,499	53,316
ID	108	84	287	399	370	203	491	276
IL	1,824	1,754	1,827	581	540	574	542	564
NY	18,965	17,303	19,919	19,453	20,467	20,239	20,063	19,796
SD	4,668	4,057	5,700	4,700	4,842	4,704	4,878	4,738
WI	47,139	48,548	58,025	51,252	52,898	56,593	54,022	53,068
Oth Sts ¹	76,077	69,505	85,509	83,893	81,514	81,510	77,566	74,316
US	196,882	186,524	221,945	209,947	210,678	212,572	210,061	206,074
Atlantic	43,740	39,420	48,406	47,442	45,379	47,601	44,847	46,029
E N Cen	59,386	60,595	71,400	62,843	65,830	70,166	66,354	62,994
W N Cen	16,584	15,751	17,323	17,216	17,428	16,607	17,702	17,299
West	77,172	70,758	84,816	82,446	82,041	78,198	81,158	79,752
	1999						1998	
	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	51,717	54,213	52,288	56,698	613,248	25	555,126	26
ID	1,036	914	2,898	1,642	8,708	4	3,846	2
IL	546	484	574	483	10,293	5		
NY	19,456	19,363	18,792	20,328	234,144	12	210,723	12
SD	5,691	5,493	5,882	5,565	60,918	3		
WI	55,905	52,948	53,953	55,608	639,959	39	639,167	41
Oth Sts ¹	70,423	73,174	91,729	86,346	951,562	38	957,302	43
US	204,774	206,589	226,116	226,670	2,518,832	126	2,366,164	124
Atlantic	43,917	43,480	45,685	46,743	542,689	29	494,085	27
E N Cen	67,174	62,941	66,636	69,489	785,808	48	774,560	50
W N Cen	15,933	16,985	19,347	16,280	204,455	10	219,171	9
West	77,750	83,183	94,448	94,158	985,880	39	878,348	38

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

**Other Italian Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99**

State	1999							
	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	4,921	3,941	4,143	3,985	9,079	8,306	6,006	3,818
IL	322	306	721	150	157	180	164	182
NY	11,594	11,690	15,978	13,890	12,878	11,881	12,139	13,193
PA	3,613	3,023	4,308	3,442	3,190	3,463	2,668	3,318
WI	19,881	17,113	20,140	19,252	19,341	19,214	17,613	18,303
Oth Sts ¹	10,764	9,786	9,441	7,941	8,271	11,560	6,261	8,351
US	51,095	45,859	54,731	48,660	52,916	54,604	44,851	47,165
Atlantic	19,388	17,677	23,563	20,295	19,424	18,623	17,968	19,969
Central	25,645	23,275	25,539	22,948	22,928	26,482	20,109	22,524
West	6,062	4,907	5,629	5,417	10,564	9,499	6,774	4,672
	1999						1998	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	6,475	9,447	9,566	7,988	77,675	18	101,037	19
IL	183	170	187	265	2,987	4		
NY	14,205	16,610	17,318	16,512	167,888	10	145,005	10
PA	2,976	2,964	3,928	3,809	40,702	9	44,617	9
WI	17,905	17,905	18,890	19,490	225,047	31	229,048	31
Oth Sts ¹	6,699	9,330	10,042	11,070	109,516	23	118,844	27
US	48,443	56,426	59,931	59,134	623,815	95	638,551	96
Atlantic	20,527	23,338	25,609	24,355	250,736	31	228,877	30
Central	20,762	22,809	23,854	25,880	282,755	41	297,319	42
West	7,154	10,279	10,468	8,899	90,324	23	112,355	24

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

Italian Cheese: Production, United States, 1998-99

Type	1998	1999	1999/1998
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Percent</i>
Hard			
Provolone and similars	222,002	223,470	101
Romano and similars	28,394	26,585	94
Parmesan and similars	128,655	97,515	76
Other hard	11,790	16,183	137
Total hard	390,841	363,753	93
Soft			
Mozzarella and similars	2,366,164	2,518,832	106
Ricotta and similars	239,228	251,667	105
Other soft	8,482	8,395	99
Total soft	2,613,874	2,778,894	106
Total hard and soft	3,004,715	3,142,647	105

Italian Cheese: Production by Type, Region, and United States, 1998-99

Region	Hard Types		Soft Types		Total	
	1998	1999	1998	1999	1998	1999
	<i>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	85,755	95,228	637,207	698,197	722,962	793,425
E N Cen	166,682	159,311	858,769	872,992	1,025,451	1,032,303
W N Cen	46,428	36,260	219,171	204,455	265,599	240,715
West	91,976	72,954	898,727	1,003,250	990,703	1,076,204
US	390,841	363,753	2,613,874	2,778,894	3,004,715	3,142,647

Miscellaneous Cheese: Production by State, and United States, 1998-1999

State	Provolone		Romano		Parmesan		Ricotta	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>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	24,891	28,278						
NY	36,754	43,332					108,245	124,556
PA							4,572	3,909
WI	94,518	85,890	12,752	15,452	46,533	42,481	55,945	
Oth Sts ¹	65,839	65,970	15,642	11,133	82,122	55,034	70,466	123,202
US	222,002	223,470	28,394	26,585	128,655	97,515	239,228	251,667

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

**Processed Cheeses and Combinations: Production,
United States, 1990-99 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>
1990	31	1,192,701	32	875,786
1991	32	1,238,177	29	878,555
1992	33	1,347,718	33	775,379
1993	35	1,347,544	32	840,950
1994	36	1,397,602	32	859,969
1995	35	1,472,213	30	831,584
1996	33	1,489,251	28	856,620
1997	33	1,378,086	28	795,893
1998	33	1,256,902	28	984,246
1999	29	1,317,750	29	1,070,836
	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>
1990	23	83,656	51	2,152,143
1991	23	72,897	50	2,189,629
1992	22	79,569	55	2,202,666
1993	23	54,554	56	2,243,048
1994	22	46,680	55	2,304,251
1995	20	35,699	57	2,339,496
1996	20	38,044	56	2,383,915
1997	22	36,008	54	2,209,987
1998	22	36,978	55	2,278,126
1999	22	40,090	52	2,428,676

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, 1999 and Total 1998-99**

State	1999							
	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	503	544	686	782	871	978	1,024	1,157
IL	1,233	1,138	1,360	1,305	1,189	1,414	1,321	1,383
MI	389	306	490	426	408	439	297	450
MN	329	168	206	308	241	379	321	725
NY	485	497	858	722	803	619	401	417
WI	8,369	7,128	8,784	8,424	8,976	9,141	8,828	9,313
Oth Sts ¹	2,628	2,503	3,015	2,693	3,165	3,019	3,079	2,903
US	13,936	12,284	15,399	14,660	15,653	15,989	15,271	16,348
	1999						1998	
	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	1,195	1,247	1,342	1,285	11,614	22	8,977	19
IL	1,324	1,292	1,695	1,576	16,230	6	13,992	6
MI	540	489	762	532	5,528	7	5,342	5
MN	175	144	156	169	3,321	3	4,158	3
NY	461	444	395	369	6,471	10	6,233	11
WI	8,860	8,800	8,558	8,548	103,729	40	89,789	39
Oth Sts ¹	3,035	3,128	3,012	2,973	35,153	30	37,467	25
US	15,590	15,544	15,920	15,452	182,046	118	165,958	108

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,
1999 and Total 1998-99**

State	1999							
	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	33,503	30,856	33,314	31,749	30,775	21,453	17,797	22,796
MN	7,144	5,304	6,023	5,005	5,516	4,468	3,711	2,441
NY	2,383	2,362	2,400	2,310	2,021	1,722	2,915	1,228
ND	374	301	428	410	285	391	223	309
PA	9,805	9,942	10,711	8,842	10,414	8,234	8,749	6,496
WA	7,544	8,412	7,982	7,501	11,066	12,841	12,403	11,637
WI	32,275	27,060	28,817	27,688	22,728	20,645	17,410	16,260
Oth Sts ¹	35,988	35,147	35,682	30,816	28,089	24,839	21,596	17,075
US	129,016	119,384	125,357	114,321	110,894	94,593	84,804	78,242
N Atl	16,374	16,266	17,046	14,568	15,540	13,411	13,911	8,749
E N Cen	40,005	35,178	36,916	35,179	28,646	25,290	20,427	17,189
W N Cen	13,239	11,279	12,082	10,617	11,198	10,484	9,515	7,946
West	45,371	43,141	46,029	43,048	46,135	37,561	33,481	37,568
	1999						1998	
	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	25,482	29,090	30,589	35,985	343,389	12	312,749	13
MN	3,466	4,782	4,882	5,474	58,216	6	65,956	5
NY	1,716	1,942	1,593	2,049	24,641	8	21,217	9
ND	409	331	375	399	4,235	4	4,443	4
PA	8,250	8,851	9,843	9,894	110,031	5	88,618	5
WA	12,543	10,658	7,380	8,969	118,936	2	71,902	2
WI	18,985	23,517	25,428	29,319	290,132	11	303,011	12
Oth Sts ¹	21,205	23,926	23,416	27,683	325,462	35	300,087	36
US	92,056	103,097	103,506	119,772	1,275,042	83	1,167,983	86
N Atl	12,867	13,712	14,588	14,981	172,013	16	146,977	17
E N Cen	21,434	26,739	28,667	34,101	349,771	19	373,318	20
W N Cen	9,316	10,793	10,925	11,494	128,888	15	131,327	14
West	41,949	43,642	42,060	49,718	509,703	27	416,778	27

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

**Lowfat Cottage Cheese: Production by Month, State,
and United States, 1999 and Total 1998-99¹**

State	1999							
	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	5,110	4,867	6,205	5,457	5,222	5,992	6,129	6,218
IL	1,915	1,816	2,083	1,852	1,992	2,013	1,911	1,363
IN	389	413	338	392	442	458	540	606
IA	671	694	929	830	838	821	935	1,143
KY	693	775	823	871	851	716	820	853
NY	6,610	7,026	8,124	7,743	6,917	8,050	7,664	7,572
ND	114	135	141	145	132	130	125	162
OH	2,075	2,393	2,903	1,270	2,503	2,693	2,628	2,135
OK	117	174	201	162	131	164	162	202
OR	408	327	456	454	449	462	451	451
PA	578	653	691	636	663	628	633	549
TN	476	461	432	390	474	522	578	466
TX	383	383	380	386	372	374	377	427
WI	1,139	1,382	1,456	1,453	1,429	1,322	1,257	1,272
Oth Sts ²	7,034	6,661	8,928	7,653	7,579	7,929	7,700	8,431
US	27,712	28,160	34,090	29,694	29,994	32,274	31,910	31,850
N Atl	7,348	7,858	8,992	8,571	7,778	8,863	8,482	8,315
S Atl	1,295	1,640	1,761	1,674	1,486	1,360	1,520	1,521
E N Cen	5,811	6,367	7,179	5,561	6,753	6,889	6,731	5,801
W N Cen	2,798	2,709	4,273	3,319	3,436	3,269	3,376	3,928
S Cen	1,669	1,793	1,836	1,809	1,828	1,776	1,937	1,948
West	8,791	7,793	10,049	8,760	8,713	10,117	9,864	10,337
	1999						1998	
	Sep	Oct	Nov	Dec	Total	Plants	Total	Plants
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>Number</i>	<i>1,000 Lbs</i>	<i>Number</i>
CA	6,022	6,062	5,511	4,787	67,582	6	65,691	6
IL	2,017	1,781	1,643	1,830	22,216	4	23,524	5
IN	520	480	382	404	5,364	3	7,270	3
IA	994	977	1,022	946	10,800	3	8,023	3
KY	671	696	672	555	8,996	3	9,130	3
NY	7,924	6,321	5,974	6,325	86,250	8	87,291	8
ND	125	121	127	116	1,573	1	1,466	2
OH	2,282	2,073	1,887	1,945	26,787	8	23,926	9
OK	162	169	174	150	1,968	3	1,963	3
OR	459	457	454	404	5,232	8	6,448	8
PA	606	627	500	500	7,264	3	7,547	4
TN	498	489	421	472	5,679		6,108	3
TX	368	380	372	341	4,543	3	5,280	3
WI	1,093	1,024	1,100	986	14,913	4	19,183	4
Oth Sts ²	8,031	7,670	6,802	6,755	91,173	33	88,396	38
US	31,772	29,327	27,041	26,516	360,340	92	361,246	102
N Atl	8,721	7,144	6,639	6,992	95,703	13	97,483	15
S Atl	1,748	1,586	1,398	1,296	18,285	6	18,055	7
E N Cen	6,279	5,699	5,426	5,513	74,009	21	78,354	23
W N Cen	3,531	3,268	3,262	3,149	40,318	12	35,328	13
S Cen	1,699	1,734	1,639	1,518	21,186	11	23,227	13
West	9,794	9,896	8,677	8,048	110,839	29	108,799	31

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, 1999 and Total 1998-99¹**

State	1999							
	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	2,962	2,533	3,163	2,920	2,754	3,104	2,950	2,993
IL	2,547	2,694	3,147	2,990	3,037	3,192	2,982	2,243
IN	904	988	948	1,042	1,095	1,154	1,458	1,520
IA	822	934	1,013	1,050	1,059	1,080	1,268	1,369
KY	1,326	1,476	1,575	1,768	1,656	1,550	1,826	2,041
NY	4,158	4,365	5,073	5,003	5,185	5,505	5,391	5,598
ND	27	31	38	28	31	26	29	30
OH	1,379	1,529	1,686	1,438	1,435	1,449	1,498	1,626
OR	420	299	422	413	410	414	415	421
PA	984	1,177	1,329	1,144	1,229	1,099	1,099	1,003
TN	670	646	653	685	749	826	707	757
TX	475	475	471	478	459	466	472	513
VA	309	418	404	458	446	438	485	478
WI	1,229	1,237	1,456	1,330	1,370	1,313	1,112	1,139
Oth Sts ²	8,853	8,822	10,268	10,435	10,290	9,559	10,204	10,334
US	27,065	27,624	31,646	31,182	31,205	31,175	31,896	32,065
N Atl	5,425	5,839	6,766	6,505	6,797	6,958	6,887	6,997
S Atl	1,429	1,512	1,704	1,498	1,669	1,629	1,581	1,737
E N Cen	7,354	7,818	8,826	8,463	8,416	8,483	8,508	7,998
W N Cen	3,191	3,302	3,634	3,774	3,792	3,819	4,002	4,447
S Cen	2,701	2,834	2,949	3,246	3,116	3,114	3,279	3,609
West	6,965	6,319	7,767	7,696	7,415	7,172	7,639	7,277
	1999						1998	
	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	2,874	2,942	2,734	2,487	34,416	7	33,247	6
IL	3,093	2,900	2,185	2,107	33,117	4	35,559	5
IN	1,135	1,067	949	986	13,246	3	20,343	4
IA	1,234	1,229	1,260	1,106	13,424	3	11,388	3
KY	1,720	1,395	1,587	1,183	19,103	3	17,835	3
NY	5,009	4,579	4,647	4,427	58,940	9	55,360	10
ND	26	24	35	25	350	1	301	2
OH	1,488	1,236	1,191	1,164	17,119	10	20,113	11
OR	416	407	418	357	4,812	7	6,591	7
PA	995	1,126	898	827	12,910	2	14,225	4
TN	926	818	755	797	8,989	3	8,318	4
TX	481	513	484	502	5,789	4	7,307	4
VA	447	457	237	392	4,969	2	4,794	3
WI	1,060	1,038	1,234	1,144	14,662	3	17,839	3
Oth Sts ²	10,684	10,242	10,358	9,686	119,735	33	113,541	38
US	31,588	29,973	28,972	27,190	361,581	94	366,761	107
N Atl	6,375	6,067	5,894	5,538	76,048	13	73,933	18
S Atl	1,803	1,563	1,515	1,606	19,246	5	18,373	6
E N Cen	8,540	7,628	7,532	6,745	96,311	22	110,229	25
W N Cen	3,856	3,788	3,812	3,572	44,989	12	39,248	13
S Cen	3,368	2,995	3,128	2,717	37,056	13	37,645	15
West	7,646	7,932	7,091	7,012	87,931	29	87,333	30

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, 1999 and Total 1998-99¹**

State	1999							
	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	4,892	3,937	5,009	4,403	4,438	4,821	4,624	4,672
IL	2,220	2,212	2,614	2,409	2,489	2,568	2,379	1,601
IN	789	845	917	938	1,161	949	1,205	1,098
IA	906	992	1,100	1,129	1,154	1,137	1,305	1,506
KY	1,183	1,268	1,356	1,472	1,412	1,275	1,514	1,660
MO	850	640	903	1,057	935	1,064	923	1,092
NY	7,241	7,275	8,602	8,614	8,546	9,058	8,571	8,512
ND	84	96	108	110	95	84	94	110
OH	1,698	2,020	2,347	1,921	2,078	2,113	2,033	1,831
OK	180	215	232	249	195	223	221	266
OR	503	418	610	603	596	598	598	600
PA	1,349	1,560	1,749	1,737	1,611	1,701	1,662	1,551
TN	625	608	596	593	678	763	698	649
TX	774	774	766	779	748	755	767	854
VA	709	860	923	953	810	797	904	919
WI	1,452	1,650	1,839	1,738	1,800	1,673	1,522	1,554
Oth Sts ²	10,067	9,420	11,464	10,760	11,064	10,770	11,471	11,174
US	35,522	34,790	41,135	39,465	39,810	40,349	40,491	39,649
N Atl	9,180	9,348	11,043	10,954	10,871	11,337	10,879	10,698
S Atl	1,907	2,207	2,214	2,262	2,108	2,003	2,149	2,129
E N Cen	7,901	8,545	9,860	8,990	9,489	9,205	9,114	8,070
W N Cen	3,653	3,148	4,234	4,254	4,311	4,277	4,328	5,018
S Cen	2,762	2,865	2,950	3,093	3,033	3,016	3,200	3,429
West	10,119	8,677	10,834	9,912	9,998	10,511	10,821	10,305
	1999					1998		
	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	4,458	4,541	4,130	3,595	53,520	7	54,206	8
IL	2,471	2,136	7,969	2,243	33,311	4	31,063	5
IN	973	801	805	830	11,311	3	15,983	4
IA	1,318	1,291	1,362	1,214	14,414	3	12,303	3
KY	1,395	1,212	1,319	1,021	16,087	3	19,328	4
MO	902	949	929	790	11,034	5	7,801	4
NY	7,950	6,819	7,013	7,193	95,394	11	97,765	11
ND	86	83	92	81	1,123	1	1,067	2
OH	2,179	1,874	1,828	1,778	23,700	10	22,650	11
OK	230	247	280	229	2,767	3	3,002	3
OR	596	602	602	528	6,854	8	9,796	8
PA	1,437	1,594	1,364	1,303	18,618	5	17,768	5
TN	781	718	654	703	8,066	3	7,861	4
TX	763	807	769	757	9,313	4	9,926	4
VA	1,123	1,040	859	699	10,596	3	10,389	3
WI	1,409	1,388	1,580	1,469	19,074	3	23,442	3
Oth Sts ²	11,928	10,903	10,639	10,627	130,287	27	121,409	32
US	39,999	37,005	42,194	35,060	465,469	103	465,759	114
N Atl	10,025	9,146	8,911	9,197	121,589	19	121,409	21
S Atl	2,481	2,274	2,191	1,982	25,907	6	25,553	6
E N Cen	9,438	8,035	14,229	8,084	110,960	22	115,604	25
W N Cen	4,445	4,298	4,260	4,043	50,269	13	44,724	13
S Cen	3,169	2,984	3,022	2,710	36,233	13	40,726	16
West	10,441	10,268	9,581	9,044	120,511	30	117,743	33

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 Whole Milk, Bulk: Production by Month,
State, and United States, 1999 and Total 1998-99**

State	1999							
	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>
US	7,007	6,837	8,691	7,919	8,274	7,827	7,834	9,310
Atlantic	3,523	3,807	4,213	4,013	4,096	3,993	4,460	4,963
Central	854	633	1,277	933	1,439	1,155	1,084	1,025
West	2,630	2,397	3,201	2,973	2,739	2,679	2,290	3,322
	1999					1998		
	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>
US	8,154	6,377	5,632	5,432	89,294	14	91,216	13
Atlantic	4,151	3,555	3,430	2,523	46,727	5	46,218	5
Central	1,026	1,019	607	1,179	12,231	5	14,429	5
West	2,977	1,803	1,595	1,730	30,336	4	30,569	3

¹ 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, 1999 and Total 1998-99**

State	1999							
	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	56,322	54,721	62,997	57,225	58,337	53,187	52,144	54,309
NM								
Oth								
Sts ¹	31,813	36,223	43,965	59,521	60,867	57,425	49,642	44,757
US	88,135	90,944	106,962	116,746	119,204	110,612	101,786	99,066
N Atl	11,112	13,399	16,090	19,927	18,520	19,757	18,672	16,002
E N Cen	8,654	9,617	11,175	20,267	20,028	17,358	11,286	12,456
W N Cen	1,037	1,771	2,098	3,926	4,737	3,509	3,659	2,720
West	57,622	55,823	64,539	58,837	60,110	55,217	53,815	55,909
	1999					1998		
	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	51,903	50,494	48,420	48,701	648,760	13	547,715	14
NM							1,760	1
Oth								
Sts ¹	32,598	28,045	30,931	39,789	515,576	30	504,287	31
US	84,501	78,539	79,351	88,490	1,164,336	43	1,053,762	46
N Atl	8,842	10,023	10,605	13,556	176,505	12	149,912	10
E N Cen	9,643	7,663	8,030	10,417	146,594	5	119,234	6
W N Cen	3,315	3,194	2,408	2,321	34,695	6	40,669	8
West	53,532	51,063	48,917	49,061	664,445	14	569,378	16

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

**Yogurt, Plain and Flavored: Production by Month, State,
and United States, 1999 and Total 1998-99**

State	1999							
	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	22,689	22,751	27,046	22,727	24,821	24,573	23,256	26,872
IL								
NY	19,795	21,916	23,592	21,120	23,041	21,961	18,783	22,539
ND	1	4		3				
WI	4,248	5,319	5,916	5,610	5,423	6,036	5,837	5,857
Oth Sts ¹	90,068	90,574	107,699	93,510	94,113	100,044	88,554	95,882
US	136,801	140,564	164,253	142,970	147,398	152,614	136,430	151,150
N Atl	32,578	34,589	37,080	38,296	41,649	42,066	38,699	43,005
S Atl	2,388	2,824	2,800	2,735	2,536	2,761	2,848	2,821
E N Cen	51,272	52,138	61,137	50,778	48,671	53,840	44,534	48,574
W N Cen	3,275	2,747	4,024	3,491	3,406	3,174	3,448	3,572
S Cen	15,757	15,782	20,343	14,992	15,154	15,117	13,331	15,698
West	31,531	32,484	38,869	32,678	35,982	35,656	33,570	37,480
	1999						1998	
	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	27,040	25,612	22,276	22,936	292,599	20	200,363	18
IL							16,593	4
NY	21,281	18,896	15,436	21,724	250,084	15	233,126	16
ND					8	1	23	1
WI	5,678	6,069	5,347	5,251	66,591	2	63,274	3
Oth Sts ¹	104,501	88,652	84,820	98,482	1,136,899	48	1,125,613	48
US	158,500	139,229	127,879	148,393	1,746,181	86	1,638,992	90
N Atl	37,821	35,518	29,796	37,906	449,003	22	384,404	23
S Atl	2,664	2,355	2,780	2,314	31,826	5	68,944	6
E N Cen	58,044	48,967	47,281	59,109	624,345	13	592,855	14
W N Cen	3,258	2,870	2,921	2,932	39,118	9	47,483	10
S Cen	19,159	13,618	12,794	14,501	186,246	7	217,995	7
West	37,554	35,901	32,307	31,631	415,643	30	327,311	30

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, 1999 and Total 1998-99**

State	1999							
	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	51,036	46,623	57,108	60,575	60,673	52,901	49,652	52,335
MN & WI	3,366	2,014	2,416	2,178	2,040	1,602	1,245	1,351
NM	5,528	4,934	6,085	4,828	5,403	4,512	2,300	4,014
ND	21	72	139	64	99	138		
PA								
WA	15,478	14,652	13,901	14,983	15,974	17,450	17,441	14,474
Oth Sts ¹	45,116	47,532	49,129	50,760	52,528	42,023	28,638	23,590
US	120,545	115,827	128,778	133,388	136,717	118,626	99,276	95,764
Atlantic	22,444	21,185	22,044	24,937	23,845	18,143	11,629	11,942
E N Cen	5,943	6,859	6,516	4,933	7,427	5,381	2,961	916
W N Cen	9,377	8,819	9,490	9,339	9,194	8,807	6,506	3,956
S Cen	4,876	6,143	6,384	7,244	7,253	5,623	4,763	4,636
West	77,905	72,821	84,344	86,935	88,998	80,672	73,417	74,314
	1999						1998	
	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	49,831	50,883	54,761	64,277	650,655	11	507,135	10
MN & WI	1,370	1,638	1,357	1,284	21,861	6	21,412	6
NM	4,014	994	1,282	4,939	48,833	1	39,135	1
ND			29	95	657	1	289	1
PA							75,426	4
WA	15,549	16,107	10,856	15,199	182,064	3	140,161	3
Oth Sts ¹	24,709	35,647	34,147	40,301	474,120	25	351,825	23
US	95,473	105,269	102,432	126,095	1,378,190	47	1,135,383	48
Atlantic	12,659	16,726	13,657	14,427	213,638	10	192,045	10
E N Cen	1,750	3,912	5,149	6,672	58,419	7	56,961	8
W N Cen	4,972	8,141	8,029	8,780	95,410	7	87,151	7
S Cen	1,254	1,484	1,532	3,556	54,748	4	59,034	6
West	74,838	75,006	74,065	92,660	955,975	19	740,192	17

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, 1999 and Total 1998-99**

State	1999							
	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	179	119	210	206	265	279	226	227
ND		1	1	1	1	1		
WA	61	47	75	66	5	35	68	17
Oth Sts ¹	155	141	168	117	181	216	120	86
US	395	308	454	390	452	531	414	330
Atlantic	55	20	44	14	46	53	27	11
Central	85	107	111	80	133	128	90	65
West	255	181	299	296	273	350	297	254
	1999						1998	
	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	279	220	280	241	2,731	9	1,852	10
ND				1	6	1	3	1
WA	39				413	3	707	3
Oth Sts ¹	74	113	105	191	1,667	16	1,768	15
US	392	333	385	433	4,817	29	4,330	29
Atlantic	20	39	14	18	361	4	614	5
Central	40	63	79	97	1,078	12	1,020	10
West	332	231	292	318	3,378	13	2,696	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, 1999 and Total 1998-99**

State	1999							
	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	3,298	2,759	2,884	2,806	2,726	2,070	1,408	1,976
MN	654	565	546	423	435	211	116	27
Oth Sts ¹	2,290	2,346	2,227	1,821	1,574	1,323	1,341	1,032
US	6,242	5,670	5,657	5,050	4,735	3,604	2,865	3,035
	1999						1998	
	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	2,120	2,818	2,585	3,102	30,552	7	26,637	7
MN	94	166	187	114	3,538	3	5,168	4
Oth Sts ¹	1,312	1,573	1,432	1,474	19,745	13	18,288	17
US	3,526	4,557	4,204	4,690	53,835	23	50,093	28

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

**Lactose: Production by Month, State,
and United States, 1999 and Total 1998-99 ¹**

State	1999							
	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>
MN	7,664	7,742	8,250	9,308	8,856	7,082	7,452	8,300
WI	7,440	7,436	8,868	8,347	7,473	7,136	7,387	7,615
Oth Sts ²	22,676	20,992	26,367	24,347	23,989	22,801	22,976	22,082
US	37,780	36,170	43,485	42,002	40,318	37,019	37,815	37,997
E N Cen	8,516	8,533	9,973	9,282	8,576	8,307	8,397	8,685
W N Cen	12,900	12,985	14,356	14,944	14,337	12,665	12,945	13,917
West	14,393	13,324	17,410	15,754	15,290	14,387	14,726	14,103
	1999						1998	
	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>
MN	8,110	8,522	8,960	9,900	100,146	6	116,297	6
WI	8,505	7,862	8,455	8,737	95,261	8	94,989	9
Oth Sts ²	22,208	22,467	23,613	23,900	278,418	15	256,363	14
US	38,823	38,851	41,028	42,537	473,825	29	467,649	29
E N Cen	9,420	8,886	9,450	9,634	107,659	9	107,264	10
W N Cen	13,206	13,736	14,826	15,602	166,419	10	181,550	10
West	15,037	15,124	15,920	15,960	181,428	8	157,257	7

¹ Includes product made for both human food and animal feed.

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

**Whey Protein Concentrate, Human: Production by Month, State,
and United States, 1999 and Total 1998-99¹**

State	1999							
	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	7,514	7,208	8,181	8,054	7,636	7,575	7,346	7,842
MN	4,654	4,135	5,222	4,390	4,353	4,379	3,463	4,007
WI	3,836	3,546	4,761	4,409	4,208	3,995	4,487	4,212
Oth Sts ²	11,417	9,721	9,491	9,427	12,152	11,370	11,036	10,992
US	27,421	24,610	27,655	26,280	28,349	27,319	26,332	27,053
Central	13,331	11,894	14,480	11,915	13,558	13,095	12,677	12,883
West	13,964	12,621	13,043	14,330	14,690	14,013	13,546	14,060
	1999						1998	
	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	8,110	7,893	7,602	7,867	92,828	8	73,523	9
MN	4,244	3,954	4,144	5,182	52,127	8	52,034	6
WI	3,683	4,684	4,403	4,621	50,845	7	31,116	8
Oth Sts ²	10,317	10,805	13,494	11,956	132,178	8	109,220	9
US	26,354	27,336	29,643	29,626	327,978	31	265,893	32
Central	11,954	12,961	13,405	14,305	156,458	19	136,919	19
West	14,228	14,266	16,152	15,175	170,088	11	127,778	12

¹ Contains not less than 25.0 percent or more than 79.9 percent protein.

² 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, 1999 and Total 1998-99**

State	1999							
	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	9,754	8,724	10,243	9,382	9,036	7,870	9,436	9,719
MN	8,680	7,813	9,813	8,389	8,608	8,884	7,962	7,331
NY	9,456	9,465	9,847	10,642	10,565	10,682	9,932	10,103
PA	9,294	9,245	9,808	10,542	10,959	10,458	7,305	6,532
UT	1,338	1,628	2,261	2,523	2,398	2,075	1,891	1,865
WA	5,902	4,729	7,135	7,240	6,862	5,056	6,803	6,698
WI	22,967	21,695	22,489	22,470	24,687	24,449	24,168	24,159
Oth Sts ¹	21,319	20,410	23,351	20,841	22,552	22,678	23,107	26,057
US	88,710	83,709	94,947	92,029	95,667	92,152	90,604	92,464
Atlantic	18,750	18,710	19,655	21,184	21,524	21,140	17,237	16,635
Central	41,619	38,442	42,427	40,288	43,956	44,057	42,273	40,609
West	28,341	26,557	32,865	30,557	30,187	26,955	31,094	35,220
	1999						1998	
	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	8,758	9,413	9,332	9,686	111,353	5	116,401	6
MN	6,943	6,643	6,437	7,547	95,050	9	103,730	8
NY	9,847	9,734	9,234	10,510	120,017	5	113,042	5
PA	7,653	7,014	8,126	7,850	104,786	4	102,378	4
UT	1,104	1,943	2,097	2,073	23,196	2	19,021	2
WA	7,901	6,187	6,842	6,963	78,318	3	93,507	3
WI	20,853	22,827	20,742	24,837	276,343	9	286,453	10
Oth Sts ¹	21,634	23,841	23,662	24,920	274,372	9	260,851	11
US	84,693	87,602	86,472	94,386	1,083,435	46	1,095,383	49
Atlantic	17,500	16,748	17,360	18,360	224,803	9	225,623	10
Central	36,911	38,082	36,466	42,286	487,416	24	507,183	25
West	30,282	32,772	32,646	33,740	371,216	13	362,577	14

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, 1999 and Total 1998-99**

State	1999							
	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>
MN								
NY	676	163	263	193	477	225	322	171
UT	883	499	136	58	146	28	84	84
WA								
WI	2,840	2,141	2,482	2,108	2,162	2,527	3,174	2,609
Oth Sts ¹	3,139	3,497	4,389	3,701	4,069	4,013	3,722	3,601
US	7,538	6,300	7,270	6,060	6,854	6,793	7,302	6,465
Atlantic	712	184	278	206	498	238	350	190
Central	5,391	4,744	5,787	4,849	5,207	5,524	5,873	5,211
West	1,435	1,372	1,205	1,005	1,149	1,031	1,079	1,064
	1999						1998	
	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>
MN							2,742	4
NY	404	150	113	409	3,566	5	4,068	5
UT	763	220	196	22	3,119	2	5,982	2
WA							1,124	3
WI	2,481	2,160	2,340	2,453	29,477	11	28,346	11
Oth Sts ¹	3,188	3,772	3,412	3,711	44,214	16	40,616	14
US	6,836	6,302	6,061	6,595	80,376	34	82,878	39
Atlantic	429	179	130	424	3,818	6	4,685	7
Central	4,992	5,107	4,819	5,177	62,681	19	62,216	22
West	1,415	1,016	1,112	994	13,877	9	15,977	10

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, 1999 and Total 1998-99¹**

State	1999						
	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	7,451	9,060	11,058	11,954	12,631	15,507	14,535
FL	1,730	2,001	2,235	1,945	2,249	2,590	1,910
IN	5,293	5,135	5,798	6,313	5,398	6,758	6,876
MI	1,010	1,317	1,652	1,933	1,791	2,283	2,194
MN	2,369	3,256	3,820	4,136	4,279	5,073	4,065
MO	1,350	1,582	1,878	1,716	1,639	1,912	1,908
NY	2,244	2,779	3,181	3,088	3,243	3,731	4,013
NC	1,271	1,475	1,835	1,792	2,113	2,977	2,251
ND	62	92	115	113	148	187	157
OH	2,442	2,866	3,544	3,245	3,292	3,794	3,597
OR	782	800	1,011	1,054	1,140	1,241	1,214
PA	3,492	3,682	4,979	4,565	5,528	6,449	5,830
SD	3	2	3	3	3	4	9
TN	1,374	1,237	1,794	1,482	1,575	1,933	1,555
TX	4,153	5,092	5,653	5,502	5,901	6,935	6,608
UT	753	919	1,266	1,167	1,236	1,583	1,206
WA	1,242	1,192	1,913	1,684	1,746	2,319	2,428
WI							
Oth Sts ²	28,980	28,471	32,944	33,637	31,292	34,324	35,630
US	66,001	70,958	84,679	85,329	85,204	99,600	95,986
N Atl	14,005	12,702	16,895	17,719	18,276	19,771	21,202
S Atl	7,539	7,875	9,295	9,539	9,802	11,136	10,196
E N Cen	12,523	13,305	16,036	16,027	14,724	18,322	17,488
W N Cen	9,639	11,801	12,770	10,597	10,147	11,544	10,975
S Cen	8,417	9,665	10,766	11,013	11,078	13,327	12,209
West	13,878	15,610	18,917	20,434	21,177	25,500	23,916

See footnotes at end of table.

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**Ice Cream, Regular, Total: Production by Month, State, and United States,
1999 and Total 1998-99 ¹ (continued)**

State	1999						1998
	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	13,190	10,539	9,330	8,890	7,230	131,375	116,192
FL	2,063	2,194	2,072	1,844	1,712	24,545	25,590
IN	5,860	6,751	5,602	3,776	5,088	68,648	64,251
MI	2,164	1,626	1,314	990	1,298	19,572	24,198
MN	4,314	4,273	3,227	3,137	3,026	44,975	42,521
MO	1,884	1,477	1,274	900	819	18,339	19,802
NY	2,957	2,716	2,676	2,406	2,438	35,472	34,005
NC	2,155	1,937	1,407	1,192	1,119	21,524	21,603
ND	162	104	98	125	123	1,486	1,141
OH	3,467	2,909	2,522	2,445	2,507	36,630	40,427
OR	1,044	832	900	741	747	11,506	10,542
PA	6,115	5,624	4,263	4,771	4,154	59,452	49,118
SD	3	4	3	3	2	42	
TN	1,383	1,471	1,113	1,059	1,047	17,023	16,956
TX	6,310	5,733	4,980	6,829	5,989	69,685	59,168
UT	1,190	1,177	1,201	1,087	901	13,686	12,629
WA	2,260	1,908	1,346	1,118	1,222	20,378	20,137
WI							11,489
Oth Sts ²	34,040	28,243	25,397	23,775	22,995	359,728	365,311
US	90,561	79,518	68,725	65,088	62,417	954,066	935,080
N Atl	19,816	15,807	12,656	14,022	12,632	195,503	196,723
S Atl	9,779	8,539	8,086	6,777	6,123	104,686	100,580
E N Cen	16,392	15,866	13,304	10,275	12,154	176,416	177,522
W N Cen	10,712	10,260	8,974	8,599	8,632	124,650	135,858
S Cen	12,281	10,952	9,314	10,805	10,194	130,021	117,353
West	21,581	18,094	16,391	14,610	12,682	222,790	207,044

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, 1999 and Total 1998-99**

State	1999							
	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	6,588	8,012	9,794	10,474	11,182	13,764	12,853	11,648
FL	1,574	1,816	2,029	1,764	2,041	2,348	1,731	1,878
GA								
IL	2,659	2,746	3,538	3,123	2,791	3,720	3,217	3,275
IN	5,241	5,086	5,744	6,251	5,348	6,697	6,810	5,805
ME	55	55	83	97	124	155	164	133
MD	1,555	1,443	1,850	1,912	1,742	1,740	1,956	2,006
MA	5,630	3,339	4,692	6,226	5,289	4,757	6,661	6,038
MI	1,006	1,313	1,646	1,925	1,784	2,274	2,186	2,155
MN	2,312	3,180	3,735	4,040	4,179	4,955	3,967	4,215
NH	25	31	41	37	37	62	59	50
NM	219	219	219	219	219	219	219	219
NY	2,025	2,497	2,847	2,706	2,850	3,258	3,516	2,599
NC	1,172	1,360	1,704	1,644	1,949	2,779	2,087	1,991
ND	62	92	115	113	148	187	157	162
OH	2,407	2,825	3,495	3,195	3,245	3,739	3,545	3,416
OR	696	712	899	945	1,013	1,108	1,082	930
PA	2,871	3,006	4,063	3,715	4,514	5,250	4,740	4,981
SD	2	2	2	2	2	2	3	2
TN	1,340	1,205	1,750	1,441	1,533	1,887	1,514	1,346
TX	3,600	4,446	4,906	4,755	5,089	5,994	5,704	5,461
UT	630	773	1,032	952	1,025	1,310	1,000	993
WA	1,215	1,168	1,874	1,649	1,709	2,275	2,380	2,212
WI								
Oth Sts ¹	17,645	19,670	21,143	20,262	19,093	21,583	21,154	20,234
US	60,529	64,996	77,201	77,447	76,906	90,063	86,705	81,749
N Atl	12,180	10,833	14,263	14,901	15,129	16,183	17,546	16,307
S Atl	6,972	7,279	8,618	8,787	9,037	10,291	9,425	9,048
E N Cen	11,970	12,715	15,297	15,299	14,003	17,452	16,676	15,587
W N Cen	9,195	11,294	12,220	10,122	9,675	11,002	10,431	10,201
S Cen	7,674	8,831	9,808	10,054	10,032	12,165	11,104	11,230
West	12,538	14,044	16,995	18,284	19,030	22,970	21,523	19,376

See footnotes at end of table.

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**Ice Cream, Regular, Hard: Production by Month, State, and United States,
1999 and Total 1998-99 (continued)**

State	1999					1998		
	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	9,305	8,189	7,780	6,367	115,956	26	104,112	26
FL	1,993	1,882	1,672	1,556	22,284	22	23,334	21
GA							7,132	4
IL	3,160	2,714	2,042	2,256	35,241	21	36,205	20
IN	6,691	5,550	3,741	5,044	68,008	14	63,951	16
ME	87	55	55	55	1,118	8	2,412	8
MD	1,483	1,615	1,341	1,300	19,943	8	19,330	9
MA	3,834	2,590	3,950	3,064	56,070	15	55,027	16
MI	1,619	1,309	986	1,293	19,496	17	23,276	20
MN	4,186	3,163	3,076	2,963	43,971	4	41,400	4
NH	39	27	29	24	461	4	414	4
NM	219	219	219	219	2,628	1	4,622	1
NY	2,422	2,426	2,164	2,188	31,498	52	29,759	55
NC	1,789	1,276	1,093	1,037	19,881	11	20,847	12
ND	104	98	125	123	1,486	3	1,141	3
OH	2,868	2,486	2,409	2,470	36,100	28	40,427	31
OR	743	806	663	666	10,263	9	9,546	10
PA	4,599	3,478	3,921	3,413	48,551	36	44,210	38
SD	2	2	2	2	25	3	28	3
TN	1,436	1,083	1,034	1,019	16,588	4	16,629	3
TX	4,986	4,316	5,971	5,233	60,461	13	53,387	13
UT	982	999	913	760	11,369	10	10,869	11
WA	1,871	1,319	1,095	1,198	19,965	6	19,429	7
WI							8,795	16
Oth Sts ¹	17,860	16,688	14,713	14,793	224,838	109	230,000	102
US	72,278	62,290	58,994	57,043	866,201	424	866,282	453
N Atl	13,152	10,423	11,960	10,748	163,625	135	175,242	145
S Atl	7,881	7,426	6,287	5,696	96,747	51	96,066	55
E N Cen	15,170	12,712	9,780	11,641	168,302	96	172,654	103
W N Cen	9,803	8,573	8,165	8,278	118,959	29	125,097	31
S Cen	10,013	8,468	9,785	9,266	118,430	36	109,568	38
West	16,259	14,688	13,017	11,414	200,138	77	187,655	81

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, 1999 and Total 1998-99¹**

State	1999						
	Jan	Feb	Mar	Apr	May	Jun	Jul
	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>	<i>1,000 Gallons</i>
CA ²	2,157	2,465	3,040	2,826	3,310	3,933	3,868
FL	1,401	1,335	1,530	1,593	1,644	1,688	1,692
IN	2,146	2,279	2,789	2,566	2,581	2,337	1,945
LA	232	215	284	270	193	312	276
MD ³	356	380	476	332	500	550	576
MI	811	1,014	1,501	1,303	2,121	2,341	2,494
MO	1,040	1,084	1,387	1,461	1,293	1,402	1,612
MT	66	79	140	146	153	196	208
NY	366	482	803	750	830	970	862
ND	56	71	135	140	170	174	212
OR ⁴	412	427	533	632	539	776	733
PA	913	1,206	1,048	1,020	1,087	1,330	1,192
TN	442	365	596	571	564	707	611
UT	363	452	731	465	575	620	635
WA	347	353	516	521	426	562	641
Oth Sts ⁵	12,761	14,779	18,781	21,131	22,694	23,948	23,236
US	23,869	26,986	34,290	35,727	38,680	41,846	40,793
N Atl	3,197	3,945	4,663	5,314	5,213	4,825	4,016
S Atl	4,026	4,374	5,096	5,690	6,092	6,543	6,577
E N Cen	5,419	6,416	8,752	9,109	10,821	11,297	10,981
W N Cen	2,934	3,362	4,389	4,431	4,615	4,926	5,220
S Cen	3,485	3,521	4,342	4,676	4,676	5,238	5,188
West	4,808	5,368	7,048	6,507	7,263	9,017	8,811
	1999						1998
	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	3,157	3,151	2,798	2,422	2,557	35,684	42,979
FL	1,577	1,446	1,369	1,361	1,279	17,915	18,851
IN	1,969	1,831	2,241	1,705	1,740	26,129	25,100
LA	289	262	229	221	207	2,990	3,156
MD ³	531	613	446	295	316	5,371	5,738
MI	2,028	1,482	925	968	824	17,812	18,583
MO	1,224	1,322	1,254	985	1,061	15,125	18,514
MT	189	105	87	112	115	1,596	1,489
NY	960	773	661	570	537	8,564	7,812
ND	143	92	86	55	49	1,383	1,380
OR ⁴	774	549	475	553	466	6,869	5,925
PA	1,459	1,431	1,195	1,004	1,007	13,892	13,937
TN	616	639	482	411	378	6,382	7,221
UT	848	587	491	447	373	6,587	6,002
WA	598	479	550	282	448	5,723	6,550
Oth Sts ⁵	23,203	18,196	15,354	14,152	13,394	221,629	223,442
US	39,565	32,958	28,643	25,543	24,751	393,651	406,679
N Atl	6,110	4,455	3,493	2,963	3,893	52,087	53,796
S Atl	5,919	5,282	4,602	3,974	3,690	61,865	62,951
E N Cen	10,337	8,197	7,074	6,208	5,509	100,120	99,696
W N Cen	4,405	3,687	3,169	2,927	2,885	46,950	48,638
S Cen	4,735	4,337	3,704	3,582	3,252	50,736	54,382
West	8,059	7,000	6,601	5,889	5,522	81,893	87,216

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 Includes substandard ice cream.

⁵ 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, 1999 and Total 1998-99**

State	1999							
	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	354	517	539	383	576	821	727	482
FL	202	120	139	107	189	202	159	186
GA								
IL	129	162	168	222	218	228	233	203
IN	2,111	2,234	2,732	2,511	2,546	2,291	1,900	1,928
MT	9	9	13	15	10	14	17	17
NY	74	81	205	152	170	201	134	219
NC	88	100	89	94	74	103	156	107
ND	8	7	18	6	19	8	19	6
OH								
OR	59	62	50	69	44	84	53	87
PA	188	232	343	264	331	377	311	339
TN	129	90	174	135	132	185	137	137
Oth Sts ¹	3,524	3,524	4,619	5,058	4,701	5,309	5,335	4,583
US	6,875	7,138	9,089	9,016	9,010	9,823	9,181	8,294
N Atl	831	810	1,114	1,351	1,046	1,095	965	1,301
S Atl	726	674	739	867	865	980	1,073	868
E N Cen	2,465	2,691	3,480	3,435	3,643	3,578	3,082	2,920
W N Cen	957	1,023	1,470	1,267	1,180	1,306	1,366	881
S Cen	1,098	1,021	1,200	1,132	1,147	1,303	1,265	1,154
West	798	919	1,086	964	1,129	1,561	1,430	1,170
	1999						1998	
	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	679	501	474	550	6,603	20	10,297	22
FL	183	154	178	112	1,931	9	1,851	10
GA							1,587	4
IL	200	148	119	145	2,175	9	2,872	10
IN	1,791	2,202	1,672	1,709	25,627	11	24,740	11
MT	10	11	9	7	141	3	159	3
NY	161	144	114	109	1,764	7	1,282	7
NC	129	64	90	46	1,140	8	1,107	8
ND	5	16	5	9	126	2	144	2
OH							2,597	19
OR	48	36	52	39	683	7	972	8
PA	384	273	248	240	3,530	17	3,531	18
TN	188	126	98	108	1,639	4	1,846	3
Oth Sts ¹	4,319	3,906	3,413	3,331	51,622	114	48,056	107
US	8,097	7,581	6,472	6,405	96,981	211	101,041	232
N Atl	912	808	729	958	11,920	36	12,003	37
S Atl	897	711	592	417	9,409	30	9,911	32
E N Cen	2,608	2,720	2,199	2,084	34,905	54	33,271	60
W N Cen	1,199	1,032	974	967	13,622	19	13,715	22
S Cen	1,298	1,099	1,067	1,002	13,786	21	14,981	23
West	1,183	1,211	911	977	13,339	51	17,160	58

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, 1999 and Total 1998-99**

State	1999						
	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	1,803	1,948	2,501	2,443	2,734	3,112	3,141
FL	1,199	1,215	1,391	1,486	1,455	1,486	1,533
IN	35	45	57	55	35	46	45
MT	57	70	127	131	143	182	191
NY	292	401	598	598	660	769	728
ND	48	64	117	134	151	166	193
OR	353	365	483	563	495	692	680
PA	725	974	705	756	756	953	881
TN	313	275	422	436	432	522	474
Oth Sts ¹	12,169	14,491	18,800	20,109	22,809	24,095	23,746
US	16,994	19,848	25,201	26,711	29,670	32,023	31,612
N Atl	2,366	3,135	3,549	3,963	4,167	3,730	3,051
S Atl	3,300	3,700	4,357	4,823	5,227	5,563	5,504
E N Cen	2,954	3,725	5,272	5,674	7,178	7,719	7,899
W N Cen	1,977	2,339	2,919	3,164	3,435	3,620	3,854
S Cen	2,387	2,500	3,142	3,544	3,529	3,935	3,923
West	4,010	4,449	5,962	5,543	6,134	7,456	7,381
	1999						1998
	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	2,675	2,472	2,297	1,948	2,007	29,081	32,682
FL	1,391	1,263	1,215	1,183	1,167	15,984	17,000
IN	41	40	39	33	31	502	360
MT	172	95	76	103	108	1,455	1,330
NY	741	612	517	456	428	6,800	6,530
ND	137	87	70	50	40	1,257	1,236
OR	687	501	439	501	427	6,186	4,953
PA	1,120	1,047	922	756	767	10,362	10,406
TN	479	451	356	313	270	4,743	5,375
Oth Sts ¹	23,828	18,293	15,131	13,728	13,101	220,300	225,766
US	31,271	24,861	21,062	19,071	18,346	296,670	305,638
N Atl	4,809	3,543	2,685	2,234	2,935	40,167	41,793
S Atl	5,051	4,385	3,891	3,382	3,273	52,456	53,040
E N Cen	7,417	5,589	4,354	4,009	3,425	65,215	66,425
W N Cen	3,524	2,488	2,137	1,953	1,918	33,328	34,923
S Cen	3,581	3,039	2,605	2,515	2,250	36,950	39,401
West	6,889	5,817	5,390	4,978	4,545	68,554	70,056

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, 1999 and Total 1998-99**

State	1999							
	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>
IL								
TN	71	43	74	60	66	92	77	63
Oth Sts ¹	1,253	812	1,040	1,146	1,065	1,106	1,078	1,082
US	1,324	855	1,114	1,206	1,131	1,198	1,155	1,145
N Atl	80	100	108	160	155	191	229	160
S Atl	408	422	500	629	504	513	539	527
Central	417	323	466	371	435	475	357	405
West	419	10	40	46	37	19	30	53
	1999						1998	
	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>
IL							699	3
TN	75	60	50	33	764	2	743	2
Oth Sts ¹	1,224	1,293	1,054	945	13,098	38	13,307	43
US	1,299	1,353	1,104	978	13,862	40	14,749	48
N Atl	118	121	87	93	1,602	10	1,591	12
S Atl	470	547	470	414	5,943	7	7,147	8
Central	677	628	529	464	5,547	18	5,606	23
West	34	57	18	7	770	5	405	5

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,
1999 and Total 1998-99 ¹**

State	1999						
	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	525	645	821	762	870	969	878
FL	68	102	106	99	111	134	94
ID							
IL	162	182	254	174	212	256	234
IN	125	262	274	200	198	286	198
MI	74	77	114	112	139	217	132
MO	75	56	73	65	65	62	136
NY	182	199	218	235	283	306	332
NC	114	106	129	179	173	243	170
ND	4	5	4	9	3	8	3
OH							
PA	163	94	159	163	184	181	214
TN	115	76	110	113	82	143	122
UT	66	127	141	189	150	152	166
WA	53	92	101	86	110	98	132
WI	54	62	61	71	64	73	61
Oth Sts ²	1,724	1,857	2,477	2,516	2,668	2,861	2,745
US	3,504	3,942	5,042	4,973	5,312	5,989	5,617
N Atl	561	488	619	743	892	874	957
S Atl	372	429	549	598	600	700	603
E N Cen	624	799	966	818	948	1,227	911
W N Cen	633	725	1,011	930	899	932	988
S Cen	370	374	507	513	482	572	620
West	944	1,127	1,390	1,371	1,491	1,684	1,538

See footnotes at end of table.

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**Sherbet, Total: Production by Month, State, and United States,
1999 and Total 1998-99 ¹ (continued)**

State	1999						1998
	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	914	612	581	519	212	8,308	7,264
FL	96	102	85	88	72	1,157	1,053
ID							435
IL	250	245	227	202	222	2,620	2,808
IN	229	268	211	155	149	2,555	2,294
MI	138	104	85	72	105	1,369	2,016
MO	72	91	56	61	47	859	1,007
NY	254	191	218	195	180	2,793	2,585
NC	122	124	93	113	122	1,688	1,692
ND	6	5	2	4	5	58	65
OH							3,234
PA	223	166	167	120	86	1,920	1,993
TN	96	118	66	52	69	1,162	1,065
UT	119	104	75	75	44	1,408	1,265
WA	103	97	67	48	41	1,028	1,160
WI	74	65	60	52	36	733	728
Oth Sts ²	2,761	2,220	1,753	1,883	1,787	27,252	23,928
US	5,457	4,512	3,746	3,639	3,177	54,910	54,592
N Atl	929	570	629	533	459	8,254	8,001
S Atl	530	474	396	325	362	5,938	6,107
E N Cen	952	938	767	705	753	10,408	11,080
W N Cen	1,070	896	478	679	603	9,844	10,731
S Cen	461	522	424	382	452	5,679	5,288
West	1,515	1,112	1,052	1,015	548	14,787	13,385

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,
1999 and Total 1998-99**

State	1999						
	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	511	629	799	731	846	942	854
FL	65	97	101	94	106	129	90
GA							
ID							
IL	127	144	198	130	165	196	180
IN	125	262	274	200	198	286	198
MD	77	94	96	94	153	109	161
MA	137	128	119	220	247	196	252
MI	65	68	102	100	126	198	117
NH	1	2			1	2	1
NM	15	15	15	15	15	15	15
NY	177	194	212	228	276	298	323
NC	103	95	115	163	155	225	152
ND	2	5	4	9	3	8	3
OH	209	216	263	261	335	395	286
PA	141	81	137	141	158	157	185
TN	113	74	108	111	80	141	120
TX	127	160	224	210	185	250	267
UT	60	115	128	169	135	136	149
WA	52	89	99	84	108	96	128
Oth Sts ¹	1,191	1,268	1,787	1,742	1,744	1,904	1,841
US	3,298	3,736	4,781	4,702	5,036	5,683	5,322
N Atl	516	458	574	692	831	813	892
S Atl	349	398	515	562	557	661	562
E N Cen	576	752	898	762	888	1,148	842
W N Cen	627	719	1,003	919	891	920	980
S Cen	356	361	486	497	466	557	601
West	874	1,048	1,305	1,270	1,403	1,584	1,445

See footnotes at end of table.

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**Sherbet, Hard: Production by Month, State, and United States,
1999 and Total 1998-99 (continued)**

State	1999						1998
	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	889	595	566	505	207	8,074	7,047
FL	92	97	80	84	69	1,104	1,017
GA							699
ID							345
IL	195	186	178	161	174	2,034	2,116
IN	229	268	211	155	149	2,555	2,294
MD	136	125	105	42	70	1,262	1,538
MA	259	125	119	131	82	2,015	1,675
MI	124	94	77	64	94	1,229	1,788
NH	2	1	2	1		13	11
NM	15	15	15	15	15	180	169
NY	247	186	212	190	175	2,718	2,508
NC	104	108	79	101	111	1,511	1,440
ND	6	5	2	4	5	56	62
OH	261	256	184	224	241	3,131	3,234
PA	193	144	144	103	75	1,659	1,823
TN	94	116	65	51	68	1,141	1,038
TX	156	194	160	166	171	2,270	2,079
UT	107	94	67	67	40	1,267	1,235
WA	101	95	66	47	40	1,005	1,107
Oth Sts ¹	1,944	1,569	1,200	1,335	1,213	18,738	18,133
US	5,154	4,273	3,532	3,446	2,999	51,962	51,358
N Atl	841	530	581	496	432	7,656	7,519
S Atl	497	445	376	306	347	5,575	5,751
E N Cen	883	869	710	656	694	9,678	10,160
W N Cen	1,062	889	475	674	600	9,759	10,302
S Cen	444	503	408	369	429	5,477	5,234
West	1,427	1,037	982	945	497	13,817	12,392

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,
1999 and Total 1998-99¹**

State	1999							
	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	225	210	466	413	393	540	356	509
FL	84	85	85	87	91	95	92	95
IL	49	29	71	66	56	79	47	53
KY	9	30	14	31	21	46	24	22
MA	1	1	2	2				
NY	83	153	202	613	557	749	867	672
OH	246	405	598	554	504	567	387	319
PA	324	422	541	612	292	472	649	535
TN	33	30	54	44	50	81	48	55
WA	41	97	179	123	159	245	192	174
Oth Sts ²	3,047	4,092	4,719	5,498	4,818	5,085	5,501	4,510
US	4,142	5,554	6,931	8,043	6,941	7,959	8,163	6,944
N Atl	652	891	1,039	1,466	1,144	1,424	1,723	1,456
S Atl	843	1,015	1,188	1,132	1,588	1,630	1,459	1,299
E N Cen	466	709	893	924	796	934	720	601
W N Cen	1,287	1,681	1,926	2,358	1,524	1,520	1,924	1,520
S Cen	280	253	450	406	385	741	634	616
West	614	1,005	1,435	1,757	1,504	1,710	1,703	1,452
	1999						1998	
	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	286	240	237	118	3,993	11	4,392	12
FL	95	99	82	86	1,076	17	553	15
IL	11	25	35	43	564	4	601	5
KY	16	14	18	15	260	4		
MA					6	3	43	3
NY	309	279	157	190	4,831	30	2,918	30
OH	314	163	89	173	4,319	7	4,578	7
PA	253	196	203	171	4,670	10	4,707	11
TN	44	32	37	12	520	3	459	3
WA	62	41	42	30	1,385	3	1,912	3
Oth Sts ²	3,287	3,235	2,339	2,132	48,263	65	52,932	76
US	4,677	4,324	3,239	2,970	69,887	157	73,095	165
N Atl	771	579	569	529	12,243	52	9,838	55
S Atl	928	884	756	619	13,341	30	16,029	28
E N Cen	468	472	204	334	7,521	20	8,136	23
W N Cen	1,188	1,132	741	711	17,512	5	17,010	7
S Cen	375	265	212	189	4,806	22	5,592	23
West	947	992	757	588	14,464	28	16,490	29

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, 1999 and Total 1998-99**

State	1999						
	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	313	265	401	419	404	456	436
IL	110	141	129	163	123	155	151
NY	60	54	64	119	95	111	126
NC	2	6	17	16	23	42	19
OH	81	129	98	162	169	244	155
PA	158	210	305	283	290	323	309
TN	45	50	77	45	43	82	58
UT	55	71	99	102	87	75	112
Oth Sts ¹	3,261	3,906	4,531	4,376	4,536	4,459	3,825
US	4,085	4,832	5,721	5,685	5,770	5,947	5,191
N Atl	590	713	843	869	921	857	748
S Atl	230	298	390	379	383	440	363
E N Cen	751	891	1,022	1,010	1,021	1,081	694
W N Cen	1,001	1,239	1,322	1,157	1,254	1,266	1,118
S Cen	901	1,094	1,281	1,429	1,376	1,312	1,256
West	612	597	863	841	815	991	1,012
	1999						1998
	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	344	266	258	223	192	3,977	5,276
IL	149	149	118	46	115	1,549	
NY	72	74	69	49	54	947	961
NC	7	18	8	2	8	168	254
OH	168	160	134	124	121	1,745	
PA	362	315	246	254	234	3,289	3,495
TN	82	86	34	34	40	676	907
UT	73	63	100	46	58	941	
Oth Sts ¹	4,103	3,591	2,853	2,695	2,654	44,790	49,886
US	5,360	4,722	3,820	3,473	3,476	58,082	60,779
N Atl	1,043	738	626	521	601	9,070	10,357
S Atl	368	337	266	314	201	3,969	3,846
E N Cen	623	642	396	371	464	8,966	10,351
W N Cen	1,225	1,079	927	904	895	13,387	10,830
S Cen	1,253	1,226	968	798	872	13,766	16,017
West	848	700	637	565	443	8,924	9,378

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, 1999 and Total 1998-99**

State	1999							
	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	3,804	4,642	5,600	6,597	6,415	7,750	7,438	6,878
FL	896	1,040	1,161	1,023	1,172	1,364	1,002	1,047
GA								
IL	1,441	1,441	1,885	1,674	1,614	2,000	1,844	1,882
IN	2,516	2,325	2,560	2,927	2,378	2,919	3,123	2,614
ME	24	25	39	39	54	68	73	58
MD	647	560	746	965	893	899	1,009	1,138
MA	2,964	1,741	2,448	3,231	2,754	2,540	3,495	3,207
MI	544	571	813	1,046	976	1,179	1,140	1,167
MN	1,252	1,676	1,865	2,113	2,181	2,568	2,131	2,158
MO	607	661	721	718	713	852	854	800
NY	1,187	1,554	1,824	2,107	2,161	2,608	2,725	1,976
NC	679	785	948	933	1,067	1,465	1,134	1,072
ND	31	41	57	55	70	93	75	81
OH	1,268	1,464	1,746	1,786	1,688	1,931	1,843	1,827
OR	419	421	534	522	606	634	633	550
PA	1,540	1,616	2,198	2,035	2,434	2,864	2,608	2,710
TN	712	659	905	849	868	960	854	780
TX	2,382	2,730	3,179	3,193	3,437	4,002	3,826	3,599
UT	368	442	716	655	645	832	629	603
WA	676	612	982	871	931	1,098	1,223	1,204
WI	414	500	615	648	691	820	752	742
Oth Sts ¹	9,389	10,087	11,030	10,776	10,515	11,749	11,469	11,090
US	33,760	35,593	42,572	44,763	44,263	51,195	49,880	47,183
N Atl	6,913	6,336	8,429	9,283	9,396	10,387	11,110	10,148
S Atl	3,644	3,807	4,475	4,782	4,920	5,734	5,097	4,989
E N Cen	6,183	6,301	7,619	8,081	7,347	8,849	8,702	8,232
W N Cen	5,454	6,325	6,840	5,739	5,685	6,497	6,341	6,049
S Cen	4,439	4,957	5,613	5,901	6,011	7,009	6,537	6,590
West	7,127	7,867	9,596	10,977	10,904	12,719	12,093	11,175

See footnotes at end of table.

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**Ice Cream Mix, Regular: Production by Month, State, and United States,
1999 and Total 1998-99 (continued)**

State	1999						1998	
	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	5,496	5,088	4,939	3,851	68,498	30	56,819	30
FL	1,139	1,070	965	879	12,758	9	12,610	9
GA							3,732	4
IL	1,672	1,442	1,066	1,252	19,213	13	20,022	13
IN	2,880	2,520	1,694	2,107	30,563	7	30,643	10
ME	34	24	24	24	486	3	1,206	4
MD	761	861	676	672	9,827	5	9,886	5
MA	2,012	2,492	2,100	1,555	30,539	14	28,728	13
MI	937	696	549	699	10,317	17	12,161	19
MN	1,922	1,408	1,338	1,391	22,003	5	21,311	5
MO	630	566	674	404	8,200	7	7,994	7
NY	1,621	1,368	1,324	1,380	21,835	18	20,200	18
NC	924	657	558	510	10,732	10	11,422	11
ND	50	47	60	64	724	3	550	3
OH	1,480	1,281	1,261	1,299	18,874	17	21,468	20
OR	429	456	376	385	5,965	11	5,578	12
PA	2,453	1,877	2,038	1,777	26,150	28	24,431	30
TN	729	632	522	575	9,045	6	9,438	6
TX	3,167	2,838	3,658	3,215	39,226	19	33,396	18
UT	594	613	528	431	7,056	11	6,372	13
WA	917	674	573	597	10,358	7	10,105	8
WI	608	507	489	427	7,213	10	6,476	13
Oth Sts ¹	9,693	9,253	8,224	7,857	121,132	84	129,605	85
US	40,148	36,370	33,636	31,351	490,714	334	484,153	356
N Atl	7,852	7,361	6,888	6,124	100,227	78	105,520	81
S Atl	4,230	3,996	3,363	3,013	52,050	36	51,848	37
E N Cen	7,577	6,446	5,059	5,784	86,180	64	90,770	75
W N Cen	5,620	4,875	5,081	4,677	69,183	28	71,529	30
S Cen	5,698	5,129	5,532	5,244	68,660	43	62,674	44
West	9,171	8,563	7,713	6,509	114,414	85	101,812	89

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,
1999 and Total 1998-99¹**

State	1999							
	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>
AR	50	62	82	80	70	69	70	75
CA	1,078	1,142	1,455	1,427	1,592	1,819	1,828	1,559
FL	502	516	590	631	613	631	650	587
IL	810	966	1,325	1,480	1,672	1,692	1,768	1,648
IN	1,009	1,301	1,688	1,602	1,002	1,346	1,300	1,200
KY	126	155	215	274	326	357	352	323
MD	196	218	263	112	305	317	341	350
MA	206	134	115	283	198	195	211	258
MI	387	477	707	549	949	1,026	1,106	910
MT	30	38	68	71	77	99	104	93
NY	127	173	259	258	285	332	315	319
ND	21	29	53	61	68	75	87	62
OH	177	263	411	609	720	820	761	899
OK	53	53	37	77	58	36	52	53
OR	177	188	247	287	255	354	350	352
PA	389	516	373	404	402	507	466	596
TN	151	130	199	207	205	247	224	227
TX	1,358	1,431	1,857	1,874	1,979	2,290	2,270	1,818
UT	304	393	682	410	522	504	564	770
WA	221	233	323	357	267	348	419	388
WI	159	244	324	346	437	519	519	454
Oth Sts ²	4,986	6,507	8,002	8,401	9,112	9,342	8,711	9,327
US	12,517	15,169	19,275	19,800	21,114	22,925	22,468	22,268
N Atl	1,690	2,344	2,809	3,076	3,272	2,774	2,119	3,559
S Atl	1,650	1,961	2,142	2,315	2,456	2,646	2,711	2,454
E N Cen	2,542	3,251	4,455	4,586	4,780	5,403	5,454	5,111
W N Cen	2,118	2,579	3,297	3,355	3,712	3,966	4,042	3,639
S Cen	2,173	2,429	3,007	3,202	3,341	3,809	3,850	3,375
West	2,344	2,605	3,565	3,266	3,553	4,327	4,292	4,130

See footnotes at end of table.

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**Ice Cream Mix, Lowfat: Production by Month, State, and United States,
1999 and Total 1998-99¹ (continued)**

State	1999					1998		
	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>
AR	51	50	48	50	757	3		
CA	1,444	1,348	1,141	1,165	16,998	24	20,085	28
FL	535	516	497	490	6,758	8	6,625	10
IL	1,296	1,054	968	860	15,539	12	16,087	11
IN	1,154	1,125	965	898	14,590	8	14,818	10
KY	240	193	171	141	2,873	6	2,932	6
MD	318	267	193	198	3,078	5	3,075	5
MA	86	79	76	165	2,006	8	2,088	7
MI	685	448	468	405	8,117	13	8,729	15
MT	51	41	56	58	786	5	798	5
NY	265	223	197	186	2,939	10	2,216	10
ND	39	32	23	18	568	2	592	2
OH	671	495	443	390	6,659	15	6,998	15
OK	38	40	36	35	568	4	630	5
OR	258	224	257	220	3,169	11	3,096	11
PA	556	488	402	405	5,504	20	7,172	21
TN	211	168	148	128	2,245	7	2,586	7
TX	1,653	1,420	1,485	1,303	20,738	12	24,030	14
UT	483	401	355	316	5,704	8	6,646	9
WA	316	270	166	230	3,538	6	3,908	7
WI	305	285	229	160	3,981	7	2,923	7
Oth Sts ²	7,567	6,262	5,641	6,013	89,871	96	90,332	104
US	18,222	15,429	13,965	13,834	216,986	290	226,366	309
N Atl	2,706	1,939	1,595	2,210	30,093	51	32,922	51
S Atl	2,149	1,925	1,687	1,660	25,756	36	25,870	39
E N Cen	4,111	3,407	3,073	2,713	48,886	55	49,555	58
W N Cen	2,752	2,339	2,189	2,233	36,221	28	35,375	28
S Cen	3,079	2,645	2,676	2,416	36,002	43	39,768	50
West	3,425	3,174	2,745	2,602	40,028	77	42,876	83

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, 1999 and Total 1998-99**

State	1999							
	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	342	395	526	721	585	643	581	601
FL	47	67	70	67	72	84	61	62
GA								
IL	82	93	137	107	116	144	133	134
IN	76	161	176	122	120	160	121	136
MA	98	91	102	148	178	158	183	194
MI	45	44	62	61	69	100	79	72
NY	122	132	139	167	181	212	227	169
NC	63	63	93	96	121	149	111	96
ND	2	4	3	5	2	6	2	4
OH	124	142	175	167	207	236	174	154
PA	92	52	92	90	107	101	120	128
TN	80	53	87	69	55	64	62	71
TX	88	107	147	132	115	156	162	87
UT	41	76	85	131	97	103	111	78
WA	35	61	62	60	72	63	88	60
WI	33	40	36	45	37	47	41	43
Oth Sts ¹	972	1,127	1,375	1,484	1,503	1,579	1,543	1,545
US	2,342	2,708	3,367	3,672	3,637	4,005	3,799	3,634
N Atl	355	311	405	478	573	588	621	602
S Atl	189	219	307	353	386	414	377	360
E N Cen	360	480	586	502	549	687	548	539
W N Cen	588	722	827	907	851	874	921	862
S Cen	240	239	351	310	296	340	342	282
West	610	737	891	1,122	982	1,102	990	989

See footnotes at end of table.

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**Sherbet Mix: Production by Month, State, and United States,
1999 and Total 1998-99 (continued)**

State	1999						1998	
	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	407	370	333	129	5,633	21	4,783	21
FL	66	65	57	48	766	9	623	8
GA							410	4
IL	142	119	100	117	1,424	6	1,516	7
IN	155	135	86	87	1,535	6	1,384	9
MA	94	95	100	60	1,501	11	1,268	11
MI	53	43	39	55	722	9	1,019	10
NY	126	144	133	116	1,868	10	1,780	10
NC	74	61	70	85	1,082	10	1,018	11
ND	3	2	3	2	38	1	41	2
OH	160	109	131	166	1,945	13	2,080	15
PA	90	96	69	48	1,085	16	1,231	19
TN	55	50	31	48	725	4	688	5
TX	120	100	101	105	1,420	7	1,299	7
UT	68	54	50	27	921	8	800	8
WA	68	37	32	26	664	4	767	5
WI	40	37	33	22	454	5	449	5
Oth Sts ¹	1,126	959	991	930	15,134	74	15,233	77
US	2,847	2,476	2,359	2,071	36,917	214	36,389	234
N Atl	363	408	353	294	5,351	46	5,333	49
S Atl	292	268	214	238	3,617	30	3,705	32
E N Cen	550	443	389	447	6,080	39	6,448	46
W N Cen	610	426	549	470	8,607	16	8,887	19
S Cen	298	263	226	273	3,460	23	3,295	26
West	734	668	628	349	9,802	60	8,721	62

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, 1995-99**

State	1995	1996	1997	1998	1999
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AL	13	11	10	10	9
AK	4	4	4	4	4
AZ	7	7	5	5	5
AR	7	7	5	5	4
CA	205	175	170	147	130
CO	12	12	12	12	12
CT	15	15	17	17	15
DE	2	2	2	2	2
FL	35	34	32	31	36
GA	8	11	11	9	7
HI	3	3	3	3	3
ID	17	19	19	19	19
IL	72	68	63	62	63
IN	30	27	26	26	25
IA	40	39	37	37	37
KS	7	7	6	6	5
KY	21	20	20	20	19
LA	9	9	8	8	6
ME	9	8	10	10	10
MD ¹	17	14	14	14	14
MA	23	23	24	24	22
MI	47	46	45	42	39
MN	49	48	46	45	46
MS	10	10	10	8	6
MO	23	23	21	21	20
MT	12	12	10	8	7
NE	10	11	10	10	10
NV	4	4	4	4	4
NH	5	5	5	5	5
NJ	14	14	15	15	14
NM	6	6	7	7	6
NY	138	134	134	130	121
NC	17	17	14	14	13
ND	21	22	21	19	17

See footnotes at end of table.

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**Dairy Plants: Number Manufacturing One or More Dairy Products
by State and United States, 1995-99 (continued)**

State	1995	1996	1997	1998	1999
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
OH	74	67	64	62	60
OK	11	8	8	8	7
OR	20	20	20	20	20
PA	81	76	75	72	71
RI	5	5	5	4	4
SC	5	5	5	5	5
SD	20	19	18	14	14
TN	19	18	16	15	14
TX	35	30	30	30	27
UT	22	23	21	21	21
VT	18	20	19	19	16
VA	12	12	12	12	9
WA	25	24	24	20	19
WV	4	4	3	3	3
WI	230	222	222	217	211
WY	2	2	2	2	2
US	1,495	1,422	1,384	1,323	1,258
N Atl	308	300	304	296	278
S Atl	100	99	93	90	89
E N Cen	453	430	420	409	398
W N Cen	170	169	159	152	149
S Cen	125	113	107	104	92
West	339	311	301	272	252

¹ Includes District of Columbia.

Supply and Utilization of Milk: United States, 1997-1999 ¹

Item	1997	1998	1999
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
SUPPLY			
Milk Production	156,091	157,348	162,711
Net Imports of Ingredients (M.E.) ²	168	656	429
Net Change in Storage Cream (M.E.) ³			
Total Supply	156,259	158,004	163,140
UTILIZATION			
Used in Manufactured Products (M.E.)			
Creamery Butter	25,714	26,211	28,604
Butter from Whey Cream	4,966	5,094	5,392
Net Milk Equivalent ⁴	20,747	21,118	23,211
Cheese			
American	32,760	33,159	35,698
Other	22,959	23,668	24,523
Canned Milk			
Evaporated, Sweetened Condensed	1,208	1,017	1,036
Bulk Condensed Whole Milk, Unsweetened	227	222	216
Bulk Condensed Whole Milk, Sweetened	314	186	171
Dry Whole Milk	898	1,050	867
Ice Cream and Other Frozen Dairy Products	15,970	16,452	16,508
Butter and Condensed Milk, Used in Ice Cream	2,112	2,151	2,243
Net Milk Equivalent ⁴	13,859	14,301	14,265
Other Manufactured Products ⁵	686	697	684
Total Manufactured Products ⁴	93,657	95,417	100,672
Total Available for Fluid Products ⁶	56,674	55,267	55,675
Used Where Produced			
Fed to Calves	1,138	1,162	1,134
Consumed on Farms	256	244	233
Total Used by Producers ⁴	1,394	1,406	1,367
Residual ⁷	4,534	5,914	5,426
Total Utilization ⁴	156,259	158,004	163,140

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, 1980-99**

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>
1980	126,067	58	1990	145,725	61
1981	130,467	60	1991	145,723	61
1982	133,144	61	1992	148,993	62
1983	137,228	61	1993	148,891	61
1984	132,421	58	1994	151,944	61
1985	140,558	59	1995	153,737	60
1986	140,735	59	1996	152,531	60
1987	140,450	58	1997	154,697	61
1988	142,833	59	1998	155,943	61
1989	141,834	60	1999	161,344	62

**Net Whole Milk Equivalents Used in Manufactured Dairy Products:
Total and Percentage by Major Products, United States, 1988-99**

Year	Total	Percentage Distribution					Total
		Butter	All Whole Milk and Part Skim Cheese	Evaporated Dry and Condensed Milk	Ice Cream and Other Frozen Products	Other Milk Products	
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1988	84,775	32.0	47.3	3.9	15.3	1.5	100.0
1989	84,380	31.5	48.2	3.4	16.1	0.8	100.0
1990	88,608	30.9	49.9	3.4	15.1	0.7	100.0
1991	88,460	31.5	49.1	2.7	15.6	1.1	100.0
1992	92,208	30.9	50.0	3.9	14.4	0.8	100.0
1993	90,691	30.3	51.3	3.1	14.5	0.8	100.0
1994	92,491	29.4	51.6	2.9	15.4	0.7	100.0
1995	92,795	28.5	52.8	2.8	15.2	0.7	100.0
1996	91,584	26.6	54.7	2.5	15.5	0.7	100.0
1997	93,657	25.5	55.3	2.6	15.9	0.7	100.0
1998	95,417	25.5	55.4	2.4	16.0	0.7	100.0
1999	100,672	26.4	55.6	2.1	15.2	0.7	100.0

**Skim Milk Equivalents: Selected Skim-Milk and Buttermilk Products,
United States, 1988-99**

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>
1988	3,479	3,126	10,970	885	18,460
1989	3,284	3,239	9,827	787	17,137
1990	3,084	3,539	9,898	764	17,285
1991	3,067	3,543	9,783	778	17,171
1992	3,140	3,967	9,703	859	17,669
1993	2,958	3,949	10,537	767	18,211
1994	2,896	4,170	13,662	758	21,486
1995	2,868	3,509	13,668	792	20,837
1996	2,802	3,163	11,749	719	18,433
1997	2,865	3,140	13,451	724	20,180
1998	2,911	3,275	12,537	726	19,449
1999	2,909	3,606	15,213	755	22,483

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, 1998 ¹**

State	Butter	Cheese		Evaporated & Condensed Whole Milk Case	Condensed Whole Milk, Bulk	
		American	Other Than American		Unsweetened	Sweetened
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	7,041,635	5,062,894	3,616,485			
ID		4,812,837				
IA		1,064,972				
MN	1,472,676	5,549,602	369,405			
NY	478,989		3,128,907			
ND	100,027	191,974				
OH		344,367				
OR	513,863	543,752				
PA	2,000,710		2,028,689			
SD		554,806	442,737			
TN		32,369				
UT		304,262				
WA	1,623,306	1,168,114				
WI	6,709,866	9,194,355	6,729,812			131,609
US ³	26,211,390	33,158,676	23,667,667	1,017,230	221,560	185,791
N Atl	3,311,173	1,482,748	5,690,335	313,989	112,377	984
S Atl	708,044	33,644	158,021			
E N Cen	8,290,982	9,706,296	8,870,603	134,499	34,849	131,609
W N Cen	2,938,670	7,963,054	3,158,656	128,874		
S Cen	1,565,522	524,016	27,494	37,797	192	53,198
West	9,396,999	13,448,918	5,762,558	402,071	74,142	

See footnotes at end of table.

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**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1998 ¹ (continued)**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Product ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL		192,814	874	203,198	49,295	153,903
AK		5,298	714	6,012	342	5,670
AZ		136,779	9,664	1,449,152	90,774	1,358,378
AR		54,667		465,114	32,609	432,505
CA	427,411	2,005,477	78,120	18,708,235	1,090,973	17,617,262
CO		247,624	16,492	644,365	73,171	571,194
CT		343,702		380,967	15,539	365,428
DE		4,336		9,024	2,222	6,802
FL		509,302	3,128	512,430	144,268	368,162
GA		178,670		208,531	21,315	187,216
HI		19,504	1,108	20,612	8,484	12,128
ID		140,532	4,846	5,334,769	415,794	4,918,975
IL		671,274	58,490	1,642,432	197,893	1,444,539
IN		1,029,537	28,747	1,817,721	136,116	1,681,605
IA		1,059,303	18,070	3,095,080	199,174	2,895,906
KS		73,654	16,593	280,748	17,330	263,418
KY		134,530	27,696	290,115	4,533	285,582
LA		62,601		83,523	1,838	81,685
ME		36,712	761	40,019	11,391	28,628
MD ²		308,862	4,607	871,708	120,504	751,204
MA		872,737	759	1,639,702	245,707	1,393,995
MI		481,157	22,562	1,359,118	112,435	1,246,683
MN		612,676	33,434	8,045,928	489,612	7,556,316
MS		18,611		56,465	719	55,746
MO		402,418	11,456	2,054,890	44,789	2,010,101
MT		32,325	2,465	41,149	3,097	38,052
NE		129,675	2,168	1,790,619	96,231	1,694,388
NV		288,607	1,476	290,083	13,602	276,481
NH		15,925		15,925	4,044	11,881
NJ		441,020		672,210	45,977	626,233
NM		69,658	12,707	1,299,686	161,694	1,137,992
NY		572,732	117,623	5,492,810	522,153	4,970,657
NC		415,068	13,379	464,216	158,311	305,905
ND		25,368	1,199	318,568	20,714	297,854

See footnotes at end of table.

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**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1998 ¹ (continued)**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Products ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
OH		746,667	37,913	2,770,356	234,829	2,535,527
OK		271,380	5,915	278,561	47,302	231,259
OR		198,082	11,726	1,267,998	56,964	1,211,034
PA		796,639	21,585	5,479,353	233,176	5,246,177
RI		11,676		11,676	3,049	8,627
SC		200,628		200,956	81,653	119,303
SD		6,369	1,924	1,005,863	98,320	907,543
TN		288,462	13,681	938,056	37,016	901,040
TX		1,028,908	12,213	2,009,029	87,036	1,921,993
UT		237,099	1,436	847,079	135,259	711,820
VT		216,865	5,243	1,103,688	76,156	1,027,532
VA		276,429	11,621	558,874	60,033	498,841
WA		338,388	28,934	3,434,507	137,559	3,296,948
WV		14,797		14,797	264	14,533
WI		225,442	55,445	23,076,958	1,394,971	21,681,987
WY		1,381	193	59,087	8,398	50,689
US ³	1,050,314	16,452,367	696,967	102,661,962	7,244,635	95,417,327
N Atl	470,765	3,308,008	145,971	14,836,350	1,157,192	13,679,158
S Atl		1,908,092	32,735	2,840,536	588,570	2,251,966
E N Cen	140,513	3,154,077	203,157	30,666,585	2,076,244	28,590,341
W N Cen	8,135	2,309,463	84,844	16,591,696	966,170	15,625,526
S Cen	3,490	2,051,973	60,379	4,324,061	260,348	4,063,713
West	427,411	3,720,754	169,881	33,402,734	2,196,111	31,206,623

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

² Includes District of Columbia.

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

⁴ Excludes frozen yogurt.

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

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

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

**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1999 ¹**

State	Butter	Cheese		Evaporated & Condensed Whole Milk Case	Condensed Whole Milk, Bulk	
		American	Other Than American		Unsweetened	Sweetened
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CA	7,796,813	6,016,809	3,849,588			
ID		5,137,850				
IL			853,935			
IA		1,208,705				
MN	1,292,742	6,322,099	293,817			
NY	556,311	987,543	3,322,240			
ND	95,082	224,641				
OH		332,806				
OR		599,188				
PA	2,449,919		2,115,445			
SD		635,237	335,687			
UT		397,277				
WA	2,692,849	1,201,769				
WI	6,389,760	9,212,350	6,892,907			
US ³	28,603,544	35,697,948	24,522,614	1,035,955	216,321	171,094
N Atl	3,842,510	1,561,202	6,000,552	303,558	101,676	889
S Atl	466,941	34,340	225,104		11,180	
E N Cen	7,710,376	9,730,629	9,161,948	122,987	29,289	129,627
W N Cen	2,868,707	8,862,199	2,852,189	120,795		
S Cen	2,147,911	457,401	31,176	58,011		40,578
West	11,567,099	15,052,177	6,251,645	430,604	74,176	

See footnotes at end of table.

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**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1999 ¹ (continued)**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Product ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL		214,573		232,903	56,529	176,374
AK		4,076	733	4,809	381	4,428
AZ		143,128	9,693	1,482,740	96,916	1,385,824
AR		51,763		483,238	34,075	449,163
CA	414,918	2,189,038	81,264	20,853,210	1,227,918	19,625,292
CO		255,515	16,490	702,228	81,971	620,257
CT		307,096		348,986	15,752	333,234
DE		10,643		15,978	4,290	11,688
FL		489,104	3,053	492,157	138,756	353,401
GA		186,639		216,861	22,576	194,285
HI		19,169	1,089	20,258	8,338	11,920
ID		151,611	5,111	5,744,267	441,854	5,302,413
IL		722,722	54,416	1,671,729	193,933	1,477,796
IN		1,083,369	18,868	1,641,051	143,973	1,497,078
IA		857,668	22,064	3,051,305	202,919	2,848,386
KS		61,209	15,577	81,708	2,349	79,359
KY		191,896	28,992	255,435	7,127	248,308
LA		61,638		61,847	1,868	59,979
ME		43,342	815	46,598	14,121	32,477
MD ²		301,180	5,737	697,132	126,869	570,263
MA		923,794		1,697,534	260,729	1,436,805
MI		402,656	24,499	1,329,850	119,246	1,210,604
MN		636,909	34,606	8,582,135	539,605	8,042,530
MS		19,276		65,397	680	64,717
MO		356,164	15,836	1,974,084	47,985	1,926,099
MT		34,706	2,269	36,975	3,332	33,643
NE		156,873	2,049	1,884,928	90,908	1,794,020
NV		287,896	1,383	289,279	13,445	275,834
NH		50,214		50,214	15,464	34,750
NJ		128,620		346,648	28,370	318,278
NM		39,887	11,972	1,573,048	205,165	1,367,883
NY		600,902	121,366	5,868,143	570,400	5,297,743
NC		395,211	12,868	444,235	152,447	291,788
ND		29,755	1,304	350,782	24,968	325,814

See footnotes at end of table.

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**Whole Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1999 ¹ (continued)**

State	Dry Whole Milk	Ice Cream and Other Frozen Products ⁴	Other Milk Products ⁵	Total ⁶	Duplications	Net Total ⁷
	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
OH		650,400	35,387	2,721,793	240,859	2,480,934
OK		224,704	5,127	231,066	38,260	192,806
OR		217,869	8,852	1,356,073	62,462	1,293,611
PA		927,439	19,569	5,953,512	239,674	5,713,838
RI		13,867		13,867	3,514	10,353
SC		218,505		218,695	93,832	124,863
SD		9,919	2,156	982,999	98,027	884,972
TN		281,063	14,142	959,636	34,396	925,240
TX		1,142,472	9,806	2,691,334	95,731	2,595,603
UT		257,680	3,039	1,372,830	152,961	1,219,869
VT		236,902	5,489	1,170,195	84,762	1,085,433
VA		327,235	11,927	614,609	73,450	541,159
WA		336,055	30,356	4,396,097	120,710	4,275,387
WV		17,258		17,258	144	17,114
WI		236,933	46,366	22,939,730	1,390,601	21,549,129
WY		1,019	165	68,870	9,972	58,898
US ³	866,783	16,507,562	684,435	108,306,256	7,634,614	100,671,642
N Atl	305,895	3,232,176	147,239	15,495,697	1,232,786	14,262,911
S Atl		1,945,775	33,585	2,716,925	612,364	2,104,561
E N Cen	143,681	3,096,080	179,536	30,304,153	2,088,612	28,215,541
W N Cen	1,962	2,108,497	93,592	16,907,941	1,006,761	15,901,180
S Cen	327	2,187,385	58,067	4,980,856	268,666	4,712,190
West	414,918	3,937,649	172,416	37,900,684	2,425,425	35,475,259

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

² Includes District of Columbia.

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

⁴ Excludes frozen yogurt.

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

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

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

**Skim Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1998 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>
AL							3,806
AK							1,938
AZ							519,985
CA	338,788		1,643,145	293,007	5,598,857		7,931,256
CO							48,056
FL							36,494
HI							1,925
ID							33,281
IL	194,144						196,014
IN	99,894						385,186
IA	76,894						712,012
KS							60,969
KY	120,800						157,980
LA							93,896
ME							2,819
MD ²							665,295
MA							699,894
MI	140,413			31,834			691,155
MN				56,848	136,334		315,450
MO	48,756		68,667				117,423
MT							1,938
NE							7,106
NV							4,694
NM							468,840
NY	611,031		5,280		430,485		943,374
NC							41,219
ND	6,669				3,212		9,881

See footnotes at end of table.

--continued

**Skim Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1998 ¹ (continued)**

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>
OH	141,563						146,960
OK	18,763						47,266
OR	61,225						224,917
PA	111,050				831,886		1,032,577
SD							198,006
TN	49,131						198,598
TX	62,038						746,363
UT							60,443
VT							292,366
VA							181,489
WA					1,549,548		1,675,836
WI	146,513	59,979			99,891		491,402
WY							888
US ³	2,910,999	113,430	3,161,286	551,023	12,536,843	175,416	19,448,997
N Atl	758,806	2,577	449,736	65,912	1,665,532	28,467	2,971,030
S Atl	159,707		311,007	66	453,717		924,497
E N Cen	722,527	59,979	357,702	53,130	631,114	86,265	1,910,717
W N Cen	279,525		122,007	56,848	962,467		1,420,847
S Cen	254,538	50,874	212,700	74,327	652,245	3,225	1,247,909
West	735,896		1,708,134	300,740	8,171,768	57,459	10,973,997

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, 1999 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>
AK							2,063
AZ							681,892
CA	334,500		1,946,280	336,072	7,187,246		9,862,250
CO							52,375
FL							34,888
HI							1,925
ID							95,584
IL	208,194						219,579
IN	70,694						455,757
IA	90,088						781,416
KS							56,800
KY	100,544						155,018
LA							111,177
ME							3,138
MD ²							708,553
MA							667,273
MI							641,935
MN				38,918	165,946		319,762
MO	68,963						128,630
MT							138
NE							6,675
NV							4,663
NM						537,163	567,913
NY	596,213						1,036,640
NC							39,375
ND	7,019				7,293		14,312

See footnotes at end of table.

--continued

**Skim Milk Equivalent: Calculated Quantities in Specified Products,
Whole Milk Basis by State and United States, 1999 ¹ (continued)**

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>
OH	148,125						155,607
OK	17,294						36,065
OR	42,838						202,489
PA	116,363						1,220,386
SD							203,370
TN	50,413						202,351
TX	58,206						565,042
UT							87,791
VT							337,006
VA	66,225						182,502
WA					2,007,247		2,143,647
WI	119,213				75,449		495,934
WY							688
US ³	2,909,191	112,530	3,493,008	592,185	15,213,077	162,618	22,482,609
N Atl	759,933	2,430	529,515	72,677	1,874,070	25,818	3,264,443
S Atl	161,919		322,611	869	479,919		965,318
E N Cen	693,501	58,812	439,782	50,765	649,077	76,875	1,968,812
W N Cen	314,184		104,085	38,918	1,053,778		1,510,965
S Cen	226,457	51,288	103,680	83,105	603,350	1,773	1,069,653
West	753,197		1,993,335	345,851	10,552,883	58,152	13,703,418

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 1,258 manufacturers that made one or more products in 1999. Each month, reports are generally received from all dairy plants in States with small numbers of plants. In States with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. Monthly estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in the "**Dairy Products**" report published each April which includes any revisions made to current and previous year. An attempt is made to get information from all plants for preparing these estimates.

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The "Dairy Products 2000 Summary" will be released in April 2001.

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