

DAIRY

Milk is New York's leading agricultural product

MILK PRODUCTION HIGHLIGHTS

Pasture conditions were below average from July through September due to the hot dry weather which also stressed the cows. As a result, dairy operations began supplemental feeding as early as August, increasing feed costs. However, the weather during the rest of the year was fairly temperate which allowed for increased milk production for the entire year.

New York continues to rank third in the Nation for milk production with 12.2 billion pounds produced, 7 percent of the nations total production. The 2002 production was 4 percent more than the 11.8 billion produced in 2001. New York followed California and Wisconsin as the leading milk production states. Pennsylvania, Ohio and Vermont ranked fourth, eleventh and fourteenth respectively.

The average number of milk cows in New York during 2002 totaled 678,000 head, also the third highest number in the nation. This was 6,000 more than the 2001 average, but 8,000 less than in 2000. New York farms have more than 7 percent of all milk cows in the nation.

Annual output per cow averaged a record 18,019 pounds on New York farms, up 3 percent from previous record 17,530 pounds in 2001 and 4 percent more than the 17,378 pound average in 2000. This average rate is 3 percent less than the U.S. average of 18,571 for 2002.

Cash receipts from the sale of milk in New York during 2002 totaled \$1.56 billion, down 16 percent from the previous year and the lowest since 1997. The \$12.80 per hundred-weight received for all milk sold by New York farmers was \$3.00 less than the amount received in 2001 and the lowest since \$12.70 received in 1991.

DAIRY PRODUCTS

There were 122 plants producing one or more dairy products during 2002 in New York, 11 percent of the total plants in the Nation. Cheese production, excluding cottage cheese, totaled 717 million pounds in 2002, up 2

percent from the previous year but 2 percent below the record high 728 million pounds set in 2000. New York ranks third in cheese production excluding cottage cheese, accounting for eight percent of the Nations total production.

Italian cheese of 414 million pounds, which accounted for 58 percent of New York's total cheese output, increased 2 percent in 2002. New York ranks third in the Nation in production of Italian cheese with 12 percent of the Nation's total. The increase was the result of 14 percent increase in Ricotta cheese to 140 million pounds. The production of mozzarella cheese decreased 16 percent to 204 million pounds. American-type cheese output was down 6 percent to 93 million pounds. New York accounts for less than 3 percent of the United States total.

New York continues to lead the nation in the production of all three cottage cheese categories. Creamed cottage cheese production increased 3 percent from 2001, while cottage cheese curd was also up 1 percent and low-fat cottage cheese was down slightly. New York accounts for 24 percent of all low-fat cottage cheese produced in 2002. Butter production rose 8 percent to 28 million pounds, while Statewide yogurt production totaled 249 million pounds, down 2 percent from the previous year. New York production of standard ice cream totaled 36.4 million pounds down 3 percent from 2001, and low-fat ice cream (*formerly ice milk*) decreased 27 percent. Production of milk sherbet declined 1 percent, while water ices production was down 5 percent.

Table 32. **MILK COW OPERATIONS:** By Herd Size, New York, 1993-2002

| Year | Number of milk cows in herd | | | | | |
|------|-----------------------------|-------|-------|---------|----------|--------|
| | 1-29 | 30-49 | 50-99 | 100-199 | 200 plus | Total |
| | <i>Number of operations</i> | | | | | |
| 1993 | 2,400 | 2,500 | 4,200 | 1,500 | 400 | 11,000 |
| 1994 | 2,400 | 2,200 | 4,200 | 1,500 | 400 | 10,700 |
| 1995 | 2,100 | 2,200 | 4,000 | 1,300 | 400 | 10,000 |
| 1996 | 1,800 | 2,000 | 3,700 | 1,300 | 400 | 9,200 |
| 1997 | 1,700 | 1,900 | 3,600 | 1,300 | 500 | 9,000 |
| 1998 | 1,600 | 1,800 | 3,500 | 1,300 | 500 | 8,700 |
| 1999 | 1,400 | 1,600 | 3,200 | 1,400 | 600 | 8,200 |
| 2000 | 1,400 | 1,500 | 3,000 | 1,400 | 600 | 7,900 |
| 2001 | 1,300 | 1,200 | 2,800 | 1,300 | 600 | 7,200 |
| 2002 | 1,200 | 1,250 | 2,800 | 1,200 | 650 | 7,100 |

Table 33. **MILK COWS JANUARY 1:** Percent by Size of Operation, New York, 1993-2002

| Year | 1-29 | 30-49 | 50-99 | 100-199 | 200 plus |
|------|----------------|-------|-------|---------|----------|
| | <i>Percent</i> | | | | |
| 1993 | 3.0 | 14.0 | 39.0 | 26.0 | 18.0 |
| 1994 | 3.0 | 12.0 | 41.0 | 26.0 | 18.0 |
| 1995 | 3.0 | 13.0 | 39.0 | 25.0 | 20.0 |
| 1996 | 2.7 | 11.3 | 37.0 | 27.0 | 22.0 |
| 1997 | 2.5 | 10.5 | 35.0 | 27.0 | 25.0 |
| 1998 | 2.5 | 10.5 | 34.0 | 26.0 | 27.0 |
| 1999 | 2.0 | 10.0 | 31.0 | 27.0 | 30.0 |
| 2000 | 2.0 | 9.0 | 29.0 | 28.0 | 32.0 |
| 2001 | 2.0 | 8.0 | 29.0 | 27.0 | 34.0 |
| 2002 | 2.0 | 7.5 | 28.0 | 24.5 | 38.0 |

Table 34. **MILK:** Cows and Production, by Months, New York, 1993 to Date

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MILK COWS ON FARMS (<i>Thousands</i>) | | | | | | | | | | | | |
| 1993 | 730 | 730 | 731 | 729 | 727 | 725 | 724 | 725 | 726 | 727 | 726 | 725 |
| 1994 | 724 | 722 | 725 | 724 | 722 | 718 | 715 | 716 | 715 | 713 | 712 | 711 |
| 1995 | 708 | 707 | 707 | 705 | 704 | 702 | 700 | 700 | 702 | 702 | 702 | 702 |
| 1996 | 700 | 700 | 700 | 700 | 703 | 704 | 703 | 703 | 703 | 703 | 700 | 700 |
| 1997 | 700 | 700 | 700 | 698 | 698 | 698 | 698 | 698 | 697 | 699 | 699 | 700 |
| 1998 | 700 | 698 | 697 | 700 | 701 | 701 | 700 | 701 | 702 | 702 | 702 | 702 |
| 1999 | 702 | 702 | 700 | 700 | 702 | 702 | 702 | 702 | 702 | 700 | 700 | 700 |
| 2000 | 700 | 700 | 698 | 695 | 690 | 688 | 685 | 682 | 678 | 674 | 673 | 670 |
| 2001 | 670 | 670 | 670 | 670 | 670 | 673 | 673 | 673 | 673 | 673 | 674 | 675 |
| 2002 | 675 | 672 | 675 | 680 | 682 | 682 | 680 | 676 | 675 | 676 | 678 | 680 |
| 2003 | 680 | 682 | 685 | 684 | 682 | | | | | | | |
| MILK PRODUCTION PER COW (<i>Pounds</i>) | | | | | | | | | | | | |
| 1993 | 1,320 | 1,195 | 1,345 | 1,340 | 1,415 | 1,375 | 1,350 | 1,310 | 1,260 | 1,270 | 1,225 | 1,295 |
| 1994 | 1,315 | 1,195 | 1,370 | 1,360 | 1,425 | 1,375 | 1,350 | 1,325 | 1,280 | 1,305 | 1,250 | 1,325 |
| 1995 | 1,360 | 1,250 | 1,420 | 1,390 | 1,460 | 1,420 | 1,410 | 1,390 | 1,345 | 1,365 | 1,310 | 1,370 |
| 1996 | 1,400 | 1,340 | 1,460 | 1,420 | 1,445 | 1,385 | 1,380 | 1,355 | 1,290 | 1,320 | 1,270 | 1,340 |
| 1997 | 1,370 | 1,260 | 1,420 | 1,400 | 1,465 | 1,435 | 1,425 | 1,400 | 1,330 | 1,345 | 1,290 | 1,360 |
| 1998 | 1,380 | 1,280 | 1,440 | 1,420 | 1,490 | 1,430 | 1,450 | 1,420 | 1,350 | 1,375 | 1,330 | 1,410 |
| 1999 | 1,430 | 1,320 | 1,480 | 1,460 | 1,530 | 1,460 | 1,460 | 1,465 | 1,390 | 1,420 | 1,370 | 1,445 |
| 2000 | 1,460 | 1,380 | 1,510 | 1,470 | 1,530 | 1,460 | 1,490 | 1,470 | 1,400 | 1,430 | 1,360 | 1,410 |
| 2001 | 1,460 | 1,315 | 1,480 | 1,450 | 1,540 | 1,485 | 1,510 | 1,470 | 1,425 | 1,460 | 1,425 | 1,510 |
| 2002 | 1,530 | 1,405 | 1,565 | 1,520 | 1,600 | 1,530 | 1,535 | 1,505 | 1,455 | 1,485 | 1,410 | 1,490 |
| 2003 | 1,505 | 1,390 | 1,530 | 1,495 | 1,570 | | | | | | | |
| TOTAL MILK PRODUCTION (<i>Million pounds</i>) | | | | | | | | | | | | |
| 1993 | 964 | 872 | 983 | 977 | 1,029 | 997 | 977 | 950 | 915 | 923 | 889 | 939 |
| 1994 | 952 | 863 | 993 | 985 | 1,029 | 987 | 965 | 949 | 915 | 930 | 890 | 942 |
| 1995 | 963 | 884 | 1,004 | 980 | 1,028 | 997 | 987 | 973 | 944 | 958 | 920 | 962 |
| 1996 | 980 | 938 | 1,022 | 994 | 1,016 | 975 | 970 | 953 | 907 | 928 | 889 | 938 |
| 1997 | 959 | 882 | 994 | 977 | 1,023 | 1,002 | 995 | 977 | 927 | 940 | 902 | 952 |
| 1998 | 966 | 893 | 1,004 | 994 | 1,044 | 1,002 | 1,015 | 995 | 948 | 965 | 934 | 990 |
| 1999 | 1,004 | 927 | 1,036 | 1,022 | 1,074 | 1,025 | 1,025 | 1,028 | 976 | 994 | 959 | 1,012 |
| 2000 | 1,022 | 966 | 1,054 | 1,022 | 1,056 | 1,004 | 1,021 | 1,003 | 949 | 964 | 915 | 945 |
| 2001 | 978 | 881 | 992 | 972 | 1,032 | 999 | 1,016 | 989 | 959 | 983 | 960 | 1,019 |
| 2002 | 1,033 | 944 | 1,056 | 1,034 | 1,091 | 1,043 | 1,044 | 1,017 | 982 | 1,004 | 956 | 1,013 |
| 2003 | 1,023 | 948 | 1,048 | 1,023 | 1,071 | | | | | | | |

Table 35. **MILK:** Production, Disposition, and Income, New York, 1993-2002

| Year | Milk cows 1/ | Milk per cow | Total milk production | Disposition of Milk Produced | | | | Prices received 2/ | Gross income 3/ | Value of milk produced 4/ |
|------|-------------------|--------------|-----------------------|------------------------------|--|-----------------|-----------------------|-----------------------|--------------------|------------------------------|
| | | | | Fed to calves | Consumed as fluid milk, cream and butter | Sold wholesale | Retailed by producers | | | |
| | <u>1,000 head</u> | <u>Lbs.</u> | <u>Mil. lb.</u> | <u>Mil. lb.</u> | <u>Mil. lb.</u> | <u>Mil. lb.</u> | <u>Mil. lb.</u> | <u>Dollars</u> | <u>Mil. dol.</u> | <u>Mil. dol.</u> |
| 1993 | 727 | 15,702 | 11,415 | 143 | 48 | 11,196 | 28 | 13.00 | 1,469.8 | 1,488.5 |
| 1994 | 718 | 15,877 | 11,400 | 137 | 46 | 11,193 | 24 | 13.30 | 1,501.8 | 1,520.1 |
| 1995 | 703 | 16,501 | 11,600 | 135 | 40 | 11,410 | 15 | 13.00 | 1,492.9 | 1,510.5 |
| 1996 | 702 | 16,396 | 11,510 | 145 | 33 | 11,320 | 12 | 14.90 | 1,695.3 | 1,717.0 |
| 1997 | 699 | 16,495 | 11,530 | 130 | 25 | 11,363 | 12 | 13.40 | 1,529.5 | 1,547.0 |
| 1998 | 701 | 16,762 | 11,750 | 130 | 17 | 11,591 | 12 | 15.40 | 1,789.5 | 1,809.5 |
| 1999 | 701 | 17,235 | 12,082 | 130 | 13 | 11,928 | 11 | 14.60 | 1,745.0 | 1,764.0 |
| 2000 | 686 | 17,378 | 11,921 | 125 | 10 | 11,776 | 10 | 13.10 | 1,545.3 | 1,561.7 |
| 2001 | 672 | 17,530 | 11,780 | 80 | 5 | 11,685 | 10 | 15.80 | 1,848.6 | 1,861.2 |
| 2002 | 678 | 18,019 | 12,217 | 61 | 2 | 12,145 | 9 | 12.80 | 1,556.0 | 1,563.8 |

1/ Average number on farms during the year. 2/ Prices received for all milk sold wholesale per cwt.

3/ Includes value of milk used for home consumption. 4/ Includes value of milk fed to calves.

ANNUAL MILK PRODUCTION PER COW

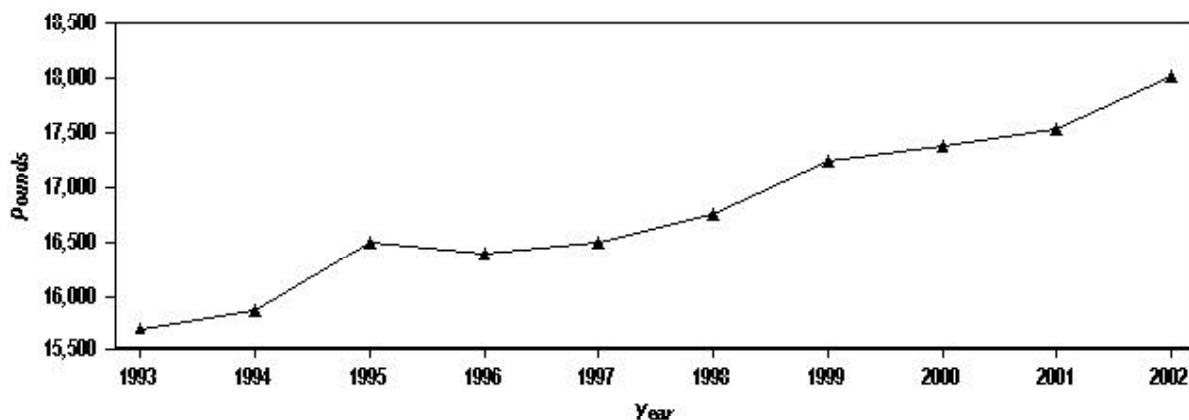


Table 36. **MILKFAT:** Average Test of Milk Sold by Dairy Farmers, by Months, New York, 1993 to Date

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. |
|------|----------------|------|------|------|------|------|------|------|-------|------|------|------|------|
| | <u>Percent</u> | | | | | | | | | | | | |
| 1993 | 3.72 | 3.74 | 3.75 | 3.69 | 3.62 | 3.54 | 3.48 | 3.52 | 3.59 | 3.74 | 3.73 | 3.76 | 3.65 |
| 1994 | 3.77 | 3.74 | 3.72 | 3.69 | 3.66 | 3.53 | 3.50 | 3.52 | 3.62 | 3.70 | 3.72 | 3.73 | 3.66 |
| 1995 | 3.69 | 3.71 | 3.69 | 3.68 | 3.62 | 3.52 | 3.48 | 3.47 | 3.61 | 3.71 | 3.80 | 3.79 | 3.65 |
| 1996 | 3.78 | 3.75 | 3.76 | 3.73 | 3.69 | 3.58 | 3.58 | 3.58 | 3.62 | 3.75 | 3.79 | 3.76 | 3.70 |
| 1997 | 3.74 | 3.72 | 3.72 | 3.70 | 3.67 | 3.56 | 3.52 | 3.55 | 3.63 | 3.73 | 3.80 | 3.78 | 3.67 |
| 1998 | 3.73 | 3.73 | 3.74 | 3.69 | 3.62 | 3.57 | 3.52 | 3.53 | 3.59 | 3.72 | 3.80 | 3.75 | 3.66 |
| 1999 | 3.77 | 3.73 | 3.73 | 3.68 | 3.63 | 3.53 | 3.49 | 3.53 | 3.59 | 3.73 | 3.77 | 3.77 | 3.66 |
| 2000 | 3.76 | 3.75 | 3.74 | 3.70 | 3.69 | 3.59 | 3.56 | 3.58 | 3.62 | 3.69 | 3.75 | 3.78 | 3.68 |
| 2001 | 3.74 | 3.72 | 3.72 | 3.69 | 3.61 | 3.56 | 3.53 | 3.52 | 3.60 | 3.69 | 3.73 | 3.71 | 3.65 |
| 2002 | 3.73 | 3.72 | 3.73 | 3.71 | 3.67 | 3.60 | 3.54 | 3.54 | 3.60 | 3.70 | 3.78 | 3.76 | 3.67 |
| 2003 | 3.80 | 3.80 | 3.75 | 3.71 | | | | | | | | | |

Table 37. **CHEESE:** Production, by Months, New York, 1993-2002

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| TOTAL AMERICAN (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 7,910 | 7,256 | 8,561 | 9,169 | 9,859 | 9,224 | 8,014 | 8,252 | 7,737 | 7,876 | 7,657 | 8,973 | 100,488 |
| 1994 | 8,505 | 7,511 | 8,285 | 8,726 | 9,044 | 9,400 | 8,364 | 7,441 | 6,012 | 6,481 | 5,914 | 7,200 | 92,883 |
| 1995 | 7,698 | 6,924 | 7,423 | 7,308 | 7,588 | 7,341 | 6,795 | 6,356 | 6,238 | 6,124 | 6,561 | 7,545 | 83,901 |
| 1996 | 7,670 | 7,164 | 7,995 | 8,226 | 8,895 | 7,965 | 7,305 | 6,945 | 6,354 | 6,883 | 5,611 | 7,020 | 88,033 |
| 1997 | 8,106 | 8,051 | 8,327 | 8,480 | 9,089 | 8,808 | 8,338 | 7,057 | 6,496 | 7,051 | 6,270 | 7,315 | 93,388 |
| 1998 | 7,669 | 7,037 | 7,724 | 8,049 | 8,920 | 8,475 | 7,861 | 6,805 | 6,244 | 6,858 | 6,959 | 8,161 | 90,762 |
| 1999 | 8,600 | 7,954 | 9,065 | 9,053 | 9,573 | 9,021 | 8,364 | 7,490 | 5,962 | 7,238 | 7,928 | 8,210 | 98,458 |
| 2000 | 9,193 | 8,808 | 9,406 | 9,088 | 9,633 | 9,369 | 9,151 | 7,355 | 5,867 | 5,600 | 5,585 | 6,825 | 95,880 |
| 2001 | 7,487 | 7,500 | 7,526 | 8,826 | 9,458 | 9,802 | 9,745 | 7,648 | 7,705 | 7,382 | 6,617 | 8,780 | 98,476 |
| 2002 | 9,210 | 8,924 | 9,120 | 8,996 | 9,960 | 8,189 | 8,109 | 7,013 | 5,372 | 4,799 | 5,467 | 7,550 | 92,709 |
| TOTAL ITALIAN (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 21,791 | 20,938 | 25,183 | 23,273 | 22,127 | 21,988 | 22,020 | 21,116 | 22,327 | 23,592 | 24,230 | 23,710 | 272,295 |
| 1994 | 24,054 | 22,207 | 27,755 | 23,930 | 24,061 | 22,516 | 20,736 | 24,289 | 25,444 | 26,470 | 26,510 | 26,961 | 294,933 |
| 1995 | 25,110 | 22,946 | 26,911 | 24,555 | 26,027 | 24,719 | 23,124 | 24,018 | 25,925 | 26,055 | 26,521 | 27,215 | 303,126 |
| 1996 | 25,903 | 25,578 | 29,818 | 27,818 | 26,964 | 25,112 | 25,125 | 26,146 | 25,487 | 28,033 | 27,088 | 28,865 | 321,937 |
| 1997 | 28,894 | 25,433 | 31,207 | 28,228 | 29,157 | 26,083 | 26,031 | 27,472 | 28,313 | 29,395 | 28,829 | 31,747 | 340,789 |
| 1998 | 29,895 | 26,751 | 29,638 | 30,134 | 30,297 | 29,192 | 27,083 | 27,992 | 28,565 | 31,553 | 32,081 | 32,547 | 355,728 |
| 1999 | 30,559 | 28,993 | 35,897 | 33,343 | 33,345 | 32,120 | 32,202 | 32,989 | 33,661 | 35,973 | 36,110 | 36,840 | 402,032 |
| 2000 | 40,308 | 31,889 | 37,630 | 35,496 | 34,432 | 32,515 | 31,695 | 35,068 | 33,396 | 33,867 | 35,435 | 34,656 | 416,387 |
| 2001 | 36,001 | 31,076 | 37,775 | 34,723 | 33,600 | 31,271 | 31,430 | 33,464 | 30,376 | 33,604 | 35,475 | 35,860 | 404,655 |
| 2002 | 36,353 | 32,550 | 37,556 | 32,780 | 34,676 | 31,290 | 32,315 | 32,391 | 32,706 | 37,691 | 36,756 | 37,116 | 414,180 |
| TOTAL CHEESE EXCLUDING COTTAGE (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 40,346 | 40,817 | 48,931 | 46,263 | 43,401 | 43,217 | 43,072 | 42,305 | 44,928 | 49,483 | 48,479 | 46,425 | 537,667 |
| 1994 | 45,193 | 42,369 | 52,195 | 46,141 | 44,330 | 45,559 | 41,659 | 48,234 | 47,452 | 49,984 | 48,150 | 48,280 | 559,636 |
| 1995 | 45,831 | 42,392 | 50,604 | 43,303 | 49,181 | 46,444 | 41,602 | 45,101 | 45,929 | 47,991 | 49,495 | 49,126 | 556,999 |
| 1996 | 45,674 | 45,113 | 52,407 | 49,637 | 51,179 | 48,360 | 45,601 | 47,567 | 45,178 | 53,339 | 48,628 | 51,006 | 583,689 |
| 1997 | 50,249 | 46,135 | 55,645 | 49,604 | 53,874 | 50,991 | 47,713 | 48,152 | 53,297 | 55,548 | 52,019 | 53,462 | 616,689 |
| 1998 | 51,793 | 45,686 | 53,940 | 56,349 | 54,589 | 54,630 | 48,638 | 49,952 | 52,377 | 54,235 | 52,407 | 56,269 | 630,865 |
| 1999 | 53,630 | 51,221 | 59,313 | 56,541 | 56,174 | 58,336 | 55,877 | 54,693 | 54,628 | 59,653 | 59,763 | 62,450 | 682,279 |
| 2000 | 64,757 | 53,010 | 65,247 | 61,313 | 62,508 | 59,406 | 58,627 | 63,698 | 56,759 | 61,915 | 65,303 | 55,762 | 728,305 |
| 2001 | 56,263 | 52,076 | 62,067 | 57,027 | 60,669 | 55,852 | 59,457 | 58,916 | 54,356 | 63,009 | 65,240 | 57,820 | 702,752 |
| 2002 | 59,244 | 55,558 | 64,112 | 57,851 | 59,069 | 57,422 | 55,464 | 57,320 | 58,206 | 61,527 | 67,556 | 63,493 | 716,822 |
| CREAMED COTTAGE CHEESE (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 4,456 | 4,074 | 4,738 | 4,303 | 4,792 | 4,336 | 4,815 | 4,778 | 4,225 | 4,073 | 4,006 | 4,070 | 52,666 |
| 1994 | 3,896 | 3,829 | 4,521 | 4,616 | 5,144 | 4,922 | 5,293 | 5,187 | 4,644 | 4,392 | 4,401 | 4,526 | 55,371 |
| 1995 | 4,707 | 4,355 | 4,547 | 4,513 | 4,919 | 4,780 | 4,696 | 4,920 | 4,216 | 3,791 | 4,137 | 3,801 | 53,382 |
| 1996 | 3,906 | 4,220 | 4,525 | 4,139 | 4,529 | 4,465 | 4,803 | 4,897 | 4,361 | 4,320 | 4,228 | 4,010 | 52,403 |
| 1997 | 4,305 | 4,176 | 4,547 | 4,490 | 4,980 | 4,622 | 5,020 | 4,939 | 4,878 | 4,782 | 4,317 | 4,131 | 55,187 |
| 1998 | 4,430 | 4,298 | 4,914 | 4,639 | 4,619 | 4,868 | 5,057 | 4,624 | 4,884 | 4,484 | 4,111 | 4,432 | 55,360 |
| 1999 | 4,158 | 4,365 | 5,073 | 5,003 | 5,185 | 5,505 | 5,391 | 5,598 | 5,009 | 4,579 | 4,647 | 4,427 | 58,940 |
| 2000 | 4,415 | 5,068 | 5,176 | 4,926 | 5,264 | 4,920 | 4,923 | 4,893 | 4,911 | 4,809 | 4,514 | 4,441 | 58,260 |
| 2001 | 4,800 | 4,304 | 5,310 | 4,774 | 5,453 | 4,996 | 5,225 | 5,642 | 4,657 | 5,093 | 4,410 | 4,148 | 58,812 |
| 2002 | 4,283 | 4,596 | 5,035 | 5,213 | 5,572 | 5,010 | 5,577 | 5,675 | 4,980 | 5,083 | 4,577 | 4,927 | 60,528 |
| LOWFAT COTTAGE CHEESE (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 7,365 | 6,172 | 7,680 | 6,664 | 6,277 | 6,743 | 6,252 | 6,199 | 6,022 | 5,162 | 5,162 | 5,017 | 74,715 |
| 1994 | 5,573 | 5,924 | 6,261 | 6,875 | 7,825 | 6,866 | 7,178 | 7,422 | 7,338 | 6,316 | 6,366 | 5,857 | 79,801 |
| 1995 | 6,942 | 7,246 | 7,745 | 6,749 | 7,009 | 7,503 | 6,890 | 7,287 | 6,252 | 5,889 | 5,481 | 5,146 | 80,139 |
| 1996 | 5,519 | 6,220 | 7,129 | 6,642 | 6,707 | 6,919 | 6,663 | 7,752 | 6,665 | 6,303 | 5,902 | 5,033 | 77,454 |
| 1997 | 6,191 | 6,501 | 7,454 | 6,615 | 7,678 | 6,780 | 7,469 | 7,561 | 7,506 | 7,024 | 6,137 | 6,329 | 83,245 |
| 1998 | 6,955 | 6,949 | 7,317 | 7,739 | 7,110 | 8,163 | 7,794 | 7,397 | 8,159 | 6,974 | 6,613 | 6,121 | 87,291 |
| 1999 | 6,610 | 7,026 | 8,124 | 7,743 | 6,917 | 8,050 | 7,664 | 7,572 | 7,924 | 6,321 | 5,974 | 6,325 | 86,250 |
| 2000 | 6,273 | 7,085 | 7,839 | 6,664 | 7,648 | 7,099 | 6,837 | 7,043 | 7,258 | 7,599 | 6,310 | 6,572 | 84,227 |
| 2001 | 7,443 | 7,086 | 8,229 | 6,860 | 8,681 | 7,746 | 7,413 | 8,447 | 7,124 | 7,322 | 6,410 | 5,900 | 88,661 |
| 2002 | 6,313 | 6,974 | 7,390 | 7,331 | 8,953 | 7,466 | 8,236 | 8,426 | 7,046 | 7,498 | 6,215 | 6,552 | 88,400 |

Table 38. **CHEESE:** Production, by Type, New York, 1993-2002

| Year | Italian Cheese | | | | <i>1,000 pounds</i> |
|---------------------|----------------------|--------------------------|-------------------------|--|--------------------------------|
| | Mozzarella | Ricotta | Other Italian <u>1/</u> | Total Italian | |
| <i>1,000 pounds</i> | | | | | |
| 1993 | 151,644 | 94,966 | 25,685 | 272,295 | |
| 1994 | 167,659 | 100,032 | 27,242 | 294,933 | |
| 1995 | 183,700 | 97,290 | 22,136 | 303,126 | |
| 1996 | 197,854 | 100,006 | 24,077 | 321,937 | |
| 1997 | 203,737 | 105,637 | 31,415 | 340,789 | |
| 1998 | 210,723 | 108,245 | 36,760 | 355,728 | |
| 1999 | 234,144 | 124,556 | 43,332 | 402,032 | |
| 2000 | 248,329 | 129,780 | 38,278 | 416,387 | |
| 2001 | 241,470 | 123,200 | 39,985 | 404,655 | |
| 2002 | 203,955 | 140,238 | 69,987 | 414,180 | |
| Year | American Type Cheese | | | Other cheese excluding cottage <u>3/</u> | Total cheese excluding cottage |
| | Cheddar | Other American <u>2/</u> | Total American | | |
| | <i>1,000 pounds</i> | | | | |
| 1993 | 99,514 | 974 | 100,488 | 164,884 | 537,667 |
| 1994 | 91,986 | 897 | 92,883 | 171,820 | 559,636 |
| 1995 | 82,460 | 1,441 | 83,901 | 169,972 | 556,999 |
| 1996 | 85,247 | 2,786 | 88,033 | 173,719 | 583,689 |
| 1997 | 91,214 | 2,174 | 93,388 | 182,512 | 616,689 |
| 1998 | 88,893 | 1,869 | 90,762 | 184,375 | 630,865 |
| 1999 | 96,942 | 1,516 | 98,458 | 181,789 | 682,279 |
| 2000 | 94,732 | 1,148 | 95,880 | 216,038 | 728,305 |
| 2001 | 97,531 | 945 | 98,476 | 199,623 | 702,754 |
| 2002 | 91,648 | 1,061 | 92,709 | 209,933 | 716,822 |

1/ Includes Provolone, Romano, and other hard and soft types.

2/ Includes Colby, washed curd, stirred curd, Monterey, and Jack.

3/ Includes Cream, Swiss, Brick, Muenster, Farmers', Hispanic, and other varieties of cheese.

Table 39. **COTTAGE CHEESE AND WHEY:** Production, by Type, New York, 1993-2002

| Year | Cottage Cheese | | | Dry Whey Human consumption |
|---------------------|-------------------|------------------|----------------|-------------------------------|
| | Creamed <u>1/</u> | Lowfat <u>2/</u> | Curd <u>3/</u> | |
| <i>1,000 pounds</i> | | | | |
| 1993 | 52,666 | 74,715 | 84,693 | 96,938 |
| 1994 | 55,371 | 79,801 | 87,969 | 100,851 |
| 1995 | 53,382 | 80,139 | 88,736 | 107,054 |
| 1996 | 52,403 | 77,454 | 87,396 | 107,666 |
| 1997 | 55,187 | 83,245 | 93,691 | 111,363 |
| 1998 | 55,360 | 87,291 | 97,765 | 113,042 |
| 1999 | 58,940 | 86,250 | 95,394 | 120,017 |
| 2000 | 58,260 | 84,227 | 94,318 | 120,738 |
| 2001 | 58,812 | 88,661 | 95,114 | 120,722 |
| 2002 | 60,528 | 88,400 | 95,756 | 119,967 |

1/ Milkfat content 4.0 percent or more.

2/ Milkfat content from 0.5 percent to 2.0 percent.

3/ Mostly used for processing into fully creamed or lowfat cottage cheese.

Cottage cheese curd, lowfat, and creamed should not be added together to obtain total production.

Table 40. DAIRY PRODUCTS: Production, by Months, New York, 1993-2002

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| BUTTER (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 3,322 | 2,525 | 2,302 | 2,361 | 2,258 | 2,191 | 1,622 | 1,712 | 1,458 | 1,670 | 1,537 | 2,145 | 25,130 |
| 1994 | 2,474 | 1,791 | 2,274 | 2,265 | 2,247 | 1,849 | 1,709 | 1,476 | 1,565 | 1,591 | 1,274 | 2,202 | 22,717 |
| 1995 | 2,261 | 2,809 | 2,685 | 2,541 | 2,313 | 1,993 | 1,749 | 1,231 | 1,695 | 1,994 | 1,924 | 2,361 | 25,556 |
| 1996 | 2,880 | 2,571 | 2,660 | 2,408 | 2,364 | 1,861 | 2,006 | 1,748 | 1,803 | 2,239 | 2,143 | 2,490 | 27,173 |
| 1997 | 2,500 | 2,403 | 2,260 | 2,358 | 2,418 | 1,852 | 1,710 | 2,067 | 1,636 | 1,621 | 1,863 | 1,813 | 24,501 |
| 1998 | 2,348 | 2,461 | 2,058 | 1,860 | 1,584 | 1,332 | 1,474 | 1,532 | 1,349 | 1,700 | 1,527 | 1,992 | 21,217 |
| 1999 | 2,383 | 2,362 | 2,400 | 2,310 | 2,021 | 1,722 | 2,915 | 1,228 | 1,716 | 1,942 | 1,593 | 2,049 | 24,641 |
| 2000 | 3,109 | 3,146 | 2,133 | 2,243 | 1,773 | 1,371 | 1,367 | 1,216 | 1,223 | 1,309 | 1,303 | 1,626 | 21,819 |
| 2001 | 2,388 | 2,645 | 2,458 | 2,464 | 2,507 | 2,359 | 1,939 | 1,153 | 2,087 | 2,032 | 1,708 | 2,481 | 26,221 |
| 2002 | 3,276 | 2,850 | 2,668 | 3,089 | 2,780 | 1,817 | 2,000 | 1,711 | 2,107 | 1,556 | 1,776 | 2,662 | 28,292 |
| YOGURT - PLAIN AND FLAVORED (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 19,618 | 17,305 | 17,986 | 17,991 | 17,367 | 17,569 | 13,746 | 18,424 | 18,735 | 16,012 | 16,024 | 16,425 | 207,202 |
| 1994 | 17,346 | 19,130 | 21,853 | 17,148 | 22,906 | 19,958 | 16,668 | 20,299 | 21,020 | 18,603 | 16,832 | 17,917 | 229,680 |
| 1995 | 19,635 | 18,854 | 22,477 | 17,742 | 20,141 | 20,590 | 20,375 | 22,808 | 19,818 | 18,230 | 16,175 | 14,960 | 231,805 |
| 1996 | 17,114 | 19,604 | 20,633 | 18,895 | 18,287 | 17,998 | 15,911 | 17,431 | 16,945 | 16,729 | 13,780 | 15,186 | 208,513 |
| 1997 | 19,491 | 16,173 | 14,114 | 19,007 | 18,453 | 18,540 | 18,234 | 17,742 | 17,360 | 15,880 | 13,736 | 14,474 | 203,204 |
| 1998 | 16,502 | 16,835 | 19,723 | 19,425 | 19,080 | 21,636 | 16,956 | 20,230 | 25,967 | 20,450 | 16,047 | 20,275 | 233,126 |
| 1999 | 19,795 | 21,916 | 23,592 | 21,120 | 23,041 | 21,961 | 18,783 | 22,539 | 21,281 | 18,896 | 15,436 | 21,724 | 250,084 |
| 2000 | 19,141 | 22,487 | 23,973 | 20,578 | 23,727 | 21,971 | 19,295 | 24,037 | 20,553 | 18,714 | 16,309 | 16,447 | 247,232 |
| 2001 | 21,292 | 21,680 | 24,561 | 19,384 | 24,777 | 21,258 | 20,286 | 24,439 | 20,199 | 20,440 | 17,265 | 17,050 | 252,631 |
| 2002 | 18,029 | 21,860 | 19,836 | 20,227 | 23,886 | 20,629 | 22,612 | 22,629 | 21,161 | 20,382 | 18,658 | 18,876 | 248,785 |
| TOTAL DRY WHEY (<i>1,000 pounds</i>) | | | | | | | | | | | | | |
| 1993 | 7,902 | 7,236 | 9,013 | 8,434 | 10,090 | 9,518 | 8,511 | 8,499 | 7,891 | 7,022 | 7,635 | 8,303 | 100,054 |
| 1994 | 8,189 | 7,887 | 9,496 | 9,025 | 9,764 | 8,575 | 8,047 | 8,982 | 9,144 | 8,395 | 7,923 | 8,117 | 103,544 |
| 1995 | 8,415 | 7,808 | 9,678 | 8,844 | 10,966 | 10,352 | 8,548 | 9,333 | 9,352 | 9,470 | 8,466 | 8,996 | 110,228 |
| 1996 | 8,627 | 9,098 | 9,915 | 10,861 | 10,097 | 9,800 | 8,763 | 8,600 | 8,476 | 8,520 | 7,767 | 9,515 | 110,039 |
| 1997 | 9,447 | 9,060 | 10,037 | 10,182 | 9,874 | 10,331 | 9,248 | 8,590 | 8,664 | 9,172 | 8,513 | 9,549 | 112,667 |
| 1998 | 9,316 | 8,910 | 9,793 | 10,178 | 11,016 | 10,705 | 9,876 | 9,346 | 9,364 | 9,470 | 8,919 | 10,217 | 117,110 |
| 1999 | 10,133 | 9,629 | 10,110 | 10,835 | 11,042 | 10,907 | 10,254 | 10,274 | 10,251 | 9,884 | 9,347 | 10,919 | 123,585 |
| 2000 | 11,319 | 10,319 | 11,946 | 11,047 | 11,435 | 10,818 | 10,796 | 10,200 | 9,561 | 10,282 | 9,368 | 9,663 | 126,754 |
| 2001 | 10,002 | 10,151 | 10,614 | 10,586 | 11,459 | 10,720 | 11,186 | 10,208 | 9,727 | 9,390 | 9,993 | 10,363 | 124,399 |
| 2002 | 11,056 | 10,455 | 11,117 | 10,736 | 11,523 | 10,282 | 10,514 | 10,357 | 9,729 | 9,881 | 9,318 | 10,247 | 125,215 |
| STANDARD ICE CREAM (<i>1,000 gallons</i>) | | | | | | | | | | | | | |
| 1993 | 2,506 | 3,091 | 3,159 | 3,647 | 3,492 | 4,258 | 4,825 | 3,879 | 3,495 | 2,956 | 2,573 | 2,975 | 40,856 |
| 1994 | 2,478 | 3,239 | 3,015 | 3,428 | 3,751 | 3,794 | 4,009 | 3,751 | 3,130 | 2,237 | 2,272 | 2,178 | 37,282 |
| 1995 | 2,461 | 2,592 | 3,093 | 3,175 | 3,618 | 3,831 | 3,896 | 3,539 | 2,616 | 2,552 | 2,539 | 2,018 | 35,930 |
| 1996 | 2,575 | 2,513 | 3,022 | 3,420 | 3,238 | 3,149 | 3,122 | 2,479 | 2,262 | 2,414 | 2,092 | 1,917 | 32,203 |
| 1997 | 2,340 | 2,506 | 2,951 | 3,768 | 2,886 | 3,570 | 4,002 | 2,993 | 2,271 | 2,274 | 1,910 | 1,882 | 33,353 |
| 1998 | 2,643 | 2,824 | 2,899 | 3,250 | 3,261 | 4,056 | 3,448 | 2,796 | 2,622 | 2,523 | 1,754 | 1,929 | 34,005 |
| 1999 | 2,244 | 2,779 | 3,181 | 3,088 | 3,243 | 3,731 | 4,013 | 2,957 | 2,716 | 2,676 | 2,406 | 2,438 | 35,472 |
| 2000 | 2,500 | 2,885 | 3,889 | 3,157 | 3,825 | 4,068 | 3,660 | 3,426 | 2,608 | 3,189 | 2,339 | 2,533 | 38,079 |
| 2001 | 2,972 | 2,876 | 3,324 | 3,904 | 3,908 | 3,890 | 3,947 | 3,295 | 2,406 | 2,664 | 2,125 | 2,107 | 37,418 |
| 2002 | 2,636 | 2,853 | 3,012 | 3,776 | 3,526 | 3,553 | 3,571 | 3,346 | 2,788 | 3,089 | 1,941 | 2,350 | 36,441 |
| LOWFAT ICE CREAM (<i>1,000 gallons</i>) | | | | | | | | | | | | | |
| 1993 | 471 | 472 | 492 | 558 | 806 | 693 | 1,071 | 766 | 655 | 415 | 505 | 370 | 7,274 |
| 1994 | 296 | 362 | 438 | 648 | 822 | 680 | 745 | 631 | 493 | 343 | 395 | 363 | 6,216 |
| 1995 | 578 | 546 | 686 | 849 | 1,052 | 1,108 | 1,301 | 1,264 | 655 | 605 | 642 | 457 | 9,743 |
| 1996 | 349 | 363 | 456 | 539 | 792 | 619 | 767 | 792 | 559 | 458 | 575 | 445 | 6,714 |
| 1997 | 559 | 632 | 769 | 1,030 | 1,071 | 958 | 1,022 | 830 | 636 | 697 | 584 | 545 | 9,333 |
| 1998 | 551 | 509 | 522 | 625 | 698 | 701 | 874 | 764 | 709 | 637 | 578 | 644 | 7,812 |
| 1999 | 366 | 482 | 803 | 750 | 830 | 970 | 862 | 960 | 773 | 661 | 570 | 537 | 8,564 |
| 2000 | 454 | 610 | 760 | 736 | 807 | 969 | 627 | 779 | 575 | 693 | 439 | 546 | 7,995 |
| 2001 | 653 | 632 | 572 | 770 | 763 | 802 | 836 | 800 | 486 | 603 | 564 | 494 | 7,975 |
| 2002 | 460 | 456 | 590 | 542 | 530 | 594 | 613 | 529 | 415 | 384 | 346 | 360 | 5,819 |

^{1/} Total may not add due to rounding.

Table 41. **FROZEN DESSERTS AND MIXES:** Production, by Type, New York, 1993-2002

| Year | Standard ice cream | Lowfat ice cream ^{1/} | Milk sherbet ^{1/} | Water ices ^{2/} | Standard ice cream | Mixes | Sherbet |
|------|-----------------------|-----------------------------------|-------------------------------|-----------------------------|-----------------------|-------|---------|
| | <i>1,000 gallons</i> | | | | | | |
| 1993 | 40,856 | 7,274 | 2,795 | 6,174 | 22,309 | 2,109 | 1,872 |
| 1994 | 37,282 | 6,216 | 2,626 | 5,005 | 22,509 | 2,208 | 1,747 |
| 1995 | 35,930 | 9,743 | 2,935 | 4,536 | 21,610 | 2,287 | 1,953 |
| 1996 | 32,203 | 6,714 | 2,442 | 3,383 | 20,040 | 2,253 | 1,688 |
| 1997 | 33,353 | 9,333 | 2,451 | 2,513 | 19,719 | 2,282 | 1,669 |
| 1998 | 34,005 | 7,812 | 2,585 | 2,918 | 20,200 | 2,216 | 1,780 |
| 1999 | 35,472 | 8,564 | 2,793 | 4,831 | 21,835 | 2,939 | 1,868 |
| 2000 | 38,079 | 7,995 | 2,788 | 4,848 | 21,089 | 2,976 | 1,883 |
| 2001 | 37,418 | 7,975 | 2,825 | 4,437 | 21,508 | 3,099 | 1,942 |
| 2002 | 36,441 | 5,819 | 2,805 | 4,236 | 20,206 | 3,044 | 1,834 |

^{1/} Includes hard, soft-serve, and freezer-made milkshake.

^{2/} Does not include counter-freezer production.

^{3/} Includes milkshake mix.

Table 42. **DAIRY:** Plants Manufacturing Specified Products, New York, 1993-2002

| Year | Total Cheese | | | | Butter | Condensed skim milk (unsweetened) | Nonfat dry milk | Standard ice cream (hard) | Water ices | Plants making one or more dairy or hard frozen dessert products |
|---------------|--------------|---------|----------------------|---------|--------|---|-----------------------|------------------------------------|---------------|--|
| | American | Italian | Excluding cottage | Cottage | | | | | | |
| <i>Number</i> | | | | | | | | | | |
| 1993 | 12 | 13 | 32 | 11 | 8 | 9 | 4 | 48 | 29 | 115 |
| 1994 | 11 | 14 | 34 | 13 | 9 | 7 | 3 | 52 | 28 | 136 |
| 1995 | 12 | 13 | 30 | 12 | 9 | 7 | 3 | 54 | 25 | 138 |
| 1996 | 13 | 14 | 33 | 12 | 8 | 6 | 3 | 52 | 29 | 134 |
| 1997 | 13 | 13 | 32 | 11 | 8 | 5 | 2 | 58 | 29 | 134 |
| 1998 | 12 | 13 | 31 | 11 | 9 | 6 | 2 | 55 | 30 | 130 |
| 1999 | 10 | 12 | 30 | 11 | 8 | 8 | 2 | 48 | 30 | 121 |
| 2000 | 12 | 12 | 35 | 11 | 8 | 7 | 2 | 45 | 28 | 113 |
| 2001 | 12 | 13 | 40 | 11 | 7 | 6 | 2 | 48 | 28 | 120 |
| 2002 | 15 | 12 | 45 | 11 | 8 | NA | NA | 43 | 25 | 122 |

ANNUAL NEW YORK CHEESE PRODUCTION

(Excluding Cottage Cheese)

