



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
Service



# Dairy Products 2003 Summary

April 2004

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# USDA





## Update Alert

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

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## Summary

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

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

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

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

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

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

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

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

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

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

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

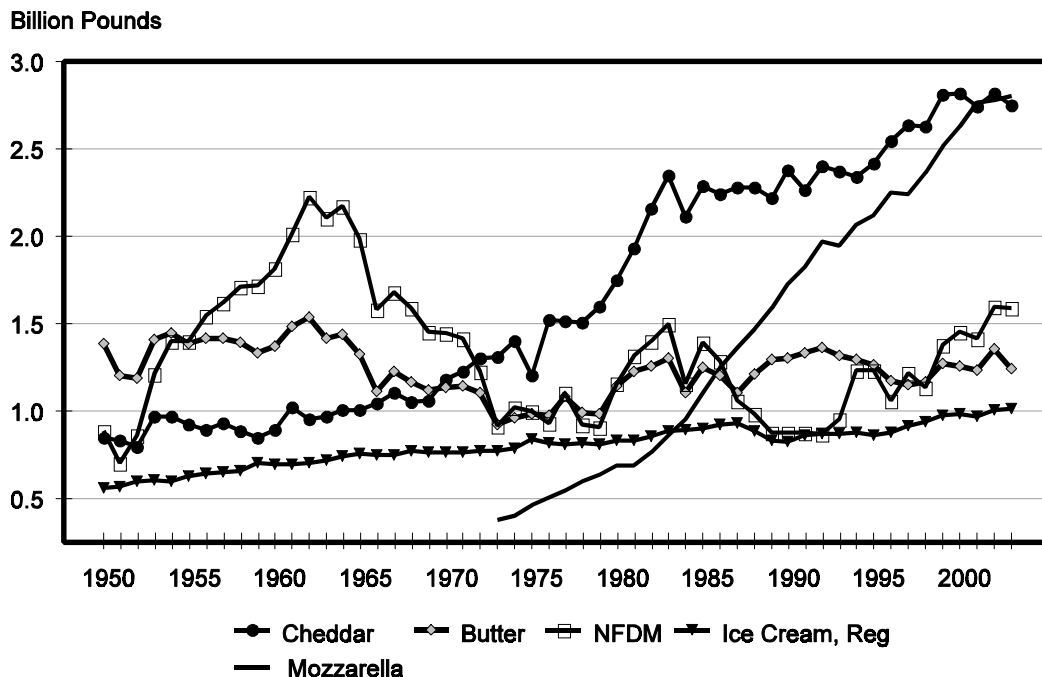
**Dry whey products:** (2003 U.S. production, comparisons with 2002)

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

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

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

## U.S. Dairy Products



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

| Products                                | Plants        | Jan                 | Feb                 | Mar                 | Apr                 |
|---|---------------|---------------------|---------------------|---------------------|---------------------|
|   | <i>Number</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Butter                                  | 72            | 140,069             | 124,231             | 127,695             | 131,605             |
| Cheese                                  |               |                     |                     |                     |                     |
| American Types                          |               |                     |                     |                     |                     |
| Cheddar                                 | 167           | 245,224             | 226,022             | 250,621             | 250,941             |
| Other American <sup>1</sup>             | 114           | 71,165              | 65,149              | 68,835              | 66,523              |
| Total American                          | 183           | 316,389             | 291,171             | 319,456             | 317,464             |
| Swiss                                   | 36            | 21,076              | 19,201              | 20,784              | 20,657              |
| Muenster                                | 45            | 7,193               | 5,649               | 6,116               | 6,263               |
| Brick                                   | 22            | 940                 | 699                 | 658                 | 872                 |
| Limburger                               | 1             | 79                  | 43                  | 43                  | 51                  |
| Italian Varieties                       |               |                     |                     |                     |                     |
| Mozzarella                              | 116           | 235,955             | 224,271             | 245,753             | 230,701             |
| Other Italian                           | 91            | 58,214              | 53,479              | 59,470              | 57,805              |
| Total Italian                           | 146           | 294,169             | 277,750             | 305,223             | 288,506             |
| Cream & Neufchatel                      | 33            | 45,619              | 45,386              | 55,629              | 49,357              |
| Blue <sup>2</sup>                       |               |                     |                     |                     |                     |
| Hispanic                                | 39            | 10,816              | 9,293               | 9,993               | 10,612              |
| All Other Types                         | 138           | 17,658              | 18,216              | 19,640              | 20,347              |
| Total Cheese <sup>3</sup>               | 404           | 713,939             | 667,408             | 737,542             | 714,129             |
| Cottage Cheese                          |               |                     |                     |                     |                     |
| Curd <sup>4</sup>                       | 91            | 35,470              | 33,765              | 36,814              | 37,197              |
| Creamed <sup>5</sup>                    | 88            | 30,045              | 29,034              | 31,607              | 31,454              |
| Lowfat <sup>6</sup>                     | 85            | 29,615              | 29,334              | 31,999              | 31,091              |
| Canned Milk                             |               |                     |                     |                     |                     |
| Evaporated and Cond. Whole <sup>7</sup> | 12            | 39,689              | 40,036              | 55,236              | 49,318              |
| Evaporated Skim                         | 4             | 477                 | 1,229               | 1,045               | 1,046               |
| Bulk Condensed Milk                     |               |                     |                     |                     |                     |
| Whole                                   |               |                     |                     |                     |                     |
| Sweetened                               | 5             | 6,768               | 6,093               | 7,473               | 8,140               |
| Unsweetened                             | 9             | 4,910               | 5,177               | 5,863               | 3,880               |
| Skim                                    |               |                     |                     |                     |                     |
| Sweetened                               | 5             | 2,134               | 1,834               | 1,511               | 2,276               |
| Unsweetened                             | 39            | 80,288              | 79,434              | 105,305             | 93,480              |
| Condensed or Evaporated                 |               |                     |                     |                     |                     |
| Buttermilk                              | 7             | 2,697               | 2,828               | 1,931               | 2,706               |
| Dry Milk                                |               |                     |                     |                     |                     |
| Dry Whole Milk                          | 11            | 3,079               | 4,220               | 1,883               | 2,397               |
| Nonfat Dry Milk, Human                  | 45            | 128,675             | 127,707             | 153,057             | 164,159             |
| Dry Skim Milk, Animal                   | 29            | 743                 | 912                 | 767                 | 508                 |
| Dry Buttermilk                          | 22            | 6,641               | 5,127               | 5,903               | 5,742               |
| Yogurt Plain &                          |               |                     |                     |                     |                     |
| Fruit Flavored                          | 92            | 187,747             | 185,166             | 202,754             | 194,483             |

See footnote(s) at end of table.

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

| Products                                | May                 | Jun                 | Jul                 | Aug                 | Sep                 |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
|   | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Butter                                  | 125,484             | 95,818              | 94,409              | 88,883              | 92,818              |
| Cheese                                  |                     |                     |                     |                     |                     |
| American Types                          |                     |                     |                     |                     |                     |
| Cheddar                                 | 255,938             | 240,566             | 230,331             | 229,205             | 218,706             |
| Other American <sup>1</sup>             | 71,571              | 70,789              | 72,796              | 77,971              | 73,442              |
| Total American                          | 327,509             | 311,355             | 303,127             | 307,176             | 292,148             |
| Swiss                                   | 21,433              | 20,871              | 20,966              | 20,737              | 21,390              |
| Muenster                                | 7,068               | 6,738               | 6,992               | 6,883               | 6,755               |
| Brick                                   | 946                 | 767                 | 847                 | 733                 | 929                 |
| Limburger                               | 63                  | 42                  | 32                  | 82                  | 29                  |
| Italian Varieties                       |                     |                     |                     |                     |                     |
| Mozzarella                              | 247,204             | 226,574             | 218,536             | 226,294             | 221,565             |
| Other Italian                           | 57,047              | 51,285              | 53,263              | 55,919              | 51,377              |
| Total Italian                           | 304,251             | 277,859             | 271,799             | 282,213             | 272,942             |
| Cream & Neufchatel                      |                     |                     |                     |                     |                     |
| Blue <sup>2</sup>                       | 53,328              | 55,930              | 51,202              | 60,983              | 64,089              |
| Hispanic                                | 10,619              | 9,484               | 10,567              | 10,621              | 10,433              |
| All Other Types                         | 20,848              | 18,637              | 19,616              | 20,036              | 18,804              |
| Total Cheese <sup>3</sup>               | 746,065             | 701,683             | 685,148             | 709,464             | 687,519             |
| Cottage Cheese                          |                     |                     |                     |                     |                     |
| Curd <sup>4</sup>                       | 39,370              | 34,397              | 38,710              | 40,153              | 37,327              |
| Creamed <sup>5</sup>                    | 32,966              | 30,787              | 32,588              | 35,401              | 32,020              |
| Lowfat <sup>6</sup>                     | 34,658              | 29,266              | 34,105              | 33,590              | 31,772              |
| Canned Milk                             |                     |                     |                     |                     |                     |
| Evaporated and Cond. Whole <sup>7</sup> | 53,833              | 58,932              | 52,454              | 49,229              | 44,184              |
| Evaporated Skim                         | 1,090               | 1,729               | 997                 | 2,103               | 2,446               |
| Bulk Condensed Milk                     |                     |                     |                     |                     |                     |
| Whole                                   |                     |                     |                     |                     |                     |
| Sweetened                               | 7,184               | 6,900               | 6,641               | 6,980               | 5,670               |
| Unsweetened                             | 5,618               | 4,950               | 4,156               | 4,089               | 3,674               |
| Skim                                    |                     |                     |                     |                     |                     |
| Sweetened                               | 1,870               | 2,178               | 2,349               | 2,446               | 1,768               |
| Unsweetened                             | 94,627              | 90,752              | 90,688              | 93,621              | 78,028              |
| Condensed or Evaporated                 |                     |                     |                     |                     |                     |
| Buttermilk                              | 2,278               | 4,164               | 8,359               | 6,638               | 9,257               |
| Dry Milk                                |                     |                     |                     |                     |                     |
| Dry Whole Milk                          | 3,805               | 4,625               | 6,466               | 3,255               | 4,851               |
| Nonfat Dry Milk, Human                  | 163,379             | 152,982             | 129,123             | 120,859             | 102,295             |
| Dry Skim Milk, Animal                   | 764                 | 647                 | 840                 | 635                 | 512                 |
| Dry Buttermilk                          | 5,716               | 4,048               | 3,296               | 3,226               | 2,903               |
| Yogurt Plain &                          |                     |                     |                     |                     |                     |
| Fruit Flavored                          | 204,332             | 187,937             | 199,320             | 200,251             | 215,951             |

See footnote(s) at end of table.

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

| Products                                | Oct                 | Nov                 | Dec                 | Total               | Change From 2001 |
|---|---------------------|---------------------|---------------------|---------------------|------------------|
|   | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i>   |
| Butter                                  | 102,613             | 103,932             | 127,590             | 1,355,147           | 10.0             |
| Cheese                                  |                     |                     |                     |                     |                  |
| American Types                          |                     |                     |                     |                     |                  |
| Cheddar                                 | 217,671             | 218,509             | 238,365             | 2,822,099           | 2.7              |
| Other American <sup>1</sup>             | 78,721              | 74,694              | 77,223              | 868,879             | 9.0              |
| Total American                          | 296,392             | 293,203             | 315,588             | 3,690,978           | 4.1              |
| Swiss                                   | 22,418              | 21,737              | 22,826              | 254,096             | 3.5              |
| Muenster                                | 7,869               | 6,640               | 6,922               | 81,088              | -1.4             |
| Brick                                   | 1,025               | 772                 | 805                 | 9,993               | 14.8             |
| Limburger                               | 44                  | 65                  | 78                  | 651                 | -7.3             |
| Italian Varieties                       |                     |                     |                     |                     |                  |
| Mozzarella                              | 233,207             | 231,321             | 241,891             | 2,783,272           | 0.6              |
| Other Italian                           | 63,455              | 62,483              | 62,945              | 686,742             | 4.4              |
| Total Italian                           | 296,662             | 293,804             | 304,836             | 3,470,014           | 1.3              |
| Cream & Neufchatel                      | 68,680              | 76,840              | 59,140              | 686,183             | 6.4              |
| Blue <sup>2</sup>                       |                     |                     |                     |                     |                  |
| Hispanic                                | 11,475              | 10,223              | 10,345              | 124,481             | 14.4             |
| All Other Types                         | 19,942              | 17,707              | 18,332              | 229,783             | 15.1             |
| Total Cheese <sup>3</sup>               | 724,507             | 720,991             | 738,872             | 8,547,267           | 3.5              |
| Cottage Cheese                          |                     |                     |                     |                     |                  |
| Curd <sup>4</sup>                       | 37,940              | 32,336              | 33,139              | 436,618             | -3.7             |
| Creamed <sup>5</sup>                    | 31,966              | 27,682              | 28,612              | 374,162             | 0.7              |
| Lowfat <sup>6</sup>                     | 32,924              | 27,273              | 28,666              | 374,293             | 1.1              |
| Canned Milk                             |                     |                     |                     |                     |                  |
| Evaporated and Cond. Whole <sup>7</sup> | 49,461              | 44,252              | 36,607              | 573,231             | 26.6             |
| Evaporated Skim                         | 2,994               | 2,638               | 1,950               | 19,744              | 31.9             |
| Bulk Condensed Milk                     |                     |                     |                     |                     |                  |
| Whole                                   |                     |                     |                     |                     |                  |
| Sweetened                               | 5,741               | 4,703               | 4,599               | 76,892              | 9.5              |
| Unsweetened                             | 7,597               | 2,973               | 3,141               | 56,028              | -20.1            |
| Skim                                    |                     |                     |                     |                     |                  |
| Sweetened                               | 1,570               | 1,173               | 1,236               | 22,345              | -31.5            |
| Unsweetened                             | 77,680              | 74,243              | 77,487              | 1,035,633           | 10.5             |
| Condensed or Evaporated                 |                     |                     |                     |                     |                  |
| Buttermilk                              | 7,092               | 4,701               | 3,224               | 55,875              | 59.4             |
| Dry Milk                                |                     |                     |                     |                     |                  |
| Dry Whole Milk                          | 5,517               | 3,434               | 3,879               | 47,411              | 15.1             |
| Nonfat Dry Milk, Human                  | 108,934             | 105,221             | 139,548             | 1,595,939           | 12.9             |
| Dry Skim Milk, Animal                   | 468                 | 353                 | 416                 | 7,565               | 37.4             |
| Dry Buttermilk                          | 3,668               | 3,603               | 5,013               | 54,886              | 6.1              |
| Yogurt Plain &<br>Fruit Flavored        | 195,099             | 161,558             | 175,984             | 2,310,582           | 15.4             |

<sup>1</sup> Includes Colby, Monterey, and Jack.

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

<sup>3</sup> Excluding cottage cheese.

<sup>4</sup> Mostly used for processing into creamed or lowfat cottage cheese.

<sup>5</sup> Fat content 4.0 percent or more.

<sup>6</sup> Fat content less than 4.0 percent, mostly 0.5 to 2.0 fat.

<sup>7</sup> Combined to avoid disclosing individual plant operations.



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

| Products                                | Plants        | Jan                 | Feb                 | Mar                 | Apr                 |
|---|---------------|---------------------|---------------------|---------------------|---------------------|
|   | <i>Number</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Butter                                  | 69            | 141,912             | 128,086             | 126,400             | 122,844             |
| Cheese                                  |               |                     |                     |                     |                     |
| American Types                          |               |                     |                     |                     |                     |
| Cheddar                                 | 159           | 246,690             | 219,377             | 240,590             | 231,685             |
| Other American <sup>1</sup>             | 111           | 71,738              | 66,918              | 77,243              | 75,402              |
| Total American                          | 177           | 318,428             | 286,295             | 317,833             | 307,087             |
| Swiss                                   | 40            | 22,944              | 20,189              | 21,274              | 21,037              |
| Muenster                                | 35            | 6,286               | 5,979               | 6,742               | 7,043               |
| Brick                                   | 21            | 629                 | 695                 | 753                 | 459                 |
| Limburger                               | 1             | 31                  | 75                  | 50                  | 63                  |
| Italian Varieties                       |               |                     |                     |                     |                     |
| Mozzarella                              | 122           | 231,028             | 211,519             | 237,475             | 236,320             |
| Other Italian                           | 92            | 61,072              | 53,973              | 62,308              | 61,364              |
| Total Italian                           | 150           | 292,100             | 265,492             | 299,783             | 297,684             |
| Cream & Neufchatel<br>Blue <sup>2</sup> | 34            | 44,887              | 42,621              | 53,210              | 53,507              |
| Hispanic                                | 42            | 10,563              | 9,964               | 11,613              | 11,564              |
| All Other Types                         | 141           | 18,970              | 17,334              | 19,029              | 20,390              |
| Total Cheese <sup>3</sup>               | 399           | 714,838             | 648,644             | 730,287             | 718,834             |
| Cottage Cheese                          |               |                     |                     |                     |                     |
| Curd <sup>4</sup>                       | 84            | 36,100              | 33,555              | 37,736              | 39,611              |
| Creamed <sup>5</sup>                    | 84            | 32,071              | 29,246              | 31,570              | 33,847              |
| Lowfat <sup>6</sup>                     | 82            | 31,263              | 29,543              | 32,003              | 32,910              |
| Canned Milk                             |               |                     |                     |                     |                     |
| Evaporated and Cond. Whole <sup>7</sup> | 11            | 39,158              | 35,666              | 51,696              | 56,903              |
| Evaporated Skim                         | 4             | 588                 | 698                 | 810                 | 1,185               |
| Bulk Condensed Milk                     |               |                     |                     |                     |                     |
| Whole                                   |               |                     |                     |                     |                     |
| Sweetened                               | 7             | 6,617               | 5,239               | 6,510               | 8,117               |
| Unsweetened                             | 12            | 4,329               | 5,144               | 6,394               | 7,984               |
| Skim                                    |               |                     |                     |                     |                     |
| Sweetened                               | 7             | 1,929               | 1,616               | 1,506               | 1,606               |
| Unsweetened                             | 38            | 70,134              | 66,036              | 76,193              | 81,844              |
| Condensed or Evaporated<br>Buttermilk   | 8             | 3,987               | 1,808               | 3,072               | 1,618               |
| Dry Milk                                |               |                     |                     |                     |                     |
| Dry Whole Milk                          | 13            | 2,693               | 2,600               | 3,360               | 3,094               |
| Nonfat Dry Milk, Human                  | 47            | 141,299             | 137,213             | 155,430             | 159,997             |
| Dry Skim Milk, Animal                   | 29            | 465                 | 445                 | 375                 | 486                 |
| Dry Buttermilk                          | 23            | 7,212               | 6,132               | 5,744               | 5,653               |
| Sour Cream <sup>8</sup>                 | 100           | 76,911              | 64,525              | 78,351              | 80,349              |
| Yogurt Plain &<br>Fruit Flavored        | 99            | 191,783             | 199,864             | 218,168             | 200,945             |

See footnote(s) at end of table.

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

| Products                                | May                 | Jun                 | Jul                 | Aug                 | Sep                 |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
|   | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Butter                                  | 114,895             | 84,169              | 80,050              | 70,916              | 73,267              |
| Cheese                                  |                     |                     |                     |                     |                     |
| American Types                          |                     |                     |                     |                     |                     |
| Cheddar                                 | 239,124             | 229,741             | 229,870             | 223,183             | 214,603             |
| Other American <sup>1</sup>             | 80,338              | 75,308              | 76,805              | 75,934              | 77,619              |
| Total American                          | 319,462             | 305,049             | 306,675             | 299,117             | 292,222             |
| Swiss                                   | 22,444              | 22,146              | 22,158              | 20,865              | 21,085              |
| Muenster                                | 7,341               | 6,734               | 6,517               | 5,942               | 6,518               |
| Brick                                   | 625                 | 782                 | 1,007               | 893                 | 1,062               |
| Limburger                               | 66                  | 33                  | 73                  | 44                  | 77                  |
| Italian Varieties                       |                     |                     |                     |                     |                     |
| Mozzarella                              | 246,188             | 236,757             | 236,511             | 232,518             | 225,454             |
| Other Italian                           | 56,377              | 56,283              | 57,312              | 56,269              | 62,458              |
| Total Italian                           | 302,565             | 293,040             | 293,823             | 288,787             | 287,912             |
| Cream & Neufchatel                      |                     |                     |                     |                     |                     |
| Blue <sup>2</sup>                       | 53,579              | 52,165              | 54,050              | 54,766              | 66,729              |
| Hispanic                                | 11,318              | 10,861              | 11,474              | 10,714              | 11,615              |
| All Other Types                         | 19,627              | 21,499              | 22,481              | 19,004              | 21,488              |
| Total Cheese <sup>3</sup>               | 737,027             | 712,309             | 718,258             | 700,132             | 708,708             |
| Cottage Cheese                          |                     |                     |                     |                     |                     |
| Curd <sup>4</sup>                       | 37,894              | 36,342              | 40,196              | 40,108              | 38,777              |
| Creamed <sup>5</sup>                    | 32,722              | 33,694              | 34,767              | 34,175              | 33,043              |
| Lowfat <sup>6</sup>                     | 32,039              | 30,301              | 32,910              | 33,182              | 33,974              |
| Canned Milk                             |                     |                     |                     |                     |                     |
| Evaporated and Cond. Whole <sup>7</sup> | 61,428              | 56,688              | 55,230              | 44,693              | 40,099              |
| Evaporated Skim                         | 871                 | 1,493               | 1,248               | 1,835               | 3,052               |
| Bulk Condensed Milk                     |                     |                     |                     |                     |                     |
| Whole                                   |                     |                     |                     |                     |                     |
| Sweetened                               | 7,325               | 6,924               | 6,627               | 5,442               | 6,682               |
| Unsweetened                             | 5,975               | 6,265               | 7,914               | 6,170               | 5,991               |
| Skim                                    |                     |                     |                     |                     |                     |
| Sweetened                               | 1,897               | 1,936               | 3,788               | 2,073               | 1,841               |
| Unsweetened                             | 82,713              | 81,453              | 80,589              | 75,754              | 73,656              |
| Condensed or Evaporated                 |                     |                     |                     |                     |                     |
| Buttermilk                              | 3,550               | 5,609               | 7,044               | 2,778               | 2,725               |
| Dry Milk                                |                     |                     |                     |                     |                     |
| Dry Whole Milk                          | 1,918               | 3,291               | 3,460               | 2,618               | 5,237               |
| Nonfat Dry Milk, Human                  | 163,883             | 139,992             | 127,915             | 107,060             | 96,774              |
| Dry Skim Milk, Animal                   | 470                 | 470                 | 835                 | 455                 | 450                 |
| Dry Buttermilk                          | 4,691               | 2,869               | 2,359               | 2,440               | 2,409               |
| Sour Cream <sup>8</sup>                 | 76,599              | 80,164              | 76,507              | 80,096              | 77,522              |
| Yogurt Plain &<br>Fruit Flavored        | 200,040             | 204,552             | 190,854             | 214,098             | 222,693             |

See footnote(s) at end of table.

--continued

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

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

<sup>1</sup> Includes Colby, Monterey, and Jack.

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

<sup>3</sup> Excluding cottage cheese.

<sup>4</sup> Mostly used for processing into creamed or lowfat cottage cheese.

<sup>5</sup> Fat content 4.0 percent or more.

<sup>6</sup> Fat content less than 4.0 percent, mostly 0.5 to 2.0 fat.

<sup>7</sup> Combined to avoid disclosing individual plant operations.

<sup>8</sup> New data series.

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

| Products                          | Plants               | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  |
|-----------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                   | <i>Number</i>        | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| <b>Ice Cream</b>                  |                      |                      |                      |                      |                      |                      |                      |
| Regular, Total                    |                      | 79,725               | 79,354               | 86,997               | 92,906               | 90,642               | 94,107               |
| Regular, Hard                     | 387                  | 70,189               | 69,710               | 76,055               | 80,911               | 78,275               | 81,322               |
| Lowfat, Total <sup>1</sup>        |                      | 21,965               | 23,388               | 28,031               | 33,179               | 35,498               | 34,996               |
| Lowfat, Soft                      |                      | 14,154               | 15,695               | 18,770               | 22,753               | 24,155               | 25,205               |
| Lowfat, Hard                      | 183                  | 7,811                | 7,693                | 9,261                | 10,426               | 11,343               | 9,791                |
| Nonfat, Total                     |                      | 1,863                | 1,535                | 2,070                | 1,893                | 1,796                | 1,797                |
| Nonfat, Hard                      | 82                   | 1,633                | 1,340                | 1,838                | 1,663                | 1,602                | 1,533                |
| <b>Sherbet, Total</b>             |                      | 4,128                | 4,239                | 5,217                | 5,475                | 5,693                | 5,628                |
| Hard                              | 222                  | 3,852                | 3,978                | 4,910                | 5,142                | 5,357                | 5,326                |
| <b>Yogurt, Total</b>              |                      | 5,391                | 5,540                | 6,112                | 6,400                | 6,845                | 6,485                |
| Regular & Lowfat, Hard            | 136                  | 1,772                | 1,861                | 2,170                | 2,138                | 2,411                | 2,135                |
| Nonfat, Hard                      | 69                   | 940                  | 983                  | 1,160                | 1,141                | 1,057                | 1,205                |
| <b>Other Frozen</b>               |                      |                      |                      |                      |                      |                      |                      |
| Dairy Products <sup>2</sup>       | 33                   | 740                  | 744                  | 709                  | 783                  | 905                  | 794                  |
| Water and Juice Ices <sup>2</sup> | 130                  | 4,718                | 5,475                | 6,736                | 7,279                | 7,081                | 7,412                |
| <b>Mix for Products</b>           |                      |                      |                      |                      |                      |                      |                      |
| Ice Cream, Regular                | 304                  | 40,163               | 40,005               | 44,561               | 47,317               | 46,053               | 47,901               |
| Ice Cream, Lowfat <sup>3</sup>    | 241                  | 12,417               | 13,859               | 16,713               | 20,019               | 21,441               | 21,127               |
| Ice Cream, Nonfat                 | 77                   | 1,181                | 896                  | 1,196                | 1,060                | 1,045                | 1,118                |
| Sherbet                           | 181                  | 2,717                | 2,741                | 3,369                | 3,464                | 3,652                | 3,562                |
| Yogurt                            |                      | 3,150                | 3,404                | 3,896                | 3,802                | 4,357                | 4,003                |
| <b>Products</b>                   | <b>Jul</b>           | <b>Aug</b>           | <b>Sep</b>           | <b>Oct</b>           | <b>Nov</b>           | <b>Dec</b>           | <b>Total</b>         |
|                                   | <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> |
| <b>Ice Cream</b>                  |                      |                      |                      |                      |                      |                      |                      |
| Regular, Total                    | 96,990               | 90,930               | 81,727               | 81,104               | 66,003               | 64,507               | 1,004,992            |
| Regular, Hard                     | 83,614               | 78,457               | 70,449               | 71,200               | 57,893               | 54,413               | 872,488              |
| Lowfat, Total <sup>1</sup>        | 34,402               | 32,219               | 26,634               | 26,080               | 20,877               | 21,269               | 338,538              |
| Lowfat, Soft                      | 26,111               | 23,303               | 18,851               | 18,088               | 14,371               | 14,418               | 235,874              |
| Lowfat, Hard                      | 8,291                | 8,916                | 7,783                | 7,992                | 6,506                | 6,851                | 102,664              |
| Nonfat, Total                     | 1,759                | 1,744                | 1,670                | 1,816                | 1,649                | 1,458                | 21,050               |
| Nonfat, Hard                      | 1,546                | 1,534                | 1,423                | 1,583                | 1,468                | 1,264                | 18,427               |
| <b>Sherbet, Total</b>             | 5,902                | 5,058                | 4,499                | 4,435                | 3,194                | 3,530                | 56,998               |
| Hard                              | 5,584                | 4,728                | 4,231                | 4,161                | 2,950                | 3,299                | 53,518               |
| <b>Yogurt, Total</b>              | 6,560                | 6,456                | 6,058                | 5,836                | 4,894                | 4,194                | 70,771               |
| Regular & Lowfat, Hard            | 2,230                | 1,998                | 1,928                | 2,063                | 1,733                | 1,313                | 23,752               |
| Nonfat, Hard                      | 1,219                | 1,276                | 1,182                | 1,024                | 963                  | 787                  | 12,937               |
| <b>Other Frozen</b>               |                      |                      |                      |                      |                      |                      |                      |
| Dairy Products <sup>2</sup>       | 833                  | 775                  | 710                  | 717                  | 427                  | 523                  | 8,660                |
| Water and Juice Ices <sup>2</sup> | 7,580                | 5,851                | 4,361                | 4,656                | 3,190                | 3,223                | 67,562               |
| <b>Mix for Products</b>           |                      |                      |                      |                      |                      |                      |                      |
| Ice Cream, Regular                | 49,726               | 45,776               | 41,814               | 40,822               | 33,056               | 35,997               | 513,191              |
| Ice Cream, Lowfat <sup>3</sup>    | 21,393               | 19,720               | 16,079               | 15,736               | 12,265               | 12,823               | 203,592              |
| Ice Cream, Nonfat                 | 920                  | 906                  | 948                  | 924                  | 965                  | 759                  | 11,918               |
| Sherbet                           | 3,746                | 3,418                | 2,970                | 2,918                | 2,357                | 2,315                | 37,229               |
| Yogurt                            | 4,174                | 4,046                | 3,632                | 3,354                | 2,943                | 2,724                | 43,485               |

<sup>1</sup> Includes freezer-made milkshake.

<sup>2</sup> Plant count does not include counter-freezers.

<sup>3</sup> Includes milkshake mix.

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

| Products                          | Plants               | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  |
|-----------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                   | <i>Number</i>        | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| <b>Ice Cream</b>                  |                      |                      |                      |                      |                      |                      |                      |
| Regular, Total                    |                      | 79,255               | 80,425               | 86,587               | 96,301               | 93,449               | 97,264               |
| Regular, Hard                     | 375                  | 69,795               | 70,821               | 75,716               | 84,367               | 80,900               | 84,698               |
| Lowfat, Total <sup>1</sup>        |                      | 23,544               | 24,272               | 29,618               | 32,249               | 34,534               | 36,902               |
| Lowfat, Soft                      |                      | 15,334               | 16,557               | 20,843               | 23,121               | 25,102               | 27,107               |
| Lowfat, Hard                      | 177                  | 8,210                | 7,715                | 8,775                | 9,128                | 9,432                | 9,795                |
| Nonfat, Total                     |                      | 1,685                | 1,699                | 1,786                | 2,111                | 1,976                | 1,992                |
| Nonfat, Hard                      | 71                   | 1,440                | 1,382                | 1,593                | 1,830                | 1,839                | 1,865                |
| <b>Sherbet, Total</b>             |                      | 4,366                | 4,593                | 4,965                | 5,375                | 5,389                | 5,983                |
| Hard                              | 222                  | 3,986                | 4,311                | 4,683                | 5,011                | 5,058                | 5,582                |
| <b>Yogurt, Total</b>              |                      | 5,271                | 5,731                | 5,803                | 7,025                | 6,558                | 6,211                |
| Regular & Lowfat, Hard            | 125                  | 1,603                | 1,820                | 1,795                | 2,080                | 1,963                | 1,895                |
| Nonfat, Hard                      | 69                   | 839                  | 985                  | 997                  | 1,182                | 1,270                | 1,206                |
| <b>Other Frozen</b>               |                      |                      |                      |                      |                      |                      |                      |
| Dairy Products <sup>2</sup>       | 38                   | 580                  | 621                  | 608                  | 635                  | 810                  | 900                  |
| Water and Juice Ices <sup>2</sup> | 132                  | 4,916                | 11,667               | 5,873                | 6,474                | 6,498                | 6,768                |
| <b>Mix for Products</b>           |                      |                      |                      |                      |                      |                      |                      |
| Ice Cream, Regular                | 294                  | 40,852               | 40,783               | 44,474               | 47,804               | 48,686               | 50,637               |
| Ice Cream, Lowfat <sup>3</sup>    | 239                  | 13,693               | 13,872               | 17,675               | 19,328               | 20,571               | 22,345               |
| Ice Cream, Nonfat                 | 69                   | 1,099                | 1,081                | 1,128                | 1,193                | 1,351                | 1,283                |
| Sherbet                           | 178                  | 2,786                | 3,091                | 3,294                | 3,566                | 3,618                | 4,031                |
| Yogurt                            |                      | 2,993                | 3,324                | 3,456                | 3,761                | 4,135                | 3,800                |
| <b>Products</b>                   | <b>Jul</b>           | <b>Aug</b>           | <b>Sep</b>           | <b>Oct</b>           | <b>Nov</b>           | <b>Dec</b>           | <b>Total</b>         |
|                                   | <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> |
| <b>Ice Cream</b>                  |                      |                      |                      |                      |                      |                      |                      |
| Regular, Total                    | 97,510               | 88,672               | 84,007               | 79,446               | 67,813               | 64,320               | 1,015,049            |
| Regular, Hard                     | 84,507               | 77,382               | 73,398               | 69,761               | 59,530               | 56,091               | 886,966              |
| Lowfat, Total <sup>1</sup>        | 38,783               | 33,504               | 28,364               | 27,413               | 21,285               | 22,466               | 352,934              |
| Lowfat, Soft                      | 27,526               | 24,827               | 20,081               | 19,062               | 14,738               | 15,363               | 249,661              |
| Lowfat, Hard                      | 11,257               | 8,677                | 8,283                | 8,351                | 6,547                | 7,103                | 103,273              |
| Nonfat, Total                     | 2,035                | 1,580                | 1,665                | 1,798                | 1,417                | 1,178                | 20,922               |
| Nonfat, Hard                      | 1,858                | 1,478                | 1,564                | 1,681                | 1,344                | 1,097                | 18,971               |
| <b>Sherbet, Total</b>             | 5,382                | 4,847                | 4,527                | 3,929                | 3,388                | 3,444                | 56,188               |
| Hard                              | 5,053                | 4,552                | 4,255                | 3,697                | 3,169                | 3,209                | 52,566               |
| <b>Yogurt, Total</b>              | 6,057                | 5,953                | 5,818                | 5,282                | 4,399                | 3,916                | 68,024               |
| Regular & Lowfat, Hard            | 1,960                | 1,852                | 1,882                | 1,756                | 1,436                | 1,228                | 21,270               |
| Nonfat, Hard                      | 1,243                | 1,168                | 1,143                | 967                  | 813                  | 754                  | 12,567               |
| <b>Other Frozen</b>               |                      |                      |                      |                      |                      |                      |                      |
| Dairy Products <sup>2</sup>       | 837                  | 707                  | 627                  | 560                  | 439                  | 601                  | 7,925                |
| Water and Juice Ices <sup>2</sup> | 6,429                | 5,103                | 4,264                | 3,834                | 2,942                | 2,773                | 67,541               |
| <b>Mix for Products</b>           |                      |                      |                      |                      |                      |                      |                      |
| Ice Cream, Regular                | 51,714               | 45,812               | 44,061               | 40,844               | 34,525               | 33,679               | 523,871              |
| Ice Cream, Lowfat <sup>3</sup>    | 22,630               | 20,539               | 16,849               | 16,042               | 12,652               | 13,388               | 209,584              |
| Ice Cream, Nonfat                 | 1,326                | 912                  | 1,012                | 1,190                | 946                  | 937                  | 13,458               |
| Sherbet                           | 3,660                | 3,180                | 3,035                | 2,655                | 2,222                | 2,330                | 37,468               |
| Yogurt                            | 3,782                | 3,652                | 3,487                | 3,045                | 2,733                | 2,648                | 40,816               |

<sup>1</sup> Includes freezer-made milkshake.

<sup>2</sup> Plant count does not include counter-freezers.

<sup>3</sup> Includes milkshake mix.

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

| Products                                       | Plants              | Jan                 | Feb                 | Mar                 | Apr                 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | <i>Number</i>       | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 10                  | 9,598               | 8,217               | 9,353               | 10,152              |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                |                     | 90,071              | 84,430              | 96,405              | 93,868              |
| Dry Whey, Human                                | 40                  | 85,491              | 79,948              | 91,727              | 88,669              |
| Dry Whey, Animal                               | 32                  | 4,580               | 4,482               | 4,678               | 5,199               |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 8                   | 8,559               | 7,666               | 8,277               | 8,926               |
| Animal Feed                                    | 6                   | 3,685               | 3,483               | 3,514               | 3,521               |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal                   | 3                   | 3,054               | 3,988               | 2,704               | 3,169               |
| Protein Concentrate, Human                     | 31                  | 23,078              | 21,816              | 23,455              | 23,185              |
| Protein Concentrate, Animal                    | 7                   | 3,920               | 3,263               | 3,393               | 3,036               |
| Lactose, Human and Animal                      | 27                  | 48,455              | 43,944              | 49,277              | 47,789              |
| Products                                       | May                 | Jun                 | Jul                 | Aug                 | Sep                 |
|  | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 9,736               | 9,669               | 7,892               | 8,669               | 8,819               |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                | 98,417              | 93,720              | 92,357              | 93,819              | 89,489              |
| Dry Whey, Human                                | 92,720              | 88,507              | 84,178              | 86,155              | 82,403              |
| Dry Whey, Animal                               | 5,697               | 5,213               | 8,179               | 7,664               | 7,086               |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 9,541               | 8,046               | 8,846               | 6,858               | 4,269               |
| Animal Feed                                    | 3,735               | 3,409               | 3,529               | 3,374               | 3,214               |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal                   | 2,709               | 2,953               | 2,424               | 3,097               | 2,828               |
| Protein Concentrate, Human                     | 23,219              | 22,263              | 22,887              | 22,455              | 20,511              |
| Protein Concentrate, Animal                    | 3,247               | 2,510               | 3,174               | 3,503               | 3,085               |
| Lactose, Human and Animal                      | 47,725              | 46,539              | 46,319              | 46,532              | 44,516              |
| Products                                       | Oct                 | Nov                 | Dec                 | Total               |                     |
|  | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |                     |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 8,671               | 8,439               | 9,035               | 108,250             |                     |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                | 93,077              | 91,500              | 98,168              | 1,115,321           |                     |
| Dry Whey, Human                                | 86,769              | 84,449              | 89,961              | 1,040,977           |                     |
| Dry Whey, Animal                               | 6,308               | 7,051               | 8,207               | 74,344              |                     |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 4,384               | 3,560               | 3,981               | 82,913              |                     |
| Animal Feed                                    | 3,543               | 3,199               | 3,551               | 41,757              |                     |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal                   | 4,009               | 3,877               | 2,844               | 37,656              |                     |
| Protein Concentrate, Human                     | 23,103              | 23,240              | 24,968              | 274,180             |                     |
| Protein Concentrate, Animal                    | 3,443               | 3,185               | 3,300               | 39,059              |                     |
| Lactose, Human and Animal                      | 46,647              | 46,239              | 49,128              | 563,110             |                     |

<sup>1</sup> 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.

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

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

| Products                                       | Plants              | Jan                 | Feb                 | Mar                 | Apr                 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | <i>Number</i>       | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 9                   | 10,244              | 8,919               | 9,966               | 9,389               |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                |                     | 95,268              | 86,466              | 98,511              | 92,801              |
| Dry Whey, Human                                | 45                  | 86,687              | 80,699              | 91,218              | 85,689              |
| Dry Whey, Animal                               | 33                  | 8,581               | 5,767               | 7,293               | 7,112               |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 7                   | 4,457               | 4,104               | 1,993               | 2,998               |
| Animal Feed                                    | 4                   | 3,876               | 3,249               | 3,445               | 3,498               |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal <sup>2</sup>      |                     |                     |                     |                     |                     |
| Protein Concentrate, Human                     | 33                  | 26,288              | 25,750              | 26,412              | 26,956              |
| Protein Concentrate, Animal                    | 11                  | 3,208               | 3,073               | 3,005               | 3,015               |
| Lactose, Human and Animal                      | 27                  | 47,494              | 43,898              | 49,323              | 49,424              |
| Products                                       | May                 | Jun                 | Jul                 | Aug                 | Sep                 |
|  | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 10,155              | 8,930               | 9,628               | 9,204               | 8,551               |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                | 97,256              | 92,410              | 93,709              | 87,643              | 84,812              |
| Dry Whey, Human                                | 90,819              | 85,555              | 86,383              | 82,043              | 77,852              |
| Dry Whey, Animal                               | 6,437               | 6,855               | 7,326               | 5,600               | 6,960               |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 3,092               | 3,397               | 4,394               | 3,902               | 3,823               |
| Animal Feed                                    | 3,585               | 3,257               | 3,327               | 3,116               | 3,059               |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal <sup>2</sup>      |                     |                     |                     |                     |                     |
| Protein Concentrate, Human                     | 26,778              | 23,006              | 24,149              | 23,937              | 23,339              |
| Protein Concentrate, Animal                    | 3,327               | 3,167               | 3,335               | 3,535               | 3,326               |
| Lactose, Human and Animal                      | 50,579              | 48,178              | 52,870              | 47,414              | 48,571              |
| Products                                       | Oct                 | Nov                 | Dec                 | Total               |                     |
|  | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |                     |
| Concentrated Whey, Solids Content <sup>1</sup> |                     |                     |                     |                     |                     |
| Sweet Type, Human                              | 10,810              | 9,015               | 9,845               | 114,656             |                     |
| Sweet Type, Animal <sup>2</sup>                |                     |                     |                     |                     |                     |
| Dry Whey Products                              |                     |                     |                     |                     |                     |
| Dry Whey, Total                                | 86,176              | 82,343              | 88,948              | 1,086,343           |                     |
| Dry Whey, Human                                | 80,885              | 76,186              | 81,276              | 1,005,292           |                     |
| Dry Whey, Animal                               | 5,291               | 6,157               | 7,672               | 81,051              |                     |
| Reduced Lactose and Minerals                   |                     |                     |                     |                     |                     |
| Human Food                                     | 3,684               | 3,160               | 4,367               | 43,371              |                     |
| Animal Feed                                    | 3,447               | 3,427               | 3,453               | 40,739              |                     |
| Whey   |                     |                     |                     |                     |                     |
| Solids in Wet Blends, Animal <sup>2</sup>      |                     |                     |                     |                     |                     |
| Protein Concentrate, Human                     | 23,431              | 22,346              | 25,948              | 298,340             |                     |
| Protein Concentrate, Animal                    | 3,722               | 3,950               | 3,961               | 40,624              |                     |
| Lactose, Human and Animal                      | 49,961              | 48,961              | 51,782              | 588,455             |                     |

<sup>1</sup> 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.

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

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

| Products                               | Jan  | Feb                    | Mar                    | Apr                    |
|--|--|------------------------|------------------------|------------------------|
|  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                      |  |                        |                        |                        |
| Dry Whey, Human                        | 37,204   | 37,148                 | 42,369                 | 39,356                 |
| Dry Whey, Animal                       | 1,926  | 1,430                  | 1,145                  | 1,668                  |
| Reduced Lactose and Minerals           |  |                        |                        |                        |
| Human and Animal                       | 8,201  | 8,078                  | 8,283                  | 8,603                  |
| Lactose, Human and Animal <sup>2</sup> | 38,769   | 36,312                 | 44,316                 | 46,950                 |
| Whey Protein Concentrate, Human        | 27,299   | 27,293                 | 30,140                 | 30,965                 |
| Whey Protein Concentrate, Animal       | 1,877  | 1,652                  | 1,311                  | 1,577                  |
|  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                       | 24.9   | 20.4                   | 18.4                   | 17.7                   |
| Products                               | May  | Jun                    | Jul                    | Aug                    |
|  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                      |  |                        |                        |                        |
| Dry Whey, Human                        | 35,580   | 36,720                 | 30,408                 | 28,924                 |
| Dry Whey, Animal                       | 1,578  | 2,383                  | 2,785                  | 2,709                  |
| Reduced Lactose and Minerals           |  |                        |                        |                        |
| Human and Animal <sup>2</sup>          | 9,875  | 9,845                  | 11,754                 | 11,405                 |
| Lactose, Human and Animal              | 45,300   | 45,689                 | 43,657                 | 39,185                 |
| Whey Protein Concentrate, Human        | 29,719   | 31,853                 | 29,074                 | 24,061                 |
| Whey Protein Concentrate, Animal       | 1,592  | 1,956                  | 1,218                  | 1,303                  |
|  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                       | 16.0   | 14.6                   | 13.2                   | 13.7                   |
| Products                               | Sep  | Oct                    | Nov                    | Dec                    |
|  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                      |  |                        |                        |                        |
| Dry Whey, Human                        | 30,694   | 31,939                 | 36,631                 | 47,012                 |
| Dry Whey, Animal                       | 2,138  | 2,185                  | 3,126                  | 2,380                  |
| Reduced Lactose and Minerals           |  |                        |                        |                        |
| Human and Animal <sup>2</sup>          | 10,437   | 8,825                  | 9,109                  | 10,079                 |
| Lactose, Human and Animal              | 39,285   | 41,930                 | 39,280                 | 45,512                 |
| Whey Protein Concentrate, Human        | 21,126   | 21,778                 | 21,597                 | 22,472                 |
| Whey Protein Concentrate, Animal       | 1,283  | 1,127                  | 1,429                  | 1,445                  |
|  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                       | 15.3   | 17.1                   | 18.6                   | 14.7                   |

<sup>1</sup> Stocks held by manufacturers at all points and in transit.

<sup>2</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

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



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

| Products                         | Jan  | Feb                    | Mar                    | Apr                    |
|----------------------------------|--|------------------------|------------------------|------------------------|
|                                  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|                                  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                |  |                        |                        |                        |
| Dry Whey, Human                  | 37,564   | 37,187                 | 44,147                 | 45,536                 |
| Dry Whey, Animal                 | 3,235  | 1,420                  | 1,501                  | 1,464                  |
| Reduced Lactose and Minerals     |  |                        |                        |                        |
| Human and Animal <sup>2</sup>    | 10,594   | 11,782                 | 10,502                 | 9,991                  |
| Lactose, Human and Animal        | 44,672   | 39,694                 | 44,265                 | 42,150                 |
| Whey Protein Concentrate, Human  | 24,057   | 22,731                 | 27,663                 | 28,278                 |
| Whey Protein Concentrate, Animal | 1,411  | 1,790                  | 1,767                  | 1,712                  |
|                                  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|                                  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                 | 13.0   | 12.6                   | 12.2                   | 11.8                   |
| Products                         | May  | Jun                    | Jul                    | Aug                    |
|                                  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|                                  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                |  |                        |                        |                        |
| Dry Whey, Human                  | 45,389   | 45,042                 | 42,769                 | 40,513                 |
| Dry Whey, Animal                 | 2,264  | 1,805                  | 2,974                  | 2,929                  |
| Reduced Lactose and Minerals     |  |                        |                        |                        |
| Human and Animal <sup>2</sup>    | 10,138   | 9,863                  | 9,991                  | 10,037                 |
| Lactose, Human and Animal        | 40,256   | 44,412                 | 38,252                 | 37,349                 |
| Whey Protein Concentrate, Human  | 30,662   | 29,160                 | 26,245                 | 25,489                 |
| Whey Protein Concentrate, Animal | 1,607  | 1,872                  | 1,562                  | 1,550                  |
|                                  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|                                  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                 | 11.5   | 11.0                   | 14.3                   | 15.7                   |
| Products                         | Sep  | Oct                    | Nov                    | Dec                    |
|                                  | <b>Manufacturers' Stocks End-of-Month <sup>1</sup></b> |                        |                        |                        |
|                                  | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whey Products                |  |                        |                        |                        |
| Dry Whey, Human                  | 37,340   | 35,318                 | 38,956                 | 40,562                 |
| Dry Whey, Animal                 | 3,501  | 2,778                  | 4,531                  | 5,415                  |
| Reduced Lactose and Minerals     |  |                        |                        |                        |
| Human and Animal <sup>2</sup>    | 9,518  | 7,958                  | 7,917                  | 7,278                  |
| Lactose, Human and Animal        | 40,841   | 42,385                 | 44,409                 | 49,983                 |
| Whey Protein Concentrate, Human  | 23,555   | 22,856                 | 22,219                 | 24,075                 |
| Whey Protein Concentrate, Animal | 1,657  | 2,371                  | 2,676                  | 2,114                  |
|                                  | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |
|                                  | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whey, Animal                 | 16.6   | 18.3                   | 19.1                   | 19.0                   |

<sup>1</sup> Stocks held by manufacturers at all points and in transit.

<sup>2</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

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

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

| Products                                      | Jan  | Feb                    | Mar                    | Apr                    | May                    | Jun                    |
|---|--|------------------------|------------------------|------------------------|------------------------|------------------------|
|   | <b>Manufacturers' Shipments <sup>1</sup></b>           |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whole Milk                                | 5,123  | 4,816                  | 4,530                  | 3,285                  | 3,868                  | 3,998                  |
| Nonfat Dry Milk, Human                        | 126,388  | 107,035                | 124,564                | 148,301                | 156,002                | 143,674                |
| Dry Skim Milk, Animal                         | 304  | 951                    | 375                    | 613                    | 396                    | 657                    |
| Dry Buttermilk, Human                         | 3,036  | 4,528                  | 4,257                  | 6,131                  | 4,243                  | 4,233                  |
|   | <b>Manufacturers' Stocks End-of-Month <sup>2</sup></b> |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>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<br>Condensed Whole Milk | 42,080   | 45,771                 | 43,642                 | 48,809                 | 55,405                 | 68,733                 |
| Dry Whole Milk                                | 2,444  | 3,078                  | 2,772                  | 2,987                  | 2,473                  | 2,431                  |
| Nonfat Dry Milk, Human                        | 99,201   | 123,537                | 134,978                | 136,199                | 138,768                | 143,869                |
| Dry Skim Milk, Animal                         | 1,258  | 1,341                  | 2,252                  | 2,127                  | 2,474                  | 3,157                  |
| Dry Buttermilk, Total                         | 6,947  | 7,410                  | 7,987                  | 10,601                 | 11,594                 | 11,341                 |
|   | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |                        |                        |
|   | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whole Milk                                | 121.20   | 119.50                 | 115.40                 | 117.10                 | 117.30                 | 117.60                 |
| Dry Skim Milk, Animal                         | 61.00  | 43.90                  | 53.90                  | 52.80                  | 68.30                  | 63.60                  |
| Dry Buttermilk, Human                         | 94.90  | 94.70                  | 90.90                  | 86.10                  | 84.10                  | 82.40                  |
| Products                                      | Jul  | Aug                    | Sep                    | Oct                    | Nov                    | Dec                    |
|   | <b>Manufacturers' Shipments <sup>1</sup></b>           |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whole Milk                                | 4,422  | 4,864                  | 4,847                  | 4,862                  | 5,015                  | 3,598                  |
| Nonfat Dry Milk, Human                        | 142,859  | 143,749                | 116,737                | 102,788                | 89,947                 | 110,246                |
| Dry Skim Milk, Animal                         | 1,001  | 630                    | 533                    | 410                    | 355                    | 316                    |
| Dry Buttermilk, Human                         | 3,956  | 4,915                  | 4,502                  | 6,125                  | 4,536                  | 4,120                  |
|   | <b>Manufacturers' Stocks End-of-Month <sup>2</sup></b> |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>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<br>Condensed Whole Milk | 80,048   | 89,882                 | 81,363                 | 61,451                 | 54,691                 | 53,871                 |
| Dry Whole Milk                                | 3,095  | 1,984                  | 2,591                  | 2,684                  | 1,769                  | 3,244                  |
| Nonfat Dry Milk, Human                        | 121,605  | 92,970                 | 72,780                 | 69,838                 | 73,723                 | 98,920                 |
| Dry Skim Milk, Animal                         | 2,817  | 2,372                  | 2,137                  | 1,653                  | 2,013                  | 2,012                  |
| Dry Buttermilk, Total                         | 10,427   | 8,313                  | 6,651                  | 4,591                  | 5,762                  | 6,612                  |
|   | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |                        |                        |
|   | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whole Milk                                | 118.40   | 112.80                 | 113.30                 | 112.90                 | 115.70                 | 117.70                 |
| Dry Skim Milk, Animal                         | 75.00  | 74.00                  | 60.30                  | 66.30                  | 70.30                  | 64.70                  |
| Dry Buttermilk, Human                         | 78.70  | 77.70                  | 77.80                  | 76.80                  | 84.90                  | 79.50                  |

<sup>1</sup> For dry products, shipments of bulk goods only.

<sup>2</sup> Stocks held by manufacturers at all points and in transit.

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

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

| Products                                      | Jan  | Feb                    | Mar                    | Apr                    | May                    | Jun                    |
|---|--|------------------------|------------------------|------------------------|------------------------|------------------------|
|   | <b>Manufacturers' Shipments <sup>1</sup></b>           |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whole Milk                                | 3,951  | 3,807                  | 3,816                  | 3,668                  | 3,232                  | 3,074                  |
| Nonfat Dry Milk, Human                        | 135,166  | 114,734                | 129,655                | 146,619                | 147,857                | 137,330                |
| Dry Skim Milk, Animal                         | 440  | 302                    | 432                    | 777                    | 237                    | 217                    |
| Dry Buttermilk, Human                         | 5,466  | 5,924                  | 4,284                  | 3,764                  | 4,774                  | 5,391                  |
|   | <b>Manufacturers' Stocks End-of-Month <sup>2</sup></b> |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>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<br>Condensed Whole Milk | 51,988   | 52,404                 | 52,815                 | 56,870                 | 63,297                 | 76,098                 |
| Dry Whole Milk                                | 2,614  | 2,707                  | 3,371                  | 4,441                  | 3,116                  | 2,963                  |
| Nonfat Dry Milk, Human                        | 102,941  | 114,890                | 122,611                | 129,308                | 127,370                | 120,014                |
| Dry Skim Milk, Animal                         | 1,882  | 2,012                  | 1,947                  | 1,767                  | 2,044                  | 1,868                  |
| Dry Buttermilk, Total                         | 8,346  | 8,005                  | 9,239                  | 9,594                  | 9,436                  | 6,844                  |
|   | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |                        |                        |
|   | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whole Milk                                | 109.40   | 105.80                 | 110.10                 | 105.40                 | 106.00                 | 106.50                 |
| Dry Skim Milk, Animal                         | 65.70  | 70.80                  | 59.00                  | 37.10                  | 45.80                  | 43.50                  |
| Dry Buttermilk, Human                         | 76.00  | 74.40                  | 73.20                  | 73.30                  | 71.70                  | 70.60                  |
| Products                                      | Jul  | Aug                    | Sep                    | Oct                    | Nov                    | Dec                    |
|   | <b>Manufacturers' Shipments <sup>1</sup></b>           |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>    |
| Dry Whole Milk                                | 3,051  | 3,057                  | 3,458                  | 4,238                  | 3,270                  | 2,406                  |
| Nonfat Dry Milk, Human                        | 150,487  | 109,574                | 103,694                | 97,453                 | 85,426                 | 96,193                 |
| Dry Skim Milk, Animal                         | 349  | 325                    | 197                    | 336                    | 305                    | 303                    |
| Dry Buttermilk, Human                         | 6,149  | 2,737                  | 3,093                  | 3,339                  | 3,156                  | 3,834                  |
|   | <b>Manufacturers' Stocks End-of-Month <sup>2</sup></b> |                        |                        |                        |                        |                        |
|   | <i>1,000 Pounds</i>                                    | <i>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<br>Condensed Whole Milk | 86,492   | 88,647                 | 76,770                 | 58,677                 | 38,368                 | 36,753                 |
| Dry Whole Milk                                | 2,874  | 1,443                  | 1,994                  | 920                    | 1,463                  | 1,686                  |
| Nonfat Dry Milk, Human                        | 85,755   | 71,942                 | 63,410                 | 69,962                 | 87,179                 | 103,887                |
| Dry Skim Milk, Animal                         | 1,793  | 2,021                  | 1,871                  | 1,846                  | 1,549                  | 1,313                  |
| Dry Buttermilk, Total                         | 2,377  | 2,271                  | 1,956                  | 2,159                  | 2,228                  | 2,938                  |
|   | <b>Manufacturers' Selling Prices <sup>3</sup></b>      |                        |                        |                        |                        |                        |
|   | <i>Cents per Pound</i>                                 | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> |
| Dry Whole Milk                                | 106.70   | 108.60                 | 109.30                 | 110.60                 | 111.10                 | 112.00                 |
| Dry Skim Milk, Animal                         | 46.00  | 30.60                  | 52.00                  | 33.90                  | 43.60                  | 42.40                  |
| Dry Buttermilk, Human                         | 74.50  | 80.20                  | 84.70                  | 86.20                  | 86.70                  | 86.40                  |

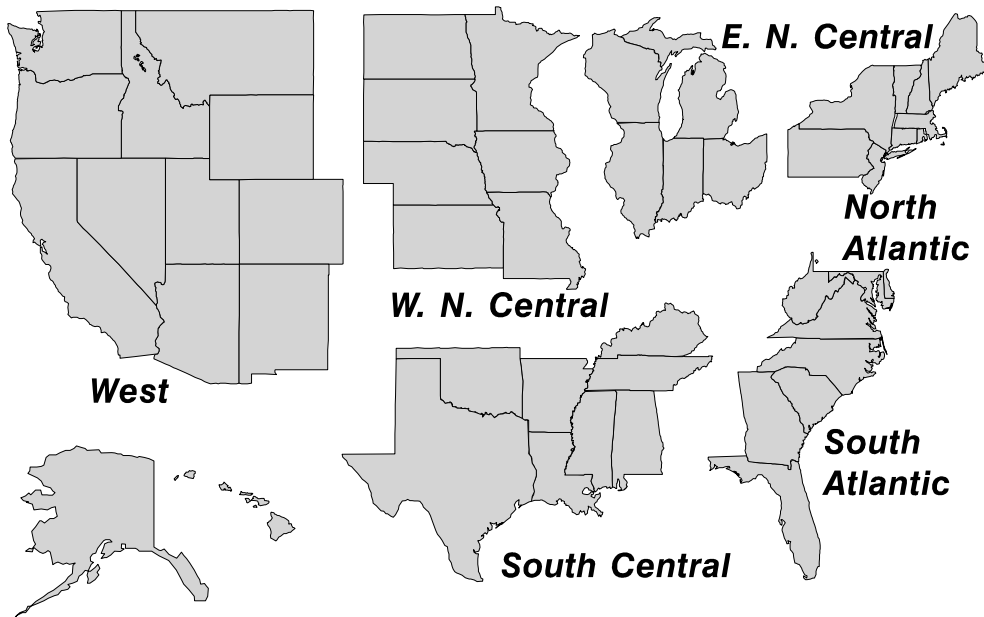
<sup>1</sup> For dry products, shipments of bulk goods only.

<sup>2</sup> Stocks held by manufacturers at all points and in transit.

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

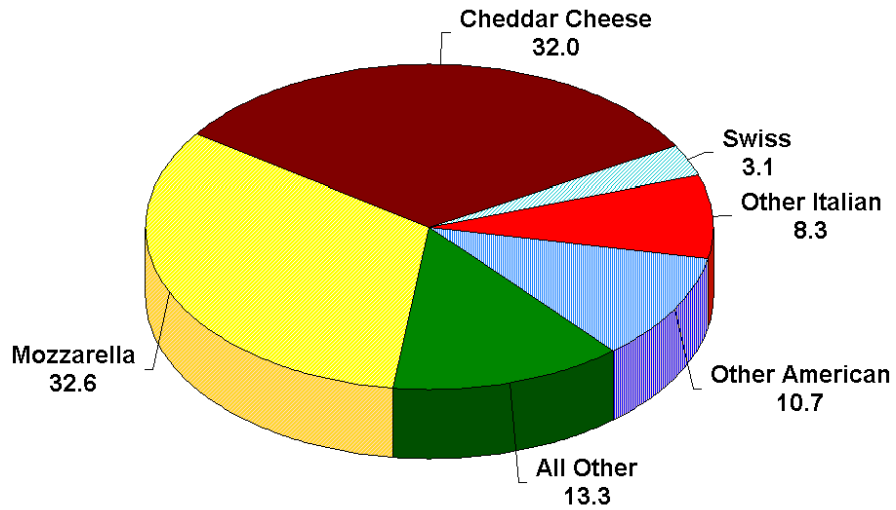
## U. S. Geographic Regions Dairy Products

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



# Cheese Production

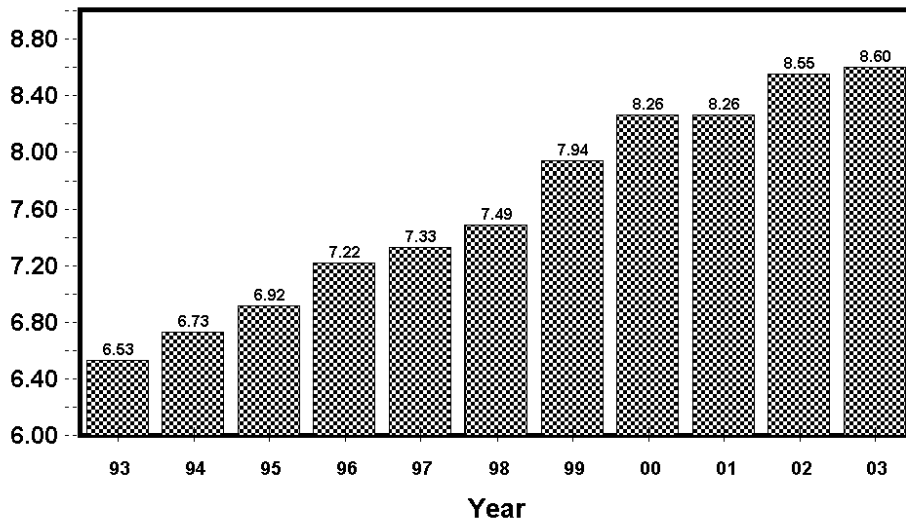
## Percent by Type, 2003



# Total Cheese Production

## United States

Billion Pounds



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

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

See footnote(s) at end of table.

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

| State                   | 2003                |                     |                     |                     |                     |               | 2002             |               |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|------------------|---------------|
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants        | Total            | Plants        |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i> | <i>1,000 Lbs</i> | <i>Number</i> |
| CA                      | 151,800             | 155,120             | 148,359             | 163,667             | 1,826,353           | 66            | 1,722,211        | 63            |
| ID                      |                     |                     |                     |                     |                     |               | 619,943          | 10            |
| IL                      | 7,925               | 8,382               | 7,632               | 8,196               | 95,547              | 13            | 95,055           | 13            |
| IA                      | 12,177              | 12,888              | 11,752              | 13,399              | 162,712             | 8             | 263,005          | 8             |
| MA                      | 70                  | 75                  | 76                  | 89                  | 860                 | 5             | 841              | 6             |
| MN                      | 47,114              | 47,287              | 46,716              | 53,100              | 616,548             | 13            | 597,254          | 14            |
| MO                      | 9,508               | 8,919               | 10,274              | 7,559               | 97,400              | 3             | 98,521           | 3             |
| NY                      | 62,388              | 66,006              | 63,290              | 63,029              | 706,653             | 44            | 716,826          | 45            |
| OH                      | 12,782              | 14,936              | 13,266              | 14,958              | 166,835             | 15            | 159,527          | 15            |
| PA                      | 28,434              | 30,309              | 29,694              | 34,499              | 368,945             | 18            | 374,051          | 19            |
| SD                      | 11,595              | 12,918              | 12,239              | 11,665              | 151,635             | 6             | 155,664          | 6             |
| UT                      | 6,262               | 6,609               | 6,523               | 6,352               | 74,055              | 5             | 66,296           | 6             |
| WA                      |                     |                     |                     |                     |                     |               | 153,901          | 3             |
| WI                      | 191,880             | 201,435             | 184,827             | 200,444             | 2,276,648           | 117           | 2,237,127        | 117           |
| Oth<br>Sts <sup>1</sup> | 166,773             | 175,132             | 175,388             | 181,930             | 2,053,785           | 86            | 1,287,045        | 76            |
| US                      | 708,708             | 740,016             | 710,036             | 758,887             | 8,597,976           | 399           | 8,547,267        | 404           |
| N Atl                   | 106,291             | 112,854             | 108,440             | 113,529             | 1,257,253           | 93            | 1,266,485        | 95            |
| S Atl                   | 3,332               | 3,174               | 2,910               | 2,537               | 38,757              | 4             | 39,356           | 5             |
| E N Cen                 | 222,626             | 235,469             | 216,567             | 237,449             | 2,697,241           | 158           | 2,657,669        | 158           |
| W N Cen                 | 82,366              | 84,306              | 83,921              | 88,926              | 1,078,940           | 37            | 1,215,918        | 38            |
| S Cen                   | 6,963               | 7,095               | 7,491               | 7,427               | 87,545              | 13            | 73,266           | 14            |
| West                    | 287,130             | 297,118             | 290,707             | 309,019             | 3,438,240           | 94            | 3,294,573        | 94            |

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

**Total American Type Cheese: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup>**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 67,510              | 60,357              | 68,295              | 65,318              | 68,650              | 65,862              | 65,695              | 66,438              |
| ID                      | 38,979              | 35,376              | 38,511              | 38,538              | 40,428              | 37,349              | 39,854              | 41,073              |
| IA                      | 12,275              | 10,945              | 12,027              | 11,667              | 11,969              | 10,300              | 9,911               | 9,638               |
| MN                      | 53,091              | 48,688              | 55,326              | 51,185              | 53,699              | 50,247              | 48,938              | 46,362              |
| NY                      | 9,041               | 7,581               | 8,002               | 9,574               | 8,831               | 7,662               | 7,398               | 5,774               |
| OH                      | 3,332               | 2,431               | 2,943               | 2,912               | 3,500               | 3,160               | 3,113               | 2,782               |
| OR                      | 8,167               | 7,418               | 8,440               | 8,155               | 8,721               | 8,090               | 8,477               | 9,186               |
| SD                      | 6,827               | 6,130               | 6,759               | 6,543               | 7,254               | 7,043               | 7,251               | 6,142               |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| WI                      | 72,897              | 64,892              | 71,199              | 68,146              | 71,511              | 69,452              | 70,319              | 66,425              |
| Oth<br>Sts <sup>2</sup> | 46,309              | 42,477              | 46,331              | 45,049              | 44,899              | 45,884              | 45,719              | 45,297              |
| US                      | 318,428             | 286,295             | 317,833             | 307,087             | 319,462             | 305,049             | 306,675             | 299,117             |
| Atlantic                | 15,826              | 13,591              | 12,077              | 15,287              | 12,055              | 12,487              | 13,433              | 11,936              |
| E N Cen                 | 77,472              | 68,194              | 75,269              | 72,269              | 76,026              | 73,438              | 74,643              | 70,325              |
| W N Cen                 | 73,844              | 66,821              | 75,116              | 70,399              | 74,010              | 68,561              | 66,444              | 62,526              |
| S Cen                   | 4,189               | 4,057               | 5,524               | 4,372               | 4,217               | 5,005               | 3,669               | 3,864               |
| West                    | 147,097             | 133,632             | 149,847             | 144,760             | 153,154             | 145,558             | 148,486             | 150,466             |

See footnote(s) at end of table.

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**Total American Type Cheese: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup> (continued)**

| State                   | 2003                |                     |                     |                     |                     |               | 2002             |               |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------|------------------|---------------|
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants        | Total            | Plants        |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i> | <i>1,000 Lbs</i> | <i>Number</i> |
| CA                      | 63,229              | 65,195              | 64,046              | 69,035              | 789,630             | 24            | 785,436          | 23            |
| ID                      | 41,154              | 43,021              | 42,856              | 43,906              | 481,045             | 5             | 482,841          | 8             |
| IA                      | 9,833               | 9,935               | 9,200               | 10,745              | 128,445             | 5             | 143,445          | 6             |
| MN                      | 44,552              | 45,072              | 43,981              | 50,941              | 592,082             | 9             | 575,756          | 10            |
| NY                      | 4,551               | 5,015               | 6,393               | 8,443               | 88,265              | 14            | 92,709           | 15            |
| OH                      | 2,337               | 2,625               | 2,382               | 2,859               | 34,376              | 6             | 34,266           | 6             |
| OR                      | 8,175               | 8,859               | 8,424               | 8,507               | 100,619             | 3             | 94,160           | 4             |
| SD                      | 6,454               | 7,130               | 6,540               | 7,289               | 81,362              | 5             | 77,151           | 5             |
| WA                      |                     |                     |                     |                     |                     |               | 153,010          | 3             |
| WI                      | 66,062              | 70,820              | 63,956              | 72,759              | 828,438             | 62            | 858,272          | 61            |
| Oth<br>Sts <sup>2</sup> | 45,875              | 47,395              | 43,307              | 46,705              | 545,247             | 44            | 393,932          | 42            |
| US                      | 292,222             | 305,067             | 291,085             | 321,189             | 3,669,509           | 177           | 3,690,978        | 183           |
| Atlantic                | 9,661               | 11,559              | 12,303              | 13,551              | 153,766             | 28            | 156,294          | 29            |
| E N Cen                 | 69,212              | 74,449              | 67,167              | 76,550              | 875,014             | 74            | 907,721          | 74            |
| W N Cen                 | 61,235              | 62,595              | 60,090              | 69,539              | 811,180             | 24            | 813,313          | 26            |
| S Cen                   | 4,158               | 3,911               | 3,916               | 4,952               | 51,834              | 9             | 50,627           | 8             |
| West                    | 147,956             | 152,553             | 147,609             | 156,597             | 1,777,715           | 42            | 1,763,023        | 46            |

<sup>1</sup> Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 48,766              | 42,121              | 44,984              | 43,401              | 47,706              | 44,095              | 42,231              | 45,504              |
| ID                      | 17,557              | 15,906              | 17,162              | 17,590              | 18,360              | 16,430              | 19,265              | 20,132              |
| IA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| MN                      | 49,605              | 44,710              | 51,556              | 46,785              | 49,075              | 46,354              | 44,340              | 41,325              |
| NY                      | 8,955               | 7,519               | 7,905               | 9,492               | 8,668               | 7,526               | 7,273               | 5,668               |
| OH                      | 2,709               | 1,969               | 2,427               | 2,139               | 2,399               | 2,295               | 2,233               | 2,163               |
| SD                      | 5,250               | 4,867               | 4,332               | 4,638               | 4,061               | 5,074               | 5,397               | 4,342               |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| WI                      | 58,812              | 53,123              | 57,608              | 54,615              | 55,361              | 54,349              | 54,309              | 50,123              |
| Oth<br>Sts <sup>1</sup> | 55,036              | 49,162              | 54,616              | 53,025              | 53,494              | 53,618              | 54,822              | 53,926              |
| US                      | 246,690             | 219,377             | 240,590             | 231,685             | 239,124             | 229,741             | 229,870             | 223,183             |
| Atlantic                | 15,289              | 12,975              | 11,276              | 14,555              | 11,431              | 11,949              | 12,829              | 11,348              |
| E N Cen                 | 61,522              | 55,094              | 60,036              | 56,755              | 57,764              | 56,646              | 56,545              | 52,290              |
| W N Cen                 | 63,191              | 56,544              | 63,380              | 58,913              | 61,033              | 58,713              | 56,684              | 52,566              |
| S Cen                   | 4,189               | 4,056               | 5,523               | 4,371               | 4,216               | 5,004               | 3,669               | 3,863               |
| West                    | 102,499             | 90,708              | 100,375             | 97,091              | 104,680             | 97,429              | 100,143             | 103,116             |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 40,390              | 40,293              | 39,256              | 44,969              | 523,716             | 19                  | 561,567             | 19                  |
| ID                      | 19,957              | 20,744              | 19,995              | 21,618              | 224,716             | 4                   | 215,493             | 8                   |
| IA                      |                     |                     |                     |                     |                     |                     | 78,297              | 5                   |
| MN                      | 40,416              | 40,122              | 39,331              | 46,213              | 539,832             | 9                   | 541,029             | 10                  |
| NY                      | 4,453               | 4,879               | 6,242               | 8,297               | 86,877              | 13                  | 91,648              | 14                  |
| OH                      | 2,053               | 2,298               | 1,878               | 2,039               | 26,602              | 4                   | 26,742              | 4                   |
| SD                      | 3,834               | 2,286               | 4,070               | 4,588               | 52,739              | 5                   | 49,473              | 5                   |
| WA                      |                     |                     |                     |                     |                     |                     | 126,096             | 3                   |
| WI                      | 49,496              | 54,399              | 49,356              | 56,936              | 648,487             | 59                  | 686,621             | 58                  |
| Oth<br>Sts <sup>1</sup> | 54,004              | 55,857              | 52,501              | 56,312              | 646,373             | 46                  | 445,133             | 41                  |
| US                      | 214,603             | 220,878             | 212,629             | 240,972             | 2,749,342           | 159                 | 2,822,099           | 167                 |
| Atlantic                | 9,212               | 10,930              | 11,926              | 12,927              | 146,647             | 24                  | 151,982             | 25                  |
| E N Cen                 | 51,551              | 56,705              | 51,235              | 58,977              | 675,120             | 67                  | 713,407             | 67                  |
| W N Cen                 | 51,289              | 49,431              | 49,825              | 58,562              | 680,131             | 23                  | 685,714             | 25                  |
| S Cen                   | 4,157               | 3,910               | 3,915               | 4,951               | 51,824              | 9                   | 50,568              | 8                   |
| West                    | 98,394              | 99,902              | 95,728              | 105,555             | 1,195,620           | 36                  | 1,220,428           | 42                  |

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

**Other American Varieties of Cheese: Production by Month,  
State, and United States, 2003 and Total 2002-03<sup>1</sup>**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 18,744              | 18,236              | 23,311              | 21,917              | 20,944              | 21,767              | 23,464              | 20,934              |
| ID                      | 21,422              | 19,470              | 21,349              | 20,948              | 22,068              | 20,919              | 20,589              | 20,941              |
| MN                      | 3,486               | 3,978               | 3,770               | 4,400               | 4,624               | 3,893               | 4,598               | 5,037               |
| NY                      | 86                  | 62                  | 97                  | 82                  | 163                 | 136                 | 125                 | 106                 |
| OH                      | 623                 | 462                 | 516                 | 773                 | 1,101               | 865                 | 880                 | 619                 |
| SD                      | 1,577               | 1,263               | 2,427               | 1,905               | 3,193               | 1,969               | 1,854               | 1,800               |
| WI                      | 14,085              | 11,769              | 13,591              | 13,531              | 16,150              | 15,103              | 16,010              | 16,302              |
| Oth<br>Sts <sup>2</sup> | 11,715              | 11,678              | 12,182              | 11,846              | 12,095              | 10,656              | 9,285               | 10,195              |
| US                      | 71,738              | 66,918              | 77,243              | 75,402              | 80,338              | 75,308              | 76,805              | 75,934              |
| Atlantic                | 537                 | 616                 | 801                 | 732                 | 624                 | 538                 | 604                 | 588                 |
| Central                 | 26,603              | 23,378              | 26,970              | 27,001              | 31,240              | 26,641              | 27,858              | 27,996              |
| West                    | 44,598              | 42,924              | 49,472              | 47,669              | 48,474              | 48,129              | 48,343              | 47,350              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 22,839              | 24,902              | 24,790              | 24,066              | 265,914             | 20                  | 223,869             | 18                  |
| ID                      | 21,197              | 22,277              | 22,861              | 22,288              | 256,329             | 3                   | 267,348             | 4                   |
| MN                      | 4,136               | 4,950               | 4,650               | 4,728               | 52,250              | 3                   | 34,727              | 3                   |
| NY                      | 98                  | 136                 | 151                 | 146                 | 1,388               | 5                   | 1,061               | 6                   |
| OH                      | 284                 | 327                 | 504                 | 820                 | 7,774               | 4                   | 7,524               | 4                   |
| SD                      | 2,620               | 4,844               | 2,470               | 2,701               | 28,623              | 3                   | 27,678              | 3                   |
| WA                      |                     |                     |                     |                     |                     |                     | 26,914              | 1                   |
| WI                      | 16,566              | 16,421              | 14,600              | 15,823              | 179,951             | 48                  | 171,651             | 47                  |
| Oth<br>Sts <sup>2</sup> | 9,879               | 10,332              | 8,430               | 9,645               | 127,938             | 25                  | 108,107             | 28                  |
| US                      | 77,619              | 84,189              | 78,456              | 80,217              | 920,167             | 111                 | 868,879             | 114                 |
| Atlantic                | 449                 | 629                 | 377                 | 624                 | 7,119               | 12                  | 4,312               | 14                  |
| Central                 | 27,608              | 30,909              | 26,198              | 28,551              | 330,953             | 70                  | 321,972             | 71                  |
| West                    | 49,562              | 52,651              | 51,881              | 51,042              | 582,095             | 29                  | 542,595             | 29                  |

<sup>1</sup> Includes Colby, Monterey, and Jack.

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| OH                      | 8,714               | 7,790               | 8,180               | 8,120               | 8,816               | 8,688               | 8,642               | 7,915               |
| WI                      | 3,212               | 2,707               | 2,917               | 2,768               | 3,203               | 3,213               | 2,847               | 2,412               |
| Oth<br>Sts <sup>1</sup> | 11,018              | 9,692               | 10,177              | 10,149              | 10,425              | 10,245              | 10,669              | 10,538              |
| US                      | 22,944              | 20,189              | 21,274              | 21,037              | 22,444              | 22,146              | 22,158              | 20,865              |
| Atlantic <sup>2</sup>   | 727                 | 692                 | 792                 | 817                 | 816                 | 790                 | 817                 | 766                 |
| Central                 | 18,924              | 16,503              | 17,432              | 16,967              | 18,289              | 18,171              | 18,254              | 16,927              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| OH                      | 7,662               | 9,215               | 8,708               | 9,647               | 102,097             | 11                  | 94,390              | 11                  |
| PA                      |                     |                     |                     |                     |                     |                     | 9,034               | 3                   |
| WI                      | 2,852               | 3,347               | 3,004               | 3,294               | 35,776              | 13                  | 37,823              | 10                  |
| Oth<br>Sts <sup>1</sup> | 10,571              | 11,593              | 10,780              | 11,077              | 126,934             | 15                  | 112,849             | 12                  |
| US                      | 21,085              | 24,155              | 22,492              | 24,018              | 264,807             | 40                  | 254,096             | 36                  |
| Atlantic <sup>2</sup>   | 756                 | 798                 | 747                 | 839                 | 9,357               | 5                   | 9,082               | 6                   |
| Central                 | 17,140              | 19,965              | 18,395              | 19,863              | 216,830             | 32                  | 210,967             | 27                  |

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

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| WI                      | 321                 | 351                 | 355                 | 403                 | 340                 | 452                 | 386                 | 378                 |
| Oth<br>Sts <sup>1</sup> | 308                 | 344                 | 398                 | 56                  | 285                 | 330                 | 621                 | 515                 |
| US                      | 629                 | 695                 | 753                 | 459                 | 625                 | 782                 | 1,007               | 893                 |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| WI                      | 449                 | 387                 | 350                 | 365                 | 4,537               | 20                  | 4,916               | 19                  |
| Oth<br>Sts <sup>1</sup> | 613                 | 644                 | 673                 | 448                 | 5,235               | 1                   | 5,077               | 3                   |
| US                      | 1,062               | 1,031               | 1,023               | 813                 | 9,772               | 21                  | 9,993               | 22                  |

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

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

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

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

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

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

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 67,145              | 63,697              | 69,090              | 72,330              | 74,741              | 75,761              | 78,090              | 78,462              |
| NY                      | 34,985              | 30,655              | 35,991              | 32,714              | 31,981              | 30,827              | 30,888              | 32,414              |
| PA                      | 22,744              | 19,466              | 21,868              | 22,303              | 22,045              | 21,411              | 20,023              | 17,150              |
| SD                      | 6,236               | 6,002               | 6,524               | 6,329               | 6,833               | 6,082               | 5,822               | 5,371               |
| UT                      | 187                 | 191                 | 493                 | 524                 | 569                 | 548                 | 308                 | 494                 |
| WI                      | 81,343              | 76,694              | 86,423              | 83,803              | 87,078              | 87,982              | 89,018              | 87,577              |
| Oth<br>Sts <sup>1</sup> | 79,460              | 68,787              | 79,394              | 79,681              | 79,318              | 70,429              | 69,674              | 67,319              |
| US                      | 292,100             | 265,492             | 299,783             | 297,684             | 302,565             | 293,040             | 293,823             | 288,787             |
| Atlantic <sup>2</sup>   | 68,446              | 59,190              | 69,051              | 66,276              | 65,266              | 63,467              | 62,352              | 60,563              |
| E N Cen                 | 98,518              | 92,022              | 103,042             | 99,166              | 102,905             | 103,349             | 103,371             | 99,806              |
| West                    | 110,299             | 101,126             | 113,640             | 117,613             | 121,862             | 117,167             | 119,676             | 119,804             |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 75,502              | 77,639              | 73,050              | 81,200              | 886,707             | 30                  | 789,833             | 26                  |
| NY                      | 33,755              | 37,156              | 34,363              | 35,739              | 401,468             | 13                  | 414,180             | 12                  |
| PA                      | 16,733              | 17,831              | 18,309              | 21,856              | 241,739             | 10                  | 251,700             | 10                  |
| SD                      | 5,131               | 5,779               | 5,693               | 4,367               | 70,169              | 3                   | 73,444              | 3                   |
| UT                      | 147                 | 415                 | 415                 | 316                 | 4,607               | 3                   |                     |                     |
| WI                      | 88,997              | 88,737              | 82,839              | 91,368              | 1,031,859           | 53                  | 972,261             | 52                  |
| Oth<br>Sts <sup>1</sup> | 67,647              | 69,880              | 74,515              | 79,396              | 885,500             | 38                  | 968,596             | 43                  |
| US                      | 287,912             | 297,437             | 289,184             | 314,242             | 3,522,049           | 150                 | 3,470,014           | 146                 |
| Atlantic <sup>2</sup>   | 62,025              | 65,755              | 62,987              | 68,618              | 773,996             | 37                  | 794,504             | 36                  |
| E N Cen                 | 100,725             | 101,160             | 94,834              | 106,520             | 1,205,418           | 62                  | 1,149,243           | 61                  |
| West                    | 116,054             | 120,884             | 120,533             | 130,096             | 1,408,754           | 41                  | 1,294,709           | 39                  |

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

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 58,892              | 55,734              | 61,059              | 63,829              | 67,335              | 67,869              | 69,752              | 71,754              |
| NY                      | 17,884              | 16,341              | 17,350              | 16,271              | 17,698              | 16,940              | 16,998              | 16,782              |
| PA                      | 18,202              | 15,694              | 17,206              | 17,678              | 17,971              | 17,175              | 15,570              | 13,762              |
| WI                      | 59,896              | 58,211              | 65,372              | 62,512              | 65,105              | 66,659              | 67,751              | 66,155              |
| Oth<br>Sts <sup>1</sup> | 76,154              | 65,539              | 76,488              | 76,030              | 78,079              | 68,114              | 66,440              | 64,065              |
| US                      | 231,028             | 211,519             | 237,475             | 236,320             | 246,188             | 236,757             | 236,511             | 232,518             |
| Atlantic <sup>2</sup>   | 44,379              | 38,856              | 43,059              | 42,119              | 44,113              | 42,863              | 41,206              | 38,640              |
| E N Cen                 | 74,769              | 71,093              | 79,301              | 75,930              | 79,304              | 79,949              | 79,925              | 76,349              |
| West                    | 100,160             | 91,164              | 103,626             | 106,938             | 112,339             | 107,117             | 109,073             | 111,095             |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 67,118              | 68,837              | 67,503              | 72,298              | 791,980             | 27                  | 697,751             | 23                  |
| NY                      | 15,937              | 17,371              | 16,207              | 16,340              | 202,119             | 12                  | 203,955             | 11                  |
| PA                      | 13,244              | 13,562              | 15,310              | 17,301              | 192,675             | 7                   | 204,258             | 7                   |
| WI                      | 66,786              | 66,633              | 61,810              | 70,106              | 776,996             | 42                  | 748,012             | 40                  |
| Oth<br>Sts <sup>1</sup> | 62,369              | 65,658              | 69,485              | 73,908              | 842,329             | 34                  | 929,296             | 35                  |
| US                      | 225,454             | 232,061             | 230,315             | 249,953             | 2,806,099           | 122                 | 2,783,272           | 116                 |
| Atlantic <sup>2</sup>   | 36,956              | 38,379              | 38,433              | 41,722              | 490,725             | 29                  | 501,834             | 28                  |
| E N Cen                 | 76,104              | 76,330              | 71,939              | 83,157              | 924,150             | 50                  | 897,709             | 48                  |
| West                    | 105,728             | 110,087             | 112,844             | 119,177             | 1,289,348           | 36                  | 1,186,109           | 34                  |

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

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

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

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 8,253               | 7,963               | 8,031               | 8,501               | 7,406               | 7,892               | 8,338               | 6,708               |
| NY                      | 17,101              | 14,314              | 18,641              | 16,443              | 14,283              | 13,887              | 13,890              | 15,632              |
| PA                      | 4,542               | 3,772               | 4,662               | 4,625               | 4,074               | 4,236               | 4,453               | 3,388               |
| WI                      | 21,447              | 18,483              | 21,051              | 21,291              | 21,973              | 21,323              | 21,267              | 21,422              |
| Oth<br>Sts <sup>1</sup> | 9,729               | 9,441               | 9,923               | 10,504              | 8,641               | 8,945               | 9,364               | 9,119               |
| US                      | 61,072              | 53,973              | 62,308              | 61,364              | 56,377              | 56,283              | 57,312              | 56,269              |
| Atlantic                | 24,067              | 20,334              | 25,992              | 24,157              | 21,153              | 20,604              | 21,146              | 21,923              |
| Central                 | 26,866              | 23,677              | 26,302              | 26,532              | 25,701              | 25,629              | 25,563              | 25,637              |
| West                    | 10,139              | 9,962               | 10,014              | 10,675              | 9,523               | 10,050              | 10,603              | 8,709               |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 8,384               | 8,802               | 5,547               | 8,902               | 94,727              | 17                  | 92,082              | 17                  |
| NY                      | 17,818              | 19,785              | 18,156              | 19,399              | 199,349             | 12                  | 210,225             | 11                  |
| PA                      | 3,489               | 4,269               | 2,999               | 4,555               | 49,064              | 9                   | 47,442              | 9                   |
| WI                      | 22,211              | 22,104              | 21,029              | 21,262              | 254,863             | 30                  | 224,249             | 29                  |
| Oth<br>Sts <sup>1</sup> | 10,556              | 10,416              | 11,138              | 10,171              | 117,947             | 24                  | 112,744             | 25                  |
| US                      | 62,458              | 65,376              | 58,869              | 64,289              | 715,950             | 92                  | 686,742             | 91                  |
| Atlantic                | 25,069              | 27,376              | 24,554              | 26,896              | 283,271             | 32                  | 292,670             | 31                  |
| Central                 | 27,063              | 27,203              | 26,626              | 26,474              | 313,273             | 38                  | 285,472             | 38                  |
| West                    | 10,326              | 10,797              | 7,689               | 10,919              | 119,406             | 22                  | 108,600             | 22                  |

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



**Italian Cheese: Production, United States, 2002-2003**

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

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

| Region          | Hard Types          |                     | Soft Types          |                     | Total               |                     |
|-----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                 | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Atlantic        | 132,570             | 127,956             | 661,934             | 646,040             | 794,504             | 773,996             |
| E N Cen         | 170,532             | 194,457             | 978,711             | 1,010,961           | 1,149,243           | 1,205,418           |
| West            | 102,916             | 114,997             | 1,191,793           | 1,293,757           | 1,294,709           | 1,408,754           |
| US <sup>1</sup> | 439,956             | 469,415             | 3,030,058           | 3,052,634           | 3,470,014           | 3,522,049           |

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

**Miscellaneous Italian Cheese: Production by State, and United States, 2002-2003**

| State                   | Provolone           |                     | Romano              |                     | Parmesan            |                     | Ricotta             |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                | 2002                | 2003                |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 27,660              | 31,430              |                     |                     |                     |                     | 4,351               | 3,186               |
| NY                      | 69,987              | 66,611              |                     |                     |                     |                     | 140,238             | 132,738             |
| PA                      |                     |                     |                     |                     |                     |                     | 4,875               |                     |
| WI                      | 88,100              | 110,489             | 16,533              | 14,816              | 47,537              | 46,726              |                     |                     |
| Oth<br>Sts <sup>1</sup> | 75,655              | 74,157              | 16,350              | 21,471              | 79,183              | 80,113              | 86,543              | 98,092              |
| US                      | 261,402             | 282,687             | 32,883              | 36,287              | 126,720             | 126,839             | 236,007             | 234,016             |

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

**Processed Cheeses and Combinations: Production,  
United States, 1994-03 <sup>1</sup>**

| Year | Processed Cheese                             |                  | Processed Cheese<br>Foods & Spreads |                  |
|------|--|------------------|-------------------------------------|------------------|
|      | Plants                                       | Production       | Plants                              | Production       |
|      | <i>Number</i>                                | <i>1,000 Lbs</i> | <i>Number</i>                       | <i>1,000 Lbs</i> |
| 1994 | 36   | 1,397,602        | 32                                  | 859,969          |
| 1995 | 35   | 1,472,213        | 30                                  | 831,584          |
| 1996 | 33   | 1,489,251        | 28                                  | 856,620          |
| 1997 | 33   | 1,378,086        | 28                                  | 795,893          |
| 1998 | 33   | 1,256,902        | 28                                  | 984,246          |
| 1999 | 34   | 1,314,040        | 29                                  | 1,070,836        |
| 2000 | 30   | 1,388,278        | 28                                  | 854,317          |
| 2001 | 30   | 1,219,070        | 29                                  | 960,221          |
| 2002 | 30   | 1,344,698        | 30                                  | 949,648          |
| 2003 | 33   | 1,356,226        | 28                                  | 1,005,651        |
|      | <b>Cold Pack Cheese<br/>and Cheese Foods</b> |                  | <b>Total</b>                        |                  |
|      | Plants                                       | Production       | Plants                              | Production       |
|      | <i>Number</i>                                | <i>1,000 Lbs</i> | <i>Number</i>                       | <i>1,000 Lbs</i> |
| 1994 | 22   | 46,680           | 55                                  | 2,304,251        |
| 1995 | 20   | 35,699           | 57                                  | 2,339,496        |
| 1996 | 20   | 38,044           | 56                                  | 2,383,915        |
| 1997 | 22   | 36,008           | 54                                  | 2,209,987        |
| 1998 | 22   | 36,978           | 55                                  | 2,278,126        |
| 1999 | 22   | 40,090           | 52                                  | 2,424,966        |
| 2000 | 20   | 45,392           | 51                                  | 2,287,987        |
| 2001 | 21   | 27,627           | 53                                  | 2,206,918        |
| 2002 | 19   | 32,402           | 51                                  | 2,326,748        |
| 2003 | 19   | 44,439           | 54                                  | 2,406,316        |

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

**All Other Types of Cheese: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 3,658               | 3,572               | 3,639               | 3,445               | 3,884               | 5,312               | 5,019               | 2,435               |
| IL                      | 1,743               | 1,487               | 1,581               | 1,651               | 1,347               | 848                 | 937                 | 480                 |
| MI                      | 344                 | 454                 | 453                 | 678                 | 467                 | 542                 | 658                 | 563                 |
| NY                      |                     |                     |                     |                     |                     |                     |                     |                     |
| Oth<br>Sts <sup>1</sup> | 13,225              | 11,821              | 13,356              | 14,616              | 13,929              | 14,797              | 15,867              | 15,526              |
| US                      | 18,970              | 17,334              | 19,029              | 20,390              | 19,627              | 21,499              | 22,481              | 19,004              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 3,775               | 2,955               | 2,305               | 3,348               | 43,347              | 38                  | 42,861              | 34                  |
| IL                      | 925                 | 1,052               | 932                 | 1,111               | 14,094              | 6                   | 15,645              | 7                   |
| MI                      | 613                 | 752                 | 544                 | 660                 | 6,728               | 7                   | 7,430               | 7                   |
| NY                      |                     |                     |                     |                     |                     |                     | 7,382               | 10                  |
| Oth<br>Sts <sup>1</sup> | 16,175              | 16,791              | 14,856              | 16,082              | 177,041             | 90                  | 156,465             | 80                  |
| US                      | 21,488              | 21,550              | 18,637              | 21,201              | 241,210             | 141                 | 229,783             | 138                 |

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

**Butter: Production by Month, State, and United States,  
2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 39,525              | 33,640              | 34,791              | 34,344              | 32,884              | 23,009              | 22,696              | 22,842              |
| NY                      | 2,672               | 2,370               | 2,338               | 2,129               | 2,043               | 1,570               | 1,912               | 1,685               |
| PA                      | 4,402               | 6,747               | 6,698               | 7,647               | 7,959               | 5,453               | 3,539               | 3,602               |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| WI                      | 38,537              | 35,097              | 32,298              | 30,172              | 27,317              | 21,188              | 18,533              | 17,883              |
| Oth<br>Sts <sup>1</sup> | 56,776              | 50,232              | 50,275              | 48,552              | 44,692              | 32,949              | 33,370              | 24,904              |
| US                      | 141,912             | 128,086             | 126,400             | 122,844             | 114,895             | 84,169              | 80,050              | 70,916              |
| N Atl <sup>2</sup>      | 11,368              | 13,025              | 13,145              | 14,086              | 14,184              | 9,668               | 7,819               | 6,957               |
| E N Cen                 | 42,580              | 38,809              | 36,102              | 34,020              | 30,224              | 22,927              | 20,453              | 18,849              |
| W N Cen                 | 13,611              | 12,310              | 10,175              | 9,828               | 8,530               | 7,172               | 6,412               | 5,221               |
| West                    | 56,491              | 47,811              | 50,263              | 50,313              | 48,903              | 36,864              | 36,214              | 35,500              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 25,141              | 30,483              | 30,591              | 33,887              | 363,833             | 11                  | 379,462             | 11                  |
| NY                      | 2,263               | 2,074               | 1,655               | 2,062               | 24,773              | 7                   | 28,292              | 8                   |
| PA                      | 2,005               | 4,292               | 3,915               | 5,669               | 61,928              | 3                   | 80,603              | 3                   |
| WA                      |                     |                     |                     |                     |                     |                     | 107,511             | 1                   |
| WI                      | 17,294              | 23,297              | 20,949              | 26,699              | 309,264             | 11                  | 342,503             | 11                  |
| Oth<br>Sts <sup>1</sup> | 26,564              | 36,638              | 31,326              | 46,282              | 482,560             | 36                  | 416,776             | 37                  |
| US                      | 73,267              | 96,784              | 88,436              | 114,599             | 1,242,358           | 69                  | 1,355,147           | 72                  |
| N Atl <sup>2</sup>      | 6,734               | 9,845               | 7,272               | 11,184              | 125,287             | 13                  | 149,355             | 14                  |
| E N Cen                 | 18,887              | 26,896              | 25,006              | 30,932              | 345,685             | 18                  | 388,236             | 19                  |
| W N Cen                 | 4,827               | 6,495               | 7,529               | 9,750               | 101,860             | 9                   | 113,998             | 11                  |
| West                    | 37,797              | 42,933              | 42,492              | 49,502              | 535,083             | 22                  | 556,773             | 21                  |

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

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

**Lowfat Cottage Cheese: Production by Month, State,  
and United States, 2003 and Total 2002-03 <sup>1</sup>**

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

<sup>1</sup> Fat content less than 4.0 percent.

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

**Creamed Cottage Cheese: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup>**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 2,641               | 2,477               | 2,500               | 2,598               | 2,622               | 2,641               | 2,794               | 2,557               |
| IL                      | 3,477               | 2,696               | 3,004               | 3,261               | 3,131               | 3,038               | 3,558               | 3,444               |
| IN                      |                     |                     |                     |                     |                     |                     |                     |                     |
| IA                      | 1,546               | 1,459               | 1,343               | 1,682               | 1,565               | 1,620               | 1,616               | 1,669               |
| KY                      | 1,174               | 1,109               | 1,133               | 1,283               | 1,314               | 1,108               | 1,314               | 1,570               |
| MO                      | 957                 | 698                 | 861                 | 893                 | 890                 | 887                 | 936                 | 821                 |
| NY                      | 4,941               | 5,151               | 5,336               | 5,290               | 5,524               | 6,521               | 5,305               | 5,357               |
| OH                      | 1,614               | 1,199               | 1,680               | 1,723               | 1,585               | 1,747               | 2,020               | 2,171               |
| OR                      | 203                 | 234                 | 249                 | 281                 | 250                 | 245                 | 266                 | 259                 |
| TN                      | 898                 | 807                 | 907                 | 947                 | 854                 | 997                 | 946                 | 918                 |
| TX                      | 1,322               | 1,222               | 1,276               | 1,680               | 1,360               | 1,324               | 1,492               | 1,387               |
| UT                      | 138                 | 192                 | 239                 | 257                 | 199                 | 256                 | 214                 | 223                 |
| WI                      | 761                 | 726                 | 790                 | 832                 | 817                 | 773                 | 919                 | 772                 |
| Oth<br>Sts <sup>2</sup> | 12,399              | 11,276              | 12,252              | 13,120              | 12,611              | 12,537              | 13,387              | 13,027              |
| US                      | 32,071              | 29,246              | 31,570              | 33,847              | 32,722              | 33,694              | 34,767              | 34,175              |
| N Atl                   | 6,369               | 6,526               | 6,622               | 6,855               | 7,099               | 8,277               | 7,206               | 7,057               |
| S Atl                   | 1,096               | 785                 | 925                 | 981                 | 953                 | 859                 | 1,040               | 1,069               |
| E N Cen                 | 8,532               | 7,217               | 8,213               | 8,850               | 8,161               | 8,142               | 9,629               | 9,299               |
| W N Cen                 | 3,888               | 3,449               | 3,868               | 4,178               | 4,100               | 4,206               | 4,161               | 4,398               |
| S Cen                   | 3,721               | 3,418               | 3,648               | 4,287               | 3,834               | 3,732               | 4,159               | 4,304               |
| West                    | 8,465               | 7,851               | 8,294               | 8,696               | 8,575               | 8,478               | 8,572               | 8,048               |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 2,720               | 2,806               | 2,409               | 2,523               | 31,288              | 8                   | 31,086              | 8                   |
| IL                      | 3,447               | 3,194               | 2,057               | 2,861               | 37,168              | 4                   | 32,532              | 4                   |
| IN                      |                     |                     |                     |                     |                     |                     | 14,930              | 3                   |
| IA                      | 1,668               | 1,521               | 1,486               | 1,323               | 18,498              | 3                   | 18,139              | 3                   |
| KY                      | 1,254               | 1,240               | 1,246               | 844                 | 14,589              | 3                   | 15,380              | 3                   |
| MO                      | 773                 | 698                 | 714                 | 623                 | 9,751               | 4                   | 10,700              | 4                   |
| NY                      | 5,048               | 5,330               | 4,506               | 4,767               | 63,076              | 9                   | 62,291              | 9                   |
| OH                      | 1,927               | 2,012               | 1,674               | 1,647               | 20,999              | 8                   | 19,600              | 8                   |
| OR                      | 257                 | 247                 | 228                 | 216                 | 2,935               | 4                   | 2,590               | 4                   |
| TN                      | 599                 | 798                 | 703                 | 803                 | 10,177              | 3                   | 10,478              | 3                   |
| TX                      | 1,478               | 1,353               | 1,225               | 1,212               | 16,331              | 5                   | 15,094              | 5                   |
| UT                      | 200                 | 150                 | 206                 | 220                 | 2,494               | 1                   | 2,360               | 1                   |
| WI                      | 857                 | 814                 | 689                 | 705                 | 9,455               | 2                   | 10,007              | 2                   |
| Oth<br>Sts <sup>2</sup> | 12,815              | 12,113              | 11,580              | 11,298              | 148,415             | 30                  | 128,975             | 31                  |
| US                      | 33,043              | 32,276              | 28,723              | 29,042              | 385,176             | 84                  | 374,162             | 88                  |
| N Atl                   | 6,758               | 7,177               | 6,336               | 6,322               | 82,604              | 13                  | 79,868              | 14                  |
| S Atl                   | 1,228               | 1,008               | 934                 | 783                 | 11,661              | 3                   | 16,831              | 4                   |
| E N Cen                 | 9,335               | 8,834               | 7,096               | 7,920               | 101,228             | 18                  | 95,174              | 19                  |
| W N Cen                 | 4,679               | 3,809               | 3,794               | 3,495               | 48,025              | 12                  | 47,309              | 12                  |
| S Cen                   | 3,667               | 3,773               | 3,496               | 3,154               | 45,193              | 13                  | 45,832              | 14                  |
| West                    | 7,376               | 7,675               | 7,067               | 7,368               | 96,465              | 25                  | 89,148              | 25                  |

<sup>1</sup> Fat content more than 4.0 percent.

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

**Cottage Cheese Curd: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup>**

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

<sup>1</sup> 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.

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

**Unsweetened Condensed Skim Milk, Bulk: Production by Month,  
State, and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 31,307              | 31,942              | 34,721              | 38,799              | 39,397              | 38,175              | 38,823              | 37,564              |
| Oth<br>Sts <sup>1</sup> | 38,827              | 34,094              | 41,472              | 43,045              | 43,316              | 43,278              | 41,766              | 38,190              |
| US                      | 70,134              | 66,036              | 76,193              | 81,844              | 82,713              | 81,453              | 80,589              | 75,754              |
| N Atl <sup>2</sup>      | 12,583              | 10,969              | 13,302              | 14,165              | 14,229              | 15,584              | 14,149              | 12,813              |
| E N Cen                 | 15,948              | 13,707              | 16,739              | 14,586              | 14,624              | 10,971              | 11,973              | 10,086              |
| W N Cen                 | 1,694               | 2,056               | 2,479               | 2,924               | 3,230               | 3,240               | 3,456               | 2,926               |
| West                    | 32,207              | 32,592              | 35,521              | 39,649              | 40,347              | 39,125              | 39,865              | 38,514              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 40,804              | 37,131              | 34,915              | 29,488              | 433,066             | 9                   | 505,092             | 10                  |
| Oth<br>Sts <sup>1</sup> | 32,852              | 30,060              | 24,719              | 26,964              | 438,583             | 29                  | 530,541             | 29                  |
| US                      | 73,656              | 67,191              | 59,634              | 56,452              | 871,649             | 38                  | 1,035,633           | 39                  |
| N Atl <sup>2</sup>      | 10,030              | 9,550               | 7,818               | 10,003              | 145,195             | 9                   | 167,464             | 9                   |
| E N Cen                 | 11,274              | 8,934               | 7,784               | 7,616               | 144,242             | 6                   | 169,462             | 6                   |
| W N Cen                 | 2,128               | 1,765               | 1,851               | 1,699               | 29,448              | 3                   | 25,030              | 4                   |
| West                    | 41,754              | 38,081              | 35,815              | 30,338              | 443,808             | 11                  | 516,958             | 11                  |

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

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



**Yogurt, Plain and Flavored: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 42,581              | 42,579              | 44,535              | 38,116              | 42,207              | 35,144              | 37,458              | 42,250              |
| IL                      |                     |                     |                     |                     |                     |                     |                     |                     |
| IA                      | 1,471               | 1,191               | 1,292               | 1,276               | 1,150               | 1,146               | 1,102               | 1,093               |
| NY                      | 21,103              | 22,739              | 24,700              | 23,672              | 22,242              | 23,312              | 22,603              | 22,396              |
| PA                      | 39                  | 57                  | 46                  | 56                  | 49                  | 50                  | 43                  | 53                  |
| UT                      | 7,087               | 7,962               | 9,193               | 8,192               | 9,707               | 13,047              | 10,331              | 14,566              |
| WI                      | 6,705               | 7,266               | 7,700               | 6,916               | 6,794               | 6,891               | 6,972               | 6,138               |
| Oth<br>Sts <sup>1</sup> | 112,797             | 118,070             | 130,702             | 122,717             | 117,891             | 124,962             | 112,345             | 127,602             |
| US                      | 191,783             | 199,864             | 218,168             | 200,945             | 200,040             | 204,552             | 190,854             | 214,098             |
| N Atl                   | 44,424              | 48,282              | 53,025              | 51,686              | 48,508              | 51,054              | 52,063              | 48,015              |
| S Atl                   | 4,299               | 3,811               | 4,528               | 4,675               | 4,789               | 4,055               | 5,078               | 4,596               |
| E N Cen                 | 61,970              | 66,175              | 70,810              | 64,291              | 60,453              | 66,888              | 54,433              | 68,737              |
| W N Cen                 | 8,527               | 8,898               | 9,338               | 9,139               | 8,972               | 8,845               | 8,438               | 8,942               |
| S Cen                   | 13,743              | 13,141              | 17,730              | 15,231              | 15,517              | 15,727              | 12,952              | 16,956              |
| West                    | 58,820              | 59,557              | 62,737              | 55,923              | 61,801              | 57,983              | 57,890              | 66,852              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 47,239              | 39,677              | 35,519              | 32,621              | 479,926             | 20                  | 454,483             | 20                  |
| IL                      |                     |                     |                     |                     |                     |                     | 14,392              | 4                   |
| IA                      | 1,272               | 1,027               | 819                 | 1,008               | 13,847              | 3                   | 12,875              | 3                   |
| NY                      | 22,854              | 19,809              | 18,436              | 17,877              | 261,743             | 18                  | 247,221             | 16                  |
| PA                      | 120                 | 71                  | 56                  | 47                  | 687                 | 3                   |                     |                     |
| UT                      | 13,235              | 11,102              | 8,860               | 8,927               | 122,209             | 4                   |                     |                     |
| WI                      | 7,119               | 6,467               | 6,011               | 6,481               | 81,460              | 6                   | 71,461              | 5                   |
| Oth<br>Sts <sup>1</sup> | 130,854             | 113,650             | 104,496             | 111,552             | 1,427,638           | 45                  | 1,510,150           | 44                  |
| US                      | 222,693             | 191,803             | 174,197             | 178,513             | 2,387,510           | 99                  | 2,310,582           | 92                  |
| N Atl                   | 54,143              | 45,879              | 41,163              | 39,316              | 577,558             | 28                  | 541,706             | 27                  |
| S Atl                   | 4,260               | 4,040               | 3,973               | 3,899               | 52,003              | 3                   | 35,230              | 2                   |
| E N Cen                 | 67,747              | 58,651              | 56,122              | 63,503              | 759,780             | 18                  | 816,802             | 16                  |
| W N Cen                 | 9,131               | 8,768               | 6,491               | 7,865               | 103,354             | 9                   | 83,403              | 9                   |
| S Cen                   | 17,009              | 14,219              | 13,087              | 13,087              | 178,399             | 8                   | 177,912             | 5                   |
| West                    | 70,403              | 60,246              | 53,361              | 50,843              | 716,416             | 33                  | 655,529             | 33                  |

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

**Nonfat Dry Milk for Human Food: Production by Month,  
State, and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 61,730              | 62,608              | 69,558              | 69,456              | 67,483              | 59,693              | 55,994              | 57,109              |
| ID                      | 13,264              | 12,018              | 13,970              | 13,420              | 13,980              | 13,570              | 12,913              | 13,051              |
| UT                      | 136                 | 90                  | 97                  | 114                 | 136                 | 104                 | 70                  | 26                  |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| Oth<br>Sts <sup>1</sup> | 66,169              | 62,497              | 71,805              | 77,007              | 82,284              | 66,625              | 58,938              | 36,874              |
| US                      | 141,299             | 137,213             | 155,430             | 159,997             | 163,883             | 139,992             | 127,915             | 107,060             |
| Atlantic                | 15,048              | 14,636              | 16,612              | 21,528              | 24,149              | 14,586              | 12,980              | 6,760               |
| E N Cen                 | 4,346               | 4,447               | 4,633               | 4,707               | 4,686               | 4,366               | 3,501               | 2,887               |
| W N Cen                 | 7,432               | 6,429               | 6,595               | 6,868               | 7,028               | 6,838               | 5,528               | 2,341               |
| S Cen                   | 6,384               | 7,212               | 8,119               | 7,982               | 8,629               | 7,127               | 6,045               | 2,700               |
| West                    | 108,089             | 104,489             | 119,471             | 118,912             | 119,391             | 107,075             | 99,861              | 92,372              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 50,939              | 57,228              | 60,448              | 66,057              | 738,303             | 10                  | 758,985             | 11                  |
| ID                      | 13,324              | 12,415              | 11,398              | 12,365              | 155,688             | 2                   | 115,925             | 2                   |
| UT                      | 39                  | 129                 | 96                  | 134                 | 1,171               | 1                   |                     |                     |
| WA                      |                     |                     |                     |                     |                     |                     | 191,958             | 2                   |
| Oth<br>Sts <sup>1</sup> | 32,472              | 37,115              | 38,923              | 63,170              | 693,879             | 34                  | 529,071             | 30                  |
| US                      | 96,774              | 106,887             | 110,865             | 141,726             | 1,589,041           | 47                  | 1,595,939           | 45                  |
| Atlantic                | 2,583               | 6,057               | 6,605               | 16,076              | 157,620             | 9                   | 171,276             | 9                   |
| E N Cen                 | 2,563               | 3,818               | 2,515               | 5,845               | 48,314              | 6                   | 52,853              | 5                   |
| W N Cen                 | 2,519               | 3,609               | 5,950               | 6,176               | 67,313              | 6                   | 75,320              | 6                   |
| S Cen                   | 4,038               | 2,305               | 2,361               | 5,713               | 68,615              | 7                   | 73,599              | 6                   |
| West                    | 85,071              | 91,098              | 93,434              | 107,916             | 1,247,179           | 19                  | 1,222,891           | 19                  |

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

**Dry Skim Milk for Animal Feed: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 214                 | 168                 | 175                 | 224                 | 196                 | 216                 | 205                 | 273                 |
| ID                      | 26                  |                     |                     | 38                  | 21                  | 17                  | 20                  | 20                  |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| Oth<br>Sts <sup>1</sup> | 225                 | 277                 | 200                 | 224                 | 253                 | 237                 | 610                 | 162                 |
| US                      | 465                 | 445                 | 375                 | 486                 | 470                 | 470                 | 835                 | 455                 |
| Atlantic                | 36                  | 37                  | 36                  | 51                  | 83                  | 51                  | 429                 | 59                  |
| Central                 | 99                  | 167                 | 114                 | 99                  | 126                 | 123                 | 114                 | 44                  |
| West                    | 330                 | 241                 | 225                 | 336                 | 261                 | 296                 | 292                 | 352                 |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 245                 | 226                 | 174                 | 128                 | 2,444               | 10                  | 3,005               | 10                  |
| ID                      | 22                  | 14                  | 29                  | 12                  | 219                 | 1                   | 442                 | 1                   |
| WA                      |                     |                     |                     |                     |                     |                     | 768                 | 2                   |
| Oth<br>Sts <sup>1</sup> | 183                 | 239                 | 130                 | 218                 | 2,958               | 18                  | 3,350               | 16                  |
| US                      | 450                 | 479                 | 333                 | 358                 | 5,621               | 29                  | 7,565               | 29                  |
| Atlantic                | 38                  | 48                  | 20                  | 42                  | 930                 | 4                   | 479                 | 3                   |
| Central                 | 89                  | 50                  | 38                  | 104                 | 1,167               | 11                  | 2,668               | 12                  |
| West                    | 323                 | 381                 | 275                 | 212                 | 3,524               | 14                  | 4,418               | 14                  |

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

**Dry Buttermilk: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 3,334               | 3,020               | 2,804               | 3,141               | 2,955               | 2,114               | 1,873               | 1,978               |
| MN                      | 1,041               | 725                 | 597                 | 483                 | 136                 | 170                 | 82                  | 72                  |
| Oth<br>Sts <sup>1</sup> | 2,837               | 2,387               | 2,343               | 2,029               | 1,600               | 585                 | 404                 | 390                 |
| US                      | 7,212               | 6,132               | 5,744               | 5,653               | 4,691               | 2,869               | 2,359               | 2,440               |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 1,911               | 2,548               | 2,329               | 3,165               | 31,172              | 6                   | 32,793              | 6                   |
| MN                      | 53                  | 354                 | 308                 | 976                 | 4,997               | 5                   | 1,706               | 3                   |
| Oth<br>Sts <sup>1</sup> | 445                 | 717                 | 755                 | 1,559               | 16,051              | 12                  | 20,387              | 13                  |
| US                      | 2,409               | 3,619               | 3,392               | 5,700               | 52,220              | 23                  | 54,886              | 22                  |

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

**Dry Whey, Human Food: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CA                      | 12,688              | 11,019              | 11,708              | 10,754              | 10,201              | 10,459              | 9,595               | 9,813               |
| MN                      | 7,588               | 7,151               | 7,874               | 7,686               | 9,995               | 9,383               | 8,845               | 8,584               |
| NY                      | 10,157              | 8,937               | 9,423               | 9,647               | 11,043              | 10,197              | 11,322              | 10,467              |
| OH                      |                     |                     |                     |                     |                     |                     |                     |                     |
| PA                      | 8,301               | 7,650               | 8,774               | 9,086               | 9,287               | 8,317               | 7,082               | 6,343               |
| UT                      | 1,957               | 2,195               | 2,489               | 1,764               | 1,854               | 2,106               | 2,254               | 2,182               |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| WI                      | 25,289              | 24,526              | 30,874              | 26,759              | 27,154              | 25,533              | 26,623              | 24,989              |
| Oth<br>Sts <sup>1</sup> | 20,707              | 19,221              | 20,076              | 19,993              | 21,285              | 19,560              | 20,662              | 19,665              |
| US                      | 86,687              | 80,699              | 91,218              | 85,689              | 90,819              | 85,555              | 86,383              | 82,043              |
| Atlantic                | 18,458              | 16,587              | 18,197              | 18,733              | 20,330              | 18,514              | 18,404              | 16,810              |
| Central                 | 43,033              | 40,671              | 47,397              | 43,334              | 46,981              | 43,751              | 44,517              | 42,178              |
| West                    | 25,196              | 23,441              | 25,624              | 23,622              | 23,508              | 23,290              | 23,462              | 23,055              |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| CA                      | 10,398              | 10,709              | 11,323              | 11,092              | 129,759             | 9                   | 150,881             | 6                   |
| MN                      | 8,184               | 7,505               | 6,998               | 6,364               | 96,157              | 6                   | 81,076              | 5                   |
| NY                      | 10,112              | 10,031              | 8,829               | 9,264               | 119,429             | 5                   | 119,967             | 5                   |
| OH                      |                     |                     |                     |                     |                     |                     | 42,934              | 3                   |
| PA                      | 6,672               | 6,696               | 7,016               | 8,578               | 93,802              | 3                   | 96,529              | 3                   |
| UT                      | 1,669               | 2,063               | 2,053               | 2,205               | 24,791              | 2                   |                     |                     |
| WA                      |                     |                     |                     |                     |                     |                     | 93,977              | 2                   |
| WI                      | 24,366              | 25,041              | 22,611              | 24,380              | 308,145             | 10                  | 303,604             | 10                  |
| Oth<br>Sts <sup>1</sup> | 16,451              | 18,840              | 17,356              | 19,393              | 233,209             | 10                  | 152,009             | 6                   |
| US                      | 77,852              | 80,885              | 76,186              | 81,276              | 1,005,292           | 45                  | 1,040,977           | 40                  |
| Atlantic                | 16,784              | 16,727              | 15,845              | 17,842              | 213,231             | 8                   | 216,496             | 8                   |
| Central                 | 38,822              | 40,503              | 37,153              | 39,679              | 508,019             | 23                  | 526,672             | 21                  |
| West                    | 22,246              | 23,655              | 23,188              | 23,755              | 284,042             | 14                  | 297,809             | 11                  |

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

**Dry Whey, Animal Feed: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | Jan                 | Feb                 | Mar                 | Apr                 | May                 | Jun                 | Jul                 | Aug                 |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| NY                      | 979                 | 1,076               | 1,094               | 566                 | 168                 | 58                  | 73                  | 212                 |
| WA                      |                     |                     |                     |                     |                     |                     |                     |                     |
| WI                      | 1,560               | 871                 | 1,236               | 1,098               | 1,603               | 2,075               | 1,715               | 1,627               |
| Oth<br>Sts <sup>1</sup> | 6,042               | 3,820               | 4,963               | 5,448               | 4,666               | 4,722               | 5,538               | 3,761               |
| US                      | 8,581               | 5,767               | 7,293               | 7,112               | 6,437               | 6,855               | 7,326               | 5,600               |
| Atlantic                | 4,993               | 3,482               | 4,358               | 4,036               | 2,813               | 2,593               | 3,823               | 2,757               |
| Central                 | 2,491               | 1,428               | 1,898               | 1,844               | 2,196               | 2,869               | 2,418               | 1,994               |
| West                    | 1,097               | 857                 | 1,037               | 1,232               | 1,428               | 1,393               | 1,085               | 849                 |
|                         | 2003                |                     |                     |                     |                     |                     | 2002                |                     |
|                         | Sep                 | Oct                 | Nov                 | Dec                 | Total               | Plants              | Total               | Plants              |
|                         | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Number</i>       | <i>1,000 Lbs</i>    | <i>Number</i>       |
| NY                      | 190                 | 146                 | 534                 | 600                 | 5,696               | 4                   | 5,248               | 5                   |
| WA                      |                     |                     |                     |                     |                     |                     | 1,395               | 2                   |
| WI                      | 1,174               | 677                 | 1,829               | 3,060               | 18,525              | 8                   | 17,982              | 8                   |
| Oth<br>Sts <sup>1</sup> | 5,596               | 4,468               | 3,794               | 4,012               | 56,830              | 21                  | 49,719              | 17                  |
| US                      | 6,960               | 5,291               | 6,157               | 7,672               | 81,051              | 33                  | 74,344              | 32                  |
| Atlantic                | 3,403               | 3,071               | 2,647               | 3,598               | 41,574              | 8                   | 30,439              | 9                   |
| Central                 | 2,002               | 1,026               | 2,293               | 3,375               | 25,834              | 15                  | 31,468              | 16                  |
| West                    | 1,555               | 1,194               | 1,217               | 699                 | 13,643              | 10                  | 12,437              | 7                   |

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

**Ice Cream, Regular, Total: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup>**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 8,689                | 9,910                | 11,589               | 12,182               | 12,207               | 14,452               | 12,566               |
| FL                      | 2,635                | 2,639                | 2,605                | 2,695                | 2,264                | 2,794                | 2,577                |
| IL                      | 3,430                | 3,486                | 4,258                | 4,119                | 4,123                | 3,978                | 4,129                |
| IN                      | 8,200                | 9,441                | 8,822                | 7,850                | 6,563                | 8,126                | 8,130                |
| MD                      | 1,392                | 1,556                | 1,944                | 1,675                | 1,837                | 1,854                | 1,831                |
| MI                      | 1,662                | 1,676                | 1,381                | 1,424                | 1,538                | 1,561                | 1,496                |
| MN                      | 2,807                | 3,292                | 4,404                | 3,661                | 3,137                | 4,361                | 3,780                |
| MO                      | 1,925                | 1,710                | 1,912                | 5,049                | 1,850                | 1,904                | 1,983                |
| NY                      | 2,293                | 2,409                | 2,888                | 3,320                | 3,224                | 3,088                | 3,610                |
| NC                      | 2,360                | 2,149                | 2,414                | 2,626                | 3,188                | 2,964                | 3,039                |
| OH                      | 2,706                | 2,628                | 2,725                | 3,033                | 3,765                | 3,138                | 3,057                |
| OR                      | 818                  | 723                  | 941                  | 1,247                | 1,274                | 1,478                | 1,570                |
| PA                      | 4,371                | 3,109                | 4,409                | 4,888                | 5,038                | 5,116                | 6,114                |
| SD                      |                      |                      |                      |                      |                      |                      |                      |
| TN                      | 1,347                | 1,518                | 1,572                | 1,533                | 1,776                | 1,587                | 1,792                |
| TX                      | 4,849                | 4,959                | 4,759                | 5,473                | 5,650                | 5,155                | 5,840                |
| UT                      | 1,451                | 1,202                | 1,242                | 1,264                | 1,563                | 1,478                | 1,215                |
| WA                      |                      |                      |                      |                      |                      |                      |                      |
| Oth<br>Sts <sup>2</sup> | 28,320               | 28,018               | 28,722               | 34,262               | 34,452               | 34,230               | 34,781               |
| US                      | 79,255               | 80,425               | 86,587               | 96,301               | 93,449               | 97,264               | 97,510               |
| N Atl                   | 16,273               | 15,571               | 17,551               | 20,234               | 20,001               | 19,194               | 22,329               |
| S Atl                   | 8,134                | 7,923                | 8,666                | 8,920                | 9,235                | 9,149                | 8,938                |
| E N Cen                 | 17,066               | 18,276               | 18,398               | 17,668               | 17,256               | 18,029               | 18,092               |
| W N Cen                 | 11,697               | 12,091               | 13,084               | 17,968               | 14,404               | 16,654               | 13,938               |
| S Cen                   | 9,814                | 9,834                | 10,146               | 10,940               | 11,661               | 11,230               | 12,389               |
| West                    | 16,271               | 16,730               | 18,742               | 20,571               | 20,892               | 23,008               | 21,824               |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      |                      | 2002                 |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 12,136               | 11,721               | 10,136               | 9,143                | 7,487                | 132,218              | 130,419              |
| FL                      | 2,725                | 2,231                | 2,288                | 2,326                | 2,389                | 30,168               | 24,632               |
| IL                      | 3,887                | 3,248                | 3,014                | 3,076                | 2,846                | 43,594               |                      |
| IN                      | 6,943                | 7,752                | 7,166                | 6,785                | 6,206                | 91,984               | 85,430               |
| MD                      | 1,773                | 1,782                | 1,614                | 1,108                | 1,046                | 19,412               | 21,720               |
| MI                      | 1,713                | 1,685                | 546                  | 1,370                | 1,360                | 17,412               | 28,885               |
| MN                      | 3,415                | 4,210                | 3,037                | 3,006                | 2,608                | 41,718               | 46,136               |
| MO                      | 1,875                | 2,123                | 1,947                | 1,258                | 1,477                | 25,013               | 22,116               |
| NY                      | 3,091                | 2,965                | 2,764                | 1,958                | 2,044                | 33,654               | 34,944               |
| NC                      | 2,838                | 2,873                | 2,217                | 1,682                | 1,826                | 30,176               | 30,507               |
| OH                      | 2,741                | 2,495                | 2,720                | 1,681                | 1,468                | 32,157               | 36,559               |
| OR                      | 1,514                | 1,275                | 1,143                | 835                  | 1,196                | 14,014               | 12,197               |
| PA                      | 4,923                | 4,403                | 4,548                | 3,559                | 3,938                | 54,416               | 49,698               |
| SD                      |                      |                      |                      |                      |                      |                      | 48                   |
| TN                      | 1,821                | 1,634                | 1,324                | 1,086                | 894                  | 17,884               | 17,475               |
| TX                      | 5,116                | 5,107                | 4,630                | 4,582                | 4,582                | 60,702               | 61,878               |
| UT                      | 1,936                | 1,758                | 1,723                | 1,564                | 1,886                | 18,282               | 15,478               |
| WA                      |                      |                      |                      |                      |                      |                      | 14,930               |
| Oth<br>Sts <sup>2</sup> | 30,225               | 26,745               | 28,629               | 22,794               | 21,067               | 352,245              | 371,940              |
| US                      | 88,672               | 84,007               | 79,446               | 67,813               | 64,320               | 1,015,049            | 1,004,992            |
| N Atl                   | 18,505               | 16,574               | 17,567               | 13,126               | 13,180               | 210,105              | 202,983              |
| S Atl                   | 8,817                | 8,517                | 7,460                | 6,169                | 6,541                | 98,469               | 98,598               |
| E N Cen                 | 16,370               | 16,233               | 14,560               | 13,685               | 12,625               | 198,258              | 201,164              |
| W N Cen                 | 13,394               | 13,121               | 12,819               | 11,360               | 10,106               | 160,636              | 165,026              |
| S Cen                   | 11,462               | 10,553               | 9,588                | 8,662                | 8,408                | 124,687              | 124,727              |
| West                    | 20,124               | 19,009               | 17,452               | 14,811               | 13,460               | 222,894              | 212,494              |

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

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

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

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

See footnote(s) at end of table.

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

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

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

**Ice Cream, Lowfat, Total: Production by Month, State,  
and United States, 2003 and Total 2002-03<sup>1</sup>**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |  |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |  |
| CA <sup>2</sup>         | 1,697                | 1,563                | 1,507                | 1,971                | 2,079                | 2,323                | 2,283                |  |
| FL                      | 865                  | 914                  | 1,036                | 1,167                | 1,204                | 1,221                | 1,246                |  |
| IL                      | 1,087                | 1,118                | 1,717                | 1,806                | 2,011                | 2,176                | 2,388                |  |
| IN                      | 3,106                | 2,338                | 3,107                | 2,513                | 2,538                | 3,235                | 2,556                |  |
| MD <sup>3</sup>         | 944                  | 975                  | 1,171                | 1,183                | 1,255                | 1,312                | 1,287                |  |
| MO                      | 1,367                | 1,577                | 1,430                | 2,286                | 1,906                | 1,831                | 2,153                |  |
| MT                      | 71                   | 75                   | 114                  | 152                  | 153                  | 199                  | 213                  |  |
| NY                      | 344                  | 370                  | 398                  | 359                  | 493                  | 553                  | 591                  |  |
| PA                      | 1,028                | 903                  | 1,198                | 1,423                | 1,421                | 1,728                | 1,578                |  |
| TN                      | 356                  | 353                  | 502                  | 677                  | 644                  | 747                  | 929                  |  |
| TX                      | 1,845                | 1,868                | 2,260                | 2,386                | 2,616                | 2,595                | 2,703                |  |
| UT                      | 340                  | 365                  | 423                  | 375                  | 410                  | 492                  | 432                  |  |
| Oth<br>Sts <sup>4</sup> | 10,494               | 11,853               | 14,755               | 15,951               | 17,804               | 18,490               | 20,424               |  |
| US                      | 23,544               | 24,272               | 29,618               | 32,249               | 34,534               | 36,902               | 38,783               |  |
| N Atl                   | 2,917                | 2,819                | 4,168                | 3,731                | 4,290                | 4,707                | 4,446                |  |
| S Atl                   | 3,120                | 3,663                | 4,156                | 4,388                | 4,674                | 4,889                | 4,939                |  |
| E N Cen                 | 6,204                | 5,553                | 8,013                | 8,150                | 8,946                | 10,026               | 9,437                |  |
| W N Cen                 | 3,491                | 4,107                | 4,322                | 5,488                | 5,485                | 5,477                | 5,581                |  |
| S Cen                   | 3,771                | 4,038                | 4,853                | 5,536                | 5,976                | 6,080                | 6,371                |  |
| West                    | 4,041                | 4,092                | 4,106                | 4,956                | 5,163                | 5,723                | 8,009                |  |
|                         | 2003                 |                      |                      |                      |                      |                      | 2002                 |  |
|                         | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |  |
| CA <sup>2</sup>         | 2,041                | 2,160                | 1,771                | 1,530                | 1,451                | 22,376               | 22,336               |  |
| FL                      | 1,063                | 1,028                | 1,127                | 980                  | 954                  | 12,805               | 11,953               |  |
| IL                      | 1,997                | 1,566                | 1,565                | 1,290                | 1,228                | 19,949               |                      |  |
| IN                      | 2,335                | 3,147                | 2,758                | 2,255                | 2,453                | 32,341               | 34,321               |  |
| MD <sup>3</sup>         | 1,229                | 1,121                | 1,092                | 705                  | 631                  | 12,905               |                      |  |
| MO                      | 1,994                | 1,247                | 1,914                | 921                  | 1,444                | 20,070               | 16,474               |  |
| MT                      | 163                  | 114                  | 112                  | 81                   | 61                   | 1,508                | 1,430                |  |
| NY                      | 578                  | 396                  | 462                  | 338                  | 369                  | 5,251                | 5,877                |  |
| OH                      |                      |                      |                      |                      |                      |                      | 19,709               |  |
| PA                      | 1,701                | 1,140                | 700                  | 538                  | 503                  | 13,861               | 16,239               |  |
| TN                      | 820                  | 567                  | 506                  | 384                  | 313                  | 6,798                | 5,875                |  |
| TX                      | 2,444                | 2,352                | 2,186                | 1,858                | 1,974                | 27,087               |                      |  |
| UT                      | 500                  | 395                  | 390                  | 383                  | 367                  | 4,872                | 4,575                |  |
| WA                      |                      |                      |                      |                      |                      |                      | 6,763                |  |
| Oth<br>Sts <sup>4</sup> | 16,639               | 13,131               | 12,830               | 10,022               | 10,718               | 173,111              | 192,986              |  |
| US                      | 33,504               | 28,364               | 27,413               | 21,285               | 22,466               | 352,934              | 338,538              |  |
| N Atl                   | 4,284                | 3,259                | 2,820                | 2,225                | 2,696                | 42,362               | 39,491               |  |
| S Atl                   | 4,393                | 4,158                | 3,859                | 2,948                | 3,004                | 48,191               | 44,014               |  |
| E N Cen                 | 8,384                | 7,618                | 7,329                | 5,803                | 5,991                | 91,454               | 96,263               |  |
| W N Cen                 | 5,714                | 3,839                | 4,509                | 3,315                | 3,759                | 55,087               | 46,622               |  |
| S Cen                   | 5,800                | 4,977                | 4,601                | 3,686                | 3,795                | 59,484               | 59,395               |  |
| West                    | 4,929                | 4,513                | 4,295                | 3,308                | 3,221                | 56,356               | 52,753               |  |

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

<sup>2</sup> Includes freezer-made "milk drink".

<sup>3</sup> Includes District of Columbia.

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

**Ice Cream, Lowfat, Hard: Production by Month, State, and United States, 2003 and Total 2002-03**

| State                | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                      | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                      | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                   | 512                  | 428                  | 439                  | 469                  | 510                  | 603                  | 479                  | 438                  |
| FL                   | 105                  | 98                   | 109                  | 184                  | 165                  | 148                  | 130                  | 91                   |
| IL                   | 114                  | 126                  | 174                  | 153                  | 174                  | 156                  | 185                  | 124                  |
| IN                   | 2,679                | 1,934                | 2,550                | 2,013                | 2,026                | 2,627                | 2,021                | 1,863                |
| MD                   | 403                  | 387                  | 482                  | 486                  | 487                  | 528                  | 488                  | 445                  |
| MO                   | 862                  | 1,008                | 854                  | 1,425                | 1,148                | 1,057                | 1,254                | 1,204                |
| MT                   | 11                   | 12                   | 10                   | 12                   | 9                    | 17                   | 17                   | 16                   |
| NY                   | 94                   | 116                  | 110                  | 90                   | 141                  | 163                  | 172                  | 161                  |
| NC                   | 61                   | 37                   | 53                   | 62                   | 77                   | 73                   | 79                   | 57                   |
| PA                   | 194                  | 139                  | 93                   | 189                  | 187                  | 259                  | 180                  | 291                  |
| TN                   | 73                   | 64                   | 94                   | 122                  | 105                  | 115                  | 194                  | 188                  |
| TX                   | 662                  | 666                  | 725                  | 741                  | 786                  | 728                  | 761                  | 688                  |
| UT                   | 155                  | 180                  | 190                  | 164                  | 175                  | 207                  | 162                  | 230                  |
| WA                   |                      |                      |                      |                      |                      |                      |                      |                      |
| Oth Sts <sup>1</sup> | 2,285                | 2,520                | 2,892                | 3,018                | 3,442                | 3,114                | 5,135                | 2,881                |
| US                   | 8,210                | 7,715                | 8,775                | 9,128                | 9,432                | 9,795                | 11,257               | 8,677                |
| N Atl                | 781                  | 658                  | 953                  | 843                  | 1,122                | 1,137                | 1,059                | 1,065                |
| S Atl                | 707                  | 716                  | 796                  | 893                  | 928                  | 902                  | 874                  | 774                  |
| E N Cen              | 3,267                | 2,453                | 3,327                | 2,842                | 2,966                | 3,352                | 2,722                | 2,430                |
| W N Cen              | 1,405                | 1,766                | 1,624                | 2,247                | 2,183                | 2,020                | 2,049                | 2,173                |
| S Cen                | 902                  | 895                  | 976                  | 1,053                | 1,085                | 1,032                | 1,143                | 1,068                |
| West                 | 1,148                | 1,227                | 1,099                | 1,250                | 1,148                | 1,352                | 3,410                | 1,167                |
|                      | 2003                 |                      |                      |                      |                      |                      | 2002                 |                      |
|                      | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants               | Total                | Plants               |
|                      | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i>        | <i>1,000 Gal</i>     | <i>Number</i>        |
| CA                   | 591                  | 402                  | 412                  | 399                  | 5,682                | 14                   | 6,922                | 13                   |
| FL                   | 145                  | 155                  | 153                  | 150                  | 1,633                | 11                   | 1,916                | 14                   |
| IL                   | 97                   | 96                   | 96                   | 89                   | 1,584                | 7                    | 1,605                | 7                    |
| IN                   | 2,618                | 2,326                | 1,914                | 2,083                | 26,654               | 9                    | 27,497               | 11                   |
| MD                   | 455                  | 434                  | 251                  | 224                  | 5,070                | 3                    |                      |                      |
| MO                   | 686                  | 1,219                | 534                  | 923                  | 12,174               | 7                    | 7,033                | 7                    |
| MT                   | 10                   | 9                    | 10                   | 5                    | 138                  | 3                    | 122                  | 3                    |
| NY                   | 93                   | 125                  | 88                   | 111                  | 1,464                | 7                    | 1,969                | 8                    |
| NC                   | 93                   | 64                   | 11                   | 115                  | 782                  | 5                    | 1,174                | 5                    |
| PA                   | 165                  | 171                  | 138                  | 103                  | 2,109                | 17                   | 2,579                | 16                   |
| TN                   | 131                  | 109                  | 90                   | 68                   | 1,353                | 4                    | 1,091                | 4                    |
| TX                   | 762                  | 688                  | 675                  | 717                  | 8,599                | 5                    | 8,699                | 5                    |
| UT                   | 184                  | 171                  | 198                  | 180                  | 2,196                | 8                    |                      |                      |
| WA                   |                      |                      |                      |                      |                      |                      | 2,234                | 5                    |
| Oth Sts <sup>1</sup> | 2,253                | 2,382                | 1,977                | 1,936                | 33,835               | 77                   | 39,823               | 85                   |
| US                   | 8,283                | 8,351                | 6,547                | 7,103                | 103,273              | 177                  | 102,664              | 183                  |
| N Atl                | 727                  | 887                  | 635                  | 758                  | 10,625               | 36                   | 11,677               | 35                   |
| S Atl                | 870                  | 790                  | 506                  | 611                  | 9,367                | 26                   | 8,133                | 30                   |
| E N Cen              | 3,119                | 2,837                | 2,277                | 2,395                | 33,987               | 41                   | 35,144               | 45                   |
| W N Cen              | 1,329                | 1,984                | 1,307                | 1,565                | 21,652               | 15                   | 16,028               | 15                   |
| S Cen                | 1,076                | 967                  | 887                  | 938                  | 12,022               | 19                   | 13,314               | 19                   |
| West                 | 1,162                | 886                  | 935                  | 836                  | 15,620               | 40                   | 18,368               | 39                   |

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

**Ice Cream, Lowfat, Soft: Production by Month, State, and  
United States, 2003 and Total 2002-03**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |  |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |  |
| CA                      | 1,185                | 1,135                | 1,068                | 1,502                | 1,569                | 1,720                | 1,804                |  |
| FL                      | 760                  | 816                  | 927                  | 983                  | 1,039                | 1,073                | 1,116                |  |
| IL                      | 973                  | 992                  | 1,543                | 1,653                | 1,837                | 2,020                | 2,203                |  |
| IN                      | 427                  | 404                  | 557                  | 500                  | 512                  | 608                  | 535                  |  |
| MO                      | 505                  | 569                  | 576                  | 861                  | 758                  | 774                  | 899                  |  |
| MT                      | 60                   | 63                   | 104                  | 140                  | 144                  | 182                  | 196                  |  |
| NY                      | 250                  | 254                  | 288                  | 269                  | 352                  | 390                  | 419                  |  |
| PA                      | 834                  | 764                  | 1,105                | 1,234                | 1,234                | 1,469                | 1,398                |  |
| TN                      | 283                  | 289                  | 408                  | 555                  | 539                  | 632                  | 735                  |  |
| TX                      | 1,183                | 1,202                | 1,535                | 1,645                | 1,830                | 1,867                | 1,942                |  |
| UT                      | 185                  | 185                  | 233                  | 211                  | 235                  | 285                  | 270                  |  |
| WA                      |                      |                      |                      |                      |                      |                      |                      |  |
| Oth<br>Sts <sup>1</sup> | 8,689                | 9,884                | 12,499               | 13,568               | 15,053               | 16,087               | 16,009               |  |
| US                      | 15,334               | 16,557               | 20,843               | 23,121               | 25,102               | 27,107               | 27,526               |  |
| N Atl                   | 2,136                | 2,161                | 3,215                | 2,888                | 3,168                | 3,570                | 3,387                |  |
| S Atl                   | 2,413                | 2,947                | 3,360                | 3,495                | 3,746                | 3,987                | 4,065                |  |
| E N Cen                 | 2,937                | 3,100                | 4,686                | 5,308                | 5,980                | 6,674                | 6,715                |  |
| W N Cen                 | 2,086                | 2,341                | 2,698                | 3,241                | 3,302                | 3,457                | 3,532                |  |
| S Cen                   | 2,869                | 3,143                | 3,877                | 4,483                | 4,891                | 5,048                | 5,228                |  |
| West                    | 2,893                | 2,865                | 3,007                | 3,706                | 4,015                | 4,371                | 4,599                |  |
|                         | 2003                 |                      |                      |                      |                      |                      | 2002                 |  |
|                         | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |  |
| CA                      | 1,603                | 1,569                | 1,369                | 1,118                | 1,052                | 16,694               | 15,414               |  |
| FL                      | 972                  | 883                  | 972                  | 827                  | 804                  | 11,172               | 10,037               |  |
| IL                      | 1,873                | 1,469                | 1,469                | 1,194                | 1,139                | 18,365               |                      |  |
| IN                      | 472                  | 529                  | 432                  | 341                  | 370                  | 5,687                | 6,824                |  |
| MO                      | 790                  | 561                  | 695                  | 387                  | 521                  | 7,896                |                      |  |
| MT                      | 147                  | 104                  | 103                  | 71                   | 56                   | 1,370                | 1,308                |  |
| NY                      | 417                  | 303                  | 337                  | 250                  | 258                  | 3,787                | 3,908                |  |
| PA                      | 1,410                | 975                  | 529                  | 400                  | 400                  | 11,752               | 13,660               |  |
| TN                      | 632                  | 436                  | 397                  | 294                  | 245                  | 5,445                | 4,784                |  |
| TX                      | 1,756                | 1,590                | 1,498                | 1,183                | 1,257                | 18,488               |                      |  |
| UT                      | 270                  | 211                  | 219                  | 185                  | 187                  | 2,676                |                      |  |
| WA                      |                      |                      |                      |                      |                      |                      | 4,529                |  |
| Oth<br>Sts <sup>1</sup> | 14,485               | 11,451               | 11,042               | 8,488                | 9,074                | 146,329              | 175,410              |  |
| US                      | 24,827               | 20,081               | 19,062               | 14,738               | 15,363               | 249,661              | 235,874              |  |
| N Atl                   | 3,219                | 2,532                | 1,933                | 1,590                | 1,938                | 31,737               | 27,814               |  |
| S Atl                   | 3,619                | 3,288                | 3,069                | 2,442                | 2,393                | 38,824               | 35,881               |  |
| E N Cen                 | 5,954                | 4,499                | 4,492                | 3,526                | 3,596                | 57,467               | 61,119               |  |
| W N Cen                 | 3,541                | 2,510                | 2,525                | 2,008                | 2,194                | 33,435               | 30,594               |  |
| S Cen                   | 4,732                | 3,901                | 3,634                | 2,799                | 2,857                | 47,462               | 46,081               |  |
| West                    | 3,762                | 3,351                | 3,409                | 2,373                | 2,385                | 40,736               | 34,385               |  |

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

**Other Frozen Dairy Products: Production by Month, State,  
and United States, 2003 and Total 2002-03**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| OH                      | 82                   | 64                   | 86                   | 57                   | 112                  | 86                   | 61                   | 71                   |
| TN                      | 53                   | 24                   | 66                   | 81                   | 60                   | 65                   | 72                   | 47                   |
| Oth<br>Sts <sup>1</sup> | 445                  | 533                  | 456                  | 497                  | 638                  | 749                  | 704                  | 589                  |
| US                      | 580                  | 621                  | 608                  | 635                  | 810                  | 900                  | 837                  | 707                  |
| N Atl                   | 116                  | 105                  | 109                  | 194                  | 194                  | 213                  | 228                  | 196                  |
| S Atl                   | 4                    | 7                    | 11                   | 7                    | 12                   | 25                   | 22                   | 16                   |
| Central                 | 432                  | 473                  | 463                  | 426                  | 520                  | 617                  | 538                  | 457                  |
| West                    | 28                   | 36                   | 25                   | 8                    | 84                   | 45                   | 49                   | 38                   |
|                         | 2003                 |                      |                      |                      |                      |                      | 2002                 |                      |
|                         | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants               | Total                | Plants               |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i>        | <i>1,000 Gal</i>     | <i>Number</i>        |
| OH                      | 6                    | 24                   | 13                   | 40                   | 702                  | 5                    | 1,055                | 4                    |
| TN                      | 72                   | 81                   | 58                   | 42                   | 721                  | 2                    | 613                  | 2                    |
| Oth<br>Sts <sup>1</sup> | 549                  | 455                  | 368                  | 519                  | 6,502                | 31                   | 6,992                | 27                   |
| US                      | 627                  | 560                  | 439                  | 601                  | 7,925                | 38                   | 8,660                | 33                   |
| N Atl                   | 189                  | 160                  | 123                  | 167                  | 1,994                | 14                   | 1,473                | 10                   |
| S Atl                   | 10                   | 9                    | 5                    | 10                   | 138                  | 3                    | 91                   | 3                    |
| Central                 | 410                  | 371                  | 302                  | 407                  | 5,416                | 18                   | 6,457                | 17                   |
| West                    | 18                   | 20                   | 9                    | 17                   | 377                  | 3                    | 639                  | 3                    |

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

**Sherbet, Total: Production by Month, State, and United States,  
2003 and Total 2002-03 <sup>1</sup>**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 368                  | 537                  | 778                  | 728                  | 717                  | 879                  | 701                  |
| FL                      | 73                   | 83                   | 89                   | 100                  | 78                   | 95                   | 112                  |
| IN                      | 364                  | 620                  | 468                  | 412                  | 351                  | 452                  | 535                  |
| MO                      | 127                  | 101                  | 180                  | 206                  | 202                  | 179                  | 144                  |
| NY                      | 202                  | 181                  | 243                  | 211                  | 221                  | 256                  | 258                  |
| NC                      | 129                  | 130                  | 128                  | 161                  | 131                  | 39                   | 186                  |
| OH                      | 251                  | 155                  | 178                  | 247                  | 217                  | 268                  | 204                  |
| PA                      | 134                  | 81                   | 113                  | 144                  | 142                  | 129                  | 144                  |
| TN                      | 68                   | 50                   | 121                  | 92                   | 97                   | 91                   | 88                   |
| TX                      | 101                  | 124                  | 143                  | 129                  | 126                  | 156                  | 119                  |
| UT                      | 61                   | 82                   | 95                   | 88                   | 101                  | 77                   | 113                  |
| WA                      |                      |                      |                      |                      |                      |                      |                      |
| Oth<br>Sts <sup>2</sup> | 2,488                | 2,449                | 2,429                | 2,857                | 3,006                | 3,362                | 2,778                |
| US                      | 4,366                | 4,593                | 4,965                | 5,375                | 5,389                | 5,983                | 5,382                |
| N Atl                   | 602                  | 445                  | 487                  | 624                  | 675                  | 641                  | 595                  |
| S Atl                   | 359                  | 401                  | 448                  | 447                  | 379                  | 324                  | 473                  |
| E N Cen                 | 947                  | 1,055                | 955                  | 1,032                | 899                  | 1,094                | 984                  |
| W N Cen                 | 1,172                | 1,224                | 1,266                | 1,489                | 1,482                | 1,817                | 1,387                |
| S Cen                   | 396                  | 400                  | 486                  | 463                  | 542                  | 490                  | 504                  |
| West                    | 890                  | 1,068                | 1,323                | 1,320                | 1,412                | 1,617                | 1,439                |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      |                      | 2002                 |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 594                  | 483                  | 555                  | 291                  | 208                  | 6,839                | 7,929                |
| FL                      | 74                   | 79                   | 66                   | 77                   | 75                   | 1,001                | 990                  |
| IN                      | 286                  | 381                  | 383                  | 292                  | 257                  | 4,801                | 2,810                |
| MO                      | 100                  | 139                  | 126                  | 93                   | 74                   | 1,671                | 1,394                |
| NY                      | 190                  | 198                  | 178                  | 122                  | 138                  | 2,398                | 2,794                |
| NC                      | 154                  | 171                  | 142                  | 90                   | 97                   | 1,558                | 1,629                |
| OH                      | 210                  | 181                  | 163                  | 78                   | 104                  | 2,256                | 3,779                |
| PA                      | 132                  | 116                  | 101                  | 85                   | 67                   | 1,388                | 2,067                |
| TN                      | 86                   | 92                   | 103                  | 50                   | 45                   | 983                  | 1,020                |
| TX                      | 120                  | 109                  | 56                   | 127                  | 122                  | 1,432                | 1,752                |
| UT                      | 97                   | 82                   | 96                   | 113                  | 106                  | 1,111                | 1,329                |
| WA                      |                      |                      |                      |                      |                      |                      | 710                  |
| Oth<br>Sts <sup>2</sup> | 2,804                | 2,496                | 1,960                | 1,970                | 2,151                | 30,750               | 28,795               |
| US                      | 4,847                | 4,527                | 3,929                | 3,388                | 3,444                | 56,188               | 56,998               |
| N Atl                   | 562                  | 583                  | 426                  | 421                  | 394                  | 6,455                | 7,160                |
| S Atl                   | 451                  | 381                  | 288                  | 308                  | 313                  | 4,572                | 5,028                |
| E N Cen                 | 754                  | 896                  | 694                  | 603                  | 694                  | 10,607               | 9,864                |
| W N Cen                 | 1,204                | 1,157                | 946                  | 979                  | 1,060                | 15,183               | 15,156               |
| S Cen                   | 470                  | 408                  | 400                  | 354                  | 356                  | 5,269                | 5,209                |
| West                    | 1,406                | 1,102                | 1,175                | 723                  | 627                  | 14,102               | 14,581               |

<sup>1</sup> Includes hard, soft-serve, and freezer-made milkshake.

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

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

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 364                  | 530                  | 769                  | 719                  | 708                  | 869                  | 693                  |
| IN                      | 364                  | 620                  | 468                  | 412                  | 351                  | 452                  | 535                  |
| MA                      | 80                   | 112                  | 33                   | 75                   | 99                   | 85                   | 74                   |
| MO                      |                      |                      |                      |                      |                      |                      |                      |
| NY                      | 190                  | 171                  | 229                  | 199                  | 209                  | 242                  | 244                  |
| NC                      | 126                  | 127                  | 125                  | 157                  | 127                  | 35                   | 182                  |
| OH                      | 234                  | 144                  | 166                  | 231                  | 202                  | 250                  | 191                  |
| PA                      | 134                  | 81                   | 113                  | 144                  | 142                  | 129                  | 144                  |
| TN                      | 68                   | 50                   | 121                  | 92                   | 97                   | 91                   | 88                   |
| TX                      | 99                   | 124                  | 143                  | 129                  | 126                  | 156                  | 119                  |
| UT                      | 56                   | 75                   | 88                   | 81                   | 93                   | 71                   | 104                  |
| WA                      |                      |                      |                      |                      |                      |                      |                      |
| Oth<br>Sts <sup>1</sup> | 2,271                | 2,277                | 2,428                | 2,772                | 2,904                | 3,202                | 2,679                |
| US                      | 3,986                | 4,311                | 4,683                | 5,011                | 5,058                | 5,582                | 5,053                |
| N Atl                   | 478                  | 428                  | 469                  | 552                  | 654                  | 619                  | 574                  |
| S Atl                   | 343                  | 382                  | 427                  | 424                  | 359                  | 298                  | 446                  |
| E N Cen                 | 929                  | 1,044                | 943                  | 1,016                | 884                  | 1,076                | 971                  |
| W N Cen                 | 1,037                | 1,067                | 1,108                | 1,306                | 1,299                | 1,588                | 1,207                |
| S Cen                   | 391                  | 400                  | 485                  | 461                  | 540                  | 488                  | 502                  |
| West                    | 808                  | 990                  | 1,251                | 1,252                | 1,322                | 1,513                | 1,353                |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      |                      | 2002                 |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 586                  | 477                  | 548                  | 287                  | 206                  | 6,756                | 7,831                |
| IN                      | 286                  | 381                  | 383                  | 292                  | 257                  | 4,801                | 2,810                |
| MA                      | 122                  | 122                  | 76                   | 83                   | 80                   | 1,041                | 1,210                |
| MO                      |                      |                      |                      |                      |                      |                      | 1,359                |
| NY                      | 179                  | 187                  | 168                  | 115                  | 130                  | 2,263                | 2,734                |
| NC                      | 150                  | 167                  | 139                  | 87                   | 94                   | 1,516                | 1,599                |
| OH                      | 196                  | 168                  | 153                  | 73                   | 97                   | 2,105                | 3,616                |
| PA                      | 132                  | 116                  | 101                  | 85                   | 67                   | 1,388                | 2,067                |
| TN                      | 86                   | 92                   | 103                  | 50                   | 45                   | 983                  | 1,018                |
| TX                      | 120                  | 109                  | 56                   | 127                  | 122                  | 1,430                | 1,752                |
| UT                      | 88                   | 73                   | 89                   | 103                  | 98                   | 1,019                | 1,316                |
| WA                      |                      |                      |                      |                      |                      |                      | 585                  |
| Oth<br>Sts <sup>1</sup> | 2,607                | 2,363                | 1,881                | 1,867                | 2,013                | 29,264               | 25,621               |
| US                      | 4,552                | 4,255                | 3,697                | 3,169                | 3,209                | 52,566               | 53,518               |
| N Atl                   | 543                  | 564                  | 411                  | 408                  | 381                  | 6,081                | 7,018                |
| S Atl                   | 431                  | 359                  | 273                  | 290                  | 295                  | 4,327                | 4,869                |
| E N Cen                 | 740                  | 883                  | 684                  | 598                  | 687                  | 10,455               | 9,563                |
| W N Cen                 | 1,055                | 1,014                | 825                  | 860                  | 924                  | 13,290               | 13,140               |
| S Cen                   | 468                  | 406                  | 398                  | 352                  | 354                  | 5,245                | 5,176                |
| West                    | 1,315                | 1,029                | 1,106                | 661                  | 568                  | 13,168               | 13,752               |

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

**Water and Juice Ices: Production by Month, State, and United States,  
2003 and Total 2002-03 <sup>1</sup>**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 215                  | 234                  | 265                  | 220                  | 283                  | 211                  | 221                  | 164                  |
| FL                      | 112                  | 130                  | 165                  | 232                  | 298                  | 301                  | 327                  | 260                  |
| NY                      | 274                  | 255                  | 266                  | 367                  | 383                  | 435                  | 421                  | 369                  |
| OH                      | 526                  | 522                  | 597                  | 509                  | 244                  | 401                  | 344                  | 213                  |
| PA                      |                      |                      |                      |                      |                      |                      |                      |                      |
| TN                      | 78                   | 79                   | 93                   | 110                  | 127                  | 100                  | 70                   | 110                  |
| TX                      | 313                  | 330                  | 347                  | 363                  | 392                  | 381                  | 352                  | 325                  |
| UT                      | 44                   | 56                   | 61                   | 44                   | 41                   | 35                   | 26                   | 16                   |
| Oth<br>Sts <sup>2</sup> | 3,354                | 10,061               | 4,079                | 4,629                | 4,730                | 4,904                | 4,668                | 3,646                |
| US                      | 4,916                | 11,667               | 5,873                | 6,474                | 6,498                | 6,768                | 6,429                | 5,103                |
| N Atl                   | 615                  | 696                  | 748                  | 733                  | 920                  | 1,060                | 785                  | 811                  |
| S Atl                   | 309                  | 489                  | 704                  | 803                  | 742                  | 825                  | 794                  | 613                  |
| E N Cen                 | 753                  | 658                  | 860                  | 758                  | 564                  | 607                  | 540                  | 401                  |
| W N Cen                 | 1,534                | 1,596                | 1,587                | 1,963                | 2,029                | 2,141                | 2,051                | 1,418                |
| S Cen                   | 426                  | 452                  | 505                  | 552                  | 597                  | 588                  | 545                  | 513                  |
| West                    | 1,279                | 7,776                | 1,469                | 1,665                | 1,646                | 1,547                | 1,714                | 1,347                |
|                         | 2003                 |                      |                      |                      |                      |                      | 2002                 |                      |
|                         | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants               | Total                | Plants               |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i>        | <i>1,000 Gal</i>     | <i>Number</i>        |
| CA                      | 190                  | 202                  | 170                  | 127                  | 2,502                | 9                    | 3,557                | 9                    |
| FL                      | 222                  | 184                  | 136                  | 155                  | 2,522                | 19                   |                      |                      |
| NY                      | 238                  | 206                  | 125                  | 131                  | 3,470                | 24                   | 4,236                | 25                   |
| OH                      | 200                  | 146                  | 68                   | 100                  | 3,870                | 4                    | 5,968                | 5                    |
| PA                      |                      |                      |                      |                      |                      |                      | 5,476                | 7                    |
| TN                      | 106                  | 92                   | 79                   | 54                   | 1,098                | 3                    | 694                  | 3                    |
| TX                      | 334                  | 291                  | 293                  | 311                  | 4,032                | 5                    | 4,059                | 5                    |
| UT                      | 54                   | 2                    | 55                   | 3                    | 437                  | 3                    |                      |                      |
| Oth<br>Sts <sup>2</sup> | 2,920                | 2,711                | 2,016                | 1,892                | 49,610               | 62                   | 43,572               | 72                   |
| US                      | 4,264                | 3,834                | 2,942                | 2,773                | 67,541               | 132                  | 67,562               | 130                  |
| N Atl                   | 564                  | 378                  | 550                  | 353                  | 8,213                | 44                   | 11,110               | 45                   |
| S Atl                   | 645                  | 546                  | 399                  | 384                  | 7,253                | 27                   | 9,139                | 27                   |
| E N Cen                 | 363                  | 310                  | 165                  | 210                  | 6,189                | 17                   | 8,612                | 16                   |
| W N Cen                 | 1,074                | 1,029                | 599                  | 836                  | 17,857               | 5                    | 17,814               | 4                    |
| S Cen                   | 484                  | 420                  | 405                  | 379                  | 5,866                | 16                   | 5,765                | 15                   |
| West                    | 1,134                | 1,151                | 824                  | 611                  | 22,163               | 23                   | 15,122               | 23                   |

<sup>1</sup> Does not include counter-freezer production.

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

**Frozen Yogurt, Mix: Production by Month, State, and United States, 2003 and Total 2002-03**

| State                | 2003                 |                      |                      |                      |                      |                      |                      |      |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------|
|                      | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  |      |
|                      | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |      |
| CA                   | 257                  | 243                  | 275                  | 301                  | 315                  | 343                  | 304                  |      |
| IL                   |                      |                      |                      |                      |                      |                      |                      |      |
| MI                   |                      |                      |                      |                      |                      |                      |                      |      |
| NY                   | 29                   | 40                   | 40                   | 45                   | 66                   | 43                   | 42                   |      |
| NC                   | 47                   | 59                   | 59                   | 80                   | 42                   | 33                   | 58                   |      |
| OH                   |                      |                      |                      |                      |                      |                      |                      |      |
| PA                   | 102                  | 106                  | 93                   | 146                  | 209                  | 160                  | 166                  |      |
| TN                   | 31                   | 37                   | 54                   | 49                   | 29                   | 45                   | 35                   |      |
| UT                   | 23                   | 30                   | 31                   | 32                   | 25                   | 38                   | 42                   |      |
| Oth Sts <sup>1</sup> | 2,504                | 2,809                | 2,904                | 3,108                | 3,449                | 3,138                | 3,135                |      |
| US                   | 2,993                | 3,324                | 3,456                | 3,761                | 4,135                | 3,800                | 3,782                |      |
| N Atl                | 622                  | 759                  | 923                  | 795                  | 1,246                | 1,072                | 929                  |      |
| S Atl                | 187                  | 190                  | 202                  | 227                  | 190                  | 164                  | 211                  |      |
| E N Cen              | 364                  | 421                  | 414                  | 494                  | 481                  | 408                  | 516                  |      |
| W N Cen              | 560                  | 632                  | 524                  | 763                  | 631                  | 581                  | 579                  |      |
| S Cen                | 758                  | 841                  | 855                  | 875                  | 886                  | 839                  | 883                  |      |
| West                 | 502                  | 481                  | 538                  | 607                  | 701                  | 736                  | 664                  |      |
|                      | 2003                 |                      |                      |                      |                      |                      |                      | 2002 |
|                      | Aug                  | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Total                |      |
|                      | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |      |
| CA                   | 271                  | 269                  | 245                  | 220                  | 173                  | 3,216                | 3,525                |      |
| IL                   |                      |                      |                      |                      |                      |                      | 805                  |      |
| MI                   |                      |                      |                      |                      |                      |                      | 582                  |      |
| NY                   | 61                   | 31                   | 40                   | 23                   | 16                   | 476                  | 498                  |      |
| NC                   | 66                   | 81                   | 81                   | 43                   | 45                   | 694                  | 750                  |      |
| OH                   |                      |                      |                      |                      |                      |                      | 2,091                |      |
| PA                   | 141                  | 169                  | 156                  | 102                  | 175                  | 1,725                | 1,784                |      |
| TN                   | 43                   | 41                   | 23                   | 27                   | 10                   | 424                  | 434                  |      |
| UT                   | 27                   | 32                   | 17                   | 35                   | 20                   | 352                  | 540                  |      |
| Oth Sts <sup>1</sup> | 3,043                | 2,864                | 2,483                | 2,283                | 2,209                | 33,929               | 32,476               |      |
| US                   | 3,652                | 3,487                | 3,045                | 2,733                | 2,648                | 40,816               | 43,485               |      |
| N Atl                | 947                  | 845                  | 694                  | 639                  | 744                  | 10,215               | 10,499               |      |
| S Atl                | 222                  | 288                  | 234                  | 179                  | 181                  | 2,475                | 3,142                |      |
| E N Cen              | 437                  | 465                  | 345                  | 313                  | 286                  | 4,944                | 5,762                |      |
| W N Cen              | 555                  | 520                  | 465                  | 407                  | 367                  | 6,584                | 7,340                |      |
| S Cen                | 898                  | 814                  | 772                  | 776                  | 733                  | 9,930                | 9,949                |      |
| West                 | 593                  | 555                  | 535                  | 419                  | 337                  | 6,668                | 6,793                |      |

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

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

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 5,004                | 5,047                | 5,501                | 5,788                | 5,845                | 6,940                | 6,628                | 5,666                |
| FL                      | 1,332                | 1,334                | 1,316                | 1,360                | 1,155                | 1,315                | 1,349                | 1,368                |
| IL                      | 1,826                | 1,759                | 2,263                | 2,160                | 2,286                | 2,296                | 2,346                | 2,107                |
| IN                      | 3,789                | 4,258                | 4,133                | 3,604                | 3,134                | 3,738                | 3,743                | 3,182                |
| MD                      | 714                  | 868                  | 1,142                | 935                  | 1,016                | 1,027                | 996                  | 988                  |
| MA                      | 2,973                | 3,144                | 2,858                | 3,738                | 3,286                | 3,360                | 4,012                | 3,368                |
| MI                      | 797                  | 820                  | 726                  | 781                  | 848                  | 890                  | 864                  | 962                  |
| MN                      | 1,704                | 1,848                | 2,272                | 2,225                | 1,935                | 2,464                | 2,354                | 2,111                |
| MO                      | 918                  | 776                  | 876                  | 1,120                | 920                  | 976                  | 1,006                | 938                  |
| NY                      | 1,296                | 1,302                | 1,720                | 1,914                | 2,020                | 2,012                | 2,421                | 1,937                |
| NC                      | 1,478                | 1,224                | 1,430                | 1,550                | 1,596                | 1,536                | 1,550                | 1,426                |
| OH                      | 1,279                | 1,309                | 1,332                | 1,570                | 1,845                | 1,482                | 1,566                | 1,395                |
| OR                      | 449                  | 385                  | 504                  | 658                  | 675                  | 794                  | 826                  | 795                  |
| PA                      | 1,951                | 1,431                | 2,049                | 2,249                | 2,369                | 2,432                | 2,910                | 2,352                |
| TN                      | 667                  | 808                  | 779                  | 769                  | 925                  | 798                  | 972                  | 874                  |
| TX                      | 2,367                | 2,389                | 2,374                | 2,743                | 2,975                | 2,698                | 2,947                | 2,573                |
| UT                      | 664                  | 557                  | 583                  | 618                  | 762                  | 716                  | 606                  | 981                  |
| WA                      |                      |                      |                      |                      |                      |                      |                      |                      |
| WI                      | 638                  | 656                  | 772                  | 801                  | 848                  | 852                  | 929                  | 783                  |
| Oth<br>Sts <sup>1</sup> | 11,006               | 10,868               | 11,844               | 13,221               | 14,246               | 14,311               | 13,689               | 12,006               |
| US                      | 40,852               | 40,783               | 44,474               | 47,804               | 48,686               | 50,637               | 51,714               | 45,812               |
| N Atl                   | 8,135                | 7,935                | 9,234                | 10,433               | 10,522               | 10,383               | 11,895               | 9,769                |
| S Atl                   | 4,366                | 4,197                | 4,714                | 4,751                | 4,722                | 4,652                | 4,630                | 4,497                |
| E N Cen                 | 8,329                | 8,802                | 9,226                | 8,916                | 8,961                | 9,258                | 9,448                | 8,429                |
| W N Cen                 | 6,416                | 6,487                | 7,043                | 8,508                | 8,130                | 9,222                | 7,983                | 7,416                |
| S Cen                   | 4,889                | 5,024                | 5,142                | 5,575                | 6,071                | 5,737                | 6,283                | 5,779                |
| West                    | 8,717                | 8,338                | 9,115                | 9,621                | 10,280               | 11,385               | 11,475               | 9,922                |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      |               | 2002             |               |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|------------------|---------------|
|                         | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants        | Total            | Plants        |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i> | <i>1,000 Gal</i> | <i>Number</i> |
| CA                      | 5,752                | 5,292                | 4,721                | 3,834                | 66,018               | 28            | 64,671           | 28            |
| FL                      | 1,138                | 1,201                | 1,203                | 1,232                | 15,303               | 11            | 12,365           | 10            |
| IL                      | 2,783                | 1,517                | 1,545                | 1,363                | 24,251               | 11            | 22,274           | 11            |
| IN                      | 3,550                | 3,300                | 3,111                | 2,841                | 42,383               | 9             | 40,060           | 10            |
| MD                      | 1,020                | 848                  | 607                  | 612                  | 10,773               | 4             |                  |               |
| MA                      | 2,824                | 3,489                | 2,227                | 2,165                | 37,444               | 13            | 34,866           | 13            |
| MI                      | 917                  | 277                  | 723                  | 707                  | 9,312                | 14            | 15,555           | 14            |
| MN                      | 2,204                | 1,783                | 1,654                | 1,341                | 23,895               | 5             | 25,170           | 5             |
| MO                      | 1,056                | 918                  | 592                  | 744                  | 10,840               | 6             | 8,701            | 6             |
| NY                      | 1,742                | 1,488                | 1,082                | 1,147                | 20,081               | 16            | 20,206           | 16            |
| NC                      | 1,634                | 1,447                | 1,049                | 1,139                | 17,059               | 7             | 17,265           | 7             |
| OH                      | 1,247                | 1,321                | 871                  | 967                  | 16,184               | 11            | 17,183           | 14            |
| OR                      | 660                  | 599                  | 441                  | 612                  | 7,398                | 8             | 6,408            | 9             |
| PA                      | 2,025                | 2,013                | 1,611                | 2,431                | 25,823               | 26            | 24,887           | 26            |
| TN                      | 849                  | 698                  | 538                  | 437                  | 9,114                | 5             | 8,633            | 5             |
| TX                      | 2,527                | 2,306                | 2,149                | 2,134                | 30,182               | 15            | 30,278           | 16            |
| UT                      | 850                  | 864                  | 773                  | 932                  | 8,906                | 11            | 7,561            | 10            |
| WA                      |                      |                      |                      |                      |                      |               | 7,740            | 6             |
| WI                      | 689                  | 741                  | 527                  | 507                  | 8,743                | 12            | 8,404            | 12            |
| Oth<br>Sts <sup>1</sup> | 10,594               | 10,742               | 9,101                | 8,534                | 140,162              | 82            | 140,964          | 86            |
| US                      | 44,061               | 40,844               | 34,525               | 33,679               | 523,871              | 294           | 513,191          | 304           |
| N Atl                   | 8,514                | 8,645                | 6,554                | 7,377                | 109,396              | 75            | 106,385          | 75            |
| S Atl                   | 4,576                | 4,139                | 3,378                | 3,595                | 52,217               | 29            | 49,566           | 32            |
| E N Cen                 | 9,186                | 7,156                | 6,777                | 6,385                | 100,873              | 57            | 103,476          | 61            |
| W N Cen                 | 7,067                | 6,943                | 6,053                | 5,452                | 86,720               | 22            | 86,807           | 23            |
| S Cen                   | 5,307                | 4,950                | 4,293                | 4,119                | 63,169               | 35            | 61,120           | 37            |
| West                    | 9,411                | 9,011                | 7,470                | 6,751                | 111,496              | 76            | 105,837          | 76            |

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

**Ice Cream Mix, Lowfat: Production by Month, State, and United States,  
2003 and Total 2002-03 <sup>1</sup>**

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 920                  | 876                  | 831                  | 1,160                | 1,209                | 1,331                | 1,386                | 1,235                |
| IL                      | 867                  | 881                  | 1,375                | 1,467                | 1,627                | 1,799                | 1,938                | 1,668                |
| IN                      | 1,304                | 1,242                | 1,697                | 1,523                | 1,573                | 1,861                | 1,634                | 1,441                |
| KY                      |                      |                      |                      |                      |                      |                      |                      |                      |
| MD                      | 316                  | 347                  | 404                  | 412                  | 453                  | 459                  | 469                  | 460                  |
| MA                      | 185                  | 103                  | 279                  | 224                  | 226                  | 304                  | 342                  | 286                  |
| MO                      | 714                  | 805                  | 824                  | 1,208                | 1,080                | 1,099                | 1,273                | 1,125                |
| MT                      | 42                   | 44                   | 73                   | 98                   | 101                  | 128                  | 139                  | 103                  |
| NY                      | 177                  | 178                  | 202                  | 190                  | 247                  | 274                  | 300                  | 293                  |
| OH                      | 351                  | 300                  | 564                  | 652                  | 756                  | 672                  | 641                  | 616                  |
| OK                      | 32                   | 46                   | 27                   | 43                   | 50                   | 45                   | 45                   | 48                   |
| OR                      | 162                  | 171                  | 171                  | 222                  | 265                  | 301                  | 325                  | 241                  |
| PA                      | 416                  | 377                  | 550                  | 611                  | 612                  | 739                  | 697                  | 699                  |
| TN                      | 88                   | 89                   | 127                  | 173                  | 167                  | 197                  | 231                  | 197                  |
| TX                      | 1,620                | 1,642                | 2,106                | 2,259                | 2,522                | 2,558                | 2,697                | 2,422                |
| UT                      | 157                  | 158                  | 198                  | 180                  | 201                  | 240                  | 229                  | 231                  |
| WA                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Oth<br>Sts <sup>2</sup> | 6,342                | 6,613                | 8,247                | 8,906                | 9,482                | 10,338               | 10,284               | 9,474                |
| US                      | 13,693               | 13,872               | 17,675               | 19,328               | 20,571               | 22,345               | 22,630               | 20,539               |
| N Atl                   | 1,440                | 1,457                | 2,211                | 1,932                | 2,203                | 2,440                | 2,296                | 2,171                |
| S Atl                   | 1,792                | 1,421                | 1,645                | 1,726                | 1,849                | 1,995                | 2,058                | 1,790                |
| E N Cen                 | 3,232                | 3,299                | 4,834                | 5,145                | 5,666                | 6,385                | 6,283                | 5,575                |
| W N Cen                 | 2,394                | 2,683                | 3,062                | 3,757                | 3,669                | 3,862                | 3,939                | 3,972                |
| S Cen                   | 2,743                | 2,856                | 3,672                | 4,014                | 4,331                | 4,459                | 4,760                | 4,202                |
| West                    | 2,092                | 2,156                | 2,251                | 2,754                | 2,853                | 3,204                | 3,294                | 2,829                |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      | 2002          |                  |               |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|------------------|---------------|
|                         | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants        | Total            | Plants        |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i> | <i>1,000 Gal</i> | <i>Number</i> |
| CA                      | 1,216                | 1,059                | 871                  | 812                  | 12,906               | 18            | 12,509           | 18            |
| IL                      | 1,302                | 1,308                | 1,062                | 1,015                | 16,309               | 9             | 15,483           | 10            |
| IN                      | 1,614                | 1,322                | 1,043                | 1,134                | 17,388               | 9             | 18,304           | 10            |
| KY                      |                      |                      |                      |                      |                      |               | 2,606            | 4             |
| MD                      | 391                  | 389                  | 268                  | 240                  | 4,608                | 3             | 3,860            | 4             |
| MA                      | 204                  | 202                  | 119                  | 212                  | 2,686                | 8             | 2,435            | 7             |
| MO                      | 802                  | 993                  | 553                  | 745                  | 11,221               | 7             | 9,236            | 7             |
| MT                      | 73                   | 72                   | 50                   | 39                   | 962                  | 5             | 922              | 5             |
| NY                      | 214                  | 237                  | 175                  | 181                  | 2,668                | 10            | 3,044            | 10            |
| OH                      | 330                  | 373                  | 252                  | 268                  | 5,775                | 12            | 9,790            | 13            |
| OK                      | 30                   | 37                   | 26                   | 35                   | 464                  | 4             | 541              | 4             |
| OR                      | 199                  | 186                  | 122                  | 135                  | 2,500                | 8             | 2,623            | 9             |
| PA                      | 483                  | 264                  | 196                  | 199                  | 5,843                | 20            | 6,871            | 19            |
| TN                      | 135                  | 123                  | 91                   | 77                   | 1,695                | 5             | 1,780            | 7             |
| TX                      | 2,191                | 2,071                | 1,635                | 1,724                | 25,447               | 9             | 24,973           | 9             |
| UT                      | 179                  | 187                  | 157                  | 160                  | 2,277                | 9             | 2,292            | 8             |
| WA                      |                      |                      |                      |                      |                      |               | 2,747            | 6             |
| Oth<br>Sts <sup>2</sup> | 7,486                | 7,219                | 6,032                | 6,412                | 96,835               | 103           | 83,576           | 91            |
| US                      | 16,849               | 16,042               | 12,652               | 13,388               | 209,584              | 239           | 203,592          | 241           |
| N Atl                   | 1,727                | 1,375                | 1,129                | 1,418                | 21,799               | 49            | 24,036           | 46            |
| S Atl                   | 1,557                | 1,505                | 1,141                | 1,172                | 19,651               | 24            | 17,513           | 25            |
| E N Cen                 | 4,628                | 4,390                | 3,451                | 3,562                | 56,450               | 48            | 53,331           | 51            |
| W N Cen                 | 2,810                | 2,875                | 2,333                | 2,549                | 37,905               | 21            | 34,138           | 20            |
| S Cen                   | 3,632                | 3,494                | 2,796                | 2,877                | 43,836               | 35            | 45,232           | 37            |
| West                    | 2,495                | 2,403                | 1,802                | 1,810                | 29,943               | 62            | 29,342           | 62            |

<sup>1</sup> Includes milkshake mix.

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

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

| State                   | 2003                 |                      |                      |                      |                      |                      |                      |                      |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                         | Jan                  | Feb                  | Mar                  | Apr                  | May                  | Jun                  | Jul                  | Aug                  |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> |
| CA                      | 234                  | 351                  | 494                  | 457                  | 458                  | 535                  | 444                  | 404                  |
| IL                      |                      |                      |                      |                      |                      |                      |                      |                      |
| IN                      | 221                  | 374                  | 276                  | 229                  | 200                  | 267                  | 319                  | 175                  |
| MA                      | 71                   | 65                   | 22                   | 53                   | 62                   | 56                   | 60                   | 63                   |
| MO                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NY                      | 131                  | 111                  | 156                  | 138                  | 130                  | 158                  | 171                  | 120                  |
| NC                      | 71                   | 76                   | 73                   | 85                   | 74                   | 30                   | 107                  | 93                   |
| OH                      | 168                  | 100                  | 107                  | 147                  | 134                  | 162                  | 118                  | 126                  |
| PA                      | 87                   | 53                   | 73                   | 94                   | 96                   | 85                   | 94                   | 89                   |
| TN                      | 47                   | 45                   | 77                   | 64                   | 65                   | 61                   | 58                   | 57                   |
| TX                      | 65                   | 81                   | 91                   | 83                   | 83                   | 89                   | 78                   | 78                   |
| UT                      | 37                   | 50                   | 55                   | 52                   | 58                   | 44                   | 65                   | 69                   |
| WA                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Oth<br>Sts <sup>1</sup> | 1,654                | 1,785                | 1,870                | 2,164                | 2,258                | 2,544                | 2,146                | 1,906                |
| US                      | 2,786                | 3,091                | 3,294                | 3,566                | 3,618                | 4,031                | 3,660                | 3,180                |
| N Atl                   | 343                  | 275                  | 317                  | 377                  | 430                  | 408                  | 403                  | 344                  |
| S Atl                   | 217                  | 243                  | 285                  | 276                  | 235                  | 227                  | 304                  | 289                  |
| E N Cen                 | 605                  | 667                  | 606                  | 612                  | 564                  | 681                  | 589                  | 472                  |
| W N Cen                 | 816                  | 961                  | 953                  | 1,174                | 1,153                | 1,420                | 1,138                | 873                  |
| S Cen                   | 251                  | 269                  | 308                  | 297                  | 349                  | 300                  | 317                  | 297                  |
| West                    | 554                  | 676                  | 825                  | 830                  | 887                  | 995                  | 909                  | 905                  |

See footnote(s) at end of table.

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

| State                   | 2003                 |                      |                      |                      |                      |               | 2002             |               |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|------------------|---------------|
|                         | Sep                  | Oct                  | Nov                  | Dec                  | Total                | Plants        | Total            | Plants        |
|                         | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Number</i> | <i>1,000 Gal</i> | <i>Number</i> |
| CA                      | 318                  | 369                  | 188                  | 114                  | 4,366                | 19            | 4,980            | 19            |
| IL                      |                      |                      |                      |                      |                      |               | 1,066            | 4             |
| IN                      | 232                  | 240                  | 178                  | 159                  | 2,870                | 6             | 1,632            | 6             |
| MA                      | 77                   | 51                   | 58                   | 50                   | 688                  | 9             | 830              | 8             |
| MO                      |                      |                      |                      |                      |                      |               | 797              | 6             |
| NY                      | 124                  | 111                  | 78                   | 86                   | 1,514                | 9             | 1,834            | 10            |
| NC                      | 99                   | 76                   | 53                   | 52                   | 889                  | 7             | 973              | 7             |
| OH                      | 116                  | 89                   | 46                   | 63                   | 1,376                | 9             | 2,215            | 11            |
| PA                      | 77                   | 64                   | 53                   | 50                   | 915                  | 16            | 1,350            | 15            |
| TN                      | 68                   | 75                   | 33                   | 32                   | 682                  | 4             | 692              | 4             |
| TX                      | 70                   | 34                   | 81                   | 79                   | 912                  | 5             | 1,107            | 5             |
| UT                      | 65                   | 56                   | 75                   | 63                   | 689                  | 9             | 860              | 8             |
| WA                      |                      |                      |                      |                      |                      |               | 445              | 4             |
| Oth<br>Sts <sup>1</sup> | 1,789                | 1,490                | 1,379                | 1,582                | 22,567               | 85            | 18,448           | 74            |
| US                      | 3,035                | 2,655                | 2,222                | 2,330                | 37,468               | 178           | 37,229           | 181           |
| N Atl                   | 372                  | 270                  | 275                  | 258                  | 4,072                | 43            | 4,746            | 43            |
| S Atl                   | 247                  | 171                  | 199                  | 201                  | 2,894                | 21            | 3,094            | 22            |
| E N Cen                 | 569                  | 435                  | 379                  | 436                  | 6,615                | 31            | 6,118            | 33            |
| W N Cen                 | 853                  | 775                  | 677                  | 849                  | 11,642               | 14            | 10,952           | 14            |
| S Cen                   | 280                  | 259                  | 226                  | 226                  | 3,379                | 20            | 3,332            | 20            |
| West                    | 714                  | 745                  | 466                  | 360                  | 8,866                | 49            | 8,987            | 49            |

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

**Dairy Plants: Number Manufacturing One or More Dairy Products  
by State and United States, 1999-03**

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

<sup>1</sup> Includes District of Columbia.

**Supply and Utilization of Milk: United States, 2002**

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

See footnote(s) at end of table.

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***Special Note***

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

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

**Supply and Utilization of Milk: United States, 2002**

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

<sup>1</sup> Including whey cream butter.

<sup>2</sup> Adjustment made for duplication the use of dairy products in the manufacturing process of other dairy products.

<sup>3</sup> Excluding whey cream butter.

<sup>4</sup> Excludes frozen yogurt.

<sup>5</sup> Sour cream data not available.

<sup>6</sup> Total sales in U.S. (Source: USDA-AMS)

<sup>7</sup> Includes anhydrous milkfat, butter oil, butterine, and other products.

<sup>8</sup> Food products other than dairy (Source: USDA-ERS)

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

**Supply and Utilization of Milk: United States, 2003**

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

See footnote(s) at end of table.

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**Supply and Utilization of Milk: United States, 2003**

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

<sup>1</sup> Including whey cream butter.

<sup>2</sup> Adjustment made for duplication, use of dairy products in the manufacture of other dairy products.

<sup>3</sup> Excluding whey cream butter.

<sup>4</sup> Excludes frozen yogurt.

<sup>5</sup> Total sales in U.S. (Source: USDA-AMS)

<sup>6</sup> Includes anhydrous milkfat, butter oil, butterine, and other products.

<sup>7</sup> Food products other than dairy (Source: USDA-ERS)

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

<sup>9</sup> Previous year data used when current data not yet available.

**Supply and Utilization of Milk: United States, 2001-2003 <sup>1</sup>**

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

<sup>1</sup> 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.

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

<sup>3</sup> 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.

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

<sup>5</sup> Whole milk equivalent of cottage cheese anhydrous milkfat, butter oil, and butterine.

<sup>6</sup> Total sales in U.S. (USDA-AMS).

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

**Milk Marketings and Utilization for Manufactured Dairy Products:  
United States, 1984-03**

| Year | Milk Marketed      |                         | Year | Milk Marketed      |                         |
|------|--------------------|-------------------------|------|--------------------|-------------------------|
|      | Total              | Used for Dairy Products |      | Total              | Used for Dairy Products |
|      | <i>Million Lbs</i> | <i>Percent</i>          |      | <i>Million Lbs</i> | <i>Percent</i>          |
| 1984 | 132,421            | 58                      | 1994 | 151,944            | 61                      |
| 1985 | 140,558            | 59                      | 1995 | 153,737            | 60                      |
| 1986 | 140,735            | 59                      | 1996 | 152,531            | 60                      |
| 1987 | 140,450            | 58                      | 1997 | 154,697            | 61                      |
| 1988 | 142,833            | 59                      | 1998 | 155,943            | 61                      |
| 1989 | 141,834            | 60                      | 1999 | 161,387            | 62                      |
| 1990 | 145,725            | 61                      | 2000 | 166,256            | 62                      |
| 1991 | 145,723            | 61                      | 2001 | 164,284            | 61                      |
| 1992 | 148,993            | 62                      | 2002 | 168,944            | 63                      |
| 1993 | 148,891            | 61                      | 2003 | 169,198            | 62                      |



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

| Year | Total          | Percentage Distribution |                                     |                                   |                                     |                     |                |
|------|----------------|-------------------------|-------------------------------------|-----------------------------------|-------------------------------------|---------------------|----------------|
|      |                | Butter                  | All Whole Milk and Part Skim Cheese | Evaporated Dry and Condensed Milk | Ice Cream and Other Frozen Products | Other Milk Products | Total          |
|      | <i>Mil Lbs</i> | <i>Percent</i>          | <i>Percent</i>                      | <i>Percent</i>                    | <i>Percent</i>                      | <i>Percent</i>      | <i>Percent</i> |
| 1992 | 92,208         | 30.9                    | 50.0                                | 3.9                               | 14.4                                | 0.8                 | 100.0          |
| 1993 | 90,691         | 30.3                    | 51.3                                | 3.1                               | 14.5                                | 0.8                 | 100.0          |
| 1994 | 92,491         | 29.4                    | 51.6                                | 2.9                               | 15.4                                | 0.7                 | 100.0          |
| 1995 | 92,795         | 28.5                    | 52.8                                | 2.8                               | 15.2                                | 0.7                 | 100.0          |
| 1996 | 91,584         | 26.6                    | 54.7                                | 2.5                               | 15.5                                | 0.7                 | 100.0          |
| 1997 | 93,657         | 25.5                    | 55.3                                | 2.6                               | 15.9                                | 0.7                 | 100.0          |
| 1998 | 95,417         | 25.5                    | 55.4                                | 2.4                               | 16.0                                | 0.7                 | 100.0          |
| 1999 | 100,761        | 26.4                    | 55.5                                | 2.1                               | 15.4                                | 0.6                 | 100.0          |
| 2000 | 102,047        | 25.6                    | 56.7                                | 1.9                               | 15.2                                | 0.6                 | 100.0          |
| 2001 | 100,484        | 25.4                    | 57.1                                | 1.5                               | 15.4                                | 0.6                 | 100.0          |
| 2002 | 105,771        | 26.6                    | 56.4                                | 1.7                               | 14.7                                | 0.6                 | 100.0          |
| 2003 | 104,111        | 24.8                    | 57.6                                | 1.7                               | 15.2                                | 0.7                 | 100.0          |

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

| Year | Cottage Cheese Curd   | Condensed and Evaporated Skim Milk | Non-fat Dry Milk      | Condensed and Dried Buttermilk <sup>1</sup> | Total <sup>2</sup>    |
|------|-----------------------|------------------------------------|-----------------------|---|-----------------------|
|      | <i>Million Pounds</i> | <i>Million Pounds</i>              | <i>Million Pounds</i> | <i>Million Pounds</i>                       | <i>Million Pounds</i> |
| 1992 | 3,140                 | 3,967                              | 9,703                 | 859   | 17,669                |
| 1993 | 2,958                 | 3,949                              | 10,537                | 767   | 18,211                |
| 1994 | 2,896                 | 4,170                              | 13,662                | 758   | 21,486                |
| 1995 | 2,868                 | 3,509                              | 13,668                | 792   | 20,837                |
| 1996 | 2,802                 | 3,163                              | 11,749                | 719   | 18,433                |
| 1997 | 2,865                 | 3,140                              | 13,451                | 724   | 20,180                |
| 1998 | 2,911                 | 3,275                              | 12,537                | 726   | 19,449                |
| 1999 | 2,905                 | 3,604                              | 15,009                | 736   | 22,254                |
| 2000 | 2,881                 | 3,170                              | 16,030                | 749   | 22,830                |
| 2001 | 2,832                 | 2,909                              | 15,612                | 719   | 22,072                |
| 2002 | 2,729                 | 3,174                              | 17,639                | 831   | 24,372                |
| 2003 | 2,802                 | 2,684                              | 17,541                | 750   | 23,777                |

<sup>1</sup> Includes other skim milk minor products.

<sup>2</sup> May not add due to rounding.

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

| State           | Butter              | Cheese              |                        | Evaporated<br>& Condensed<br>Whole Milk<br>Case | Condensed Whole<br>Milk, Bulk |                     |
|-----------------|---------------------|---------------------|------------------------|---|-------------------------------|---------------------|
|                 |                     | American            | Other Than<br>American |   | Unsweetened                   | Sweetened           |
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>                             | <i>1,000 Pounds</i>           | <i>1,000 Pounds</i> |
| CA              | 8,496,504           | 7,823,847           | 4,707,236              |   |                               |                     |
| ID              |                     | 4,877,182           |                        |   |                               |                     |
| IL              |                     |                     | 832,493                |   |                               |                     |
| IA              |                     | 1,422,219           |                        |   |                               |                     |
| MN              |                     | 5,682,550           |                        |   |                               |                     |
| NY              | 637,003             | 927,739             | 3,694,877              |   |                               |                     |
| OH              |                     | 337,430             |                        |   |                               |                     |
| OR              |                     | 942,260             |                        |   |                               |                     |
| PA              | 1,794,690           |                     | 2,182,237              |   |                               |                     |
| SD              |                     | 759,734             | 379,759                |   |                               |                     |
| WA              | 2,420,654           | 1,531,172           |                        |   |                               |                     |
| WI              | 7,584,370           | 8,470,904           | 7,901,957              |   |                               |                     |
| US <sup>3</sup> | 30,256,379          | 36,739,672          | 27,438,852             | 1,258,933                                       | 135,301                       | 178,309             |
| N Atl           | 3,337,650           | 1,534,782           | 6,454,798              | 300,844   | 64,338                        |                     |
| S Atl           | 487,581             | 23,726              | 204,528                |   | 13,656                        |                     |
| E N Cen         | 8,600,944           | 8,959,467           | 10,433,111             | 99,305  | 43,712                        | 137,146             |
| W N Cen         | 2,529,984           | 8,033,456           | 2,505,493              | 165,136   |                               |                     |
| S Cen           | 2,800,965           | 508,916             | 190,177                | 54,254  | 13,595                        | 39,727              |
| West            | 12,499,255          | 17,679,325          | 7,650,745              | 639,394   |                               |                     |

See footnote(s) at end of table.

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

| State           | Dry Whole Milk      | Ice Cream and Other Frozen Products <sup>2</sup> | Other Milk Product <sup>3</sup> | Total <sup>4</sup>  | Duplications        | Net Total <sup>5</sup> |
|-----------------|---------------------|--|---------------------------------|---------------------|---------------------|------------------------|
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>                              | <i>1,000 Pounds</i>             | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>    |
| CA              | 118,238             | 2,044,986  | 74,905                          | 23,885,472          | 1,426,993           | 22,458,479             |
| FL              |                     | 431,717  | 2,670                           | 434,387             | 135,455             | 298,932                |
| ID              |                     | 66,143   | 8,457                           | 5,789,109           | 454,089             | 5,335,020              |
| IL              |                     |  |                                 | 1,570,301           | 186,399             | 1,383,902              |
| IN              |                     |  |                                 | 1,611,065           | 175,101             | 1,435,964              |
| IA              |                     |  |                                 | 3,775,023           | 260,444             | 3,514,579              |
| MD <sup>6</sup> |                     |  |                                 | 792,850             | 136,123             | 656,727                |
| MA              |                     |  |                                 | 1,974,770           | 304,647             | 1,670,123              |
| MI              |                     | 476,851  | 25,442                          | 1,471,471           | 141,014             | 1,330,457              |
| MN              |                     | 650,804  | 31,983                          | 7,989,788           | 475,874             | 7,513,914              |
| MO              |                     | 414,076  | 18,370                          | 1,582,418           | 14,357              | 1,568,061              |
| NE              |                     |  |                                 | 1,232,641           | 82,280              | 1,150,361              |
| NY              |                     | 571,335  | 126,240                         | 6,210,219           | 569,773             | 5,640,446              |
| NC              |                     | 469,945  | 11,123                          | 506,164             | 222,946             | 283,218                |
| OH              |                     | 680,615  | 40,695                          | 2,957,537           | 281,883             | 2,675,654              |
| OR              |                     | 207,793  |                                 | 1,789,698           | 89,888              | 1,699,810              |
| PA              |                     | 811,213  | 20,216                          | 5,061,213           | 223,451             | 4,837,762              |
| TN              |                     | 283,634  | 16,339                          | 1,120,378           | 35,541              | 1,084,837              |
| TX              |                     | 1,031,514  | 22,135                          | 3,239,514           | 82,708              | 3,156,806              |
| WA              |                     | 263,951  | 32,180                          | 4,252,725           | 129,039             | 4,123,686              |
| WI              |                     | 208,525  | 43,270                          | 24,338,704          | 1,424,782           | 22,913,922             |
| US <sup>7</sup> | 347,938             | 16,777,750                                       | 707,892                         | 113,841,026         | 8,069,546           | 105,771,480            |
| N Atl           |                     | 3,243,404  | 152,575                         | 15,222,111          | 1,250,360           | 13,971,751             |
| S Atl           |                     | 1,725,744  | 29,356                          | 2,484,591           | 614,932             | 1,869,659              |
| E N Cen         | 94,075              | 3,394,686  | 186,632                         | 31,949,078          | 2,209,179           | 29,739,899             |
| W N Cen         |                     | 2,744,410  | 98,254                          | 16,078,556          | 961,755             | 15,116,801             |
| S Cen           |                     | 2,142,691  | 69,326                          | 5,819,733           | 280,553             | 5,539,180              |
| West            |                     | 3,526,815  | 171,749                         | 42,286,957          | 2,752,767           | 39,534,190             |

<sup>1</sup> 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.

<sup>2</sup> Excludes frozen yogurt.

<sup>3</sup> Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

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

<sup>5</sup> 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.

<sup>6</sup> Includes District of Columbia.

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

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

| State           | Butter              | Cheese              |                        | Evaporated<br>& Condensed<br>Whole Milk<br>Case | Condensed Whole<br>Milk, Bulk |                     |
|-----------------|---------------------|---------------------|------------------------|---|-------------------------------|---------------------|
|                 |                     | American            | Other Than<br>American |   | Unsweetened                   | Sweetened           |
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>    | <i>1,000 Pounds</i>                             | <i>1,000 Pounds</i>           | <i>1,000 Pounds</i> |
| CA              | 8,191,798           | 7,901,831           | 5,163,869              |   |                               |                     |
| ID              |                     | 4,904,619           |                        |   |                               |                     |
| IA              |                     | 1,297,424           |                        |   |                               |                     |
| MN              |                     | 5,856,979           |                        |   |                               |                     |
| NY              | 559,290             | 885,306             | 3,705,984              |   |                               |                     |
| OH              |                     | 336,196             |                        |   |                               |                     |
| OR              |                     | 1,009,218           |                        |   |                               |                     |
| PA              | 1,371,340           |                     | 2,177,292              |   |                               |                     |
| SD              |                     | 801,201             | 323,556                |   |                               |                     |
| UT              | 979,136             |                     |                        |   |                               |                     |
| WI              | 6,867,446           | 8,195,054           | 8,302,581              |   |                               |                     |
| US <sup>3</sup> | 27,842,627          | 36,694,139          | 28,006,774             | 1,271,867                                       | 182,117                       | 177,026             |
| N Atl           | 2,785,094           | 1,507,538           | 6,468,086              | 258,471   | 71,967                        |                     |
| S Atl           | 364,338             | 23,263              | 198,219                |   |                               |                     |
| E N Cen         | 7,673,083           | 8,653,454           | 10,883,137             | 106,711   | 63,637                        | 129,422             |
| W N Cen         | 2,270,581           | 8,048,160           | 1,808,969              | 152,022   |                               |                     |
| S Cen           | 2,671,903           | 524,740             | 302,710                | 63,025  | 18,033                        | 45,888              |
| West            | 12,077,628          | 17,936,984          | 8,345,653              | 691,638   |                               |                     |

See footnote(s) at end of table.

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

| State           | Dry Whole Milk      | Ice Cream and Other Frozen Products <sup>2</sup> | Other Milk Product <sup>3</sup> | Total <sup>4</sup>  | Duplications        | Net Total <sup>5</sup> |
|-----------------|---------------------|--|---------------------------------|---------------------|---------------------|------------------------|
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>                              | <i>1,000 Pounds</i>             | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>    |
| CA              | 86,839              | 2,078,229  | 75,559                          | 24,166,272          | 1,511,481           | 22,654,791             |
| FL              |                     | 530,140  |                                 | 530,393             | 171,034             | 359,359                |
| ID              |                     | 55,042   | 9,164                           | 6,030,608           | 478,356             | 5,552,252              |
| IL              |                     |  |                                 | 1,626,301           | 204,017             | 1,422,284              |
| IN              |                     |  |                                 | 1,604,298           | 187,156             | 1,417,142              |
| IA              |                     |  |                                 | 3,164,531           | 210,424             | 2,954,107              |
| MD <sup>6</sup> |                     | 345,147  |                                 | 659,147             | 123,195             | 535,952                |
| MA              |                     | 1,118,043  |                                 | 1,975,550           | 320,088             | 1,655,462              |
| MI              |                     | 392,541  | 30,221                          | 1,375,884           | 122,245             | 1,253,639              |
| MN              |                     | 610,108  | 36,301                          | 7,984,920           | 489,680             | 7,495,240              |
| MO              |                     | 482,022  | 17,213                          | 1,562,200           | 16,347              | 1,545,853              |
| NE              |                     |  |                                 | 1,033,645           | 56,187              | 977,458                |
| NY              |                     | 547,650  | 129,945                         | 6,048,694           | 554,337             | 5,494,357              |
| NC              |                     | 478,411  |                                 | 511,208             | 220,520             | 290,688                |
| OH              |                     | 569,629  | 42,122                          | 2,749,141           | 288,013             | 2,461,128              |
| OR              |                     | 243,306  |                                 | 1,866,623           | 97,599              | 1,769,024              |
| PA              |                     | 851,475  | 22,386                          | 4,643,361           | 218,832             | 4,424,529              |
| TN              |                     | 296,740  | 16,110                          | 966,804             | 36,386              | 930,418                |
| TX              |                     | 1,028,825  | 24,918                          | 3,380,819           | 82,022              | 3,298,797              |
| UT              |                     |  |                                 | 2,020,306           | 182,315             | 1,837,991              |
| WA              |                     |  |                                 | 4,121,477           | 128,396             | 3,993,081              |
| WI              |                     | 209,194  | 36,776                          | 23,748,765          | 1,441,210           | 22,307,555             |
| US <sup>7</sup> | 283,801             | 17,105,261                                       | 724,749                         | 112,288,361         | 8,177,833           | 104,110,528            |
| N Atl           |                     | 3,337,743  | 159,684                         | 14,698,476          | 1,248,679           | 13,449,797             |
| S Atl           |                     | 1,769,429  | 18,965                          | 2,402,667           | 612,850             | 1,789,817              |
| E N Cen         | 85,993              | 3,320,286  | 188,666                         | 31,104,389          | 2,242,641           | 28,861,748             |
| W N Cen         |                     | 2,782,360  | 103,281                         | 15,166,475          | 896,357             | 14,270,118             |
| S Cen           |                     | 2,158,567  | 70,403                          | 5,855,324           | 282,744             | 5,572,580              |
| West            |                     | 3,736,876  | 183,750                         | 43,061,030          | 2,894,562           | 40,166,468             |

<sup>1</sup> 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.

<sup>2</sup> Excludes frozen yogurt.

<sup>3</sup> Includes cottage cheese, anhydrous milkfat, butter oil and butterine.

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

<sup>5</sup> 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.

<sup>6</sup> Includes District of Columbia.

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

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

| State           | Cottage Cheese Curd | Condensed Skim Milk, Bulk |                     | Dry                 |                          | Other Products <sup>5</sup> | Total <sup>6</sup>  |
|-----------------|---------------------|---------------------------|---------------------|---------------------|--------------------------|-----------------------------|---------------------|
|                 |                     | Sweetened                 | Un-sweetened        | Butter-Milk         | Nonfat Milk <sup>4</sup> |                             |                     |
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>       | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>      | <i>1,000 Pounds</i>         | <i>1,000 Pounds</i> |
| AZ              |                     |                           |                     |                     |                          |                             | 1,015,899           |
| CA              | 260,988             |                           | 1,515,276           | 360,723             | 8,381,890                |                             | 10,552,819          |
| FL              |                     |                           |                     |                     |                          |                             | 31,725              |
| ID              |                     |                           |                     |                     | 1,280,037                |                             | 1,314,562           |
| IL              | 219,681             |                           |                     |                     |                          |                             | 219,681             |
| IN              | 68,838              |                           |                     |                     |                          |                             | 433,770             |
| IA              | 124,556             |                           |                     |                     |                          |                             | 700,333             |
| KY              | 79,250              |                           |                     |                     |                          |                             | 121,403             |
| LA              |                     |                           |                     |                     |                          |                             | 126,756             |
| MD <sup>2</sup> |                     |                           |                     |                     |                          |                             | 446,798             |
| MI              |                     |                           |                     |                     |                          |                             | 630,444             |
| MN              |                     |                           |                     | 18,766              |                          |                             | 186,839             |
| MO              | 65,444              |                           |                     |                     |                          |                             | 110,657             |
| NY              | 600,588             |                           |                     |                     |                          |                             | 1,095,492           |
| NC              |                     |                           |                     |                     |                          |                             | 31,744              |
| OH              | 142,644             |                           |                     |                     |                          |                             | 167,631             |
| OK              |                     |                           |                     |                     |                          |                             | 40,384              |
| OR              | 19,313              |                           |                     |                     |                          |                             | 223,893             |
| PA              | 36,644              |                           |                     |                     |                          |                             | 949,165             |
| SD              |                     |                           |                     |                     |                          |                             | 202,720             |
| TN              | 58,200              |                           |                     |                     |                          |                             | 230,681             |
| TX              | 96,038              |                           |                     |                     |                          |                             | 1,085,019           |
| WA              |                     |                           |                     |                     | 2,119,986                |                             | 2,258,386           |
| WI              | 78,856              |                           |                     |                     |                          |                             | 440,014             |
| US <sup>3</sup> | 2,728,865           | 67,035                    | 3,106,899           | 603,746             | 17,638,544               | 226,857                     | 24,371,946          |
| N Atl           | 655,944             |                           | 502,392             | 91,993              | 1,504,041                | 25,620                      | 2,779,990           |
| S Atl           | 127,875             |                           | 156,345             | 110                 | 385,264                  |                             | 669,594             |
| E N Cen         | 647,875             | 41,688                    | 508,386             | 54,560              | 587,026                  | 52,005                      | 1,891,540           |
| W N Cen         | 329,556             |                           | 75,090              | 18,766              | 832,722                  |                             | 1,264,480           |
| S Cen           | 259,319             | 23,418                    | 313,812             | 69,729              | 829,092                  | 108,873                     | 1,604,243           |
| West            | 708,296             |                           |                     | 368,588             | 13,500,399               | 32,013                      | 16,162,099          |

<sup>1</sup> 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.

<sup>2</sup> Includes District of Columbia.

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

<sup>4</sup> Includes dry skim milk for animal feed.

<sup>5</sup> Includes evaporated skim milk, case and condensed, and evaporated buttermilk.

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

**Skim Milk Equivalent: Calculated Quantities in Specified Products,  
Whole Milk Basis by State and United States, 2003 <sup>1</sup>**

| State           | Cottage Cheese Curd | Condensed Skim Milk, Bulk |                     | Dry                 |                          | Other Products <sup>5</sup> | Total <sup>6</sup>  |
|-----------------|---------------------|---------------------------|---------------------|---------------------|--------------------------|-----------------------------|---------------------|
|                 |                     | Sweetened                 | Un-sweetened        | Butter-Milk         | Nonfat Milk <sup>4</sup> |                             |                     |
|                 | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>       | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i>      | <i>1,000 Pounds</i>         | <i>1,000 Pounds</i> |
| AZ              |                     |                           |                     |                     |                          |                             | 870,221             |
| CA              | 249,325             |                           | 1,299,198           | 342,892             | 8,148,217                |                             | 10,072,041          |
| FL              |                     |                           |                     |                     |                          |                             | 70,856              |
| ID              |                     |                           |                     |                     | 1,714,977                |                             | 1,750,208           |
| IL              | 226,300             |                           |                     |                     |                          |                             | 226,300             |
| IN              |                     |                           |                     |                     |                          |                             | 368,885             |
| IA              | 132,969             |                           |                     |                     |                          |                             | 612,011             |
| KY              | 81,550              |                           |                     |                     |                          |                             | 109,464             |
| LA              |                     |                           |                     |                     |                          |                             | 89,707              |
| MD <sup>2</sup> |                     |                           |                     |                     |                          |                             | 399,583             |
| MI              |                     |                           |                     |                     |                          |                             | 576,265             |
| MN              |                     |                           |                     | 54,967              |                          |                             | 251,198             |
| MO              | 63,838              |                           |                     |                     |                          |                             | 108,319             |
| NY              | 587,319             |                           |                     |                     |                          |                             | 1,006,866           |
| NC              |                     |                           |                     |                     |                          |                             | 24,538              |
| OH              | 153,325             |                           |                     |                     |                          |                             | 167,511             |
| OK              |                     |                           |                     |                     |                          |                             | 37,195              |
| OR              | 22,375              |                           |                     |                     |                          |                             | 231,052             |
| PA              |                     |                           |                     |                     |                          |                             | 1,024,943           |
| SD              |                     |                           |                     |                     |                          |                             | 206,156             |
| TN              | 57,581              |                           |                     |                     |                          |                             | 119,022             |
| TX              | 103,988             |                           |                     |                     |                          |                             | 967,190             |
| WI              | 75,869              |                           |                     |                     |                          |                             | 411,780             |
| US              | 2,801,761           | 68,688                    | 2,614,947           | 574,420             | 17,541,282               | 175,749                     | 23,776,847          |
| N Atl           | 643,231             |                           | 435,585             | 72,864              | 1,412,609                | 24,297                      | 2,598,798           |
| S Atl           | 139,382             |                           | 184,419             |                     | 331,441                  |                             | 655,242             |
| Atl             | 782,613             |                           | 620,004             | 72,864              | 1,744,050                | 24,297                      | 3,254,040           |
| E N Cen         | 671,438             | 34,410                    | 432,726             | 30,228              | 537,218                  | 44,721                      | 1,750,741           |
| W N Cen         | 340,215             |                           | 88,344              | 54,967              | 742,456                  |                             | 1,233,791           |
| N Cen           | 1,011,653           | 34,410                    | 521,070             | 85,195              | 1,279,674                | 52,530                      | 2,984,532           |
| S Cen           | 264,594             | 21,717                    | 142,449             | 65,131              | 759,825                  | 68,862                      | 1,322,578           |
| Central         | 1,276,247           | 56,127                    | 663,519             | 150,326             | 2,039,499                | 121,392                     | 4,307,110           |
| West            | 742,901             |                           |                     |                     | 13,757,733               | 30,060                      | 16,215,697          |

<sup>1</sup> 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.

<sup>2</sup> Includes District of Columbia.

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

<sup>4</sup> Includes dry skim milk for animal feed.

<sup>5</sup> Includes evaporated skim milk, case and condensed, and evaporated buttermilk.

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

**Procedures and Reliability:** Estimates included in this report are based on data provided each month by manufacturers of these products. In 32 States, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1,126 manufacturers that made one or more products in 2003. Each month, reports are generally received from all dairy plants in States with small numbers of plants. In States with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. Monthly estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

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

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



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