

Dairy Products



USDA
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November 1998 Highlights

American type cheese production totaled 268 million pounds, 7.7 percent above November 1997 and 5.1 percent above October 1998.

Total cheese output (excluding cottage cheese) was 632 million pounds, 6.4 percent above November 1997 and 1.8 percent above October 1998.

Cream cottage cheese production was 28.2 million pounds, 2.6 percent above November 1997 but 6.1 percent below October 1998.

Lowfat cottage cheese production was 27.8 million pounds, 4.3 percent above November 1997 but 5.7 percent below October 1998.

Butter production was 87.3 million pounds in November, 2.1 percent below November 1997 but 4.9 percent above October 1998.

Frozen dessert: (comparisons with November 1997)

Ice cream, Regular (hard) --- 51.9 million gallons, down 4.1 percent.

Ice cream, Lowfat (total) --- 22.1 million gallons, down 5.8 percent.

Ice cream, Nonfat (hard) --- 2.27 million gallons, up 3.5 percent.

Sherbet (hard) --- 3.05 million gallons, up 3.2 percent.

Frozen Yogurt (total) --- 6.10 million gallons, up 18.4 percent.

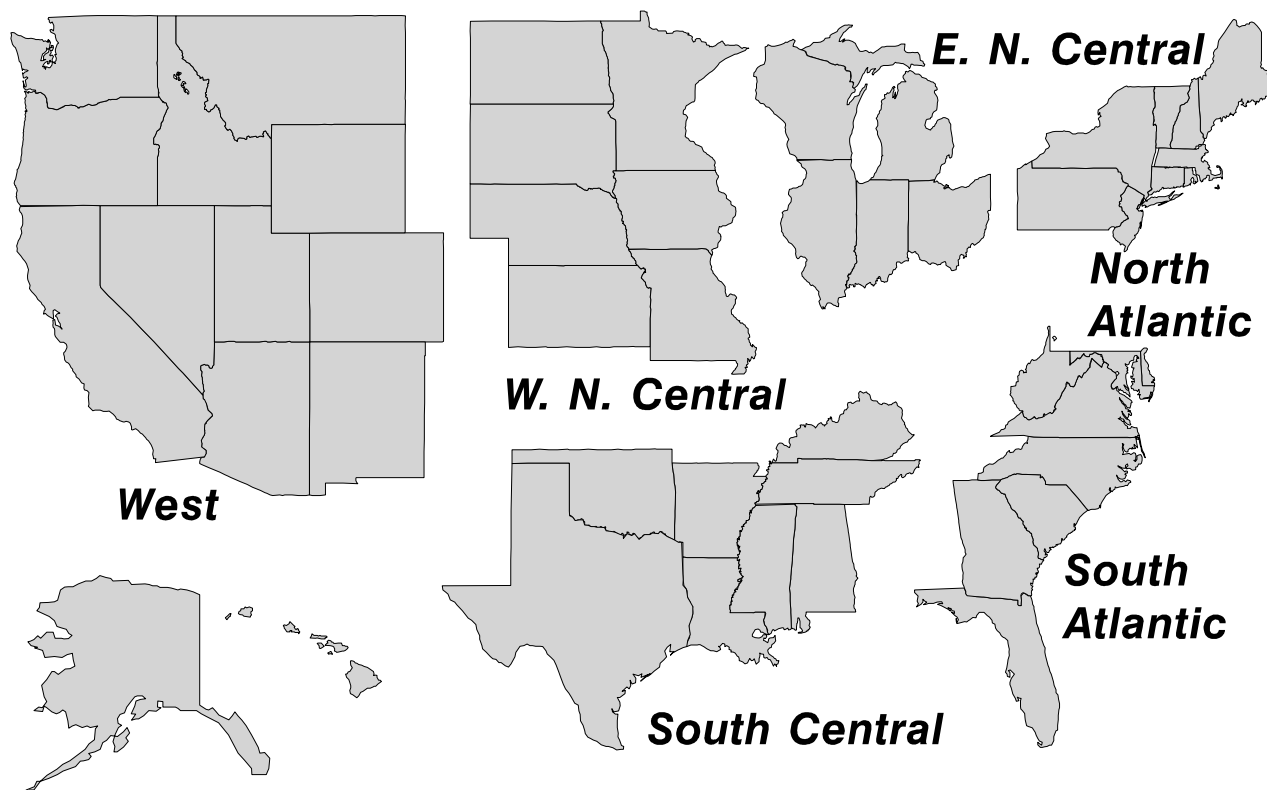
Dry milk products: (comparisons with November 1997)

Nonfat dry milk for human food --- 69.4 million pounds, down 7.7 percent.

Dry whole milk --- 12.1 million pounds, up 44.3 percent.

Dry buttermilk --- 3.71 million pounds, up 7.5 percent.

U. S. Geographic Regions Manufactured Dairy



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 For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic.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

**Dairy Products: Production by Product,
United States, November, 1997-98**

| Product | Nov 1997 | Oct 1998 ¹ | Nov 1998 | Change From | |
|---|----------------------|--------------------------|----------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| Butter | 89,131 | 83,214 | 87,277 | -2.1 | 4.9 |
| Cheese | | | | | |
| American Types ² | 248,540 | 254,550 | 267,642 | 7.7 | 5.1 |
| Cheddar | 193,921 | 204,981 | 213,364 | 10.0 | 4.1 |
| Swiss | 15,904 | 17,148 | 16,491 | 3.7 | -3.8 |
| Brick and Muenster | 8,347 | 9,104 | 8,523 | 2.1 | -6.4 |
| Cream and Neufchatel | 61,298 | 63,286 | 60,349 | -1.5 | -4.6 |
| Blue | 4,588 | 4,516 | 3,576 | -22.1 | -20.8 |
| Hispanic | 5,231 | 6,517 | 6,534 | 24.9 | 0.3 |
| Mozzarella | 181,941 | 199,378 | 203,543 | 11.9 | 2.1 |
| Other Italian Types | 57,629 | 55,312 | 55,508 | -3.7 | 0.4 |
| Total Italian Types | 239,570 | 254,690 | 259,051 | 8.1 | 1.7 |
| All Other Types | 11,045 | 11,388 | 10,234 | -7.3 | -10.1 |
| Total | 594,523 | 621,199 | 632,400 | 6.4 | 1.8 |
| Cottage Cheese, Curd ³ | 34,775 | 38,107 | 35,950 | 3.4 | -5.7 |
| Cottage Cheese, Cream ⁴ | 27,514 | 30,079 | 28,234 | 2.6 | -6.1 |
| Cottage Cheese, Lowfat ⁵ | 26,668 | 29,490 | 27,807 | 4.3 | -5.7 |
| Canned Evaporated and Condensed Whole Milk | 56,606 | 43,835 | 47,421 | -16.2 | 8.2 |
| Dry Whole Milk | 8,377 | 13,890 | 12,084 | 44.3 | -13.0 |
| Nonfat Dry Milk, Human | 75,228 | 70,011 | 69,410 | -7.7 | -0.9 |
| Dry Skim Milk, Animal | 357 | 282 | 272 | -23.8 | -3.5 |
| Dry Buttermilk | 3,455 | 3,449 | 3,713 | 7.5 | 7.7 |
| Yogurt, Plain & Flavored | 108,874 | 138,469 | 114,375 | 5.1 | -17.4 |
| | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> | <i>Percent</i> |
| Frozen Products | | | | | |
| Ice Cream, Hard | 54,114 | 64,880 | 51,881 | -4.1 | -20.0 |
| Ice Cream, Lowfat, Hard | 6,989 | 7,945 | 6,645 | -4.9 | -16.4 |
| Ice Cream, Lowfat, Soft | 16,481 | 17,870 | 15,467 | -6.2 | -13.4 |
| Ice Cream, Lowfat, Total | 23,470 | 25,815 | 22,112 | -5.8 | -14.3 |
| Ice Cream, Nonfat, Hard | 2,191 | 2,466 | 2,268 | 3.5 | -8.0 |
| Sherbet, Hard | 2,954 | 3,458 | 3,050 | 3.2 | -11.8 |
| Water and Juice Ices | 3,575 | 4,484 | 3,619 | 1.2 | -19.3 |
| Frozen Yogurt, Total | 5,151 | 7,015 | 6,100 | 18.4 | -13.0 |
| Regular & Lowfat, Hard | 2,109 | 2,769 | 2,093 | -0.8 | -24.4 |
| Nonfat, Hard | 1,491 | 1,845 | 1,515 | 1.6 | -17.9 |
| Other Frozen Dairy Products | 654 | 1,322 | 1,125 | 72.0 | -14.9 |
| Mix for Frozen Products | | | | | |
| Ice Cream Mix | 29,874 | 35,816 | 28,775 | -3.7 | -19.7 |
| Ice Cream, Lowfat, Mix | 13,123 | 16,095 | 13,809 | 5.2 | -14.2 |
| Ice Cream, Nonfat, Mix | 1,257 | 1,454 | 1,253 | -0.3 | -13.8 |
| Sherbet Mix | 2,263 | 2,405 | 2,185 | -3.4 | -9.1 |
| Yogurt Mix | 3,260 | 4,440 | 3,861 | 18.4 | -13.0 |

¹ Revised.

² Includes Cheddar, Colby, Monterey, and Jack.

³ Mostly used for processing into cream or lowfat cottage cheese.

⁴ Fat content 4 percent or more.

⁵ Fat content less than 4 percent.

**Whey and Modified Whey Products: Production, Stocks,
and Prices, United States, November, 1997-98**

| Product | Nov 1997 | Oct 1998 ¹ | Nov 1998 | Change From | |
|--|------------------------|--------------------------|------------------------|---------------------|---------------------|
| | | | | Nov 1997 | Oct 1998 |
| Production | | | | | |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| Condensed Whey, Solids Content ² | | | | | |
| Sweet-Type, Human | 6,565 | 5,595 | 4,216 | -35.8 | -24.6 |
| Sweet-Type, Animal | 1,789 | 1,309 | 1,213 | -32.2 | -7.3 |
| Dry Whey Products | | | | | |
| Dry Whey, Human | 82,368 | 82,462 | 83,077 | 0.9 | 0.7 |
| Dry Whey, Animal | 3,516 | 7,044 | 7,088 | 101.6 | 0.6 |
| Reduced Lactose and Minerals | | | | | |
| Human Food | 4,432 | 5,716 | 6,484 | 46.3 | 13.4 |
| Animal Feed | 2,339 | 2,744 | 2,474 | 5.8 | -9.8 |
| Lactose, Human and Animal | 30,583 | 36,213 | 37,793 | 23.6 | 4.4 |
| Whey | | | | | |
| Solids in Wet Blends, Animal | 2,500 | 2,900 | 3,200 | 28.0 | 10.3 |
| Protein Concentrate, Human | 18,349 | 21,116 | 20,396 | 11.2 | -3.4 |
| Protein Concentrate, Animal | 3,093 | 3,332 | 3,500 | 13.2 | 5.0 |
| Manufacturers' Stocks End-of-Month ³ | | | | | |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| Dry Whey Products | | | | | |
| Dry Whey, Human | 26,905 | 32,301 | 32,608 | 21.2 | 1.0 |
| Dry Whey, Animal | 2,372 | 4,899 | 4,500 | 89.7 | -8.1 |
| Reduced Lactose and Minerals | | | | | |
| Human and Animal ⁴ | 9,249 | 10,393 | 10,445 | 12.9 | 0.5 |
| Lactose, Human and Animal | 19,387 | 26,663 | 28,385 | 46.4 | 6.5 |
| Whey Protein Concentrate, Human | 8,731 | 12,833 | 13,436 | 53.9 | 4.7 |
| Whey Protein Concentrate, Animal | 1,268 | 1,429 | 2,632 | 107.6 | 84.2 |
| Manufacturers' Selling Price ⁵ | | | | | |
| | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents Change</i> | <i>Cents Change</i> |
| Dry Whey, Human | 27.4 | 25.7 | 24.7 | -2.7 | -1.0 |
| Dry Whey, Animal | 27.3 | 24.1 | 22.7 | -4.6 | -1.4 |

¹ Revised.

² Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products.

³ Stocks held by manufacturers at all points and in transit.

⁴ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁵ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Dairy Products: Production by Product and Month,
United States, 1997-98¹**

| Product and Month | By Month | | | Cumulative | | |
|------------------------|---------------------|---------------------|------------------|---------------------|---------------------|------------------|
| | 1997 | 1998 | Change From 1997 | 1997 | 1998 | Change From 1997 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> |
| Total Cheese | | | | | | |
| Jan | 598,134 | 615,733 | 2.9 | 598,134 | 615,733 | 2.9 |
| Feb | 577,137 | 574,153 | -0.5 | 1,175,271 | 1,189,886 | 1.2 |
| Mar | 637,976 | 645,189 | 1.1 | 1,813,247 | 1,835,075 | 1.2 |
| Apr | 598,487 | 641,316 | 7.2 | 2,411,734 | 2,476,391 | 2.7 |
| May | 641,972 | 653,088 | 1.7 | 3,053,706 | 3,129,479 | 2.5 |
| Jun | 623,366 | 641,140 | 2.9 | 3,677,072 | 3,770,619 | 2.5 |
| Jul | 613,224 | 612,525 | -0.1 | 4,290,296 | 4,383,144 | 2.2 |
| Aug | 596,521 | 596,041 | -0.1 | 4,886,817 | 4,979,185 | 1.9 |
| Sep | 604,259 | 579,882 | -4.0 | 5,491,076 | 5,559,067 | 1.2 |
| Oct | 615,531 | 621,199 | 0.9 | 6,106,607 | 6,180,266 | 1.2 |
| Nov | 594,523 | 632,400 | 6.4 | 6,701,130 | 6,812,666 | 1.7 |
| Dec | 627,888 | | | 7,329,018 | | |
| American Cheese | | | | | | |
| Jan | 278,566 | 283,248 | 1.7 | 278,566 | 283,248 | 1.7 |
| Feb | 267,073 | 261,137 | -2.2 | 545,639 | 544,385 | -0.2 |
| Mar | 285,469 | 285,205 | -0.1 | 831,108 | 829,590 | -0.2 |
| Apr | 279,556 | 289,727 | 3.6 | 1,110,664 | 1,119,317 | 0.8 |
| May | 294,625 | 293,106 | -0.5 | 1,405,289 | 1,412,423 | 0.5 |
| Jun | 286,176 | 287,818 | 0.6 | 1,691,465 | 1,700,241 | 0.5 |
| Jul | 285,300 | 277,252 | -2.8 | 1,976,765 | 1,977,493 | |
| Aug | 260,009 | 261,132 | 0.4 | 2,236,774 | 2,238,625 | 0.1 |
| Sep | 261,240 | 245,425 | -6.1 | 2,498,014 | 2,484,050 | -0.6 |
| Oct | 260,018 | 254,550 | -2.1 | 2,758,032 | 2,738,600 | -0.7 |
| Nov | 248,540 | 267,642 | 7.7 | 3,006,572 | 3,006,242 | |
| Dec | 278,631 | | | 3,285,203 | | |
| Cheddar Cheese | | | | | | |
| Jan | 224,901 | 228,758 | 1.7 | 224,901 | 228,758 | 1.7 |
| Feb | 216,991 | 207,494 | -4.4 | 441,892 | 436,252 | -1.3 |
| Mar | 231,347 | 228,483 | -1.2 | 673,239 | 664,735 | -1.3 |
| Apr | 226,279 | 232,522 | 2.8 | 899,518 | 897,257 | -0.3 |
| May | 239,693 | 236,098 | -1.5 | 1,139,211 | 1,133,355 | -0.5 |
| Jun | 233,125 | 227,879 | -2.3 | 1,372,336 | 1,361,234 | -0.8 |
| Jul | 229,217 | 219,624 | -4.2 | 1,601,553 | 1,580,858 | -1.3 |
| Aug | 206,744 | 204,651 | -1.0 | 1,808,297 | 1,785,509 | -1.3 |
| Sep | 208,094 | 189,062 | -9.1 | 2,016,391 | 1,974,571 | -2.1 |
| Oct | 205,449 | 204,981 | -0.2 | 2,221,840 | 2,179,552 | -1.9 |
| Nov | 193,921 | 213,364 | 10.0 | 2,415,761 | 2,392,916 | -0.9 |
| Dec | 223,765 | | | 2,639,526 | | |

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1997-98¹ (continued)**

| Product and Month | By Month | | | Cumulative | | |
|--------------------------|---------------------|---------------------|------------------|---------------------|---------------------|------------------|
| | 1997 | 1998 | Change From 1997 | 1997 | 1998 | Change From 1997 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> |
| Italian Cheese | | | | | | |
| Jan | 235,577 | 244,105 | 3.6 | 235,577 | 244,105 | 3.6 |
| Feb | 228,794 | 231,396 | 1.1 | 464,371 | 475,501 | 2.4 |
| Mar | 254,472 | 262,144 | 3.0 | 718,843 | 737,645 | 2.6 |
| Apr | 232,936 | 253,698 | 8.9 | 951,779 | 991,343 | 4.2 |
| May | 251,485 | 260,032 | 3.4 | 1,203,264 | 1,251,375 | 4.0 |
| Jun | 237,485 | 251,413 | 5.9 | 1,440,749 | 1,502,788 | 4.3 |
| Jul | 237,561 | 241,331 | 1.6 | 1,678,310 | 1,744,119 | 3.9 |
| Aug | 240,727 | 241,725 | 0.4 | 1,919,037 | 1,985,844 | 3.5 |
| Sep | 234,897 | 229,941 | -2.1 | 2,153,934 | 2,215,785 | 2.9 |
| Oct | 238,902 | 254,690 | 6.6 | 2,392,836 | 2,470,475 | 3.2 |
| Nov | 239,570 | 259,051 | 8.1 | 2,632,406 | 2,729,526 | 3.7 |
| Dec | 247,998 | | | 2,880,404 | | |
| Mozzarella Cheese | | | | | | |
| Jan | 183,894 | 188,661 | 2.6 | 183,894 | 188,661 | 2.6 |
| Feb | 181,482 | 182,487 | 0.6 | 365,376 | 371,148 | 1.6 |
| Mar | 197,893 | 205,352 | 3.8 | 563,269 | 576,500 | 2.3 |
| Apr | 183,080 | 198,455 | 8.4 | 746,349 | 774,955 | 3.8 |
| May | 200,164 | 207,417 | 3.6 | 946,513 | 982,372 | 3.8 |
| Jun | 188,265 | 197,876 | 5.1 | 1,134,778 | 1,180,248 | 4.0 |
| Jul | 188,058 | 192,851 | 2.5 | 1,322,836 | 1,373,099 | 3.8 |
| Aug | 189,506 | 191,321 | 1.0 | 1,512,342 | 1,564,420 | 3.4 |
| Sep | 179,037 | 181,570 | 1.4 | 1,691,379 | 1,745,990 | 3.2 |
| Oct | 181,442 | 199,378 | 9.9 | 1,872,821 | 1,945,368 | 3.9 |
| Nov | 181,941 | 203,543 | 11.9 | 2,054,762 | 2,148,911 | 4.6 |
| Dec | 189,243 | | | 2,244,005 | | |
| Other Italian | | | | | | |
| Jan | 51,683 | 55,444 | 7.3 | 51,683 | 55,444 | 7.3 |
| Feb | 47,312 | 48,909 | 3.4 | 98,995 | 104,353 | 5.4 |
| Mar | 56,579 | 56,792 | 0.4 | 155,574 | 161,145 | 3.6 |
| Apr | 49,856 | 55,243 | 10.8 | 205,430 | 216,388 | 5.3 |
| May | 51,321 | 52,615 | 2.5 | 256,751 | 269,003 | 4.8 |
| Jun | 49,220 | 53,537 | 8.8 | 305,971 | 322,540 | 5.4 |
| Jul | 49,503 | 48,480 | -2.1 | 355,474 | 371,020 | 4.4 |
| Aug | 51,221 | 50,404 | -1.6 | 406,695 | 421,424 | 3.6 |
| Sep | 55,860 | 48,371 | -13.4 | 462,555 | 469,795 | 1.6 |
| Oct | 57,460 | 55,312 | -3.7 | 520,015 | 525,107 | 1.0 |
| Nov | 57,629 | 55,508 | -3.7 | 577,644 | 580,615 | 0.5 |
| Dec | 58,755 | | | 636,399 | | |

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1997-98¹ (continued)**

| Product and Month | By Month | | | Cumulative | | |
|-----------------------------------|---------------------|---------------------|------------------|---------------------|---------------------|------------------|
| | 1997 | 1998 | Change From 1997 | 1997 | 1998 | Change From 1997 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> |
| Butter | | | | | | |
| Jan | 127,575 | 113,512 | -11.0 | 127,575 | 113,512 | -11.0 |
| Feb | 108,633 | 102,704 | -5.5 | 236,208 | 216,216 | -8.5 |
| Mar | 105,397 | 100,773 | -4.4 | 341,605 | 316,989 | -7.2 |
| Apr | 118,268 | 102,974 | -12.9 | 459,873 | 419,963 | -8.7 |
| May | 102,735 | 92,948 | -9.5 | 562,608 | 512,911 | -8.8 |
| Jun | 82,017 | 72,641 | -11.4 | 644,625 | 585,552 | -9.2 |
| Jul | 80,040 | 67,129 | -16.1 | 724,665 | 652,681 | -9.9 |
| Aug | 68,812 | 61,514 | -10.6 | 793,477 | 714,195 | -10.0 |
| Sep | 79,346 | 67,138 | -15.4 | 872,823 | 781,333 | -10.5 |
| Oct | 83,326 | 83,214 | -0.1 | 956,149 | 864,547 | -9.6 |
| Nov | 89,131 | 87,277 | -2.1 | 1,045,280 | 951,824 | -8.9 |
| Dec | 105,970 | | | 1,151,250 | | |
| Nonfat Dry Milk, Human | | | | | | |
| Jan | 100,927 | 103,703 | 2.8 | 100,927 | 103,703 | 2.8 |
| Feb | 93,024 | 96,995 | 4.3 | 193,951 | 200,698 | 3.5 |
| Mar | 114,060 | 107,318 | -5.9 | 308,011 | 308,016 | |
| Apr | 127,731 | 120,359 | -5.8 | 435,742 | 428,375 | -1.7 |
| May | 132,711 | 121,295 | -8.6 | 568,453 | 549,670 | -3.3 |
| Jun | 120,065 | 104,206 | -13.2 | 688,518 | 653,876 | -5.0 |
| Jul | 111,669 | 90,243 | -19.2 | 800,187 | 744,119 | -7.0 |
| Aug | 90,237 | 72,526 | -19.6 | 890,424 | 816,645 | -8.3 |
| Sep | 77,354 | 59,946 | -22.5 | 967,778 | 876,591 | -9.4 |
| Oct | 72,550 | 70,011 | -3.5 | 1,040,328 | 946,602 | -9.0 |
| Nov | 75,228 | 69,410 | -7.7 | 1,115,556 | 1,016,012 | -8.9 |
| Dec | 102,006 | | | 1,217,562 | | |
| Total Dry Whey² | | | | | | |
| Jan | 91,794 | 101,524 | 10.6 | 91,794 | 101,524 | 10.6 |
| Feb | 87,165 | 93,534 | 7.3 | 178,959 | 195,058 | 9.0 |
| Mar | 96,630 | 97,165 | 0.6 | 275,589 | 292,223 | 6.0 |
| Apr | 93,521 | 98,892 | 5.7 | 369,110 | 391,115 | 6.0 |
| May | 102,262 | 105,852 | 3.5 | 471,372 | 496,967 | 5.4 |
| Jun | 101,491 | 103,973 | 2.4 | 572,863 | 600,940 | 4.9 |
| Jul | 101,697 | 103,898 | 2.2 | 674,560 | 704,838 | 4.5 |
| Aug | 93,156 | 97,857 | 5.0 | 767,716 | 802,695 | 4.6 |
| Sep | 89,681 | 88,680 | -1.1 | 857,397 | 891,375 | 4.0 |
| Oct | 92,451 | 89,506 | -3.2 | 949,848 | 980,881 | 3.3 |
| Nov | 85,884 | 90,165 | 5.0 | 1,035,732 | 1,071,046 | 3.4 |
| Dec | 101,092 | | | 1,136,824 | | |

See footnotes at end of table.

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**Dairy Products: Production by Product and Month,
United States, 1997-98¹ (continued)**

| Product and Month | By Month | | | Cumulative | | |
|------------------------------|----------------------|----------------------|------------------|----------------------|----------------------|------------------|
| | 1997 | 1998 | Change From 1997 | 1997 | 1998 | Change From 1997 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> |
| Cream Cottage Cheese | | | | | | |
| Jan | 28,520 | 28,644 | 0.4 | 28,520 | 28,644 | 0.4 |
| Feb | 27,829 | 27,730 | -0.4 | 56,349 | 56,374 | |
| Mar | 30,153 | 31,225 | 3.6 | 86,502 | 87,599 | 1.3 |
| Apr | 29,807 | 30,304 | 1.7 | 116,309 | 117,903 | 1.4 |
| May | 31,538 | 30,691 | -2.7 | 147,847 | 148,594 | 0.5 |
| Jun | 29,863 | 30,823 | 3.2 | 177,710 | 179,417 | 1.0 |
| Jul | 32,223 | 33,996 | 5.5 | 209,933 | 213,413 | 1.7 |
| Aug | 32,038 | 31,810 | -0.7 | 241,971 | 245,223 | 1.3 |
| Sep | 31,408 | 32,506 | 3.5 | 273,379 | 277,729 | 1.6 |
| Oct | 31,097 | 30,079 | -3.3 | 304,476 | 307,808 | 1.1 |
| Nov | 27,514 | 28,234 | 2.6 | 331,990 | 336,042 | 1.2 |
| Dec | 27,535 | | | 359,525 | | |
| Lowfat Cottage Cheese | | | | | | |
| Jan | 27,080 | 28,203 | 4.1 | 27,080 | 28,203 | 4.1 |
| Feb | 26,950 | 27,658 | 2.6 | 54,030 | 55,861 | 3.4 |
| Mar | 30,313 | 30,524 | 0.7 | 84,343 | 86,385 | 2.4 |
| Apr | 28,680 | 30,316 | 5.7 | 113,023 | 116,701 | 3.3 |
| May | 30,663 | 30,514 | -0.5 | 143,686 | 147,215 | 2.5 |
| Jun | 28,527 | 30,106 | 5.5 | 172,213 | 177,321 | 3.0 |
| Jul | 30,930 | 32,226 | 4.2 | 203,143 | 209,547 | 3.2 |
| Aug | 29,798 | 29,665 | -0.4 | 232,941 | 239,212 | 2.7 |
| Sep | 31,217 | 32,643 | 4.6 | 264,158 | 271,855 | 2.9 |
| Oct | 30,246 | 29,490 | -2.5 | 294,404 | 301,345 | 2.4 |
| Nov | 26,668 | 27,807 | 4.3 | 321,072 | 329,152 | 2.5 |
| Dec | 25,615 | | | 346,687 | | |
| | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> |
| Ice Cream, Hard | | | | | | |
| Jan | 60,232 | 58,121 | -3.5 | 60,232 | 58,121 | -3.5 |
| Feb | 63,896 | 64,253 | 0.6 | 124,128 | 122,374 | -1.4 |
| Mar | 73,326 | 75,708 | 3.2 | 197,454 | 198,082 | 0.3 |
| Apr | 76,869 | 78,799 | 2.5 | 274,323 | 276,881 | 0.9 |
| May | 80,522 | 78,594 | -2.4 | 354,845 | 355,475 | 0.2 |
| Jun | 85,403 | 88,381 | 3.5 | 440,248 | 443,856 | 0.8 |
| Jul | 85,798 | 86,912 | 1.3 | 526,046 | 530,768 | 0.9 |
| Aug | 76,904 | 76,874 | | 602,950 | 607,642 | 0.8 |
| Sep | 68,001 | 72,733 | 7.0 | 670,951 | 680,375 | 1.4 |
| Oct | 66,889 | 64,880 | -3.0 | 737,840 | 745,255 | 1.0 |
| Nov | 54,114 | 51,881 | -4.1 | 791,954 | 797,136 | 0.7 |
| Dec | 53,945 | | | 845,899 | | |

See footnotes at end of table.

--continued

**Dairy Products: Production by Product and Month,
United States, 1997-98¹ (continued)**

| Product and Month | By Month | | | Cumulative | | |
|----------------------------|----------------------|----------------------|------------------|----------------------|----------------------|------------------|
| | 1997 | 1998 | Change From 1997 | 1997 | 1998 | Change From 1997 |
| | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> |
| Ice Cream, Lowfat | | | | | | |
| Jan | 25,831 | 21,724 | -15.9 | 25,831 | 21,724 | -15.9 |
| Feb | 27,672 | 23,821 | -13.9 | 53,503 | 45,545 | -14.9 |
| Mar | 34,691 | 29,277 | -15.6 | 88,194 | 74,822 | -15.2 |
| Apr | 33,008 | 32,044 | -2.9 | 121,202 | 106,866 | -11.8 |
| May | 37,492 | 35,908 | -4.2 | 158,694 | 142,774 | -10.0 |
| Jun | 40,387 | 38,534 | -4.6 | 199,081 | 181,308 | -8.9 |
| Jul | 40,893 | 42,867 | 4.8 | 239,974 | 224,175 | -6.6 |
| Aug | 37,695 | 40,188 | 6.6 | 277,669 | 264,363 | -4.8 |
| Sep | 31,520 | 35,476 | 12.6 | 309,189 | 299,839 | -3.0 |
| Oct | 29,329 | 25,815 | -12.0 | 338,518 | 325,654 | -3.8 |
| Nov | 23,470 | 22,112 | -5.8 | 361,988 | 347,766 | -3.9 |
| Dec | 23,603 | | | 385,591 | | |
| Ice Cream, NF, Hard | | | | | | |
| Jan | 2,293 | 2,857 | 24.6 | 2,293 | 2,857 | 24.6 |
| Feb | 2,594 | 2,661 | 2.6 | 4,887 | 5,518 | 12.9 |
| Mar | 2,934 | 3,139 | 7.0 | 7,821 | 8,657 | 10.7 |
| Apr | 3,121 | 3,038 | -2.7 | 10,942 | 11,695 | 6.9 |
| May | 3,289 | 3,005 | -8.6 | 14,231 | 14,700 | 3.3 |
| Jun | 3,996 | 3,290 | -17.7 | 18,227 | 17,990 | -1.3 |
| Jul | 4,698 | 2,899 | -38.3 | 22,925 | 20,889 | -8.9 |
| Aug | 3,107 | 2,986 | -3.9 | 26,032 | 23,875 | -8.3 |
| Sep | 3,003 | 2,682 | -10.7 | 29,035 | 26,557 | -8.5 |
| Oct | 2,708 | 2,466 | -8.9 | 31,743 | 29,023 | -8.6 |
| Nov | 2,191 | 2,268 | 3.5 | 33,934 | 31,291 | -7.8 |
| Dec | 2,181 | | | 36,115 | | |
| Sherbet, Hard | | | | | | |
| Jan | 3,463 | 3,459 | -0.1 | 3,463 | 3,459 | -0.1 |
| Feb | 3,730 | 3,589 | -3.8 | 7,193 | 7,048 | -2.0 |
| Mar | 4,296 | 4,368 | 1.7 | 11,489 | 11,416 | -0.6 |
| Apr | 4,581 | 4,587 | 0.1 | 16,070 | 16,003 | -0.4 |
| May | 5,482 | 4,445 | -18.9 | 21,552 | 20,448 | -5.1 |
| Jun | 5,161 | 5,265 | 2.0 | 26,713 | 25,713 | -3.7 |
| Jul | 5,280 | 5,270 | -0.2 | 31,993 | 30,983 | -3.2 |
| Aug | 4,553 | 4,946 | 8.6 | 36,546 | 35,929 | -1.7 |
| Sep | 3,826 | 4,024 | 5.2 | 40,372 | 39,953 | -1.0 |
| Oct | 3,516 | 3,458 | -1.6 | 43,888 | 43,411 | -1.1 |
| Nov | 2,954 | 3,050 | 3.2 | 46,842 | 46,461 | -0.8 |
| Dec | 3,094 | | | 49,936 | | |
| Frozen Yogurt | | | | | | |
| Jan | 5,119 | 5,897 | 15.2 | 5,119 | 5,897 | 15.2 |
| Feb | 7,928 | 6,366 | -19.7 | 13,047 | 12,263 | -6.0 |
| Mar | 9,362 | 7,353 | -21.5 | 22,409 | 19,616 | -12.5 |
| Apr | 8,899 | 8,278 | -7.0 | 31,308 | 27,894 | -10.9 |
| May | 8,865 | 8,012 | -9.6 | 40,173 | 35,906 | -10.6 |
| Jun | 9,331 | 8,406 | -9.9 | 49,504 | 44,312 | -10.5 |
| Jul | 10,112 | 8,327 | -17.7 | 59,616 | 52,639 | -11.7 |
| Aug | 8,216 | 7,846 | -4.5 | 67,832 | 60,485 | -10.8 |
| Sep | 8,131 | 8,919 | 9.7 | 75,963 | 69,404 | -8.6 |
| Oct | 6,598 | 7,015 | 6.3 | 82,561 | 76,419 | -7.4 |
| Nov | 5,151 | 6,100 | 18.4 | 87,712 | 82,519 | -5.9 |
| Dec | 4,685 | | | 92,397 | | |

¹ October 1998 data revised.

² Excludes all modified dry whey products.

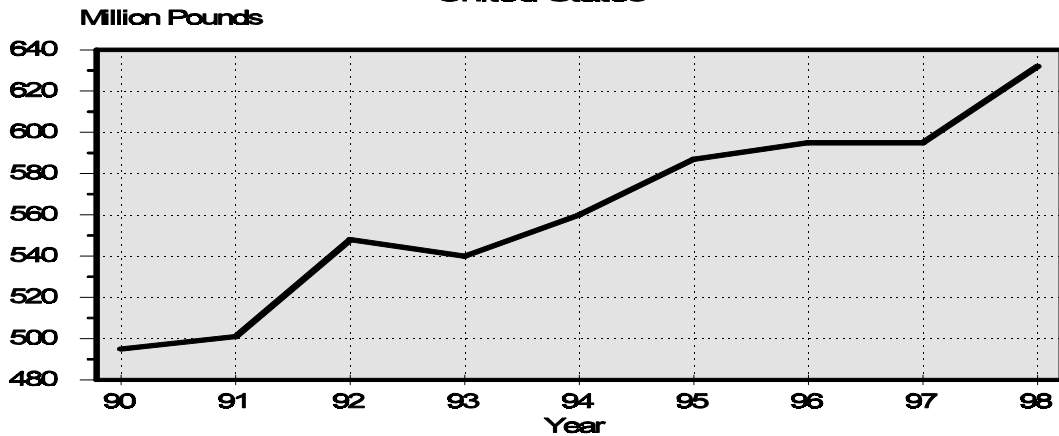
Total Cheese, Excluding Cottage Cheese: Production by State and United States, November 1997-98

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|-----------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 100,791 | 100,410 | 109,083 | 8.2 | 8.6 |
| ID | 42,631 | 45,270 | 45,770 | 7.4 | 1.1 |
| IL | 9,824 | 9,972 | 9,372 | -4.6 | -6.0 |
| IA | 18,868 | 20,200 | 18,920 | 0.3 | -6.3 |
| KS | 1,571 | | | | |
| MA | | 89 | 89 | | |
| MN | 45,807 | 45,310 | 47,507 | 3.7 | 4.8 |
| MO | 15,065 | 15,730 | 14,486 | -3.8 | -7.9 |
| NE | 8,119 | 9,818 | 8,294 | 2.2 | -15.5 |
| NJ | 3,870 | 3,501 | 3,681 | -4.9 | 5.1 |
| NM | 12,556 | 15,135 | 27,916 | 122.3 | 84.4 |
| NY | 52,019 | 53,986 | 52,242 | 0.4 | -3.2 |
| ND | 1,389 | 1,168 | 1,269 | -8.6 | 8.6 |
| OH | 8,215 | 9,711 | 9,284 | 13.0 | -4.4 |
| PA | 26,277 | 27,744 | 27,661 | 5.3 | -0.3 |
| SD | 10,868 | 11,653 | 11,235 | 3.4 | -3.6 |
| UT | 3,755 | 5,044 | 4,859 | 29.4 | -3.7 |
| VT | 7,816 | 10,214 | 8,521 | 9.0 | -16.6 |
| WA | 11,633 | 15,631 | 15,100 | 29.8 | -3.4 |
| WI | 174,674 | 181,635 | 177,876 | 1.8 | -2.1 |
| Oth Sts ² | 38,775 | 38,978 | 39,235 | | 0.7 |
| US | 594,523 | 621,199 | 632,400 | 6.4 | 1.8 |
| N Atlantic | 90,769 | 96,408 | 92,825 | 2.3 | -3.7 |
| S Atlantic | 2,188 | 3,493 | 2,905 | 32.8 | -16.8 |
| E N Central | 202,129 | 212,033 | 207,527 | 2.7 | -2.1 |
| W N Central | 101,687 | 103,929 | 101,761 | 0.1 | -2.1 |
| S Central | 6,597 | 3,369 | 3,721 | -43.6 | 10.4 |
| West | 191,153 | 201,967 | 223,661 | 17.0 | 10.7 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**November Total Cheese Production
United States**



American Cheese: Production by State and United States, November 1997-98

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 38,975 | 32,763 | 41,335 | 6.1 | 26.2 |
| ID | 36,812 | 39,995 | 40,696 | 10.6 | 1.8 |
| IA | 8,006 | 9,000 | 8,158 | 1.9 | -9.4 |
| KS | 1,571 | | | | |
| MN | 37,716 | 41,217 | 44,205 | 17.2 | 7.2 |
| NM | 4,768 | 1,744 | 4,015 | -15.8 | 130.2 |
| NY | 6,270 | 6,884 | 6,939 | 10.7 | 0.8 |
| ND | 1,389 | 1,168 | 1,269 | -8.6 | 8.6 |
| OH | 2,329 | 2,871 | 2,632 | 13.0 | -8.3 |
| SD | 3,862 | 4,989 | 4,774 | 23.6 | -4.3 |
| UT | 1,170 | 2,273 | 2,019 | 72.6 | -11.2 |
| WA | 6,946 | 10,956 | 10,561 | 52.0 | -3.6 |
| WI | 70,792 | 75,780 | 76,100 | 7.5 | 0.4 |
| Oth Sts ² | 27,934 | 24,910 | 24,939 | | 0.1 |
| US | 248,540 | 254,550 | 267,642 | 7.7 | 5.1 |
| Atlantic | 9,954 | 12,305 | 11,368 | 14.2 | -7.6 |
| E N Central | 74,336 | 80,362 | 80,395 | 8.2 | |
| W N Central | 55,717 | 59,374 | 61,488 | 10.4 | 3.6 |
| S Central | 6,283 | 3,040 | 3,382 | -46.2 | 11.3 |
| West | 102,250 | 99,469 | 111,009 | 8.6 | 11.6 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

Mozzarella Cheese: Production by State and United States, November 1997-98

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 45,450 | 51,185 | 49,494 | 8.9 | -3.3 |
| ID | 544 | 443 | 315 | -42.1 | -28.9 |
| NY | 15,748 | 18,014 | 17,299 | 9.8 | -4.0 |
| PA | 15,281 | 14,658 | 14,611 | -4.4 | -0.3 |
| VT | | 3,065 | 3,214 | | 4.9 |
| WI | 54,203 | 54,300 | 52,300 | -3.5 | -3.7 |
| Oth Sts ² | 50,715 | 57,713 | 66,310 | | 14.9 |
| US | 181,941 | 199,378 | 203,543 | 11.9 | 2.1 |
| Atlantic | 36,140 | 38,599 | 37,527 | 3.8 | -2.8 |
| E N Central | 63,974 | 64,797 | 62,815 | -1.8 | -3.1 |
| W N Central | 18,640 | 18,992 | 17,764 | -4.7 | -6.5 |
| West | 63,187 | 76,990 | 85,437 | 35.2 | 11.0 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

Butter: Production by State and United States, November 1997-98

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 23,806 | 20,570 | 18,808 | -21.0 | -8.6 |
| MN | 4,303 | 5,485 | 6,131 | 42.5 | 11.8 |
| NY | 1,863 | 1,692 | 1,485 | -20.3 | -12.2 |
| ND | 355 | 350 | 334 | -5.9 | -4.6 |
| OR | 1,825 | 2,350 | 2,300 | 26.0 | -2.1 |
| PA | 4,645 | 2,772 | 4,461 | -4.0 | 60.9 |
| TN | 2,396 | | | | |
| WA | 5,565 | 5,979 | 5,134 | -7.7 | -14.1 |
| WI | 27,459 | 22,000 | 26,700 | -2.8 | 21.4 |
| Oth Sts ² | 16,914 | 22,016 | 21,924 | 29.6 | -0.4 |
| US | 89,131 | 83,214 | 87,277 | | 4.9 |
| N Atlantic | 8,293 | 9,591 | 10,098 | 21.8 | 5.3 |
| S Atlantic | 1,603 | 1,073 | 1,813 | 13.1 | 69.0 |
| E N Central | 33,522 | 26,906 | 32,330 | -3.6 | 20.2 |
| W N Central | 8,993 | 10,223 | 11,006 | 22.4 | 7.7 |
| S Central | 4,720 | 5,415 | 4,407 | -6.6 | -18.6 |
| West | 32,000 | 30,006 | 27,623 | -13.7 | -7.9 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**Nonfat Dry Milk, Human: Production by State
and United States, November 1997-98**

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 44,032 | 41,544 | 39,468 | -10.4 | -5.0 |
| IA | 2,462 | 2,717 | 3,465 | 40.7 | 27.5 |
| MN & WI | 907 | 1,201 | 1,584 | 74.6 | 31.9 |
| NM | 361 | | | | |
| WA | 9,594 | 10,579 | 9,684 | 0.9 | -8.5 |
| Oth Sts ² | 17,872 | 13,970 | 15,209 | | 8.9 |
| US | 75,228 | 70,011 | 69,410 | -7.7 | -0.9 |
| Atlantic | 10,362 | 7,613 | 7,943 | -23.3 | 4.3 |
| E N Central | 2,771 | 405 | 1,672 | -39.7 | 312.8 |
| W N Central | 4,275 | 5,125 | 5,838 | 36.6 | 13.9 |
| West | 57,470 | 56,868 | 53,825 | -6.3 | -5.4 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**Dry Whey, Human: Production by State
and United States, November 1997-98**

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 9,548 | 9,500 | 9,516 | -0.3 | 0.2 |
| MN | 7,438 | 6,322 | 6,257 | -15.9 | -1.0 |
| NY | 8,418 | 9,236 | 8,830 | 4.9 | -4.4 |
| PA | 7,061 | | | | |
| UT | 1,391 | 949 | 1,673 | 20.3 | 76.3 |
| WA | 5,460 | 7,013 | 8,502 | 55.7 | 21.2 |
| WI | 21,528 | 22,333 | 21,500 | -0.1 | -3.7 |
| Oth Sts ² | 21,524 | 27,109 | 26,799 | | -1.1 |
| US | 82,368 | 82,462 | 83,077 | 0.9 | 0.7 |
| Atlantic | 16,408 | 16,223 | 16,233 | -1.1 | 0.1 |
| N Central | 37,609 | 37,478 | 36,301 | -3.5 | -3.1 |
| West | 26,814 | 28,761 | 30,543 | 13.9 | 6.2 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**Lactose: Production by State and
United States, November 1997-98**

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| MN | 7,749 | 6,638 | 7,554 | -2.5 | 13.8 |
| WI | 7,735 | 7,446 | 7,084 | -8.4 | -4.9 |
| Oth Sts ² | 15,099 | 22,129 | 23,155 | 53.4 | 4.6 |
| US | 30,583 | 36,213 | 37,793 | 23.6 | 4.4 |
| E N Central | 7,735 | 8,463 | 8,207 | 6.1 | -3.0 |
| W N Central | 12,583 | 12,084 | 12,708 | 1.0 | 5.2 |
| West | 8,681 | 13,045 | 14,958 | 72.3 | 14.7 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**Whey Protein Concentrate, Human: Production by State
and United States, November 1997-98**

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|---------------------|--------------------------|---------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| CA | 4,636 | 5,448 | 5,408 | 16.7 | -0.7 |
| MN | 4,202 | 4,522 | 4,415 | 5.1 | -2.4 |
| WI | 2,244 | 2,205 | 1,999 | -10.9 | -9.3 |
| Oth Sts ² | 7,267 | 8,941 | 8,574 | 18.0 | -4.1 |
| US | 18,349 | 21,116 | 20,396 | 11.2 | -3.4 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

Ice Cream, Hard: Production by State and United States, November 1997-98

| State | Nov 1997 | Oct ¹ 1998 | Nov 1998 | Change From | |
|----------------------|----------------------|--------------------------|----------------------|----------------|----------------|
| | | | | Nov 1997 | Oct 1998 |
| | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>1,000 Gallons</i> | <i>Percent</i> | <i>Percent</i> |
| AZ | | 247 | 369 | | 49.4 |
| AR | 210 | 280 | 280 | 33.3 | |
| CA | 6,416 | 7,412 | 6,290 | -2.0 | -15.1 |
| FL | 1,786 | 1,900 | 2,100 | 17.6 | 10.5 |
| GA | 465 | 615 | 595 | 28.0 | -3.3 |
| ID | | 318 | 379 | | 19.2 |
| IL | 2,354 | 2,881 | 2,230 | -5.3 | -22.6 |
| IN | 4,895 | 4,688 | 4,800 | -1.9 | 2.4 |
| KS | 186 | 224 | 90 | -51.6 | -59.8 |
| KY | 215 | 492 | 372 | 73.0 | -24.4 |
| ME | 95 | 108 | 46 | -51.6 | -57.4 |
| MD | 1,187 | 1,483 | 1,122 | -5.5 | -24.3 |
| MA | 2,909 | 2,844 | 2,230 | -23.3 | -21.6 |
| MI | 2,030 | 1,400 | 900 | -55.7 | -35.7 |
| MN | 3,026 | 3,409 | 2,618 | -13.5 | -23.2 |
| MO | 889 | 1,116 | 811 | -8.8 | -27.3 |
| NM | 420 | 401 | 401 | -4.5 | |
| NY | 1,715 | 2,200 | 1,600 | -6.7 | -27.3 |
| NC | 1,142 | 1,546 | 1,092 | -4.4 | -29.4 |
| ND | 62 | 90 | 81 | 30.6 | -10.0 |
| OH | 2,671 | 2,800 | 2,300 | -13.9 | -17.9 |
| OR | 689 | 800 | 720 | 4.5 | -10.0 |
| PA | 3,002 | 3,644 | 2,835 | -5.6 | -22.2 |
| SD | 2 | 2 | 2 | | |
| TN | 875 | 1,255 | 875 | | -30.3 |
| TX | 2,885 | 4,265 | 3,575 | 23.9 | -16.2 |
| UT | 691 | 781 | 877 | 26.9 | 12.3 |
| VT | 805 | 1,230 | 892 | 10.8 | -27.5 |
| WA | 1,323 | 1,064 | 1,010 | -23.7 | -5.1 |
| WI | | 645 | 520 | | -19.4 |
| Oth Sts ² | 11,169 | 14,740 | 9,869 | | -33.0 |
| US | 54,114 | 64,880 | 51,881 | -4.1 | -20.0 |
| N Atlantic | 10,851 | 12,800 | 9,034 | -16.7 | -29.4 |
| S Atlantic | 5,852 | 7,804 | 6,205 | 6.0 | -20.5 |
| E N Central | 12,413 | 12,414 | 10,750 | -13.4 | -13.4 |
| W N Central | 7,613 | 10,223 | 7,657 | 0.6 | -25.1 |
| S Central | 5,278 | 8,094 | 6,596 | 25.0 | -18.5 |
| West | 12,107 | 13,545 | 11,639 | -3.9 | -14.1 |

¹ Revised.

² States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable states are included in the calculation.

**Canned Milk and Dry Milk Products: Manufacturers' shipments,
Stocks, and Selling Prices, November, 1997-98**

| Product | Nov 1997 | Oct 1998 ¹ | Nov 1998 | Change From | |
|--|------------------------|--------------------------|------------------------|---------------------|---------------------|
| | | | | Nov 1997 | Oct 1998 |
| Manufacturers' Shipments ² | | | | | |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| Dry Whole Milk | 7,662 | 10,883 | 8,464 | 10.5 | -22.2 |
| Nonfat Dry Milk, Human | 77,335 | 73,014 | 65,369 | -15.5 | -10.5 |
| Dry Skim Milk, Animal | 379 | 288 | 276 | -27.2 | -4.2 |
| Dry Buttermilk, Human | 3,220 | 2,212 | 1,998 | -38.0 | -9.7 |
| Manufacturers' Stocks End-of-Month ³ | | | | | |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>Percent</i> | <i>Percent</i> |
| Canned Evaporated and Condensed Whole Milk | 28,875 | 49,955 | 42,080 | 45.7 | -15.8 |
| Dry Whole Milk | 3,968 | 5,082 | 6,072 | 53.0 | 19.5 |
| Nonfat Dry Milk, Human | 100,615 | 45,857 | 43,728 | -56.5 | -4.6 |
| Dry Skim Milk, Animal | 970 | 1,207 | 1,022 | 5.4 | -15.3 |
| Dry Buttermilk, Total | 3,205 | 2,783 | 3,350 | 4.5 | 20.4 |
| Manufacturers' Selling Price ⁴ | | | | | |
| | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents per Pound</i> | <i>Cents Change</i> | <i>Cents Change</i> |
| Dry Whole Milk | 118.90 | 136.98 | 149.44 | 30.54 | 12.46 |
| Nonfat Dry Milk, Human | 105.49 | 110.52 | 111.48 | 5.99 | 0.96 |
| Dry Skim Milk, Animal | 62.81 | 62.81 | 61.61 | -1.20 | -1.20 |
| Dry Buttermilk, Human | 99.35 | 106.80 | 109.11 | 9.76 | 2.31 |

¹ Revised.

² For dry products, shipments of bulk goods only.

³ Stocks held by manufacturers at all points and in transit.

⁴ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms, weighted by shipments of each firm.

Procedures and Reliability: Estimates included in this report are based on data provided each month by manufacturers of these products. In 32 States, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1,384 manufacturers that made one or more products in 1997. Each month, reports are generally received from all dairy plants in States with small numbers of plants. In States with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. Monthly estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

Revision Policy: Monthly production estimates are subject to revision the month following the preliminary estimates. Annual revisions are also published in the **Dairy Products** report published each April. In preparing the annual report, an attempt is made to get information from all plants.

The next "Dairy Products" report will be released at 3 p.m. ET on February 5, 1999.

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