

## CHAPTER IV

### STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, carrots, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans, and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984. Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelon estimates of fresh market use on an annual basis were reinstated in 1992. Estimates of processing usage were also reinstated with the 1992 crop year for lima beans, beets, cabbage for sauerkraut, and spinach.

#### Seasonal Groups and Marketing Period

##### Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

#### Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 25 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

Aggregate data for the years 1990 and 1991 lack comparability with data from other years because of program changes altering the crops included.

**Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1990–99**

| Year                    | Area <sup>1</sup>             |                             |           |
|-------------------------|-------------------------------|-----------------------------|-----------|
|                         | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total     |
|                         | Acres                         | Acres                       | Acres     |
| 1990 .....              | 1,126,990                     | 1,544,500                   | 2,671,490 |
| 1991 .....              | 1,073,330                     | 1,570,430                   | 2,643,760 |
| 1992 <sup>6</sup> ..... | 1,876,870                     | 1,446,320                   | 3,323,190 |
| 1993 .....              | 1,855,000                     | 1,405,190                   | 3,260,190 |
| 1994 .....              | 1,943,400                     | 1,588,450                   | 3,531,850 |
| 1995 .....              | 1,851,860                     | 1,580,400                   | 3,432,260 |
| 1996 .....              | 1,886,780                     | 1,485,020                   | 3,371,800 |
| 1997 .....              | 1,847,330                     | 1,422,940                   | 3,270,270 |
| 1998 .....              | 1,855,070                     | 1,443,510                   | 3,298,580 |
| 1999 <sup>7</sup> ..... | 1,899,310                     | 1,508,700                   | 3,408,010 |

| Year                    | Production <sup>4</sup>       |                             |            |
|-------------------------|-------------------------------|-----------------------------|------------|
|                         | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total      |
|                         | Tons                          | Tons                        | Tons       |
| 1990 .....              | 12,701,950                    | 15,444,970                  | 28,146,920 |
| 1991 .....              | 12,136,650                    | 16,151,030                  | 28,287,680 |
| 1992 <sup>6</sup> ..... | 19,662,500                    | 14,236,320                  | 33,898,820 |
| 1993 .....              | 19,526,400                    | 14,914,797                  | 34,441,197 |
| 1994 .....              | 21,114,150                    | 18,316,538                  | 39,430,688 |
| 1995 .....              | 19,856,250                    | 17,543,177                  | 37,399,427 |
| 1996 .....              | 20,600,500                    | 17,547,062                  | 38,147,562 |
| 1997 .....              | 21,483,150                    | 16,227,819                  | 37,710,969 |
| 1998 .....              | 21,002,600                    | 15,476,230                  | 36,478,830 |
| 1999 <sup>7</sup> ..... | 22,559,650                    | 19,039,620                  | 41,599,270 |

| Year                    | Value <sup>5</sup>            |                             |               |
|-------------------------|-------------------------------|-----------------------------|---------------|
|                         | For fresh market <sup>2</sup> | For processing <sup>3</sup> | Total         |
|                         | 1,000 dollars                 | 1,000 dollars               | 1,000 dollars |
| 1990 .....              | 3,699,527                     | 1,331,463                   | 5,030,990     |
| 1991 .....              | 3,905,828                     | 1,357,413                   | 5,263,241     |
| 1992 <sup>6</sup> ..... | 6,427,577                     | 1,126,435                   | 7,554,012     |
| 1993 .....              | 7,134,587                     | 1,195,154                   | 8,329,741     |
| 1994 .....              | 7,047,372                     | 1,472,835                   | 8,520,207     |
| 1995 .....              | 7,703,693                     | 1,463,400                   | 9,167,093     |
| 1996 .....              | 6,883,050                     | 1,470,784                   | 8,353,834     |
| 1997 .....              | 7,948,790                     | 1,371,962                   | 9,320,752     |
| 1998 .....              | 8,071,474                     | 1,354,696                   | 9,426,170     |
| 1999 <sup>7</sup> ..... | 7,549,989                     | 1,657,680                   | 9,207,669     |

<sup>1</sup>Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. <sup>2</sup>Area, production, and farm value of the following 25 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. <sup>3</sup>Area, production, and farm value of the following 10 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. <sup>4</sup>Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. <sup>5</sup>Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door. <sup>6</sup>Beginning with the 1992 crop year, acreage, yield, production, price, and value estimates were reinstated for the following crops—fresh market: Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelons; processing: lima beans, beets, cabbage for sauerkraut, and spinach. <sup>7</sup>Preliminary.

**Table 4-2.—Vegetables, commercial: Area of principal crops, by States, 1997-99<sup>1</sup>**

| State                     | For fresh market <sup>2</sup> |           |                   | For processing <sup>4</sup> |           |                   | Total     |           |                   |
|---------------------------|-------------------------------|-----------|-------------------|-----------------------------|-----------|-------------------|-----------|-----------|-------------------|
|                           | 1997                          | 1998      | 1999 <sup>3</sup> | 1997                        | 1998      | 1999 <sup>3</sup> | 1997      | 1998      | 1999 <sup>3</sup> |
|                           | Acres                         | Acres     | Acres             | Acres                       | Acres     | Acres             | Acres     | Acres     | Acres             |
| AL                        | 9,700                         | 6,000     | 8,900             |                             |           |                   | 9,700     | 6,000     | 8,900             |
| AZ                        | 117,200                       | 123,100   | 112,100           |                             |           |                   | 117,200   | 123,100   | 112,100           |
| AR                        | 3,800                         | 3,600     | 3,900             | 3,900                       | 4,990     | 5,000             | 7,700     | 8,590     | 8,900             |
| CA                        | 809,800                       | 821,600   | 853,900           | 297,420                     | 314,120   | 366,870           | 1,107,220 | 1,135,720 | 1,220,770         |
| CO                        | 34,400                        | 35,700    | 32,900            | 720                         | 160       |                   | 35,120    | 35,860    | 32,900            |
| CT                        | 4,700                         | 4,500     | 3,800             |                             |           |                   | 4,700     | 4,500     | 3,800             |
| DE                        | 2,300                         | 2,100     | 2,500             | 33,380                      | 42,560    | 44,680            | 35,680    | 44,660    | 47,180            |
| FL                        | 192,260                       | 192,550   | 195,200           |                             |           |                   | 192,260   | 192,550   | 195,200           |
| GA                        | 101,900                       | 97,900    | 110,200           | 5,000                       | 5,100     | 7,500             | 106,900   | 103,000   | 117,700           |
| HI                        | 2,420                         | 2,370     | 2,260             |                             |           |                   | 2,420     | 2,370     | 2,260             |
| ID                        | 8,200                         | 8,700     | 8,650             |                             |           |                   | 8,200     | 8,700     | 8,650             |
| IL                        | 8,900                         | 8,300     | 8,100             | 41,770                      | 39,400    | 44,400            | 50,670    | 47,700    | 52,500            |
| IN                        | 18,280                        | 17,100    | 17,550            |                             |           |                   | 18,280    | 17,100    | 17,550            |
| IA                        |                               |           |                   | 5,900                       | 8,200     | 7,310             |           |           |                   |
| LA                        | 2,810                         | 2,640     | 2,900             |                             |           |                   | 2,810     | 2,640     | 2,900             |
| ME                        | 2,400                         | 2,300     | 2,500             |                             |           |                   | 2,400     | 2,300     | 2,500             |
| MD                        | 10,950                        | 11,730    | 12,150            | 22,110                      | 21,900    | 21,200            | 33,060    | 33,630    | 33,350            |
| MA                        | 7,520                         | 6,850     | 6,750             |                             |           |                   | 7,520     | 6,850     | 6,750             |
| MI                        | 56,950                        | 53,550    | 54,000            | 56,400                      | 53,300    | 59,900            | 113,350   | 106,850   | 113,900           |
| MN                        | 1,880                         | 1,300     | 930               | 211,000                     | 212,730   | 218,970           | 218,880   | 214,030   | 219,900           |
| MS                        | 4,000                         | 3,400     | 3,200             |                             |           |                   | 4,000     | 3,400     | 3,200             |
| MO                        | 4,700                         | 4,900     | 5,300             | 9,700                       | 10,900    | 10,200            | 14,400    | 15,800    | 15,500            |
| NV                        | 1,700                         | 2,100     | 2,800             |                             |           |                   | 1,700     | 2,100     | 2,800             |
| NH                        | 1,900                         | 1,800     | 1,800             |                             |           |                   | 1,900     | 1,800     | 1,800             |
| NJ                        | 35,100                        | 33,800    | 29,100            | 7,100                       | 10,300    | 9,950             | 42,200    | 44,100    | 39,050            |
| NM                        | 9,700                         | 10,100    | 8,900             |                             |           |                   | 9,700     | 10,100    | 8,900             |
| NY                        | 64,300                        | 68,700    | 73,550            | 87,580                      | 84,910    | 75,700            | 151,880   | 153,610   | 149,250           |
| NC                        | 43,000                        | 44,800    | 44,900            |                             |           |                   | 43,000    | 44,800    | 44,900            |
| OH                        | 25,020                        | 24,310    | 26,860            | 13,860                      | 10,990    | 11,940            | 38,880    | 35,300    | 38,800            |
| OK                        | 8,000                         | 7,500     | 7,500             | 2,900                       | 2,500     | 0                 | 10,900    | 10,000    | 7,500             |
| OR                        | 24,540                        | 24,720    | 28,510            | 97,780                      | 96,860    | 107,710           | 122,320   | 121,580   | 136,220           |
| PA                        | 22,600                        | 24,400    | 22,300            | 15,250                      | 13,880    | 13,700            | 37,850    | 38,280    | 36,000            |
| RI                        | 1,100                         | 1,000     | 800               |                             |           |                   | 1,100     | 1,000     | 800               |
| SC                        | 15,800                        | 15,700    | 16,700            |                             |           |                   | 15,800    | 15,700    | 16,700            |
| TN                        | 11,800                        | 11,600    | 11,600            | 9,900                       | 6,000     | 4,700             | 21,700    | 17,600    | 16,300            |
| TX                        | 93,900                        | 91,800    | 94,500            | 22,000                      | 22,600    | 25,600            | 115,900   | 114,400   | 12,100            |
| UT                        | 2,300                         | 2,400     | 2,700             |                             |           |                   | 2,300     | 2,400     | 2,700             |
| VT                        | 1,300                         | 1,100     | 1,000             |                             |           |                   | 1,300     | 1,100     | 1,000             |
| VA                        | 18,100                        | 18,500    | 17,500            | 1,850                       | 1,870     | 1,540             | 19,950    | 20,370    | 19,040            |
| WA                        | 47,500                        | 45,950    | 46,200            | 159,580                     | 168,160   | 163,400           | 207,080   | 214,110   | 209,600           |
| WI                        | 14,600                        | 14,600    | 14,400            | 250,090                     | 240,360   | 236,900           | 264,690   | 254,960   | 251,300           |
| Other States <sup>5</sup> |                               |           |                   | 67,750                      | 71,720    | 71,530            |           |           |                   |
| US                        | 1,847,330                     | 1,855,070 | 1,899,310         | 1,422,940                   | 1,443,510 | 1,508,700         | 3,270,270 | 3,298,580 | 3,408,010         |

<sup>1</sup> Area for fresh market and for processing is area harvested. <sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and water-melons. <sup>3</sup> Preliminary. <sup>4</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>5</sup> Processing, 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - AL, FL, ID, IN, LA, ME, MA, NC, and SC.

Table 4-3.—Vegetables, commercial: Production of principal crops, by States, 1997–99

| State                        | For fresh market <sup>1</sup> |              |                   | For processing <sup>3</sup> |            |                   | Total      |            |                   |
|------------------------------|-------------------------------|--------------|-------------------|-----------------------------|------------|-------------------|------------|------------|-------------------|
|                              | 1997                          | 1998         | 1999 <sup>2</sup> | 1997                        | 1998       | 1999 <sup>2</sup> | 1997       | 1998       | 1999 <sup>2</sup> |
|                              | 1,000<br>Cwt                  | 1,000<br>Cwt | 1,000<br>Cwt      | Tons                        | Tons       | Tons              | Tons       | Tons       | Tons              |
| AL .....                     | 870                           | 623          | 714               |                             |            |                   | 43,500     | 31,150     | 35,700            |
| AZ .....                     | 32,547                        | 35,464       | 34,375            |                             |            |                   | 1,627,350  | 1,773,200  | 1,718,750         |
| AR .....                     | 636                           | 655          | 614               | 17,000                      | 18,060     | 20,300            | 48,800     | 50,810     | 51,000            |
| CA .....                     | 213,360                       | 206,451      | 228,217           | 9,574,819                   | 9,162,610  | 12,527,220        | 20,242,819 | 19,485,160 | 23,938,070        |
| CO .....                     | 10,829                        | 10,967       | 10,281            | 6,080                       | 1,440      |                   | 547,530    | 549,790    | 514,050           |
| CT .....                     | 282                           | 293          | 190               |                             |            |                   | 14,100     | 14,650     | 9,500             |
| DE .....                     | 874                           | 840          | 1,075             | 103,640                     | 133,050    | 135,920           | 147,340    | 175,050    | 189,670           |
| FL .....                     | 42,684                        | 41,671       | 46,757            |                             |            |                   | 2,134,200  | 2,083,550  | 2,337,850         |
| GA .....                     | 18,723                        | 17,233       | 19,250            | 27,900                      | 21,300     | 25,950            | 964,050    | 882,950    | 988,450           |
| HI .....                     | 457                           | 482          | 487               |                             |            |                   | 22,850     | 24,100     | 24,350            |
| ID .....                     | 5,658                         | 4,655        | 5,548             |                             |            |                   | 282,900    | 232,750    | 277,400           |
| IL .....                     | 1,019                         | 870          | 663               | 178,620                     | 147,600    | 167,540           | 229,570    | 191,100    | 200,690           |
| IN .....                     | 3,064                         | 3,109        | 2,923             |                             |            |                   | 153,200    | 155,450    | 146,150           |
| IA .....                     |                               |              |                   | 34,240                      | 45,650     | 43,830            | 34,240     | 45,650     | 43,830            |
| LA .....                     | 433                           | 334          | 323               |                             |            |                   | 21,650     | 16,700     | 16,150            |
| ME .....                     | 132                           | 127          | 138               |                             |            |                   | 6,600      | 6,350      | 6,900             |
| MD .....                     | 1,508                         | 1,409        | 1,380             | 102,130                     | 106,350    | 105,430           | 177,530    | 176,800    | 174,430           |
| MA .....                     | 556                           | 486          | 497               |                             |            |                   | 27,800     | 24,300     | 24,850            |
| MI .....                     | 8,034                         | 7,307        | 7,378             | 394,500                     | 345,740    | 390,370           | 796,200    | 711,090    | 759,270           |
| MN .....                     | 584                           | 357          | 224               | 974,330                     | 1,002,840  | 976,080           | 1,003,530  | 1,020,690  | 987,280           |
| MS .....                     | 240                           | 207          | 208               |                             |            |                   | 12,000     | 10,350     | 10,400            |
| MO .....                     | 1,128                         | 1,152        | 1,272             | 36,410                      | 33,080     | 33,640            | 92,810     | 90,680     | 97,240            |
| NV .....                     | 918                           | 924          | 1,288             |                             |            |                   | 45,900     | 4,620      | 64,400            |
| NH .....                     | 114                           | 108          | 108               |                             |            |                   | 5,700      | 5,400      | 5,400             |
| NJ .....                     | 4,577                         | 4,662        | 3,298             | 58,040                      | 63,360     | 56,500            | 286,890    | 296,460    | 221,400           |
| NM .....                     | 4,219                         | 4,052        | 3,685             |                             |            |                   | 210,950    | 202,600    | 184,250           |
| NY .....                     | 12,893                        | 13,115       | 13,563            | 510,420                     | 459,780    | 420,810           | 1,155,070  | 1,115,530  | 1,098,960         |
| NC .....                     | 5,903                         | 5,625        | 5,523             |                             |            |                   | 295,150    | 281,250    | 276,150           |
| OH .....                     | 3,119                         | 3,056        | 3,210             | 336,350                     | 237,530    | 278,400           | 492,300    | 390,330    | 438,900           |
| OK .....                     | 800                           | 705          | 675               | 11,600                      | 7,000      | 0                 | 51,600     | 42,250     | 33,750            |
| OR .....                     | 12,139                        | 10,755       | 13,836            | 610,720                     | 549,610    | 603,180           | 1,217,670  | 1,087,360  | 1,294,980         |
| PA .....                     | 1,872                         | 2,088        | 1,666             | 75,250                      | 72,320     | 64,750            | 168,850    | 176,720    | 148,050           |
| RI .....                     | 77                            | 80           | 44                |                             |            |                   | 3,850      | 4,000      | 2,200             |
| SC .....                     | 2,248                         | 2,396        | 2,216             |                             |            |                   | 112,400    | 119,800    | 110,800           |
| TN .....                     | 1,192                         | 1,129        | 1,132             | 37,730                      | 10,910     | 7,460             | 97,330     | 67,360     | 64,060            |
| TX .....                     | 17,294                        | 18,985       | 20,839            | 191,780                     | 146,720    | 163,480           | 1,056,480  | 1,095,970  | 1,205,430         |
| UT .....                     | 1,116                         | 1,056        | 1,256             |                             |            |                   | 55,800     | 52,800     | 62,800            |
| VT .....                     | 98                            | 72           | 55                |                             |            |                   | 4,900      | 3,600      | 2,750             |
| VA .....                     | 2,737                         | 2,520        | 2,557             | 7,990                       | 6,180      | 6,440             | 144,840    | 132,180    | 134,290           |
| WA .....                     | 11,897                        | 11,162       | 11,260            | 1,136,290                   | 1,157,710  | 1,159,850         | 1,731,140  | 1,715,810  | 1,722,850         |
| WI .....                     | 2,832                         | 2,870        | 2,468             | 1,281,420                   | 1,232,380  | 1,280,100         | 1,423,020  | 1,375,880  | 1,403,500         |
| Other States <sup>5</sup> .. |                               |              |                   | 520,560                     | 515,010    | 572,370           | 520,560    | 515,010    | 572,370           |
| US .....                     | 429,663                       | 420,052      | 451,193           | 16,227,819                  | 15,476,230 | 19,039,620        | 37,710,969 | 36,478,830 | 41,599,270        |

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. <sup>2</sup> Preliminary. <sup>3</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>4</sup> Processing, 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - AL, FL, ID, IN, LA, ME, MA, NC, and SC.

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**Table 4-4.—Vegetables, commercial: Value of principal crops, by States, 1997–99**

| State                     | For fresh market <sup>1</sup> |               |                   | For processing <sup>3</sup> |               |                   | Total         |               |                   |
|---------------------------|-------------------------------|---------------|-------------------|-----------------------------|---------------|-------------------|---------------|---------------|-------------------|
|                           | 1997                          | 1998          | 1999 <sup>2</sup> | 1997                        | 1998          | 1999 <sup>2</sup> | 1997          | 1998          | 1999 <sup>2</sup> |
|                           | 1,000 dollars                 | 1,000 dollars | 1,000 dollars     | 1,000 dollars               | 1,000 dollars | 1,000 dollars     | 1,000 dollars | 1,000 dollars | 1,000 dollars     |
| AL                        | 12,362                        | 9,592         | 8,898             |                             |               |                   | 12,362        | 9,592         | 8,898             |
| AZ                        | 515,149                       | 621,223       | 492,245           |                             |               |                   | 515,149       | 621,223       | 492,245           |
| AR                        | 9,879                         | 13,666        | 16,198            | 3,684                       | 3,447         | 3,944             | 13,563        | 17,113        | 20,142            |
| CA                        | 4,306,767                     | 4,085,880     | 4,086,781         | 598,140                     | 612,551       | 913,679           | 4,904,907     | 4,698,431     | 5,000,460         |
| CO                        | 108,172                       | 134,691       | 96,164            | 1,094                       |               | 230               | 109,266       | 134,921       | 96,164            |
| CT                        | 6,768                         | 7,911         | 4,560             |                             |               |                   | 6,768         | 7,911         | 4,560             |
| DE                        | 4,545                         | 7,140         | 9,675             | 18,037                      | 27,119        | 24,193            | 22,582        | 34,259        | 33,868            |
| FL                        | 1,133,794                     | 1,212,286     | 1,060,069         | 8,229                       | 4,349         | 7,921             | 1,142,023     | 1,216,635     | 1,067,990         |
| GA                        | 255,071                       | 243,032       | 269,757           |                             |               |                   | 255,071       | 243,032       | 269,757           |
| HI                        | 13,791                        | 14,940        | 16,715            |                             |               |                   | 13,791        | 14,940        | 16,715            |
| ID                        | 57,028                        | 53,248        | 28,507            |                             |               |                   | 57,028        | 53,248        | 28,507            |
| IL                        | 13,383                        | 12,415        | 12,303            | 27,240                      | 22,260        | 26,071            | 40,623        | 34,675        | 38,374            |
| IN                        | 39,030                        | 44,950        | 44,562            |                             |               |                   | 39,030        | 44,950        | 44,562            |
| IA                        |                               |               |                   | 3,151                       | 4,333         | 3,941             | 3,151         | 4,333         | 3,941             |
| LA                        | 7,008                         | 4,910         | 4,232             |                             |               |                   | 7,008         | 4,910         | 4,232             |
| ME                        | 4,356                         | 4,191         | 4,278             |                             |               |                   | 4,356         | 4,191         | 4,278             |
| MD                        | 25,207                        | 29,352        | 30,533            | 13,003                      | 16,096        | 15,157            | 38,210        | 45,448        | 45,690            |
| MA                        | 17,642                        | 19,480        | 19,271            |                             |               |                   | 17,642        | 19,480        | 19,271            |
| MI                        | 123,086                       | 136,522       | 124,282           | 47,270                      | 46,877        | 53,621            | 170,356       | 183,399       | 177,903           |
| MN                        | 5,331                         | 3,813         | 1,655             | 106,257                     | 105,155       | 103,824           | 111,588       | 108,968       | 105,479           |
| MS                        | 1,464                         | 1,296         | 1,206             |                             |               |                   | 1,464         | 1,296         | 1,206             |
| MO                        | 5,505                         | 6,106         | 4,452             | 7,616                       | 7,321         | 6,818             | 13,121        | 13,427        | 11,270            |
| NV                        | 13,311                        | 12,936        | 10,304            |                             |               |                   | 13,311        | 12,936        | 10,304            |
| NH                        | 4,104                         | 4,104         | 3,888             |                             |               |                   | 4,104         | 4,104         | 3,888             |
| NJ                        | 112,630                       | 125,652       | 78,575            | 6,381                       | 8,791         | 7,375             | 119,011       | 134,443       | 85,950            |
| NM                        | 65,554                        | 49,975        | 55,579            |                             |               |                   | 65,554        | 49,975        | 55,579            |
| NY                        | 172,054                       | 202,763       | 199,373           | 43,304                      | 49,820        | 45,293            | 215,358       | 252,583       | 244,666           |
| NC                        | 76,241                        | 76,620        | 76,700            |                             |               |                   | 76,241        | 76,620        | 76,700            |
| OH                        | 74,383                        | 73,295        | 67,844            | 33,606                      | 26,036        | 30,525            | 107,989       | 99,331        | 98,369            |
| OK                        | 5,200                         | 5,076         | 4,928             | 1,379                       | 834           | 0                 | 6,579         | 5,910         | 4,928             |
| OR                        | 134,281                       | 120,252       | 90,652            | 74,364                      | 68,564        | 72,962            | 202,845       | 188,816       | 163,614           |
| PA                        | 44,148                        | 45,587        | 36,525            | 10,604                      | 10,110        | 7,453             | 54,752        | 55,697        | 43,978            |
| RI                        | 2,079                         | 2,640         | 1,408             |                             |               |                   | 2,079         | 2,640         | 1,408             |
| SC                        | 37,561                        | 37,512        | 30,574            |                             |               |                   | 37,561        | 37,512        | 30,574            |
| TN                        | 32,020                        | 41,061        | 32,767            | 6,078                       | 1,265         | 1,301             | 38,098        | 42,326        | 34,068            |
| TX                        | 225,542                       | 335,945       | 305,517           | 25,872                      | 29,716        | 30,066            | 251,414       | 365,661       | 335,583           |
| UT                        | 8,451                         | 10,527        | 6,756             |                             |               |                   | 8,451         | 10,527        | 6,756             |
| VT                        | 2,548                         | 2,016         | 1,705             |                             |               |                   | 2,548         | 2,016         | 1,705             |
| VA                        | 65,425                        | 65,016        | 53,887            | 935                         | 1,543         | 1,048             | 66,360        | 66,559        | 54,935            |
| WA                        | 185,901                       | 168,024       | 134,165           | 108,896                     | 111,989       | 105,759           | 294,797       | 280,013       | 239,924           |
| WI                        | 22,019                        | 25,829        | 22,499            | 137,414                     | 115,145       | 110,196           | 159,433       | 140,974       | 132,695           |
| Other States <sup>4</sup> |                               |               |                   | 89,408                      | 81,145        | 86,533            | 89,408        | 81,145        | 86,533            |
| US                        | 7,948,790                     | 8,071,474     | 7,549,989         | 1,371,962                   | 1,354,696     | 1,657,680         | 9,320,752     | 9,426,170     | 9,207,669         |

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. <sup>2</sup> Preliminary. <sup>3</sup> Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. <sup>4</sup> Processing, 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - AL, FL, ID, IN, LA, ME, MA, NC, and SC.

**Table 4-5.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1990–99**

| Year                    | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      | Production        | Value <sup>1</sup> |                      | Production     | Value <sup>2</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 94,600           | 26             | 2,436             | 60.60              | 147,635              | 1,424             | 68.60              | 97,674               | 50,600         | 987.00             | 49,961               |
| 1991 .....              | 89,300           | 25             | 2,246             | 66.80              | 149,978              | 1,370             | 78.90              | 108,113              | 43,820         | 955.00             | 41,865               |
| 1992 .....              | 86,120           | 27             | 2,351             | 73.50              | 172,808              | 1,376             | 92.00              | 126,607              | 48,720         | 948.00             | 46,201               |
| 1993 .....              | 81,150           | 27             | 2,203             | 76.10              | 167,645              | 1,252             | 95.70              | 119,773              | 47,540         | 1,010.00           | 47,872               |
| 1994 .....              | 76,750           | 29             | 2,197             | 80.90              | 177,641              | 1,311             | 100.00             | 131,173              | 44,300         | 1,050.00           | 46,468               |
| 1995 .....              | 72,340           | 28             | 2,024             | 87.50              | 177,170              | 1,100             | 113.00             | 124,171              | 46,180         | 1,150.00           | 52,999               |
| 1996 .....              | 73,560           | 27             | 1,989             | 78.70              | 156,623              | 1,114             | 92.90              | 103,480              | 43,780         | 1,210.00           | 53,143               |
| 1997 .....              | 74,030           | 27             | 2,026             | 90.10              | 182,531              | 1,248             | 108.00             | 134,960              | 38,920         | 1,220.00           | 47,571               |
| 1998 .....              | 74,430           | 27             | 1,979             | 101.00             | 199,482              | 1,264             | 124.00             | 156,734              | 35,720         | 1,200.00           | 42,748               |
| 1999 <sup>3</sup> ..... | 75,890           | 29             | 2,191             | 107.00             | 234,085              | 1,455             | 131.00             | 190,719              | 36,820         | 1,180.00           | 43,366               |

<sup>1</sup> Price and value on F.O.B. basis. <sup>2</sup> Price and value at processing plant door. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-6.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997–99**

| State                           | Area harvested <sup>1</sup> |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|---------------------------------|-----------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                 | 1997                        | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       |
|                                 | <i>Acres</i>                | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....                        | 30,100                      | 32,200       | 33,800            | 813               | 837               | 1,115             | 115.00                  | 138.00                  | 142.00                  |
| IL .....                        | 200                         | 200          | 200               | 2                 | 2                 | 2                 | 141.00                  | 149.00                  | 128.00                  |
| MI .....                        | 17,500                      | 17,000       | 16,500            | 263               | 278               | 297               | 67.70                   | 62.30                   | 63.40                   |
| NJ .....                        | 1,000                       | 1,000        | 1,000             | 23                | 27                | 28                | 107.00                  | 84.20                   | 79.20                   |
| WA .....                        | 23,000                      | 22,000       | 22,000            | 828               | 792               | 704               | 77.50                   | 77.30                   | 72.80                   |
| Other States <sup>3</sup> ..... | 2,230                       | 2,030        | 2,390             | 97                | 43                | 45                | 47.10                   | 72.20                   | 72.10                   |
| US .....                        | 74,030                      | 74,430       | 75,890            | 2,026             | 1,979             | 2,191             | 90.10                   | 101.00                  | 107.00                  |

| State                           | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|---------------------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|                                 | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       | 1997           | 1998        | 1999 <sup>2</sup> | 1997                   | 1998                   | 1999 <sup>2</sup>      |
|                                 | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| MI .....                        | 39                | 36                | 34                | 80.00                   | 65.00                   | 74.00                   | 11,200         | 12,080      | 13,150            | 1,310.00               | 1,240.00               | 1,240.00               |
| NJ .....                        | 23                | 27                | 28                | 107.00                  | 84.20                   | 79.20                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| WA <sup>4</sup> .....           | 308               | 352               | .....             | 108.00                  | 101.00                  | .....                   | 26,000         | 22,000      | .....             | 1,190.00               | 1,170.00               | .....                  |
| Other States <sup>5</sup> ..... | 878               | 849               | 1,393             | 109.00                  | 137.00                  | 134.00                  | 1,720          | 1,640       | 23,670            | 1,140.00               | 1,280.00               | 1,140.00               |
| US .....                        | 1,248             | 1,264             | 1,455             | 108.00                  | 124.00                  | 131.00                  | 38,920         | 35,720      | 36,820            | 1,220.00               | 1,200.00               | 1,180.00               |

<sup>1</sup> Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments. <sup>2</sup> Preliminary. <sup>3</sup> 1997 - IN, MD, MN, and OR. 1998 - ID, IN, MD, MN, and OR. 1999 - ID, MD, MN, and OR. <sup>4</sup> 1999 Data not published to avoid disclosure. Data have been included in the Other States total. <sup>5</sup> 1997-98 - CA, ID, IL, IN, MD, MN, and OR. 1999 - CA, ID, IL, MD, MN, OR, and WA.  
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**Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| GA ..... | 2,500          | 2,000        | 2,900             | 75                | 40                | 102               | 33.00                   | 32.00                   | 25.00                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 1997–99<sup>1</sup>**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit         |                        |                        |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|------------------------|------------------------|
|          | 1997           | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997                   | 1998                   | 1999 <sup>2</sup>      |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| US ..... | 54,430         | 50,640       | 54,980            | 80,070            | 74,500            | 67,580            | 458.00                 | 453.00                 | 468.00                 |

<sup>1</sup> 1997 - CA, DE, MD, MN, NJ, OR, TN, VA, WA, and WI. 1998 - CA, DE, MD, MN, NJ, OR, TN, and WI. 1999 - CA, DE, IL, MD, MN, NJ, OR, TN, WA, and WI. <sup>2</sup> Preliminary.  
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**Table 4-9.—Snap beans for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State       | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|             | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....    | 4,500          | 4,700        | 5,100             | 450               | 447               | 408               | 52.00                   | 67.80                   | 57.20                   |
| FL .....    | 30,300         | 34,300       | 34,000            | 1,303             | 2,195             | 2,958             | 49.90                   | 59.00                   | 52.40                   |
| GA .....    | 12,000         | 12,000       | 14,500            | 528               | 624               | 595               | 30.00                   | 28.00                   | 32.00                   |
| MD .....    | 1,800          | 1,900        | 2,200             | 59                | 86                | 86                | 30.00                   | 50.00                   | 49.00                   |
| MI .....    | 1,600          | 2,100        | 2,200             | 72                | 126               | 88                | 29.80                   | 61.00                   | 31.00                   |
| NJ .....    | 4,100          | 3,900        | 3,400             | 144               | 195               | 119               | 33.60                   | 37.00                   | 39.20                   |
| NY .....    | 5,100          | 5,300        | 6,100             | 316               | 329               | 372               | 54.80                   | 50.60                   | 53.30                   |
| NC .....    | 6,500          | 6,600        | 6,800             | 293               | 290               | 313               | 25.00                   | 30.00                   | 28.00                   |
| OH .....    | 1,600          | 1,700        | 1,900             | 86                | 80                | 103               | 31.00                   | 29.30                   | 43.40                   |
| SC .....    | 1,700          | 1,700        | 1,700             | 41                | 20                | 39                | 36.00                   | 46.00                   | 36.00                   |
| TN .....    | 8,200          | 8,200        | 8,000             | 328               | 279               | 304               | 26.50                   | 31.40                   | 28.80                   |
| VA .....    | 5,100          | 5,200        | 4,500             | 179               | 203               | 135               | 18.40                   | 21.00                   | 19.00                   |
| Total ..... | 82,500         | 87,600       | 90,400            | 3,799             | 4,874             | 5,520             | 40.50                   | 48.90                   | 46.20                   |
| HI .....    | 160            | 200          | 200               | 6                 | 9                 | 10                | 105.00                  | 82.00                   | 88.00                   |
| US .....    | 82,660         | 87,800       | 90,600            | 3,805             | 4,883             | 5,530             | 40.60                   | 48.90                   | 46.20                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-10.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1990–99**

| Year                    | Area harvested | Yield per acre | Production  | Value <sup>1</sup> |                      |
|-------------------------|----------------|----------------|-------------|--------------------|----------------------|
|                         |                |                |             | Per ton            | Total                |
|                         | <i>Acres</i>   | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 243,130        | 3.24           | 787,470     | 183.00             | 144,249              |
| 1991 .....              | 231,550        | 3.32           | 767,820     | 176.00             | 135,269              |
| 1992 .....              | 192,390        | 3.36           | 645,900     | 173.00             | 112,031              |
| 1993 .....              | 196,530        | 3.37           | 661,600     | 178.00             | 117,690              |
| 1994 .....              | 221,900        | 3.68           | 816,830     | 166.00             | 135,369              |
| 1995 .....              | 216,040        | 3.27           | 705,540     | 173.00             | 122,379              |
| 1996 .....              | 207,050        | 3.79           | 784,920     | 178.00             | 139,755              |
| 1997 .....              | 195,080        | 3.74           | 729,250     | 176.00             | 128,032              |
| 1998 .....              | 198,700        | 3.68           | 730,990     | 172.00             | 125,373              |
| 1999 <sup>2</sup> ..... | 212,150        | 3.67           | 778,430     | 173.00             | 134,501              |

<sup>1</sup> Price and value at processing plant door. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720–2127.

**Table 4-11.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1997–99**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997        | 1998        | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| IL .....                        | 11,500         | 12,500       | 14,200            | 42,550      | 39,090      | 49,520            | 210.00                 | 201.00                 | 197.00                 |
| IN .....                        | 4,000          | 4,100        | 4,500             | 8,960       | 10,370      | 14,460            | 152.00                 | 183.00                 | 181.00                 |
| MI .....                        | 22,800         | 21,000       | 27,000            | 78,660      | 81,600      | 100,970           | 171.00                 | 171.00                 | 166.00                 |
| NY .....                        | 22,800         | 20,800       | 21,200            | 77,520      | 76,990      | 72,550            | 148.00                 | 176.00                 | 190.00                 |
| OR .....                        | 23,300         | 23,300       | 23,100            | 148,190     | 121,870     | 136,230           | 183.00                 | 187.00                 | 188.00                 |
| PA .....                        | 9,100          | 6,800        | 7,600             | 23,000      | 14,880      | 16,640            | 220.00                 | 268.00                 | 209.00                 |
| WI .....                        | 62,800         | 63,000       | 64,400            | 205,100     | 233,340     | 235,050           | 157.00                 | 139.00                 | 140.00                 |
| Other States <sup>2</sup> ..... | 38,780         | 47,200       | 50,150            | 145,270     | 152,850     | 153,010           | 197.00                 | 189.00                 | 194.00                 |
| Total .....                     | 195,080        | 198,700      | 212,150           | 729,250     | 730,990     | 778,430           | 176.00                 | 172.00                 | 173.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 1997-99 - AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA.

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**Table 4-12.—Beets for canning: Area, production, and value per ton, by States, 1997–99**

| State                           | Area harvested |              |                   | Production        |                   |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| NY .....                        | 2,700          | 2,300        | 2,500             | 40,500            | 27,600            | 38,430            | 64.70                  | 78.50                  | 79.00                  |
| WI .....                        | 3,400          | 2,700        | 3,600             | 51,580            | 42,470            | 53,460            | 71.80                  | 45.50                  | 40.90                  |
| Other States <sup>2</sup> ..... | 1,400          | 1,610        | 1,200             | 29,920            | 33,460            | 25,310            | 61.20                  | 67.60                  | 69.30                  |
| US .....                        | 7,500          | 6,610        | 7,300             | 122,000           | 103,530           | 117,200           | 66.80                  | 61.40                  | 59.50                  |

<sup>1</sup> Preliminary. <sup>2</sup> CA, MN, and OR.

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**Table 4-13.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1990-99<sup>1</sup>**

| Year              | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                   | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      | Production        | Value <sup>2</sup> |                      | Production     | Value <sup>3</sup> |                      |
|                   |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                   | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990              | 110,800          | 111            | 12,345            | 21.70              | 268,220              | 9,893             | 22.30              | 220,437              | 122,600        | 390.00             | 47,783               |
| 1991              | 101,000          | 111            | 11,190            | 21.60              | 242,155              | 9,368             | 22.00              | 206,501              | 91,100         | 391.00             | 35,654               |
| 1992              | 111,400          | 112            | 12,447            | 22.90              | 284,423              | 10,602            | 23.50              | 248,819              | 92,290         | 386.00             | 35,604               |
| 1993              | 119,200          | 101            | 12,059            | 25.80              | 310,675              | 10,685            | 26.60              | 284,165              | 68,710         | 386.00             | 26,510               |
| 1994              | 134,100          | 117            | 15,714            | 26.70              | 419,571              | 14,152            | 27.50              | 389,659              | 78,110         | 383.00             | 29,912               |
| 1995              | 129,400          | 122            | 15,815            | 28.00              | 443,304              | 13,843            | 29.30              | 405,286              | 98,590         | 386.00             | 38,018               |
| 1996              | 133,500          | 118            | 15,693            | 26.50              | 415,695              | 14,428            | 27.10              | 391,194              | 63,250         | 387.00             | 24,501               |
| 1997              | 130,800          | 129            | 16,880            | 28.50              | 481,459              | 15,744            | 29.10              | 457,423              | 56,810         | 423.00             | 24,036               |
| 1998              | 134,300          | 129            | 17,351            | 29.50              | 511,681              | 16,228            | 30.20              | 489,912              | 56,148         | 388.00             | 21,769               |
| 1999 <sup>4</sup> | 137,300          | 145            | 19,910            | 22.80              | 454,873              | 18,766            | 23.00              | 432,013              | 57,201         | 400.00             | 22,860               |

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-14.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1997-99<sup>1</sup>**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 11,000         | 12,300       | 12,400            | 1,357             | 1,538             | 2,480             | 35.70                   | 35.80                   | 24.30                   |
| CA ..... | 119,000        | 121,000      | 124,000           | 15,470            | 15,730            | 17,360            | 27.90                   | 28.90                   | 22.60                   |
| TX ..... | 800            | 1,000        | 900               | 53                | 83                | 70                | 33.20                   | 27.00                   | 27.70                   |
| US ..... | 130,800        | 134,300      | 137,300           | 16,880            | 17,351            | 19,910            | 28.50                   | 29.50                   | 22.80                   |

| State                           | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|---------------------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|                                 | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       | 1997           | 1998        | 1999 <sup>2</sup> | 1997                   | 1998                   | 1999 <sup>2</sup>      |
|                                 | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| AZ .....                        | 1,357             | 1,538             | 2,480             | 35.70                   | 35.80                   | 24.30                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| Other States <sup>3</sup> ..... | 14,387            | 14,690            | 16,286            | 28.40                   | 29.60                   | 22.80                   | 56,810         | 56,148      | 57,201            | 423.00                 | 388.00                 | 400.00                 |
| US .....                        | 15,744            | 16,228            | 18,766            | 29.10                   | 30.20                   | 23.00                   | 56,810         | 56,148      | 57,201            | 423.00                 | 388.00                 | 400.00                 |

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. <sup>2</sup> Preliminary. <sup>3</sup> 1997-99—CA and TX.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State       | Area harvested |              |                   | Production        |                   |                     | Value per unit          |                         |                         |
|-------------|----------------|--------------|-------------------|-------------------|-------------------|---------------------|-------------------------|-------------------------|-------------------------|
|             | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1,2</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....    | 13,800         | 14,000       | 12,500            | 4,692             | 4,620             | 4,125               | 14.90                   | 16.50                   | 13.50                   |
| CO .....    | 2,100          | 2,300        | 2,300             | 819               | 920               | 828                 | 7.20                    | 8.20                    | 8.40                    |
| FL .....    | 7,400          | 7,900        | 8,500             | 2,738             | 2,133             | 2,083               | 14.50                   | 13.00                   | 10.00                   |
| GA .....    | 8,000          | 7,500        | 8,100             | 2,800             | 2,475             | 2,268               | 8.00                    | 8.30                    | 8.80                    |
| IL .....    | 1,200          | 1,300        | 1,000             | 312               | 338               | 130                 | 9.00                    | 8.25                    | 8.93                    |
| MD .....    | 480            | 580          | 600               | 50                | 70                | 93                  | 14.00                   | 12.00                   | 18.00                   |
| MI .....    | 1,900          | 1,700        | 1,800             | 494               | 442               | 504                 | 7.80                    | 13.30                   | 8.60                    |
| NJ .....    | 2,100          | 2,000        | 1,600             | 588               | 680               | 400                 | 12.40                   | 14.20                   | 13.00                   |
| NY .....    | 11,200         | 12,100       | 12,100            | 5,376             | 4,598             | 4,961               | 9.70                    | 10.30                   | 9.20                    |
| NC .....    | 8,500          | 8,700        | 7,600             | 1,700             | 1,479             | 1,292               | 8.50                    | 9.50                    | 8.50                    |
| OH .....    | 1,400          | 1,200        | 1,300             | 448               | 276               | 247                 | 11.00                   | 12.20                   | 11.30                   |
| PA .....    | 1,800          | 1,900        | 1,700             | 378               | 409               | 281                 | 13.00                   | 14.00                   | 13.30                   |
| TX .....    | 8,500          | 8,500        | 9,200             | 2,890             | 3,400             | 3,128               | 11.70                   | 20.40                   | 13.20                   |
| VA .....    | 1,200          | 1,300        | 1,300             | 402               | 566               | 481                 | 8.00                    | 8.00                    | 5.00                    |
| WI .....    | 5,000          | 4,700        | 4,700             | 1,450             | 1,387             | 1,105               | 6.90                    | 6.85                    | 7.40                    |
| Total ..... | 74,580         | 75,680       | 74,300            | 25,137            | 23,793            | 21,926              | 11.00                   | 12.90                   | 10.60                   |
| HI .....    | 650            | 600          | 550               | 130               | 153               | 143                 | 21.00                   | 18.00                   | 23.00                   |
| US .....    | 75,230         | 76,280       | 74,850            | 25,267            | 23,946            | 22,069              | 11.10                   | 12.90                   | 10.60                   |

<sup>1</sup> Preliminary. <sup>2</sup> Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1997, 591,000 cwt; 1998, 404,000 cwt; and 1999, 463,000 cwt.

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**Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 1997–99**

| State                           | Area harvested |              |                   | Production        |                   |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| NY .....                        | 2,300          | 3,000        | 2,400             | 69,230            | 61,800            | 68,180            | 46.30                  | 46.40                  | 49.00                  |
| WI .....                        | 2,100          | 2,600        | 2,700             | 80,140            | 76,280            | 80,650            | 43.10                  | 39.80                  | 39.00                  |
| Other States <sup>2</sup> ..... | 1,090          | 1,450        | 1,080             | 34,300            | 34,470            | 29,050            | 47.80                  | 52.70                  | 74.40                  |
| US .....                        | 5,490          | 7,050        | 6,180             | 183,670           | 172,550           | 177,880           | 45.20                  | 44.70                  | 48.60                  |

<sup>1</sup> Preliminary. <sup>2</sup> 1997–99 - MI, OH, OR, and WA.

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**Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 1997-99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 17,700         | 18,500       | 18,500            | 4,514             | 4,625             | 4,995             | 19.20                   | 13.90                   | 13.80                   |
| CA ..... | 62,300         | 58,000       | 64,500            | 13,083            | 12,760            | 13,545            | 17.70                   | 17.10                   | 17.00                   |
| CO ..... | 1,600          | 1,900        | 1,900             | 352               | 304               | 342               | 15.00                   | 13.40                   | 13.60                   |
| GA ..... | 4,100          | 5,000        | 6,500             | 574               | 600               | 1,105             | 11.70                   | 16.80                   | 13.40                   |
| IN ..... | 3,500          | 3,200        | 3,200             | 455               | 624               | 576               | 16.00                   | 16.80                   | 15.50                   |
| MD ..... | 1,200          | 1,600        | 1,600             | 132               | 128               | 128               | 21.00                   | 21.00                   | 26.00                   |
| MI ..... | 950            | 750          | 700               | 143               | 113               | 98                | 19.80                   | 19.00                   | 17.30                   |
| OH ..... | 660            | 610          | 650               | 109               | 113               | 81                | 17.00                   | 18.20                   | 21.30                   |
| PA ..... | 1,000          | 1,000        | 1,000             | 120               | 125               | 120               | 16.50                   | 17.00                   | 16.00                   |
| TX ..... | 9,700          | 10,000       | 11,100            | 1,358             | 2,100             | 1,998             | 20.00                   | 31.90                   | 28.40                   |
| US ..... | 102,710        | 100,560      | 109,650           | 20,840            | 21,492            | 22,988            | 18.00                   | 17.80                   | 17.10                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 1997-99**

| State                           | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|---------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ .....                        | 2,500          | 2,500        | 1,900             | 663               | 625               | 475               | 13.30                   | 12.50                   | 15.20                   |
| CA .....                        | 83,200         | 86,500       | 87,000            | 29,998            | 29,843            | 31,320            | 13.00                   | 11.40                   | 17.30                   |
| CO .....                        | 4,800          | 4,000        | 3,700             | 2,400             | 1,600             | 1,850             | 10.00                   | 10.60                   | 9.70                    |
| FL .....                        | 7,600          | 5,600        | .....             | 1,216             | 700               | .....             | 13.60                   | 16.20                   | .....                   |
| MI .....                        | 5,300          | 4,600        | 4,700             | 1,325             | 1,334             | 1,316             | 12.50                   | 13.10                   | 10.70                   |
| MN .....                        | 1,000          | 550          | .....             | 400               | 204               | .....             | 8.60                    | 11.00                   | .....                   |
| NY .....                        | 600            | 500          | 750               | 168               | 150               | 225               | 16.00                   | 16.00                   | 24.20                   |
| TX .....                        | 2,400          | 4,000        | 5,100             | 396               | 980               | 1,020             | 17.30                   | 20.50                   | 30.00                   |
| WA .....                        | 2,800          | 3,000        | 2,600             | 1,120             | 1,140             | 1,040             | 14.00                   | 14.10                   | 17.30                   |
| Other States <sup>2</sup> ..... | 1,180          | 850          | 880               | 903               | 657               | 591               | 14.00                   | 16.00                   | 12.20                   |
| US .....                        | 111,380        | 112,100      | 106,630           | 38,589            | 37,233            | 37,837            | 12.90                   | 12.00                   | 17.00                   |

<sup>1</sup> Preliminary. <sup>2</sup> 1997-98 - OH and OR. 1999 - MN and OR.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 1997-99**

| State                           | Area harvested |              |                   | Production  |             |                   | Value per unit          |                         |                         |
|---------------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|-------------------------|-------------------------|-------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997        | 1998        | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per tons</i> | <i>Dollars per tons</i> | <i>Dollars per tons</i> |
| CA .....                        | 2,700          | 4,500        | 4,400             | 86,510      | 141,300     | 136,970           | 65.50                   | 66.90                   | 79.70                   |
| MI .....                        | 1,500          | 1,600        | 1,500             | 37,500      | 30,400      | 39,000            | 62.40                   | 59.40                   | 67.60                   |
| MN .....                        | 1,000          | 1,000        | 1,000             | 20,430      | 18,400      | 18,000            | 81.00                   | 65.00                   | 65.00                   |
| NY .....                        | 1,500          | 1,200        | 1,200             | 25,500      | 27,600      | 25,530            | 61.30                   | 63.90                   | 66.50                   |
| OR .....                        | 350            | 480          | 210               | 8,980       | 12,370      | 4,670             | 56.60                   | 70.00                   | 55.90                   |
| TX .....                        | 3,100          | 2,700        | 1,900             | 62,000      | 20,250      | 28,120            | 78.00                   | 94.00                   | 59.00                   |
| WA .....                        | 7,000          | 6,500        | 7,000             | 210,000     | 182,000     | 203,000           | 64.00                   | 67.00                   | 66.00                   |
| WI <sup>2</sup> .....           | 3,300          | 4,000        | 4,600             | 80,850      | 89,160      | 95,680            | 72.80                   | 73.80                   | 66.10                   |
| Other States <sup>3</sup> ..... | 1,910          | 1,800        | 1,250             | 37,680      | 27,800      | 24,670            | 66.40                   | 63.80                   | 68.70                   |
| US .....                        | 22,360         | 23,780       | 23,060            | 569,450     | 549,280     | 575,640           | 67.40                   | 68.30                   | 69.10                   |

<sup>1</sup> Preliminary. <sup>2</sup> Mostly processing. <sup>3</sup> 1997-98 - NJ and OH. 1999 - IA, NJ, and OH.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1990-99<sup>1</sup>**

| Year                    | Total crop       |                |                   |                    |                      | For fresh market  |                    |                      | For processing |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------|--------------------|----------------------|----------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      | Production        | Value <sup>2</sup> |                      | Production     | Value <sup>3</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                   | Per cwt.           | Total                |                | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Tons</i>    | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 65,000           | 119            | 7,764             | 24.20              | 187,991              | 6,540             | 25.10              | 164,255              | 61,180         | 388.00             | 23,736               |
| 1991 .....              | 55,100           | 125            | 6,903             | 26.80              | 184,756              | 6,157             | 27.10              | 166,743              | 37,300         | 483.00             | 18,013               |
| 1992 .....              | 55,300           | 125            | 6,904             | 28.10              | 193,937              | 6,072             | 29.00              | 175,935              | 41,600         | 433.00             | 18,003               |
| 1993 .....              | 60,600           | 130            | 7,884             | 30.00              | 236,681              | 7,011             | 31.00              | 217,450              | 43,660         | 440.00             | 19,231               |
| 1994 .....              | 58,800           | 139            | 8,190             | 28.30              | 231,411              | 7,345             | 28.80              | 211,529              | 42,290         | 470.00             | 19,882               |
| 1995 .....              | 53,350           | 137            | 7,315             | 33.30              | 243,778              | 6,484             | 34.70              | 225,020              | 41,550         | 451.00             | 18,758               |
| 1996 .....              | 48,200           | 153            | 7,354             | 32.30              | 237,342              | 6,801             | 33.00              | 224,168              | 27,640         | 477.00             | 13,174               |
| 1997 .....              | 43,500           | 158            | 6,889             | 31.60              | 217,534              | 6,323             | 32.30              | 203,957              | 28,300         | 480.00             | 13,577               |
| 1998 .....              | 44,200           | 156            | 6,897             | 32.80              | 226,560              | 5,468             | 34.50              | 188,477              | 71,450         | 533.00             | 38,083               |
| 1999 <sup>4</sup> ..... | 46,400           | 167            | 7,742             | 28.10              | 217,328              | 7,368             | 28.30              | 208,301              | 18,690         | 483.00             | 9,027                |

<sup>1</sup> Includes heading (cauliflower) broccoli. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Price and value at processing plant door. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997-99<sup>1</sup>**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 3,900          | 3,400        | 3,900             | 780               | 714               | 1,170             | 33.20                   | 45.80                   | 37.30                   |
| CA ..... | 37,500         | 39,000       | 41,000            | 5,790             | 5,850             | 6,355             | 31.40                   | 31.20                   | 26.20                   |
| MI ..... | 400            | 400          | 400               | 56                | 60                | 52                | 25.90                   | 26.20                   | 20.00                   |
| NY ..... | 1,000          | 1,400        | 1,100             | 200               | 273               | 165               | 34.80                   | 35.30                   | 38.30                   |
| TX ..... | 700            | .....        | .....             | 63                | .....             | .....             | 22.70                   | .....                   | .....                   |
| US ..... | 43,500         | 44,200       | 46,400            | 6,889             | 6,897             | 7,742             | 31.60                   | 32.80                   | 28.10                   |

| State                          | For fresh market  |                   |                   |                         |                         |                         | For processing |             |                   |                        |                        |                        |
|--------------------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                | Production        |                   |                   | Value per unit          |                         |                         | Production     |             |                   | Value per unit         |                        |                        |
|                                | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       | 1997           | 1998        | 1999 <sup>2</sup> | 1997                   | 1998                   | 1999 <sup>2</sup>      |
|                                | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Tons</i>    | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| AZ .....                       | 780               | 714               | 1,170             | 33.20                   | 45.80                   | 37.30                   | .....          | .....       | .....             | .....                  | .....                  | .....                  |
| OtherStates <sup>3</sup> ..... | 5,543             | 4,754             | 6,198             | 32.10                   | 32.80                   | 26.60                   | 28,300         | 71,450      | 18,690            | 480.00                 | 533.00                 | 483.00                 |
| US .....                       | 6,323             | 5,468             | 7,368             | 32.30                   | 34.50                   | 28.30                   | 28,300         | 71,450      | 18,690            | 480.00                 | 533.00                 | 483.00                 |

<sup>1</sup> Includes heading (cauliflower) broccoli. <sup>2</sup> Preliminary. <sup>3</sup> 1997 - CA, MI, NY, and TX. 1998 - CA and MI. 1999 - CA, MI, and NY.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1997–99<sup>1</sup>**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 24,000         | 24,500       | 25,000            | 16,680            | 16,666            | 17,500            | 14.80                   | 12.20                   | 11.70                   |
| MI ..... | 2,300          | 2,200        | 1,900             | 1,081             | 1,034             | 855               | 13.30                   | 12.90                   | 12.90                   |
| OH ..... | 10             | .....        | .....             | 4                 | .....             | .....             | 24.00                   | .....                   | .....                   |
| TX ..... | 600            | 500          | 600               | 354               | 300               | 372               | 12.70                   | 13.90                   | 10.10                   |
| US ..... | 26,910         | 27,200       | 27,500            | 18,119            | 18,000            | 18,727            | 14.70                   | 12.30                   | 11.70                   |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99<sup>1</sup>**

| Year       | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      | Year                    | Area for harvest | Yield per acre | Production        | Value <sup>2</sup> |                      |
|------------|------------------|----------------|-------------------|--------------------|----------------------|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|
|            |                  |                |                   | Per cwt.           | Total                |                         |                  |                |                   | Per cwt.           | Total                |
|            | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 ..... | 37,660           | 526            | 19,816            | 10.80              | 214,708              | 1995 .....              | 27,550           | 658            | 18,120            | 16.30              | 294,971              |
| 1991 ..... | 33,010           | 578            | 19,089            | 10.80              | 205,689              | 1996 .....              | 27,840           | 683            | 19,015            | 10.50              | 199,877              |
| 1992 ..... | 35,580           | 592            | 21,052            | 12.30              | 258,662              | 1997 .....              | 26,910           | 673            | 18,119            | 14.70              | 266,321              |
| 1993 ..... | 28,220           | 645            | 18,215            | 14.80              | 270,082              | 1998 .....              | 27,200           | 662            | 18,000            | 12.30              | 220,623              |
| 1994 ..... | 28,500           | 660            | 18,798            | 11.80              | 220,892              | 1999 <sup>3</sup> ..... | 27,500           | 681            | 18,727            | 11.70              | 219,625              |

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing. <sup>2</sup> Price and value on f.o.b. basis. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-24.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1990–99**

| Year                    | For fresh market |                |                   |                    |                      | For processing   |                |             |                    |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|------------------|----------------|-------------|--------------------|----------------------|
|                         | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      | Area for harvest | Yield per acre | Production  | Value <sup>2</sup> |                      |
|                         |                  |                |                   | Per cwt.           | Total                |                  |                |             | Per ton            | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> | <i>Acres</i>     | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 193,400          | 90             | 17,455            | 15.00              | 261,258              | 490,080          | 6.37           | 3,120,610   | 69.60              | 217,040              |
| 1991 .....              | 183,200          | 85             | 15,527            | 17.00              | 264,185              | 545,860          | 6.22           | 3,396,080   | 71.00              | 241,112              |
| 1992 .....              | 221,200          | 84             | 18,473            | 14.60              | 270,576              | 486,370          | 6.69           | 3,251,570   | 64.50              | 209,583              |
| 1993 .....              | 209,800          | 90             | 18,848            | 17.80              | 335,716              | 472,060          | 5.76           | 2,721,190   | 72.40              | 197,112              |
| 1994 .....              | 225,900          | 98             | 22,121            | 17.20              | 380,213              | 516,100          | 7.23           | 3,731,040   | 68.60              | 256,087              |
| 1995 .....              | 225,200          | 97             | 21,792            | 18.30              | 397,769              | 483,910          | 6.87           | 3,324,150   | 75.60              | 251,156              |
| 1996 .....              | 227,800          | 102            | 23,127            | 16.90              | 390,737              | 474,200          | 6.95           | 3,296,330   | 78.50              | 258,840              |
| 1997 .....              | 236,400          | 100            | 23,641            | 17.70              | 418,617              | 465,800          | 7.18           | 3,342,330   | 74.90              | 250,329              |
| 1998 <sup>3</sup> ..... | 237,400          | 111            | 26,311            | 17.20              | 452,410              | 467,300          | 6.97           | 3,255,560   | 73.30              | 238,748              |
| 1999 <sup>3</sup> ..... | 242,300          | 112            | 27,248            | 16.80              | 458,632              | 466,800          | 7.06           | 3,297,910   | 71.10              | 234,448              |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Price and value at processing plant door. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997–99**

| Utilization and State           | Area harvest |              |                   | Production              |                         |                         | Value per unit          |                         |                         |
|---------------------------------|--------------|--------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                 | 1997         | 1998         | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       | 1997                    | 1998                    | 1999 <sup>1</sup>       |
| <b>FOR FRESH MARKET</b>         | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>       | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL .....                        | 2,600        | 1,100        | 2,100             | 130                     | 61                      | 147                     | 17.00                   | 16.00                   | 14.50                   |
| CA .....                        | 27,000       | 32,000       | 31,000            | 3,915                   | 5,600                   | 5,735                   | 17.20                   | 15.80                   | 15.80                   |
| CO .....                        | 6,300        | 6,900        | 6,700             | 1,040                   | 1,104                   | 1,072                   | 8.70                    | 11.00                   | 7.30                    |
| CT .....                        | 4,700        | 4,500        | 3,800             | 282                     | 293                     | 190                     | 24.00                   | 27.00                   | 24.00                   |
| FL .....                        | 42,700       | 40,300       | 37,800            | 5,978                   | 5,844                   | 5,292                   | 21.30                   | 17.90                   | 20.00                   |
| GA .....                        | 18,000       | 18,000       | 21,000            | 2,340                   | 2,700                   | 3,780                   | 10.70                   | 12.90                   | 14.00                   |
| IL .....                        | 7,500        | 6,800        | 6,900             | 705                     | 530                     | 531                     | 14.60                   | 17.60                   | 20.50                   |
| IN .....                        | 6,300        | 6,000        | 6,100             | 460                     | 414                     | 415                     | 21.70                   | 21.10                   | 21.70                   |
| ME .....                        | 2,400        | 2,300        | 2,500             | 132                     | 127                     | 138                     | 33.00                   | 33.00                   | 31.00                   |
| MA .....                        | 7,100        | 6,400        | 6,300             | 497                     | 416                     | 441                     | 26.00                   | 30.00                   | 31.00                   |
| MI .....                        | 11,500       | 10,000       | 10,600            | 978                     | 750                     | 742                     | 17.80                   | 17.20                   | 17.90                   |
| NH .....                        | 1,900        | 1,800        | 1,800             | 114                     | 108                     | 108                     | 36.00                   | 38.00                   | 36.00                   |
| NJ .....                        | 11,500       | 10,600       | 8,000             | 633                     | 689                     | 440                     | 20.10                   | 19.40                   | 15.00                   |
| NY .....                        | 27,300       | 29,200       | 33,700            | 1,993                   | 2,628                   | 3,202                   | 14.90                   | 18.10                   | 16.30                   |
| NC .....                        | 6,500        | 6,600        | 7,000             | 715                     | 594                     | 560                     | 13.50                   | 13.40                   | 14.10                   |
| OH .....                        | 14,200       | 14,000       | 15,100            | 1,051                   | 1,078                   | 1,133                   | 17.40                   | 18.60                   | 15.90                   |
| OR .....                        | 2,600        | 3,800        | 6,800             | 390                     | 665                     | 1,088                   | 14.00                   | 11.00                   | 11.50                   |
| PA .....                        | 16,000       | 17,100       | 15,800            | 880                     | 1,026                   | 695                     | 28.30                   | 23.40                   | 23.50                   |
| RI .....                        | 1,100        | 1,000        | 800               | 77                      | 80                      | 44                      | 27.00                   | 33.00                   | 32.00                   |
| TX .....                        | 5,000        | 4,800        | 4,500             | 250                     | 432                     | 450                     | 14.80                   | 19.50                   | 17.30                   |
| VT .....                        | 1,300        | 1,100        | 1,000             | 98                      | 72                      | 55                      | 26.00                   | 28.00                   | 31.00                   |
| VA .....                        | 3,000        | 3,000        | 3,100             | 84                      | 111                     | 71                      | 17.80                   | 34.00                   | 31.00                   |
| WA .....                        | 2,400        | 2,200        | 2,000             | 336                     | 286                     | 240                     | 11.10                   | 13.20                   | 14.90                   |
| WI .....                        | 7,500        | 7,900        | 7,900             | 563                     | 703                     | 679                     | 13.40                   | 15.40                   | 14.00                   |
| US .....                        | 236,400      | 237,400      | 242,300           | 23,641                  | 26,311                  | 27,248                  | 17.70                   | 17.20                   | 16.80                   |
| <b>FOR PROCESSING</b>           | <i>Acres</i> | <i>Acres</i> | <i>Acres</i>      | <i>Tons<sup>2</sup></i> | <i>Tons<sup>2</sup></i> | <i>Tons<sup>2</sup></i> | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  | <i>Dollars per ton</i>  |
| ID .....                        | 14,300       | 16,100       | 15,300            | 135,850                 | 144,900                 | 140,610                 | 78.50                   | 76.20                   | 82.20                   |
| IL .....                        | 18,000       | 14,500       | 16,100            | 106,200                 | 91,350                  | 96,600                  | 97.90                   | 90.10                   | 96.20                   |
| MI .....                        | 127,200      | 129,200      | 125,700           | 814,080                 | 822,720                 | 804,270                 | 73.00                   | 71.00                   | 69.00                   |
| MN .....                        | 39,300       | 39,200       | 32,500            | 251,520                 | 219,660                 | 179,390                 | 60.10                   | 70.60                   | 70.60                   |
| NY .....                        | 41,000       | 37,300       | 44,000            | 353,000                 | 311,920                 | 358,270                 | 83.80                   | 83.70                   | 81.70                   |
| OR .....                        | 2,700        | 2,800        | 2,800             | 19,200                  | 18,150                  | 13,370                  | 83.80                   | 82.30                   | 67.60                   |
| PA .....                        | 87,700       | 98,300       | 97,400            | 778,780                 | 823,730                 | 823,290                 | 74.70                   | 75.20                   | 73.50                   |
| WA .....                        | 109,600      | 102,700      | 106,100           | 716,780                 | 657,280                 | 699,520                 | 73.90                   | 61.80                   | 56.00                   |
| WI .....                        | .....        | .....        | .....             | .....                   | .....                   | .....                   | .....                   | .....                   | .....                   |
| Other States <sup>3</sup> ..... | 26,000       | 27,200       | 26,900            | 166,920                 | 165,850                 | 182,590                 | 74.20                   | 92.70                   | 85.40                   |
| US .....                        | 465,800      | 467,300      | 466,800           | 3,342,330               | 3,255,560               | 3,297,910               | 74.90                   | 73.30                   | 71.10                   |
| Grand total .....               | 702,200      | 704,700      | 709,100           | 4,524,380               | 4,571,110               | 4,660,310               | .....                   | .....                   | .....                   |

<sup>1</sup> Preliminary. <sup>2</sup> Tonnage in husk. <sup>3</sup> Processing, 1997 - DE, IN, IA, MD, NJ, and TN. 1998 - DE, IA, MD, NJ, TN, and VA. 1999 - DE, IA, MD, NJ, and TN.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State       | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|             | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA .....    | 6,300          | 6,000        | 6,500             | 1,985             | 1,920             | 2,015             | 24.70                   | 30.90                   | 27.20                   |
| FL .....    | 10,600         | 9,100        | 10,700            | 3,286             | 2,594             | 3,371             | 20.00                   | 20.00                   | 18.30                   |
| GA .....    | 13,000         | 13,000       | 14,000            | 2,210             | 2,600             | 2,660             | 12.20                   | 13.90                   | 12.00                   |
| MD .....    | 1,200          | 1,300        | 1,200             | 54                | 112               | 78                | 21.00                   | 25.00                   | 30.00                   |
| MI .....    | 6,400          | 6,500        | 6,600             | 1,280             | 1,235             | 1,452             | 14.10                   | 17.30                   | 15.50                   |
| NJ .....    | 3,200          | 3,100        | 3,000             | 416               | 558               | 420               | 16.80                   | 19.30                   | 17.60                   |
| NY .....    | 3,000          | 3,800        | 3,600             | 600               | 760               | 648               | 21.40                   | 19.30                   | 26.00                   |
| NC .....    | 5,500          | 6,000        | 6,100             | 660               | 750               | 641               | 10.00                   | 13.50                   | 11.00                   |
| SC .....    | 1,700          | 2,000        | 1,900             | 187               | 160               | 114               | 25.00                   | 28.00                   | 23.50                   |
| TX .....    | 1,700          | 1,500        | 1,800             | 289               | 113               | 162               | 14.50                   | 23.80                   | 23.40                   |
| VA .....    | 4,400          | 4,500        | 4,000             | 550               | 401               | 300               | 11.50                   | 22.00                   | 13.00                   |
| Total ..... | 57,000         | 56,800       | 59,400            | 11,517            | 11,203            | 11,861            | 17.60                   | 19.90                   | 18.10                   |
| HI .....    | 450            | 480          | 500               | 54                | 60                | 60                | 40.00                   | 42.00                   | 43.00                   |
| US .....    | 57,450         | 57,280       | 59,900            | 11,571            | 11,263            | 11,921            | 17.70                   | 20.00                   | 18.20                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1990–99**

| Year                    | For processing |                |                |                      |             | Pickle stocks on hand Dec. 1 <sup>2</sup> |
|-------------------------|----------------|----------------|----------------|----------------------|-------------|---|
|                         | Area harvested | Yield per acre | Production     | Value <sup>1</sup>   |             |   |
|                         |                |                |                | Per ton              | Total       |   |
| <i>Acres</i>            | <i>Tons</i>    | <i>Tons</i>    | <i>Dollars</i> | <i>1,000 dollars</i> | <i>Tons</i> |   |
| 1990 .....              | 115,490        | 5.66           | 653,480        | 209.00               | 136,313     | 492,180                                   |
| 1991 .....              | 104,240        | 5.98           | 623,030        | 210.00               | 130,847     | 461,630                                   |
| 1992 .....              | 102,510        | 5.44           | 558,070        | 211.00               | 117,585     | 421,380                                   |
| 1993 .....              | 109,150        | 5.38           | 586,980        | 215.00               | 126,255     | 451,560                                   |
| 1994 .....              | 116,640        | 5.43           | 633,518        | 219.00               | 139,044     | 458,150                                   |
| 1995 .....              | 117,090        | 5.22           | 611,180        | 222.00               | 135,933     | 372,600                                   |
| 1996 .....              | 105,200        | 5.36           | 563,689        | 248.00               | 139,985     | 392,970                                   |
| 1997 .....              | 103,370        | 6.00           | 620,100        | 234.00               | 145,371     | 282,190                                   |
| 1998 .....              | 102,870        | 5.77           | 593,720        | 237.00               | 140,553     | 359,512                                   |
| 1999 <sup>3</sup> ..... | 102,800        | 5.96           | 612,650        | 240.00               | 146,811     | 450,841                                   |

<sup>1</sup> Price and value at processing plant door. <sup>2</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Dec. 1 includes stocks of fresh-pack pickles. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1997–99**

| State                     | Area harvested |              |                   | Production  |             |                   | Value per unit         |                        |                        |
|---------------------------|----------------|--------------|-------------------|-------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                           | 1997           | 1998         | 1999 <sup>1</sup> | 1997        | 1998        | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                           | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i> | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| CA .....                  | 4,200          | 4,500        | 4,400             | 30,200      | 29,520      | 44,000            | 296.00                 | 235.00                 | 280.00                 |
| CO .....                  | 720            | 160          | .....             | 6,080       | 1,440       | .....             | 180.00                 | 160.00                 | .....                  |
| FL .....                  | 6,100          | 7,000        | 6,700             | 79,300      | 59,500      | 50,920            | 418.00                 | 390.00                 | 385.00                 |
| IN .....                  | 2,000          | 2,000        | 1,800             | 9,940       | 12,160      | 9,110             | 171.00                 | 166.00                 | 172.00                 |
| MI .....                  | 26,000         | 26,000       | 26,500            | 135,200     | 130,000     | 159,000           | 152.00                 | 169.00                 | 164.00                 |
| NC .....                  | 18,000         | 17,500       | 16,200            | 72,000      | 78,750      | 77,920            | 225.00                 | 220.00                 | 265.00                 |
| OH .....                  | 2,900          | 2,900        | 2,500             | 35,550      | 35,320      | 29,180            | 345.00                 | 299.00                 | 347.00                 |
| SC .....                  | 3,800          | 2,100        | 1,700             | 11,400      | 6,010       | 5,270             | 230.00                 | 200.00                 | 215.00                 |
| TX .....                  | 8,300          | 9,400        | 9,600             | 53,950      | 59,220      | 54,720            | 218.00                 | 332.00                 | 340.00                 |
| WI .....                  | 4,200          | 4,200        | 3,800             | 33,180      | 31,880      | 26,790            | 115.00                 | 170.00                 | 153.00                 |
| Other States <sup>2</sup> | 27,150         | 27,110       | 29,600            | 153,300     | 149,920     | 155,740           | 217.00                 | 214.00                 | 210.00                 |
| US .....                  | 103,370        | 102,870      | 102,800           | 620,100     | 593,720     | 612,650           | 234.00                 | 237.00                 | 240.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 1997-99 - AL, DE, GA, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| FL ..... | 2,300          | 2,200        | 2,000             | 598               | 528               | 540               | 26.00                   | 30.00                   | 31.90                   |
| NJ ..... | 1,000          | 1,000        | 800               | 195               | 240               | 172               | 17.60                   | 25.30                   | 24.80                   |
| US ..... | 3,300          | 3,200        | 2,800             | 793               | 768               | 712               | 23.90                   | 28.50                   | 30.20                   |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| FL ..... | 1,600          | 1,500        | 1,500             | 280               | 330               | 330               | 25.00                   | 35.00                   | 25.00                   |
| NJ ..... | 900            | 900          | 800               | 162               | 149               | 116               | 22.30                   | 28.40                   | 28.00                   |
| OH ..... | 600            | 530          | 580               | 114               | 101               | 78                | 23.00                   | 23.70                   | 33.50                   |
| US ..... | 3,100          | 2,930        | 2,880             | 556               | 580               | 524               | 23.80                   | 31.30                   | 26.90                   |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-31.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99**

| Year                   | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      |
|------------------------|------------------|----------------|-------------------|--------------------|----------------------|
|                        |                  |                |                   | Per cwt.           | Total                |
|                        | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....             | 26,400           | 171            | 4,503             | 18.00              | 81,218               |
| 1991 .....             | 25,900           | 144            | 3,737             | 18.40              | 68,895               |
| 1992 .....             | 26,200           | 181            | 4,740             | 13.50              | 63,811               |
| 1993 .....             | 23,300           | 163            | 3,792             | 18.20              | 68,888               |
| 1994 .....             | 27,100           | 174            | 4,724             | 16.40              | 77,473               |
| 1995 .....             | 26,000           | 167            | 4,332             | 20.60              | 89,193               |
| 1996 .....             | 27,300           | 174            | 4,737             | 17.00              | 80,405               |
| 1997 .....             | 26,600           | 182            | 4,828             | 18.90              | 91,040               |
| 1998 .....             | 25,500           | 192            | 4,887             | 21.10              | 103,291              |
| 1999 <sup>2</sup> .... | 28,500           | 215            | 6,132             | 20.70              | 126,717              |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.



**Table 4-32.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 4,100          | 4,200        | 4,200             | 718               | 840               | 1,029             | 18.50                   | 20.20                   | 19.20                   |
| CA ..... | 20,500         | 19,000       | 21,500            | 3,690             | 3,610             | 4,515             | 18.50                   | 19.30                   | 19.90                   |
| TX ..... | 2,000          | 2,300        | 2,800             | 420               | 437               | 588               | 22.60                   | 38.10                   | 29.10                   |
| US ..... | 26,600         | 25,500       | 28,500            | 4,828             | 4,887             | 6,132             | 18.90                   | 21.10                   | 20.70                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-33.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1997–99**

| State         | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|---------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|               | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|               | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ:           |                |              |                   |                   |                   |                   |                         |                         |                         |
| Western ..... | 51,800         | 51,000       | 44,000            | 16,835            | 17,850            | 14,740            | 11.60                   | 15.80                   | 12.20                   |
| Other .....   | 3,000          | 4,000        | 1,400             | 510               | 808               | 434               | 18.00                   | 21.80                   | 11.00                   |
| CA .....      | 141,000        | 135,000      | 147,500           | 49,350            | 42,525            | 56,050            | 19.40                   | 16.30                   | 13.70                   |
| CO .....      | 2,300          | 2,700        | 2,000             | 759               | 864               | 680               | 14.60                   | 10.80                   | 9.80                    |
| NJ .....      | 1,300          | 1,300        | 1,100             | 364               | 260               | 132               | 27.10                   | 32.20                   | 18.50                   |
| NM .....      | 2,000          | 2,900        | 1,800             | 600               | 740               | 490               | 22.40                   | 9.35                    | 9.10                    |
| NY .....      | 700            | 600          | 500               | 196               | 165               | 105               | 15.00                   | 20.00                   | 31.80                   |
| WA .....      | 900            | 900          | 800               | 180               | 189               | 168               | 15.10                   | 14.30                   | 10.80                   |
| US .....      | 203,000        | 198,400      | 199,100           | 68,794            | 63,401            | 72,799            | 17.50                   | 16.10                   | 13.30                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-34.—Head lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99**

| Year                    | Area for harvest | Yield per acre | Production        | Value <sup>1</sup> |                      |
|-------------------------|------------------|----------------|-------------------|--------------------|----------------------|
|                         |                  |                |                   | Per cwt.           | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 231,300          | 316            | 73,201            | 11.50              | 844,142              |
| 1991 .....              | 222,140          | 319            | 70,778            | 11.40              | 810,186              |
| 1992 .....              | 215,120          | 329            | 70,810            | 12.50              | 882,240              |
| 1993 .....              | 207,810          | 327            | 67,811            | 16.00              | 1,086,716            |
| 1994 .....              | 220,950          | 317            | 70,058            | 13.30              | 934,472              |
| 1995 .....              | 197,160          | 316            | 62,349            | 23.50              | 1,463,348            |
| 1996 .....              | 217,600          | 285            | 62,072            | 14.70              | 912,586              |
| 1997 .....              | 203,000          | 339            | 68,794            | 17.50              | 1,201,899            |
| 1998 .....              | 198,400          | 320            | 63,401            | 16.10              | 1,023,427            |
| 1999 <sup>2</sup> ..... | 199,100          | 336            | 72,799            | 13.30              | 971,205              |

<sup>1</sup> Price and value on f.o.b. basis. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-35.—Leaf lettuce for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 5,700          | 7,300        | 5,500             | 1,568             | 1,971             | 1,485             | 31.70                   | 21.00                   | 26.60                   |
| CA ..... | 42,000         | 38,000       | 36,000            | 8,660             | 8,170             | 7,920             | 28.30                   | 30.50                   | 23.80                   |
| FL ..... | 260            | 250          | 200               | 26                | 44                | 46                | 29.50                   | 42.60                   | 19.00                   |
| OH ..... | 650            | 670          | 480               | 133               | 124               | 62                | 25.50                   | 26.10                   | 22.70                   |
| US ..... | 48,610         | 46,220       | 42,180            | 10,387            | 10,309            | 9,513             | 28.80                   | 28.70                   | 24.20                   |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-36.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AZ ..... | 8,200          | 9,800        | 9,800             | 2,624             | 3,038             | 2,744             | 19.50                   | 22.10                   | 15.10                   |
| CA ..... | 25,000         | 26,000       | 26,500            | 7,000             | 7,280             | 7,420             | 19.20                   | 21.60                   | 17.80                   |
| FL ..... | 600            | 1,000        | 600               | 129               | 230               | 102               | 20.10                   | 39.30                   | 16.40                   |
| OH ..... | 550            | 650          | 670               | 105               | 117               | 171               | 26.50                   | 24.40                   | 21.00                   |
| US ..... | 34,350         | 37,450       | 37,570            | 9,858             | 10,665            | 10,437            | 19.40                   | 22.20                   | 17.10                   |

<sup>1</sup> Preliminary.

NASS, Crops Branch, (202) 720-2127.

**Table 4-37.—Misc Crops for fresh market and processing: Area, production, and value per hundredweight, by States, 1997–99**

| Crop                   | Area harvested |              |              | Production        |                   |                   | Value per unit          |                         |                         |
|------------------------|----------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                        | 1997           | 1998         | 1999         | 1997              | 1998              | 1999              | 1997                    | 1998                    | 1999                    |
|                        | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| Artichokes .....       | 9,300          | 9,700        | 9,800        | 930               | 873               | 1,125             | 79.50                   | 70.60                   | 56.60                   |
| Brussels Sprouts ..... | 3,200          | 3,200        | 3,200        | 512               | 512               | 416               | 41.40                   | 41.00                   | 35.40                   |
| Garlic .....           | 33,000         | 38,000       | 40,000       | 5,610             | 5,510             | 6,600             | 47.90                   | 37.70                   | 30.20                   |

NASS, Crops Branch, (202) 720-2127.

**Table 4-38.—Onions (fresh market): Foreign trade, United States, 1989–98<sup>1</sup>**

| Year beginning July | Imports           | Domestic exports  | Year beginning July | Imports           | Domestic exports  |
|---------------------|-------------------|-------------------|---------------------|-------------------|-------------------|
|                     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |                     | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| 1989 .....          | 3,885             | 2,663             | 1994 .....          | 4,751             | 7,975             |
| 1990 .....          | 4,589             | 3,784             | 1995 .....          | 5,725             | 6,583             |
| 1991 .....          | 4,278             | 3,436             | 1996 .....          | 5,875             | 5,814             |
| 1992 .....          | 4,619             | 3,756             | 1997 .....          | 5,537             | 6,589             |
| 1993 .....          | 5,729             | 4,397             | 1998 .....          | 5,312             | 5,684             |

<sup>1</sup> Includes onion sets and pearl onions.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-39.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, and total value, United States, 1990–99<sup>1</sup>**

| Year                    | Area for harvest | Yield per acre | Production <sup>2</sup> | Shrinkage and loss | Value <sup>3</sup> |                      |
|-------------------------|------------------|----------------|-------------------------|--------------------|--------------------|----------------------|
|                         |                  |                |                         |                    | Per cwt.           | Total                |
|                         | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i>  | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 138,340          | 382            | 52,781                  | 6,141              | 10.50              | 488,786              |
| 1991 .....              | 133,970          | 378            | 50,702                  | 4,107              | 12.50              | 582,556              |
| 1992 .....              | 141,730          | 386            | 54,731                  | 6,206              | 13.00              | 629,019              |
| 1993 .....              | 158,080          | 380            | 60,124                  | 8,343              | 16.50              | 856,963              |
| 1994 .....              | 164,650          | 397            | 65,313                  | 6,138              | 10.80              | 639,397              |
| 1995 .....              | 166,800          | 392            | 65,374                  | 7,219              | 11.10              | 645,748              |
| 1996 .....              | 166,210          | 386            | 64,106                  | 6,678              | 10.50              | 604,789              |
| 1997 .....              | 165,910          | 414            | 68,769                  | 7,540              | 12.60              | 769,974              |
| 1998 .....              | 166,340          | 397            | 66,024                  | 6,368              | 13.85              | 826,141              |
| 1999 <sup>4</sup> ..... | 169,200          | 422            | 71,379                  | 7,393              | 10.20              | 654,282              |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Includes storage crop onions harvested but not sold because of shrinkage and waste. <sup>3</sup> Price and value on f.o.b. basis. <sup>4</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-40.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1997–99<sup>1</sup>**

| Season and State        | Area harvested |              |                   | Production        |                   |                   | Shrinkage and loss |                   |                   | Value per unit          |                         |                         |
|-------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|                         | 1997           | 1998         | 1999 <sup>2</sup> | 1997              | 1998              | 1999 <sup>2</sup> | 1997               | 1998              | 1999 <sup>2</sup> | 1997                    | 1998                    | 1999 <sup>2</sup>       |
|                         | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>  | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| Spring:                 |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| AZ .....                | 2,100          | 2,500        | 3,000             | 746               | 1,175             | 1,635             | .....              | .....             | .....             | 12.60                   | 15.30                   | 5.53                    |
| CA .....                | 9,600          | 9,100        | 7,300             | 4,320             | 4,050             | 3,212             | .....              | .....             | .....             | 14.30                   | 14.10                   | 11.90                   |
| GA .....                | 15,800         | 13,900       | 14,500            | 3,476             | 2,224             | 2,755             | .....              | .....             | .....             | 25.60                   | 30.90                   | 27.10                   |
| TX .....                | 9,800          | 11,400       | 12,700            | 2,107             | 2,907             | 3,620             | .....              | .....             | .....             | 16.90                   | 21.70                   | 17.40                   |
| Total .....             | 37,300         | 36,900       | 37,500            | 10,649            | 10,356            | 11,222            | .....              | .....             | .....             | 18.40                   | 20.00                   | 16.50                   |
| Summer:                 |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| Non-storage:            |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| NV .....                | 1,700          | 2,100        | 2,800             | 918               | 924               | 1,288             | .....              | .....             | .....             | 14.50                   | 14.00                   | 8.00                    |
| NM .....                | 7,700          | 7,200        | 7,100             | 3,619             | 3,312             | 3,195             | .....              | .....             | .....             | 14.40                   | 13.00                   | 16.00                   |
| TX .....                | 4,000          | 4,000        | 3,500             | 1,040             | 1,160             | 1,400             | .....              | .....             | .....             | 14.00                   | 23.40                   | 22.00                   |
| WA .....                | 900            | 850          | 800               | 333               | 255               | 288               | .....              | .....             | .....             | 17.40                   | 26.00                   | 24.40                   |
| Non-storage total ..... | 14,300         | 14,150       | 14,200            | 5,910             | 5,651             | 6,171             | .....              | .....             | .....             | 14.50                   | 15.90                   | 16.10                   |
| Storage:                |                |              |                   |                   |                   |                   |                    |                   |                   |                         |                         |                         |
| CA <sup>3</sup> .....   | 31,300         | 32,700       | 35,000            | 13,772            | 14,388            | 15,225            | 278                | 250               | 250               | 7.84                    | 9.70                    | 7.20                    |
| CO .....                | 15,300         | 16,000       | 14,500            | 5,355             | 6,080             | 5,365             | 1,392              | 1,090             | 1,235             | 12.50                   | 16.20                   | 11.70                   |
| ID .....                | 8,200          | 8,000        | 7,900             | 5,658             | 4,640             | 5,530             | 1,132              | 610               | 1,100             | 12.60                   | 13.00                   | 6.20                    |
| MI .....                | 4,900          | 4,200        | 4,000             | 1,568             | 1,092             | 1,080             | 313                | 218               | 216               | 8.90                    | 11.00                   | 10.00                   |
| MN .....                | 600            | 470          | 420               | 180               | 150               | 118               | 3                  | 3                 | 80                | 8.13                    | 8.00                    | 6.00                    |
| NY .....                | 12,200         | 12,500       | 12,600            | 3,660             | 3,750             | 3,528             | 351                | 563               | 416               | 12.70                   | 16.30                   | 13.40                   |
| OH .....                | 510            | 520          | 480               | 212               | 161               | 137               | 20                 | 20                | 14                | 9.00                    | 9.30                    | 8.00                    |
| OR (Malheur) .....      | 12,000         | 12,000       | 12,900            | 7,440             | 6,120             | 8,643             | 1,934              | 1,346             | 1,910             | 12.60                   | 13.00                   | 7.00                    |
| OR (Other) .....        | 7,400          | 7,500        | 7,200             | 3,330             | 3,300             | 3,600             | 533                | 363               | 540               | 15.60                   | 13.40                   | 7.80                    |
| UT .....                | 2,300          | 2,400        | 2,700             | 1,116             | 1,056             | 1,256             | 160                | 99                | 130               | 8.84                    | 11.00                   | 6.00                    |
| WA .....                | 17,500         | 17,000       | 18,000            | 9,100             | 8,500             | 8,820             | 1,350              | 1,750             | 1,420             | 12.10                   | 11.50                   | 7.10                    |
| WI .....                | 2,100          | 2,000        | 1,800             | 819               | 780               | 684               | 74                 | 56                | 82                | 6.00                    | 7.60                    | 8.00                    |
| Storage total .....     | 114,310        | 115,290      | 117,500           | 52,210            | 50,017            | 53,986            | 7,540              | 6,368             | 7,393             | 12.30                   | 12.13                   | 7.90                    |
| Total summer .....      | 128,610        | 129,440      | 131,700           | 58,120            | 55,668            | 60,157            | 7,540              | 6,368             | 7,393             | 11.40                   | 12.60                   | 8.90                    |
| US .....                | 165,910        | 166,340      | 169,200           | 68,769            | 66,024            | 71,379            | 7,540              | 6,368             | 7,393             | 12.60                   | 13.85                   | 10.20                   |

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary. <sup>3</sup> Primarily processing.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-41.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1990–99**

| Year              | Area harvested | Yield per acre           | Production  | Value <sup>1</sup> |                      |
|-------------------|----------------|--------------------------|-------------|--------------------|----------------------|
|                   |                |                          |             | Per ton            | Total                |
|                   | <i>Acres</i>   | <i>Tons</i> <sup>2</sup> | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 ..           | 341,100        | 1.55                     | 528,150     | 249.00             | 131,494              |
| 1991 ..           | 332,800        | 1.48                     | 491,110     | 261.00             | 128,071              |
| 1992 ..           | 332,820        | 1.71                     | 569,400     | 239.00             | 135,954              |
| 1993 ..           | 228,600        | 1.54                     | 351,080     | 251.00             | 88,004               |
| 1994 ..           | 289,410        | 1.69                     | 488,580     | 254.00             | 124,138              |
| 1995 ..           | 304,000        | 1.62                     | 492,590     | 267.00             | 131,762              |
| 1996 ..           | 249,800        | 1.67                     | 417,672     | 285.00             | 118,910              |
| 1997 ..           | 271,200        | 1.77                     | 480,000     | 288.00             | 138,482              |
| 1998 ..           | 273,900        | 1.77                     | 483,900     | 282.00             | 136,584              |
| 1999 <sup>3</sup> | 271,640        | 1.70                     | 461,590     | 275.00             | 126,925              |

<sup>1</sup>Price and value at processing plant door. <sup>2</sup>Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. <sup>3</sup>Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-42.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1997–99**

| State                           | Area harvested |              |                   | Production <sup>2</sup> |             |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------------------|-------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997                    | 1998        | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i>             | <i>Tons</i> | <i>Tons</i>       | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| MN .....                        | 75,200         | 72,900       | 81,400            | 111,300                 | 118,250     | 122,840           | 364.00                 | 334.00                 | 344.00                 |
| NY .....                        | 18,200         | 17,500       | 14,900            | 40,220                  | 38,500      | 31,730            | 210.00                 | 330.00                 | 314.00                 |
| OR .....                        | 27,800         | 30,600       | 35,400            | 42,810                  | 49,260      | 47,850            | 235.00                 | 243.00                 | 229.00                 |
| WA .....                        | 53,700         | 55,100       | 52,300            | 104,720                 | 109,950     | 98,430            | 242.00                 | 245.00                 | 229.00                 |
| WI .....                        | 58,000         | 53,600       | 43,700            | 104,310                 | 92,130      | 81,430            | 312.00                 | 237.00                 | 238.00                 |
| Other States <sup>3</sup> ..... | 38,300         | 44,200       | 43,940            | 76,640                  | 75,810      | 79,310            | 281.00                 | 312.00                 | 275.00                 |
| US .....                        | 271,200        | 273,900      | 271,640           | 480,000                 | 483,900     | 461,590           | 288.00                 | 282.00                 | 275.00                 |

<sup>1</sup>Preliminary. <sup>2</sup>Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. <sup>3</sup>1997-99 - CA, DE, ID, IL, IA, ME, MD, MI, NJ, PA, and TN.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-43.—Bell peppers for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 21,000         | 22,000       | 21,000            | 6,300             | 6,270             | 6,300             | 24.60                   | 27.20                   | 29.10                   |
| FL ..... | 19,700         | 19,100       | 21,400            | 5,910             | 5,921             | 6,527             | 42.60                   | 45.80                   | 34.40                   |
| LA ..... | 400            | 380          | 320               | 80                | 72                | 54                | 25.00                   | 23.00                   | 26.00                   |
| MI ..... | 1,700          | 1,800        | 2,000             | 374               | 360               | 400               | 20.90                   | 24.00                   | 24.00                   |
| NJ ..... | 4,200          | 4,100        | 3,800             | 1,092             | 943               | 817               | 26.40                   | 29.70                   | 24.80                   |
| NC ..... | 5,500          | 5,700        | 6,200             | 660               | 456               | 713               | 25.00                   | 24.00                   | 20.50                   |
| OH ..... | 1,400          | 1,400        | 1,400             | 203               | 266               | 170               | 30.50                   | 26.90                   | 23.40                   |
| TX ..... | 1,600          | 1,500        | 1,400             | 280               | 180               | 252               | 34.60                   | 29.50                   | 24.70                   |
| VA ..... | 700            | 700          | 700               | 60                | 88                | 88                | 28.00                   | 38.00                   | 15.00                   |
| US ..... | 56,200         | 56,680       | 58,220            | 14,959            | 14,556            | 15,321            | 32.10                   | 34.80                   | 30.40                   |

<sup>1</sup>Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-44.—Potatoes: Area, yield, production, season average price, and value, United States, 1990–99**

| Year                    | Area planted       | Area harvested     | Yield per harvested acre | Production        | Season average price per cwt. received by farmers <sup>1</sup> | Value of production  |
|-------------------------|--------------------|--------------------|--------------------------|-------------------|--|----------------------|
|                         | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>Cwt.</i>              | <i>1,000 cwt.</i> | <i>Dollars</i>   | <i>1,000 dollars</i> |
| 1990 .....              | 1,399.7            | 1,370.6            | 293                      | 402,110           | 6.08   | 2,430,983            |
| 1991 .....              | 1,407.5            | 1,374.4            | 304                      | 417,622           | 4.96   | 2,042,899            |
| 1992 .....              | 1,339.3            | 1,315.0            | 323                      | 425,367           | 5.52   | 2,336,478            |
| 1993 .....              | 1,389.9            | 1,321.2            | 326                      | 430,349           | 6.16   | 2,642,699            |
| 1994 .....              | 1,421.8            | 1,385.1            | 339                      | 469,425           | 5.56   | 2,593,446            |
| 1995 .....              | 1,400.7            | 1,376.1            | 323                      | 445,099           | 6.75   | 2,995,711            |
| 1996 .....              | 1,454.7            | 1,425.9            | 350                      | 499,254           | 4.91   | 2,423,476            |
| 1997 .....              | 1,383.5            | 1,353.6            | 345                      | 467,091           | 5.64   | 2,622,621            |
| 1998 .....              | 1,416.6            | 1,387.7            | 343                      | 475,771           | 5.56   | 2,633,198            |
| 1999 <sup>2</sup> ..... | 1,377.0            | 1,332.6            | 359                      | 478,398           | 5.84   | 2,782,762            |

<sup>1</sup> Obtained by weighting State prices by quantity sold. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-45.—Potatoes: Production, seed used, and disposition, United States, 1989–98**

| Year                    | Production        | Total used for seed <sup>1</sup> | Used on farms where produced <sup>1</sup>      |                                 | Sold <sup>1</sup> |
|-------------------------|-------------------|----------------------------------|--|---------------------------------|-------------------|
|                         |                   |                                  | For seed, feed, and household use <sup>1</sup> | Shrinkage and loss <sup>1</sup> |                   |
|                         | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>                | <i>1,000 cwt.</i>                              | <i>1,000 cwt.</i>               | <i>1,000 cwt.</i> |
| 1989 .....              | 370,444           | 27,025                           | 5,722  | 24,974                          | 339,748           |
| 1990 .....              | 402,110           | 28,061                           | 5,949  | 28,329                          | 367,832           |
| 1991 .....              | 417,622           | 27,021                           | 5,995  | 32,429                          | 379,198           |
| 1992 .....              | 425,367           | 28,317                           | 5,923  | 33,807                          | 385,637           |
| 1993 .....              | 430,349           | 29,081                           | 5,951  | 30,181                          | 394,217           |
| 1994 .....              | 469,425           | 29,428                           | 5,904  | 37,342                          | 426,179           |
| 1995 .....              | 445,099           | 30,561                           | 5,755  | 29,630                          | 409,714           |
| 1996 .....              | 499,254           | 29,138                           | 6,221  | 41,238                          | 451,795           |
| 1997 .....              | 467,091           | 29,975                           | 5,475  | 32,183                          | 429,433           |
| 1998 <sup>2</sup> ..... | 475,771           | 29,516                           | 5,766  | 35,454                          | 434,551           |

<sup>1</sup> 1993–97 are preliminary. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-46.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 Major States, 1989–98**

| Crop year             | Production        | Total stocks      |                   |                   |                   |                   |                   |                     |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
|                       |                   | Dec. 1            | Following year    |                   |                   |                   |                   |                     |
|                       |                   |                   | Jan. 1            | Feb. 1            | Mar. 1            | Apr. 1            | May 1             | June 1 <sup>1</sup> |
|                       | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i>   |
| 1989 ...              | 316,097           | 202,050           | 173,550           | 144,290           | 116,600           | 84,320            | 50,675            | .....               |
| 1990 ...              | 344,200           | 225,500           | 194,460           | 162,850           | 134,470           | 101,150           | 63,040            | .....               |
| 1991 ...              | 363,541           | 242,070           | 211,005           | 178,515           | 145,820           | 108,865           | 69,110            | .....               |
| 1992 ...              | 368,516           | 246,820           | 215,990           | 184,560           | 152,795           | 115,785           | 75,040            | .....               |
| 1993 ...              | 376,954           | 249,410           | 217,300           | 185,490           | 153,435           | 115,170           | 72,860            | .....               |
| 1994 ...              | 410,839           | 273,290           | 238,560           | 202,470           | 169,570           | 129,825           | 87,600            | .....               |
| 1995 ...              | 394,785           | 256,710           | 223,550           | 189,360           | 156,020           | 115,855           | 75,870            | .....               |
| 1996 ...              | 443,704           | 295,100           | 261,320           | 226,080           | 189,210           | 147,635           | 103,210           | .....               |
| 1997 ...              | 413,513           | 278,830           | 246,550           | 212,562           | 175,870           | 134,190           | 92,840            | .....               |
| 1998 <sup>2</sup> ... | 423,170           | 280,910           | 246,230           | 209,640           | 173,650           | 131,220           | 87,895            | 50,270              |

<sup>1</sup> Estimates begun in 1998. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-47.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1997–99**

| Season and State       | Area harvested |             |                   | Production |            |                   | Price for crop of— |                   |                   |
|------------------------|----------------|-------------|-------------------|------------|------------|-------------------|--------------------|-------------------|-------------------|
|                        | 1997           | 1998        | 1999 <sup>1</sup> | 1997       | 1998       | 1999 <sup>1</sup> | 1997 <sup>1</sup>  | 1998 <sup>1</sup> | 1999 <sup>2</sup> |
|                        | 1,000 acres    | 1,000 acres | 1,000 acres       | 1,000 cwt. | 1,000 cwt. | 1,000 cwt.        | Dollars            | Dollars           | Dollars           |
| Winter:                |                |             |                   |            |            |                   |                    |                   |                   |
| CA .....               | 6.6            | 7.0         | 8.5               | 1,551      | 1,540      | 2,210             | 18.10              | 22.40             | .....             |
| FL .....               | 9.4            | 8.0         | 9.3               | 1,880      | 1,440      | 1,860             | 16.90              | 30.50             | .....             |
| Total .....            | 16.0           | 15.0        | 17.8              | 3,431      | 2,980      | 4,070             | 17.40              | 26.40             | .....             |
| Spring:                |                |             |                   |            |            |                   |                    |                   |                   |
| AL .....               | 1.6            | 1.7         | 1.6               | 272        | 221        | 280               | 10.80              | 13.10             | .....             |
| AZ .....               | 6.5            | 8.1         | 9.6               | 1,820      | 2,268      | 3,024             | 8.75               | 11.30             | .....             |
| CA .....               | 20.7           | 18.5        | 19.0              | 8,073      | 6,198      | 7,600             | 9.85               | 10.50             | .....             |
| FL .....               | 32.7           | 34.5        | 28.0              | 7,150      | 7,358      | 8,820             | 11.00              | 11.60             | .....             |
| Hastings .....         | 23.9           | 24.5        | 21.0              | 5,258      | 5,758      | 6,930             | 10.70              | 10.70             | .....             |
| Other .....            | 8.8            | 10.0        | 7.0               | 1,892      | 1,600      | 1,890             | 11.80              | 14.70             | .....             |
| NC .....               | 17.3           | 17.5        | 16.5              | 3,287      | 3,325      | 3,300             | 6.55               | 6.10              | .....             |
| TX .....               | 8.7            | 10.3        | 9.8               | 1,697      | 1,751      | 2,303             | 8.10               | 9.15              | .....             |
| Total .....            | 87.5           | 90.6        | 84.5              | 22,299     | 21,121     | 25,327            | 9.53               | 10.20             | .....             |
| Summer:                |                |             |                   |            |            |                   |                    |                   |                   |
| AL .....               | 4.6            | 4.3         | 2.8               | 690        | 559        | 616               | 7.90               | 12.80             | .....             |
| CA .....               | 5.9            | 6.1         | 6.7               | 2,124      | 2,166      | 2,412             | 14.50              | 11.90             | .....             |
| CO .....               | 7.6            | 7.5         | 7.7               | 2,584      | 2,625      | 2,657             | 5.30               | 5.35              | .....             |
| DE .....               | 4.7            | 4.6         | 4.3               | 964        | 1,012      | 1,075             | 8.25               | 7.45              | .....             |
| IL .....               | 4.6            | 4.9         | 4.7               | 1,495      | 1,421      | 1,645             | 5.50               | 5.25              | .....             |
| IA .....               | 1.5            | 1.3         | 0.8               | 308        | 306        | 180               | 5.45               | 5.35              | .....             |
| MD .....               | 3.4            | 4.6         | 4.7               | 816        | 1,081      | 1,128             | 6.85               | 7.25              | .....             |
| MO .....               | 6.0            | 8.8         | 6.2               | 1,500      | 1,892      | 1,829             | 5.30               | 5.15              | .....             |
| NE .....               | 4.1            | 4.4         | 4.5               | 1,599      | 1,606      | 1,620             | 5.15               | 4.50              | .....             |
| NJ .....               | 2.5            | 2.6         | 2.5               | 650        | 702        | 625               | 6.50               | 6.95              | .....             |
| NM .....               | 3.9            | 3.7         | 4.3               | 1,248      | 962        | 1,247             | 6.95               | 6.80              | .....             |
| NC .....               | 1.2            | 1.1         | 1.0               | 120        | 105        | 110               | 8.00               | 7.80              | .....             |
| TX .....               | 8.5            | 8.2         | 8.0               | 2,805      | 3,116      | 2,960             | 12.10              | 9.45              | .....             |
| VA .....               | 6.5            | 6.0         | 6.0               | 1,268      | 1,380      | 1,050             | 11.50              | 8.10              | .....             |
| Total .....            | 65.0           | 68.1        | 64.2              | 18,171     | 18,933     | 19,154            | 8.40               | 7.45              | .....             |
| Fall:                  |                |             |                   |            |            |                   |                    |                   |                   |
| CA .....               | 10.5           | 10.3        | 9.0               | 4,200      | 3,708      | 4,005             | 8.10               | 8.40              | .....             |
| CO .....               | 76.9           | 75.7        | 76.9              | 24,993     | 25,360     | 25,762            | 4.50               | 4.60              | .....             |
| ID .....               | 398.0          | 408.0       | 393.0             | 140,314    | 138,000    | 133,330           | 4.50               | 4.55              | .....             |
| 10 S.W. counties ..... | 27.0           | 28.0        | 26.0              | 12,690     | 12,600     | 12,220            | .....              | .....             | .....             |
| Other counties .....   | 371.0          | 380.0       | 367.0             | 127,624    | 125,400    | 121,110           | .....              | .....             | .....             |
| IN .....               | 4.5            | 5.0         | 4.9               | 1,170      | 1,600      | 1,323             | 6.15               | 5.65              | .....             |
| ME .....               | 72.0           | 64.5        | 62.5              | 19,080     | 18,060     | 17,813            | 6.40               | 6.45              | .....             |
| MA .....               | 3.0            | 2.9         | 2.9               | 810        | 682        | 740               | 7.70               | 6.25              | .....             |
| MI .....               | 47.5           | 46.5        | 47.5              | 14,250     | 14,648     | 14,963            | 6.45               | 6.70              | .....             |
| MN .....               | 73.0           | 73.0        | 53.0              | 20,440     | 21,170     | 18,020            | 5.55               | 5.10              | .....             |
| MT .....               | 10.4           | 10.6        | 10.9              | 3,328      | 3,180      | 3,325             | 7.05               | 7.95              | .....             |
| NE .....               | 19.9           | 21.8        | 21.2              | 7,761      | 8,175      | 8,904             | 6.35               | 5.05              | .....             |
| NV .....               | 6.9            | 7.0         | 6.5               | 2,967      | 2,800      | 2,860             | 4.50               | 4.25              | .....             |
| NM .....               | 6.1            | 5.9         | 6.6               | 2,379      | 2,242      | 2,508             | 5.50               | 5.40              | .....             |
| NY .....               | 26.0           | 27.0        | 25.5              | 7,150      | 7,290      | 6,758             | 8.75               | 9.35              | .....             |
| ND .....               | 110.0          | 122.0       | 110.0             | 22,000     | 28,670     | 26,400            | 5.65               | 5.30              | .....             |
| OH .....               | 5.2            | 4.8         | 4.7               | 1,170      | 1,200      | 987               | 8.25               | 6.60              | .....             |
| OR .....               | 55.5           | 58.0        | 55.5              | 27,319     | 26,229     | 28,020            | 5.20               | 5.05              | .....             |
| Malheur County .....   | 10.9           | 11.4        | 10.5              | 4,796      | 4,560      | 4,620             | 5.05               | 4.50              | .....             |
| Other counties .....   | 44.6           | 46.6        | 45.0              | 22,523     | 21,669     | 23,400            | 5.25               | 5.15              | .....             |
| PA .....               | 13.5           | 14.0        | 14.0              | 3,173      | 3,360      | 3,080             | 8.20               | 7.35              | .....             |
| RI .....               | 0.8            | 0.7         | 0.6               | 216        | 147        | 135               | 7.60               | 6.60              | .....             |
| SD .....               | 4.4            | 4.8         | 3.4               | 968        | 1,248      | 986               | 4.90               | 4.85              | .....             |
| UT .....               | 3.3            | 2.6         | 2.0               | 957        | 728        | 580               | 4.35               | 4.85              | .....             |
| WA .....               | 152.0          | 165.0       | 170.0             | 88,160     | 93,225     | 95,200            | 4.90               | 4.80              | .....             |
| WI .....               | 85.0           | 83.5        | 85.0              | 30,175     | 30,895     | 34,000            | 5.70               | 4.95              | .....             |
| WY .....               | 0.7            | 0.4         | 0.5               | 210        | 120        | 148               | 5.05               | 4.00              | .....             |
| Total .....            | 1,185.1        | 1,214.0     | 1,166.1           | 423,190    | 432,737    | 429,847           | 5.20               | 5.07              | .....             |
| US .....               | 1,353.6        | 1,387.7     | 1,332.6           | 467,091    | 475,771    | 478,398           | 5.64               | 5.56              | .....             |

<sup>1</sup> Preliminary. <sup>2</sup> Data not available.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-48.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1997 and 1998 <sup>1</sup>**

| State          | Crop of 1997 |              |              |              |              |             |
|----------------|--------------|--------------|--------------|--------------|--------------|-------------|
|                | Dec. 1, 1997 | Jan. 1, 1998 | Feb. 1, 1998 | Mar. 1, 1998 | Apr. 1, 1998 | May 1, 1998 |
|                | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.  |
| CA .....       | 2,700        | 2,300        | 2,100        | 1,800        | 1,500        | 1,200       |
| CO .....       | 19,400       | 17,000       | 14,700       | 12,800       | 10,500       | 7,700       |
| ID .....       | 102,000      | 91,500       | 81,000       | 69,500       | 56,000       | 41,500      |
| ME .....       | 15,600       | 14,100       | 12,100       | 10,300       | 7,400        | 4,500       |
| MI .....       | 8,500        | 7,000        | 5,500        | 3,800        | 2,300        | 1,000       |
| MN .....       | 13,500       | 12,000       | 10,500       | 8,800        | 6,800        | 4,500       |
| MT .....       | 3,180        | 3,080        | 2,980        | 2,350        | 700          | 150         |
| NE .....       | 5,300        | 4,300        | 3,300        | .....        | .....        | .....       |
| NY .....       | 3,600        | 2,500        | 1,500        | 800          | 400          | 100         |
| ND .....       | 16,000       | 13,800       | 11,900       | 9,300        | 7,000        | 4,700       |
| OH .....       | 350          | 170          | 82           | .....        | .....        | .....       |
| OR .....       | 20,500       | 19,000       | 16,000       | 13,000       | 9,800        | 6,500       |
| PA .....       | 2,000        | 1,500        | 1,200        | 890          | 480          | 190         |
| WA .....       | 47,000       | 41,500       | 36,500       | 29,500       | 22,500       | 16,000      |
| WI .....       | 19,200       | 16,800       | 13,200       | 10,600       | 7,600        | 4,500       |
| Other .....    | .....        | .....        | .....        | 2,430        | 1,210        | 300         |
| 15 State total | 278,830      | 246,550      | 212,562      | 175,870      | 134,190      | 92,840      |

  

| State          | Crop of 1998 <sup>2</sup> |              |              |              |              |             |              |
|----------------|---------------------------|--------------|--------------|--------------|--------------|-------------|--------------|
|                | Dec. 1, 1998              | Jan. 1, 1999 | Feb. 1, 1999 | Mar. 1, 1999 | Apr. 1, 1999 | May 1, 1999 | June 1, 1999 |
|                | 1,000 cwt.                | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.   | 1,000 cwt.  | 1,000 cwt.   |
| CA .....       | 2,800                     | 2,400        | 2,000        | 1,600        | 1,200        | 900         | 600          |
| CO .....       | 19,000                    | 16,500       | 14,200       | 12,000       | 9,300        | 6,600       | 2,900        |
| ID .....       | 99,500                    | 89,000       | 77,500       | 66,000       | 52,000       | 37,000      | 23,000       |
| ME .....       | 14,100                    | 12,500       | 10,500       | 8,450        | 6,000        | 3,800       | 1,900        |
| MI .....       | 9,100                     | 7,500        | 5,400        | 4,100        | 2,200        | 800         | .....        |
| MN .....       | 13,500                    | 12,000       | 10,500       | 8,900        | 6,700        | 4,300       | 2,500        |
| MT .....       | 3,050                     | 2,980        | 2,850        | 2,650        | 1,740        | 290         | .....        |
| NE .....       | 4,700                     | 3,900        | 2,900        | .....        | .....        | .....       | .....        |
| NY .....       | 3,400                     | 2,300        | 1,500        | 800          | 350          | 75          | .....        |
| ND .....       | 20,500                    | 17,500       | 15,000       | 12,800       | 10,500       | 7,500       | 4,500        |
| OH .....       | 260                       | 150          | 90           | .....        | .....        | .....       | .....        |
| OR .....       | 20,000                    | 17,500       | 15,800       | 13,000       | 10,500       | 7,000       | 4,200        |
| PA .....       | 2,000                     | 1,500        | 900          | 700          | 420          | 130         | .....        |
| WA .....       | 49,000                    | 43,500       | 36,500       | 29,500       | 21,500       | 14,500      | 7,500        |
| WI .....       | 20,000                    | 17,000       | 14,000       | 11,000       | 7,800        | 4,800       | 3,000        |
| Other .....    | .....                     | .....        | .....        | 2,150        | 1,010        | 200         | 170          |
| 15 State total | 280,910                   | 246,230      | 209,640      | 173,650      | 131,220      | 87,895      | 50,270       |

<sup>1</sup> Blank States combined into Other. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-49.—Frozen French fries: U.S. imports from principal suppliers for marketing years, 1996/97-98/99 <sup>1</sup>**

| Countries    | 1996/97     | 1997/98     | 1998/99     |
|--------------|-------------|-------------|-------------|
|              | Metric tons | Metric tons | Metric tons |
| Canada ..... | 146,758     | 204,154     | 227,114     |
| Other .....  | 171         | 856         | 75          |
| Total .....  | 146,929     | 205,101     | 227,189     |

<sup>1</sup> July through June.  
 FAS, Horticultural & Tropical Products Division, (202) 720-0897. Compiled from reports of the U.S. Department of Commerce.

**Table 4-50.—Potatoes: Utilization, United States, crop years 1991–98**

| Item   | 1991                  | 1992                  | 1993                  | 1994                    |
|--|-----------------------|-----------------------|-----------------------|-------------------------|
| <b>SALES</b>                                     | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i>   |
| Table stock .....                                | 126,953               | 127,106               | 125,379               | 136,106                 |
| For processing:                                  |                       |                       |                       |                         |
| Chips and shoestring .....                       | 45,850                | 48,455                | 48,987                | 49,299                  |
| Dehydration .....                                | 40,395                | 38,078                | 40,795                | 41,381                  |
| Frozen french fries .....                        | 111,128               | 112,496               | 121,087               | 136,531                 |
| Other frozen products .....                      | 23,097                | 23,016                | 25,190                | 26,362                  |
| Canned potatoes .....                            | 2,465                 | 2,710                 | 1,879                 | 2,503                   |
| Other canned products (hash, stews, soups) ..... | 1,886                 | 2,557                 | 2,458                 | 3,006                   |
| Starch and flour .....                           | 1,739                 | 1,610                 | 1,691                 | 2,176                   |
| Total .....                                      | 226,560               | 228,922               | 242,087               | 261,258                 |
| Other sales:                                     |                       |                       |                       |                         |
| Livestock feed .....                             | 3,652                 | 3,928                 | 2,498                 | 4,147                   |
| Seed .....                                       | 22,033                | 23,638                | 24,253                | 24,668                  |
| Diversion .....                                  |                       | 2,043                 |                       |                         |
| Total .....                                      | 25,685                | 29,609                | 26,751                | 28,815                  |
| Total sales .....                                | 379,198               | 385,637               | 394,217               | 426,179                 |
| <b>NON-SALES</b>                                 |                       |                       |                       |                         |
| Seed used on farms where grown .....             | 4,988                 | 4,679                 | 4,828                 | 4,760                   |
| Household use .....                              | 1,007                 | 1,244                 | 1,123                 | 1,144                   |
| Shrinkage and loss .....                         | 32,429                | 33,807                | 30,181                | 37,342                  |
| Total non-sales .....                            | 38,424                | 39,730                | 36,132                | 43,246                  |
| Total production .....                           | 417,622               | 425,367               | 430,349               | 469,425                 |
| <b>Item</b>                                      | <b>1995</b>           | <b>1996</b>           | <b>1997</b>           | <b>1998<sup>1</sup></b> |
| <b>SALES</b>                                     | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i> | <i>1,000<br/>cwt.</i>   |
| Table stock .....                                | 124,875               | 131,446               | 131,670               | 124,467                 |
| For processing:                                  |                       |                       |                       |                         |
| Chips and shoestring .....                       | 47,284                | 48,305                | 48,130                | 50,462                  |
| Dehydration .....                                | 45,065                | 54,261                | 48,389                | 55,522                  |
| Frozen french fries .....                        | 129,029               | 145,489               | 131,628               | 142,932                 |
| Other frozen products .....                      | 27,073                | 28,972                | 33,397                | 26,270                  |
| Canned potatoes .....                            | 3,342                 | 2,785                 | 2,822                 | 2,730                   |
| Other canned products (hash, stews, soups) ..... | 2,385                 | 2,167                 | 2,675                 | 2,310                   |
| Starch and flour .....                           | 1,668                 | 1,956                 | 1,311                 | 1,636                   |
| Total .....                                      | 255,846               | 283,935               | 268,352               | 281,862                 |
| Other sales:                                     |                       |                       |                       |                         |
| Livestock feed <sup>2</sup> .....                | 3,224                 | 12,073                | 3,603                 | 3,111                   |
| Seed .....                                       | 25,769                | 24,341                | 25,808                | 25,111                  |
| Total .....                                      | 28,993                | 36,414                | 29,411                | 28,222                  |
| Total sales .....                                | 409,714               | 451,795               | 429,433               | 434,551                 |
| <b>NON-SALES</b>                                 |                       |                       |                       |                         |
| Seed used on farms where grown .....             | 4,792                 | 4,797                 | 4,167                 | 4,405                   |
| Household use .....                              | 963                   | 1,424                 | 1,308                 | 1,361                   |
| Shrinkage and loss .....                         | 29,630                | 41,238                | 32,183                | 35,454                  |
| Total non-sales .....                            | 35,385                | 47,459                | 37,658                | 41,220                  |
| Total production .....                           | 445,099               | 499,254               | 467,091               | 475,771                 |

<sup>1</sup> Preliminary. <sup>2</sup> Includes potatoes in 1996 under Government diversion.  
NASS, Crops Branch, (202) 720-2127.



**Table 4-51.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1998<sup>1</sup>**

| Season and State     | Production<br><i>1,000 cwt.</i> | Total used<br>for seed<br><i>1,000 cwt.</i> | Used on farms where produced                                 |  | Sold<br><i>1,000 cwt.</i> |
|----------------------|---------------------------------|---|--|--|---------------------------|
|                      |                                 |   | For seed, feed,<br>and household<br>use<br><i>1,000 cwt.</i> | Shrinkage<br>and loss<br><i>1,000 cwt.</i> |                           |
| Winter:              |                                 |   |  |  |                           |
| CA .....             | 1,540                           | 211   |  | 70   | 1,470                     |
| FL .....             | 1,440                           | 283   |  | 9  | 1,431                     |
| Total .....          | 2,980                           | 494   |  | 79   | 2,901                     |
| Spring:              |                                 |   |  |  |                           |
| AL .....             | 221                             | 26  |  | 3  | 218                       |
| AZ .....             | 2,268                           | 188   | 5  | 25   | 2,238                     |
| CA .....             | 6,198                           | 468   | 6  | 248  | 5,944                     |
| FL .....             | 7,358                           | 775   | 1  | 36   | 7,321                     |
| Hastings .....       | 5,758                           | 585   | 1  | 23   | 5,734                     |
| Other .....          | 1,600                           | 190   |  | 13   | 1,587                     |
| NC .....             | 3,325                           | 238   | 24   | 103  | 3,198                     |
| TX .....             | 1,751                           | 127   | 44   | 35   | 1,672                     |
| Total .....          | 21,121                          | 1,822                                       | 80   | 450  | 20,591                    |
| Summer:              |                                 |   |  |  |                           |
| AL .....             | 559                             | 56  | 8  | 28   | 523                       |
| CA .....             | 2,166                           | 170   | 5  | 145  | 2,016                     |
| CO .....             | 2,625                           | 190   | 8  | 125  | 2,492                     |
| DE .....             | 1,012                           | 65  | 5  | 40   | 967                       |
| IL .....             | 1,421                           | 108   | 21   | 36   | 1,364                     |
| IA .....             | 306                             | 15  | 4  | 14   | 288                       |
| MD .....             | 1,081                           | 67  | 32   | 32   | 1,017                     |
| MO .....             | 1,892                           | 160   | 1  | 19   | 1,872                     |
| NE .....             | 1,606                           | 106   |  | 82   | 1,524                     |
| NJ .....             | 702                             | 31  | 3  | 21   | 678                       |
| NM .....             | 962                             | 86  | 5  | 39   | 918                       |
| NC .....             | 105                             | 14  | 3  | 3  | 99                        |
| TX .....             | 3,116                           | 112   | 6  | 62   | 3,048                     |
| VA .....             | 1,380                           | 91  | 1  | 48   | 1,331                     |
| Total .....          | 18,933                          | 1,271                                       | 102  | 694  | 18,137                    |
| Fall:                |                                 |   |  |  |                           |
| CA .....             | 3,708                           | 171   | 29   | 720  | 2,959                     |
| CO .....             | 25,360                          | 1,930                                       | 1,615  | 2,615                                      | 21,130                    |
| ID .....             | 138,000                         | 8,400                                       | 1,280  | 9,756                                      | 126,964                   |
| IN .....             | 1,600                           | 104   | 10   | 110  | 1,480                     |
| ME .....             | 18,060                          | 1,496                                       | 360  | 1,740                                      | 15,960                    |
| MA .....             | 682                             | 60  |  | 30   | 652                       |
| MI .....             | 14,648                          | 888   | 200  | 1,348                                      | 13,100                    |
| MN .....             | 21,170                          | 1,400                                       | 254  | 1,440                                      | 19,476                    |
| MT .....             | 3,180                           | 253   | 145  | 265  | 2,770                     |
| NE .....             | 8,175                           | 469   | 166  | 881  | 7,128                     |
| NV .....             | 2,800                           | 100   | 50   | 336  | 2,414                     |
| NM .....             | 2,242                           | 165   | 135  | 269  | 1,838                     |
| NY .....             | 7,290                           | 572   | 110  | 330  | 6,850                     |
| ND .....             | 28,670                          | 2,250                                       | 395  | 2,840                                      | 25,435                    |
| OH .....             | 1,200                           | 100   | 8  | 37   | 1,155                     |
| OR .....             | 26,229                          | 1,382                                       | 195  | 2,206                                      | 23,828                    |
| Malheur County ..... | 4,560                           | 242   | 5  | 166  | 4,389                     |
| Other counties ..... | 21,669                          | 1,140                                       | 190  | 2,040                                      | 19,439                    |
| PA .....             | 3,360                           | 261   | 50   | 252  | 3,058                     |
| RI .....             | 147                             | 13  |  | 2  | 145                       |
| SD .....             | 1,248                           | 56  | 14   | 100  | 1,134                     |
| UT .....             | 728                             | 48  |  | 73   | 655                       |
| WA .....             | 93,225                          | 4,080                                       | 300  | 6,500                                      | 86,425                    |
| WI .....             | 30,895                          | 1,720                                       | 265  | 2,360                                      | 28,270                    |
| WY .....             | 120                             | 11  | 3  | 21   | 96                        |
| Total .....          | 432,737                         | 25,929                                      | 5,584  | 34,231                                     | 392,922                   |
| US .....             | 475,771                         | 29,516                                      | 5,766  | 35,454                                     | 434,551                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-52.—Potatoes,<sup>1</sup> white: United States exports by country of destination and imports by country of origin, 1995/96–1997/98**

| Item and country         | Year beginning October |                    |                    | Item and country               | Year beginning October |                    |                    |
|--------------------------|------------------------|--------------------|--------------------|--------------------------------|------------------------|--------------------|--------------------|
|                          | 1995/96                | 1996/97            | 1997/98            |                                | 1995/96                | 1996/97            | 1997/98            |
| <b>Exports</b>           | <i>Metric tons</i>     | <i>Metric tons</i> | <i>Metric tons</i> | <b>Exports</b>                 | <i>Metric tons</i>     | <i>Metric tons</i> | <i>Metric tons</i> |
| Europe:                  |                        |                    |                    | Total <sup>2</sup> .....       | 3,671                  | 4,995              | 2,628              |
| United Kingdom .....     | 250                    | 943                | 1,129              | Other countries:               |                        |                    |                    |
| Other countries .....    | 44                     | 170                | 99                 | Canada .....                   | 240,668                | 255,383            | 195,963            |
| Total <sup>2</sup> ..... | 294                    | 1,113              | 1,228              | Hong Kong .....                | 2,015                  | 2,250              | 1,596              |
| Latin America:           |                        |                    |                    | Russian Federation .....       | 1,871                  | 5,261              | 216                |
| Venezuela .....          | 46                     | 271                | 14                 | Singapore .....                | 2,289                  | 2,211              | 2,301              |
| Other countries .....    | 63                     | 49                 | 16                 | Total <sup>2</sup> .....       | 246,843                | 265,105            | 200,076            |
| Total <sup>2</sup> ..... | 109                    | 320                | 30                 | Grand total <sup>2</sup> ..... | 272,824                | 305,955            | 252,569            |
| Bermuda and Caribbean:   |                        |                    |                    | <b>Imports</b>                 |                        |                    |                    |
| Bahamas .....            | 1,033                  | 375                | 86                 | Certified seed:                |                        |                    |                    |
| Dominican Republic ..... | 1,049                  | 2,416              | 490                | Canada .....                   | 102,100                | 132,516            | 125,482            |
| Jamaica .....            | 1,110                  | 1,756              | 1,375              | Others .....                   | 12,366                 | 12,035             | 15,372             |
| Other countries .....    | 479                    | 448                | 677                | Total .....                    | 114,466                | 144,551            | 140,854            |

<sup>1</sup> Includes seed potatoes. <sup>2</sup> Totals may not add due to rounding.  
FAS, Horticultural & Tropical Products Division, (202) 720-0897. Compiled from reports of the U.S. Department of Commerce.

**Table 4-53.—Potatoes (fresh): Foreign trade, United States, 1989–98<sup>1</sup>**

| Year beginning July | Imports for consumption | Domestic exports  | Year beginning July | Imports for consumption | Domestic exports  |
|---------------------|-------------------------|-------------------|---------------------|-------------------------|-------------------|
|                     | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i> |                     | <i>1,000 cwt.</i>       | <i>1,000 cwt.</i> |
| 1989 .....          | 7,009                   | 2,870             | 1994 .....          | 5,158                   | 6,273             |
| 1990 .....          | 7,180                   | 3,374             | 1995 .....          | 10,741                  | 5,501             |
| 1991 .....          | 3,352                   | 4,487             | 1996 .....          | 7,129                   | 6,402             |
| 1992 .....          | 6,602                   | 5,040             | 1997 .....          | 10,481                  | 7,172             |
| 1993 .....          | 7,018                   | 6,246             | 1998 .....          | 9,090                   | 5,717             |

<sup>1</sup> Includes seed.  
ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-54.—Spinach for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State    | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|----------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|          | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|          | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| CA ..... | 15,200         | 15,000       | 17,000            | 2,660             | 2,400             | 2,635             | 31.20                   | 35.40                   | 29.70                   |
| CO ..... | 2,000          | 1,900        | 1,800             | 104               | 95                | 144               | 32.00                   | 40.00                   | 26.40                   |
| MD ..... | 1,200          | 1,400        | 1,400             | 107               | 70                | 77                | 41.00                   | 31.00                   | 38.00                   |
| NJ ..... | 1,900          | 2,000        | 2,000             | 238               | 180               | 150               | 25.60                   | 36.90                   | 33.30                   |
| TX ..... | 2,400          | 2,500        | 2,100             | 156               | 225               | 147               | 35.40                   | 39.40                   | 46.20                   |
| US ..... | 22,700         | 22,800       | 24,300            | 3,265             | 2,970             | 3,153             | 31.30                   | 35.80                   | 30.70                   |

<sup>1</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-55.—Spinach for processing: Area, production, and value per ton, by States, 1997–99**

| State                           | Area harvested |              |                   | Production        |                   |                   | Value per unit         |                        |                        |
|---------------------------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------------|------------------------|------------------------|
|                                 | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                   | 1998                   | 1999 <sup>1</sup>      |
|                                 | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>1,000 tons</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> | <i>Dollars per ton</i> |
| TX .....                        | 4,700          | 5,000        | 4,900             | 44,650            | 42,500            | 48,440            | 93.50                  | 95.00                  | 94.00                  |
| Other States <sup>2</sup> ..... | 9,620          | 7,700        | 8,480             | 83,040            | 67,690            | 66,280            | 110.00                 | 149.00                 | 158.00                 |
| US .....                        | 14,320         | 12,700       | 13,380            | 127,690           | 110,190           | 114,720           | 105.00                 | 128.00                 | 131.00                 |

<sup>1</sup> Preliminary. <sup>2</sup> 1997 - AR, CA, NY, OH, OK, PA, TN, VA, and WI. 1998 - AR, CA, NY, OH, PA, TN, and WI. 1999 - AR, CA, NY, OH, PA, and TN.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-56.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1990–99**

| Year                    | Area harvested     | Yield per acre | Production        | Price <sup>1</sup> | Value of production  |
|-------------------------|--------------------|----------------|-------------------|--------------------|----------------------|
|                         | <i>1,000 acres</i> | <i>Cwt.</i>    | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 .....              | 89.5               | 141            | 12,594            | 9.70               | 121,962              |
| 1991 .....              | 77.8               | 144            | 11,203            | 13.30              | 149,367              |
| 1992 .....              | 82.4               | 146            | 12,005            | 12.20              | 146,499              |
| 1993 .....              | 80.0               | 138            | 11,027            | 15.10              | 166,506              |
| 1994 .....              | 82.7               | 162            | 13,380            | 14.00              | 187,206              |
| 1995 .....              | 83.1               | 154            | 12,821            | 15.90              | 203,799              |
| 1996 .....              | 83.7               | 158            | 13,216            | 14.40              | 190,529              |
| 1997 .....              | 82.1               | 162            | 13,327            | 15.80              | 211,177              |
| 1998 .....              | 83.8               | 148            | 12,382            | 15.30              | 189,789              |
| 1999 <sup>2</sup> ..... | 82.9               | 145            | 11,980            | 18.00              | 215,759              |

<sup>1</sup> Obtained by weighting State prices by production. <sup>2</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-57.—Sweet Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1997–99**

| State    | Area harvested     |                    |                    | Production        |                   |                   | Price for crop of— |                |                   |
|----------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|--------------------|----------------|-------------------|
|          | 1997               | 1998               | 1999 <sup>1</sup>  | 1997              | 1998              | 1999 <sup>1</sup> | 1997               | 1998           | 1999 <sup>1</sup> |
|          | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars</i>     | <i>Dollars</i> | <i>Dollars</i>    |
| AL ..... | 3.6                | 3.7                | 3.2                | 540               | 629               | 422               | 20.50              | 15.10          | 18.00             |
| CA ..... | 9.7                | 9.7                | 9.5                | 1,989             | 2,134             | 2,328             | 28.00              | 25.80          | 32.80             |
| GA ..... | 0.8                | 0.7                | 0.6                | 120               | 70                | 60                | 15.40              | 16.50          | 16.30             |
| LA ..... | 20.0               | 20.0               | 23.0               | 3,400             | 2,200             | 3,450             | 14.40              | 14.40          | 13.50             |
| MS ..... | 8.4                | 9.7                | 10.3               | 1,092             | 1,358             | 1,442             | 18.50              | 17.50          | 20.70             |
| NJ ..... | 1.1                | 1.0                | 1.0                | 116               | 105               | 100               | 20.40              | 21.50          | 32.00             |
| NC ..... | 31.0               | 32.0               | 29.0               | 4,960             | 5,440             | 3,770             | 10.80              | 11.00          | 11.60             |
| SC ..... | 1.1                | 0.9                | 0.5                | 121               | 81                | 48                | 15.40              | 12.50          | 11.80             |
| TX ..... | 5.8                | 5.6                | 5.3                | 899               | 252               | 265               | 16.20              | 16.40          | 21.50             |
| VA ..... | 0.6                | 0.5                | 0.5                | 90                | 113               | 95                | 11.60              | 12.30          | 12.70             |
| US ..... | 82.1               | 83.8               | 82.9               | 13,327            | 12,382            | 11,980            | 15.80              | 15.30          | 18.00             |

<sup>1</sup> Preliminary.  
 NASS, Crops Branch, (202) 720-2127.

**Table 4-58.—Taro: Area, yield, total production, price, and value, Hawaii, 1990–99<sup>1</sup>**

| Year                    | Total area   | Yield per acre <sup>1</sup> | Production          | Price per pound | Value of production  |
|-------------------------|--------------|-----------------------------|---------------------|-----------------|----------------------|
|                         | <i>Acres</i> | <i>1,000 pounds</i>         | <i>1,000 pounds</i> | <i>Dollars</i>  | <i>1,000 dollars</i> |
| 1990 .....              | 420          | .....                       | 5,800               | 0.390           | 2,262                |
| 1991 .....              | 550          | .....                       | 6,500               | 0.430           | 2,795                |
| 1992 .....              | 550          | .....                       | 6,900               | 0.435           | 3,002                |
| 1993 .....              | 510          | .....                       | 6,000               | 0.460           | 2,760                |
| 1994 .....              | 490          | .....                       | 6,100               | 0.460           | 2,806                |
| 1995 .....              | 550          | .....                       | 6,800               | 0.480           | 3,264                |
| 1996 .....              | 530          | .....                       | 5,700               | 0.490           | 2,793                |
| 1997 .....              | 450          | .....                       | 5,500               | 0.510           | 2,805                |
| 1998 .....              | 490          | .....                       | 6,000               | 0.530           | 3,180                |
| 1999 <sup>2</sup> ..... | 500          | .....                       | 6,800               | 0.530           | 3,604                |

<sup>1</sup> Yield not estimated. <sup>2</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-59.—Tomatoes: Foreign trade, United States, 1989–98**

| Year beginning July | Imports             |                     |                     | Domestic exports    |                           |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|---------------------|---------------------|---------------------|
|                     | Fresh               | Canned <sup>1</sup> | Paste               | Fresh <sup>2</sup>  | Canned <sup>3</sup> whole | Catsup and sauces   | Paste <sup>3</sup>  | Juice               |
|                     | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>       | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| 1989 .....          | 905,428             | 119,090             | 163,196             | 177,177             | 4,892                     | 84,595              | 30,302              | 13,033              |
| 1990 .....          | 807,239             | 151,944             | 93,572              | 293,056             | 6,452                     | 81,974              | 79,305              | 17,025              |
| 1991 .....          | 460,778             | 111,220             | 52,027              | 343,480             | 25,461                    | 163,353             | 131,966             | 24,694              |
| 1992 .....          | 824,806             | 122,593             | 69,157              | 351,410             | 44,953                    | 185,414             | 147,292             | 24,468              |
| 1993 .....          | 885,824             | 131,347             | 95,708              | 329,577             | 48,176                    | 241,118             | 171,550             | 33,877              |
| 1994 .....          | 1,456,261           | 189,042             | 50,898              | 321,828             | 51,704                    | 266,491             | 198,165             | 30,802              |
| 1995 .....          | 1,702,019           | 221,894             | 33,590              | 288,021             | 59,312                    | 252,503             | 193,215             | 51,006              |
| 1996 .....          | 1,678,129           | 215,112             | 31,818              | 282,252             | 79,466                    | 279,464             | 284,377             | 24,456              |
| 1997 .....          | 1,794,809           | 186,099             | 23,601              | 332,416             | 55,165                    | 319,959             | 298,407             | 23,052              |
| 1998 .....          | 1,618,039           | 281,473             | 167,727             | 310,810             | 69,444                    | 331,949             | 173,469             | 27,292              |

<sup>1</sup> Includes all canned tomato imports except paste, and is on a product-weight-basis. <sup>2</sup> Prior to 1989, U.S. exports to Canada were understated due to underreporting of actual shipments. <sup>3</sup> Includes exports for military-civilian feeding abroad.

ERS, Specialty Crops Branch, (202) 694-5253. Compiled from reports of the U.S. Department of Commerce.

**Table 4-60.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1990–99**

| Year                 | For fresh market |                |                    |                |                      | For processing |                |             |                    |                      |
|----------------------|------------------|----------------|--------------------|----------------|----------------------|----------------|----------------|-------------|--------------------|----------------------|
|                      | Area harvested   | Yield per acre | Value <sup>1</sup> |                |                      | Area harvested | Yield per acre | Production  | Value <sup>2</sup> |                      |
|                      |                  |                | Per cwt.           | Total          | Per ton              |                |                |             | Total              |                      |
|                      | <i>Acres</i>     | <i>Cwt.</i>    | <i>1,000 cwt.</i>  | <i>Dollars</i> | <i>1,000 dollars</i> | <i>Acres</i>   | <i>Tons</i>    | <i>Tons</i> | <i>Dollars</i>     | <i>1,000 dollars</i> |
| 1990 ....            | 134,590          | 251            | 33,800             | 27.40          | 925,047              | 354,700        | 29.19          | 10,355,260  | 67.80              | 702,367              |
| 1991 ....            | 131,710          | 258            | 33,988             | 31.70          | 1,078,763            | 355,980        | 30.54          | 10,872,990  | 66.40              | 722,114              |
| 1992 ....            | 131,910          | 296            | 39,033             | 35.80          | 1,396,950            | 273,910        | 32.04          | 8,777,430   | 58.00              | 509,413              |
| 1993 ....            | 134,250          | 273            | 36,663             | 31.60          | 1,157,996            | 307,470        | 31.47          | 9,676,667   | 60.10              | 581,901              |
| 1994 ....            | 135,220          | 276            | 37,387             | 27.40          | 1,024,563            | 340,060        | 33.93          | 11,539,710  | 62.10              | 716,469              |
| 1995 ....            | 131,020          | 260            | 34,098             | 25.20          | 870,427              | 344,380        | 32.77          | 11,285,007  | 63.20              | 713,479              |
| 1996 ....            | 120,640          | 279            | 33,634             | 28.20          | 947,031              | 339,140        | 33.64          | 11,407,301  | 62.30              | 711,043              |
| 1997 ....            | 115,190          | 285            | 32,777             | 31.70          | 1,040,382            | 283,390        | 35.19          | 9,973,259   | 60.70              | 604,905              |
| 1998 ....            | 121,710          | 268            | 32,628             | 35.20          | 1,149,713            | 299,960        | 31.34          | 9,402,010   | 65.30              | 613,954              |
| 1999 <sup>3</sup> .. | 131,680          | 270            | 35,492             | 25.90          | 919,935              | 350,410        | 36.63          | 12,836,020  | 71.10              | 912,988              |

<sup>1</sup> Price and value of f.o.b. basis. <sup>2</sup> Price and value at processing plant door. <sup>3</sup> Preliminary.  
NASS, Crops Branch, (202) 720-2127.

**Table 4-61.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997–99**

| Utilization and State         | Area harvested |              |                   | Production   |              |                   | Value per unit  |                 |                   |
|-------------------------------|----------------|--------------|-------------------|--------------|--------------|-------------------|-----------------|-----------------|-------------------|
|                               | 1997           | 1998         | 1999 <sup>1</sup> | 1997         | 1998         | 1999 <sup>1</sup> | 1997            | 1998            | 1999 <sup>1</sup> |
| <b>FOR FRESH MARKET</b>       |                |              |                   | <i>1,000</i> | <i>1,000</i> | <i>1,000</i>      | <i>Dollars</i>  | <i>Dollars</i>  | <i>Dollars</i>    |
|                               | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>cwt.</i>  | <i>cwt.</i>  | <i>cwt.</i>       | <i>per cwt.</i> | <i>per cwt.</i> | <i>per cwt.</i>   |
| AL .....                      | 2,100          | 1,200        | 1,600             | 315          | 192          | 224               | 24.00           | 31.00           | 20.10             |
| AR .....                      | 1,100          | 1,400        | 1,500             | 231          | 336          | 338               | 34.00           | 34.50           | 41.80             |
| CA .....                      | 34,000         | 41,000       | 44,000            | 9,860        | 9,840        | 11,000            | 26.50           | 33.10           | 22.00             |
| FL .....                      | 39,200         | 39,300       | 43,500            | 13,720       | 13,952       | 15,008            | 35.50           | 37.10           | 26.10             |
| GA .....                      | 3,500          | 3,500        | 3,700             | 1,470        | 910          | 1,110             | 25.70           | 31.50           | 26.60             |
| IN .....                      | 1,600          | 1,500        | 1,600             | 232          | 240          | 240               | 43.80           | 52.00           | 63.30             |
| LA .....                      | 310            | 260          | 280               | 59           | 42           | 39                | 50.00           | 45.00           | 33.00             |
| MD .....                      | 2,000          | 1,900        | 2,200             | 260          | 342          | 319               | 28.00           | 33.00           | 28.00             |
| MA .....                      | 420            | 450          | 450               | 59           | 70           | 56                | 80.00           | 100.00          | 100.00            |
| MI .....                      | 2,500          | 2,300        | 2,600             | 400          | 483          | 494               | 24.20           | 38.50           | 33.50             |
| NJ .....                      | 3,900          | 3,900        | 3,600             | 722          | 741          | 504               | 36.70           | 39.20           | 34.30             |
| NY .....                      | 3,200          | 3,300        | 3,100             | 384          | 462          | 357               | 29.10           | 29.00           | 34.50             |
| NC .....                      | 2,000          | 2,200        | 2,300             | 600          | 616          | 713               | 24.50           | 27.00           | 29.00             |
| OH .....                      | 3,400          | 3,000        | 4,300             | 646          | 735          | 1,028             | 46.00           | 38.70           | 27.50             |
| PA .....                      | 3,800          | 4,400        | 3,800             | 494          | 528          | 570               | 25.00           | 26.00           | 25.50             |
| SC .....                      | 3,200          | 3,200        | 3,600             | 640          | 896          | 828               | 35.10           | 27.00           | 22.00             |
| TN .....                      | 3,600          | 3,400        | 3,600             | 864          | 850          | 828               | 27.00           | 38.00           | 29.00             |
| TX .....                      | 1,300          | 1,400        | 1,600             | 260          | 140          | 192               | 34.00           | 37.80           | 31.70             |
| VA .....                      | 3,700          | 3,800        | 3,900             | 1,462        | 1,151        | 1,482             | 33.80           | 35.00           | 28.00             |
| Total .....                   | 114,830        | 121,410      | 131,230           | 32,678       | 32,526       | 35,330            | 31.70           | 35.20           | 25.80             |
| HI .....                      | 360            | 300          | 450               | 99           | 102          | 162               | 53.00           | 55.00           | 47.00             |
| US .....                      | 115,190        | 121,710      | 131,680           | 32,777       | 32,628       | 35,492            | 31.70           | 35.20           | 25.90             |
| <b>FOR PROCESSING</b>         |                |              |                   |              |              |                   | <i>Dollars</i>  | <i>Dollars</i>  | <i>Dollars</i>    |
|                               | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>Tons</i>  | <i>Tons</i>  | <i>Tons</i>       | <i>per ton</i>  | <i>per ton</i>  | <i>per ton</i>    |
| CA .....                      | 260,000        | 280,000      | 329,000           | 9,342,309    | 8,892,800    | 12,239,300        | 59.50           | 64.20           | 70.50             |
| IN .....                      | 6,400          | 7,100        | 7,200             | 157,440      | 156,200      | 215,140           | 87.30           | 88.00           | 86.50             |
| MI .....                      | 4,300          | 2,500        | 2,900             | 133,300      | 90,000       | 87,000            | 73.30           | 84.00           | 84.00             |
| OH .....                      | 8,900          | 6,300        | 7,800             | 252,670      | 169,090      | 212,320           | 73.70           | 81.40           | 82.80             |
| PA .....                      | 1,100          | 1,300        | 1,400             | 27,010       | 33,800       | 31,500            | 77.00           | 80.00           | 78.00             |
| Other States <sup>2</sup> ... | 2,690          | 2,760        | 2,110             | 60,530       | 60,120       | 50,760            | 79.60           | 87.50           | 82.00             |
| US .....                      | 283,390        | 299,960      | 350,410           | 9,973,259    | 9,402,010    | 12,836,020        | 60.70           | 65.30           | 71.10             |
| Grand total                   | 398,580        | 421,670      | 482,090           | 11,612,109   | 11,033,410   | 14,610,620        | .....           | .....           | .....             |

<sup>1</sup> Preliminary. <sup>2</sup> 1997 - DE, IL, MD, NJ, NY, TX, and VA. 1998 - DE, MD, NJ, NY, and TX. 1999 - DE, MD, NJ, NY, and VA.  
 NASS, Crops Branch, (202) 720-2127.

Table 4-62.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1998

| Commodity                     | Baltimore <sup>1</sup> |                          |              | Boston              |                          |               | New York <sup>2</sup> |                          |               | Philadelphia        |                          |              |
|-------------------------------|------------------------|--------------------------|--------------|---------------------|--------------------------|---------------|-----------------------|--------------------------|---------------|---------------------|--------------------------|--------------|
|                               | Rail, boat, and air    | Motor-truck <sup>3</sup> | Total        | Rail, boat, and air | Motor-truck <sup>3</sup> | Total         | Rail, boat, and air   | Motor-truck <sup>3</sup> | Total         | Rail, boat, and air | Motor-truck <sup>3</sup> | Total        |
|                               | 1,000 cwt.             | 1,000 cwt.               | 1,000 cwt.   | 1,000 cwt.          | 1,000 cwt.               | 1,000 cwt.    | 1,000 cwt.            | 1,000 cwt.               | 1,000 cwt.    | 1,000 cwt.          | 1,000 cwt.               | 1,000 cwt.   |
| <b>Vegetables:</b>            |                        |                          |              |                     |                          |               |                       |                          |               |                     |                          |              |
| Artichokes .....              |                        | 6                        | 6            |                     | 18                       | 18            |                       | 87                       | 87            |                     | 7                        | 7            |
| Asparagus .....               |                        | 41                       | 41           |                     | 66                       | 66            |                       | 112                      | 112           |                     | 37                       | 37           |
| Beans .....                   |                        | 110                      | 110          |                     | 128                      | 128           |                       | 308                      | 308           |                     | 67                       | 67           |
| Beets .....                   |                        | 3                        | 3            |                     | 3                        | 3             |                       | 131                      | 131           |                     | 6                        | 6            |
| Broccoli .....                | 14                     | 218                      | 232          | 102                 | 208                      | 310           | 188                   | 333                      | 521           | 89                  | 111                      | 200          |
| Brussels sprouts .....        |                        | 7                        | 7            |                     | 8                        | 8             |                       | 36                       | 36            |                     |                          |              |
| Cabbage .....                 |                        | 310                      | 310          |                     | 293                      | 293           |                       | 828                      | 828           |                     | 201                      | 201          |
| Carrots .....                 | 29                     | 250                      | 279          | 317                 | 413                      | 730           | 498                   | 491                      | 989           | 165                 | 135                      | 300          |
| Cauliflower .....             |                        | 94                       | 94           | 32                  | 103                      | 135           | 50                    | 162                      | 212           | 23                  | 39                       | 62           |
| Celery .....                  | 21                     | 305                      | 326          | 140                 | 186                      | 326           | 251                   | 386                      | 637           | 123                 | 217                      | 340          |
| Chinese cabbage .....         |                        | 17                       | 17           |                     | 17                       | 17            |                       | 18                       | 18            |                     | 5                        | 5            |
| Corn, sweet .....             | 2                      | 275                      | 277          | 1                   | 385                      | 386           | 14                    | 425                      | 439           | 12                  | 117                      | 129          |
| Cucumbers .....               |                        | 324                      | 324          | 1                   | 588                      | 589           |                       | 807                      | 807           |                     | 195                      | 195          |
| Eggplant .....                |                        | 40                       | 40           |                     | 95                       | 95            |                       | 377                      | 377           |                     | 53                       | 53           |
| Endive .....                  |                        | 10                       | 10           |                     | 7                        | 7             |                       | 141                      | 141           |                     | 6                        | 6            |
| Escarole .....                |                        | 5                        | 5            |                     | 9                        | 9             |                       | 145                      | 145           |                     | 12                       | 12           |
| Garlic .....                  |                        | 6                        | 6            |                     | 45                       | 45            |                       | 201                      | 201           |                     | 25                       | 25           |
| Greens .....                  |                        | 140                      | 140          |                     | 80                       | 80            |                       | 481                      | 481           |                     | 73                       | 73           |
| Lettuce, iceberg .....        | 38                     | 835                      | 873          | 31                  | 1,350                    | 1,661         | 561                   | 954                      | 1,515         | 253                 | 568                      | 821          |
| Lettuce, romaine .....        | 2                      | 193                      | 195          | 59                  | 347                      | 406           | 99                    | 573                      | 672           | 46                  | 195                      | 241          |
| Lettuce, other .....          |                        | 98                       | 98           | 1                   | 152                      | 153           |                       | 379                      | 379           |                     | 62                       | 62           |
| Mixed vegetables .....        |                        |                          |              |                     |                          |               |                       |                          |               |                     |                          |              |
| Mushrooms .....               |                        | 38                       | 38           |                     | 165                      | 165           |                       | 111                      | 111           |                     | 35                       | 35           |
| Okra .....                    |                        | 2                        | 2            |                     | 1                        | 1             |                       | 23                       | 23            |                     |                          |              |
| Onions, dry .....             | 24                     | 708                      | 732          | 202                 | 977                      | 1,179         | 399                   | 1,222                    | 1,621         | 117                 | 608                      | 725          |
| Onions, green .....           |                        | 46                       | 46           |                     | 50                       | 50            |                       | 94                       | 94            |                     | 27                       | 27           |
| Parsley .....                 |                        | 13                       | 13           |                     | 25                       | 25            |                       | 54                       | 54            |                     | 9                        | 9            |
| Peas, green .....             |                        | 10                       | 10           |                     | 21                       | 21            |                       | 35                       | 35            |                     | 8                        | 8            |
| Peas, other .....             |                        |                          |              |                     |                          |               |                       |                          |               |                     |                          |              |
| Peppers, bell .....           | 1                      | 259                      | 260          | 22                  | 607                      | 629           | 3                     | 731                      | 734           | 1                   | 323                      | 324          |
| Peppers, other .....          |                        | 9                        | 9            |                     | 21                       | 21            |                       | 264                      | 264           |                     | 15                       | 15           |
| Potatoes, table .....         | 238                    | 1,272                    | 1,510        | 785                 | 2,446                    | 3,231         | 2,389                 | 1,529                    | 3,918         | 661                 | 1,075                    | 1,736        |
| Potatoes, chipper .....       | 66                     |                          | 66           | 25                  | 43                       | 68            | 133                   |                          | 133           | 68                  |                          |              |
| Potatoes, seed .....          |                        |                          |              |                     |                          |               |                       |                          |               |                     |                          |              |
| Pumpkins .....                |                        | 20                       | 20           |                     | 32                       | 32            |                       |                          |               |                     | 9                        | 9            |
| Radishes .....                |                        | 24                       | 24           |                     | 43                       | 43            |                       | 87                       | 87            |                     | 11                       | 11           |
| Spinach .....                 |                        | 21                       | 21           |                     | 60                       | 60            |                       | 222                      | 222           |                     | 10                       | 10           |
| Squash .....                  |                        | 127                      | 127          |                     | 401                      | 401           |                       | 497                      | 497           |                     | 87                       | 87           |
| Sweet potatoes .....          |                        | 127                      | 127          |                     | 121                      | 121           |                       | 291                      | 291           |                     | 53                       | 53           |
| Tomatoes .....                | 1                      | 815                      | 816          | 48                  | 1,248                    | 1,296         | 17                    | 1,142                    | 1,159         | 13                  | 607                      | 620          |
| Tomatoes, cherry .....        |                        | 38                       | 38           | 1                   | 81                       | 82            |                       | 85                       | 85            |                     | 30                       | 30           |
| Turnips-rutabagas .....       |                        | 11                       | 11           |                     | 51                       | 51            |                       | 57                       | 57            |                     | 6                        | 6            |
| Vegetables, other .....       |                        |                          |              |                     |                          |               |                       | 13                       | 13            |                     |                          |              |
| <b>Total</b> .....            | <b>436</b>             | <b>6,827</b>             | <b>7,263</b> | <b>2,047</b>        | <b>10,894</b>            | <b>12,941</b> | <b>4,602</b>          | <b>13,832</b>            | <b>18,434</b> | <b>1,571</b>        | <b>5,044</b>             | <b>6,615</b> |
| <b>Melons:</b>                |                        |                          |              |                     |                          |               |                       |                          |               |                     |                          |              |
| Cantaloups .....              | 4                      | 394                      | 398          | 68                  | 462                      | 530           | 126                   | 454                      | 580           | 52                  | 217                      | 269          |
| Honeydews .....               | 6                      | 169                      | 175          | 25                  | 189                      | 214           | 62                    | 222                      | 284           | 22                  | 104                      | 126          |
| Mixed and miscellaneous ..... |                        | 5                        | 5            |                     | 11                       | 11            |                       | 6                        | 6             |                     | 5                        | 5            |
| Watermelons .....             | 1                      | 613                      | 614          | 5                   | 431                      | 436           | 52                    | 702                      | 754           | 29                  | 258                      | 287          |
| <b>Total</b> .....            | <b>11</b>              | <b>1,181</b>             | <b>1,192</b> | <b>98</b>           | <b>1,093</b>             | <b>1,191</b>  | <b>240</b>            | <b>1,384</b>             | <b>1,624</b>  | <b>103</b>          | <b>584</b>               | <b>687</b>   |
| <b>Grand total</b> .....      | <b>447</b>             | <b>8,008</b>             | <b>8,455</b> | <b>2,145</b>        | <b>11,987</b>            | <b>14,132</b> | <b>4,842</b>          | <b>15,216</b>            | <b>20,058</b> | <b>1,674</b>        | <b>5,628</b>             | <b>7,302</b> |

<sup>1</sup> Includes Washington. <sup>2</sup> Includes Newark. <sup>3</sup> Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Baltimore 92, Boston 88, New York 70, and Philadelphia 80.  
AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.

**Table 4-63.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1998**

| Commodity                          | Atlanta             |                          |               | Chicago             |                          |               | Los Angeles         |                          |               | San Francisco <sup>1</sup> |                          |               |
|------------------------------------|---------------------|--------------------------|---------------|---------------------|--------------------------|---------------|---------------------|--------------------------|---------------|----------------------------|--------------------------|---------------|
|                                    | Rail, boat, and air | Motor-truck <sup>2</sup> | Total         | Rail, boat, and air | Motor-truck <sup>2</sup> | Total         | Rail, boat, and air | Motor-truck <sup>2</sup> | Total         | Rail, boat, and air        | Motor-truck <sup>2</sup> | Total         |
|                                    | 1,000 cwt.          | 1,000 cwt.               | 1,000 cwt.    | 1,000 cwt.          | 1,000 cwt.               | 1,000 cwt.    | 1,000 cwt.          | 1,000 cwt.               | 1,000 cwt.    | 1,000 cwt.                 | 1,000 cwt.               | 1,000 cwt.    |
| <b>Vegetables:</b>                 |                     |                          |               |                     |                          |               |                     |                          |               |                            |                          |               |
| Artichokes .....                   |                     | 6                        | 6             |                     | 54                       | 54            |                     | 86                       | 86            |                            | 76                       | 76            |
| Asparagus .....                    |                     | 25                       | 25            |                     | 126                      | 126           | 8                   | 65                       | 73            |                            | 119                      | 119           |
| Beans .....                        |                     | 92                       | 92            |                     | 299                      | 299           |                     | 168                      | 168           |                            | 110                      | 110           |
| Beets .....                        |                     |                          |               |                     | 59                       | 59            |                     | 25                       | 25            |                            | 24                       | 24            |
| Broccoli .....                     |                     | 198                      | 198           | 157                 | 355                      | 512           |                     | 383                      | 383           |                            | 275                      | 275           |
| Brussel sprouts .....              |                     |                          |               |                     | 41                       | 41            |                     | 28                       | 28            |                            | 10                       | 10            |
| Cabbage .....                      |                     | 502                      | 502           |                     | 814                      | 814           |                     | 418                      | 418           |                            | 278                      | 278           |
| Carrots .....                      |                     | 340                      | 340           | 180                 | 721                      | 901           |                     | 696                      | 696           |                            | 531                      | 531           |
| Cauliflower .....                  |                     | 40                       | 40            | 54                  | 308                      | 362           |                     | 165                      | 165           |                            | 123                      | 123           |
| Celery .....                       |                     | 194                      | 194           | 220                 | 701                      | 921           |                     | 529                      | 529           |                            | 274                      | 274           |
| Chinese cabbage .....              |                     | 26                       | 26            |                     | 301                      | 301           |                     | 197                      | 197           |                            | 80                       | 80            |
| Corn, sweet .....                  |                     | 211                      | 211           |                     | 484                      | 484           |                     | 567                      | 567           |                            | 403                      | 403           |
| Cucumbers .....                    |                     | 241                      | 241           |                     | 837                      | 837           | 2                   | 592                      | 594           |                            | 311                      | 311           |
| Eggplant .....                     |                     | 21                       | 21            |                     | 225                      | 225           |                     | 197                      | 197           |                            | 113                      | 113           |
| Endive .....                       |                     | 5                        | 5             |                     | 177                      | 177           | 6                   | 21                       | 27            |                            | 12                       | 12            |
| Escarole .....                     |                     | 6                        | 6             |                     | 184                      | 184           |                     | 15                       | 15            |                            |                          |               |
| Garlic .....                       |                     | 18                       | 18            |                     | 104                      | 104           | 2                   | 41                       | 43            |                            | 49                       | 49            |
| Greens .....                       |                     | 118                      | 118           |                     | 267                      | 267           |                     | 177                      | 177           |                            | 83                       | 83            |
| Lettuce, iceberg .....             |                     | 1,086                    | 1,086         | 502                 | 1,607                    | 2,109         |                     | 1,562                    | 1,562         |                            | 558                      | 558           |
| Lettuce, romaine .....             |                     | 306                      | 306           | 101                 | 389                      | 490           |                     | 388                      | 388           |                            | 285                      | 285           |
| Lettuce, other .....               |                     | 54                       | 54            |                     | 182                      | 182           |                     | 293                      | 293           |                            | 178                      | 178           |
| Mixed vegetables .....             |                     |                          |               |                     |                          |               |                     |                          |               |                            |                          |               |
| Mushrooms .....                    |                     | 80                       | 80            |                     | 380                      | 380           |                     | 170                      | 170           |                            | 125                      | 125           |
| Okra .....                         |                     | 15                       | 15            |                     | 37                       | 37            | 3                   | 10                       | 13            |                            | 6                        | 6             |
| Onions, dry .....                  | 8                   | 1,425                    | 1,433         | 158                 | 1,053                    | 1,211         |                     | 1,534                    | 1,534         | 3                          | 1,040                    | 1,043         |
| Onions, green .....                |                     | 40                       | 40            |                     | 219                      | 219           |                     | 159                      | 159           |                            | 109                      | 109           |
| Parsley .....                      |                     | 12                       | 12            |                     | 104                      | 104           |                     | 37                       | 37            |                            | 30                       | 30            |
| Peas .....                         |                     |                          |               |                     | 92                       | 92            |                     | 37                       | 37            |                            | 30                       | 30            |
| Peas, other .....                  |                     | 3                        | 3             |                     |                          |               |                     |                          |               |                            |                          |               |
| Peppers, bell .....                |                     | 301                      | 301           | 1                   | 595                      | 596           | 10                  | 570                      | 580           | 1                          | 332                      | 333           |
| Peppers, other .....               |                     | 6                        | 6             |                     | 301                      | 301           |                     | 213                      | 213           |                            | 111                      | 111           |
| Potatoes, table .....              | 159                 | 1,303                    | 1,462         | 793                 | 1,210                    | 2,003         | 35                  | 5,105                    | 5,140         |                            | 1,877                    | 1,877         |
| Potatoes, chipper .....            |                     | 2,626                    | 2,626         | 6                   |                          | 6             |                     |                          |               |                            | 421                      | 421           |
| Potatoes, seed .....               |                     |                          |               |                     |                          |               |                     |                          |               |                            |                          |               |
| Pumpkins .....                     |                     | 27                       | 27            |                     | 21                       | 21            |                     | 93                       | 93            |                            | 72                       | 72            |
| Radishes .....                     |                     | 11                       | 11            |                     | 241                      | 241           |                     | 213                      | 213           |                            | 100                      | 100           |
| Spinach .....                      |                     | 27                       | 27            |                     | 188                      | 188           |                     | 127                      | 127           |                            | 96                       | 96            |
| Squash .....                       |                     | 113                      | 113           |                     | 376                      | 376           |                     | 512                      | 512           | 3                          | 350                      | 353           |
| Sweet potatoes .....               |                     | 164                      | 164           |                     | 315                      | 315           |                     | 235                      | 235           |                            | 143                      | 143           |
| Tomatoes .....                     |                     | 1,032                    | 1,032         | 14                  | 1,811                    | 1,825         | 10                  | 2,897                    | 2,907         | 47                         | 1,028                    | 1,075         |
| Tomatoes, cherry .....             |                     | 51                       | 51            |                     | 229                      | 229           |                     | 90                       | 90            |                            | 68                       | 68            |
| Turnips-rutabagas .....            |                     | 22                       | 22            |                     | 38                       | 38            |                     | 28                       | 28            |                            | 22                       | 22            |
| Vegetables, oth <sup>3</sup> ..... |                     | 1                        | 1             |                     |                          |               |                     | 23                       | 23            |                            | 44                       | 44            |
| <b>Total .....</b>                 | <b>167</b>          | <b>10,748</b>            | <b>10,915</b> | <b>2,186</b>        | <b>15,445</b>            | <b>17,631</b> | <b>76</b>           | <b>18,666</b>            | <b>18,742</b> | <b>54</b>                  | <b>9,896</b>             | <b>9,950</b>  |
| <b>Melons:</b>                     |                     |                          |               |                     |                          |               |                     |                          |               |                            |                          |               |
| Cantaloups .....                   |                     | 445                      | 445           | 98                  | 761                      | 859           |                     | 1,872                    | 1,872         |                            | 759                      | 759           |
| Honeydews .....                    |                     | 104                      | 104           | 43                  | 431                      | 474           | 1                   | 471                      | 472           |                            | 254                      | 254           |
| Mixed and miscellaneous .....      |                     | 3                        | 3             | 2                   | 9                        | 11            |                     | 48                       | 48            |                            | 59                       | 59            |
| Watermelons .....                  |                     | 469                      | 469           |                     | 653                      | 653           |                     | 1,983                    | 1,983         |                            | 772                      | 772           |
| <b>Total .....</b>                 | <b></b>             | <b>1,021</b>             | <b>1,021</b>  | <b>143</b>          | <b>1,854</b>             | <b>1,997</b>  | <b>1</b>            | <b>4,374</b>             | <b>4,375</b>  | <b></b>                    | <b>1,844</b>             | <b>1,844</b>  |
| <b>Grand total .....</b>           | <b>167</b>          | <b>11,769</b>            | <b>11,936</b> | <b>2,329</b>        | <b>17,299</b>            | <b>19,628</b> | <b>77</b>           | <b>23,040</b>            | <b>23,117</b> | <b>54</b>                  | <b>11,740</b>            | <b>11,794</b> |

<sup>1</sup> Includes Oakland. <sup>2</sup> Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Atlanta 95, Chicago 88, Los Angeles 85, and San Francisco 85. <sup>3</sup> Not otherwise specified.  
AMS, Fruit and Vegetable Division, Market News Branch (202) 720-3343.

**Table 4-64.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1998**

| Commodity                            | Jan.              | Feb.              | Mar.              | Apr.              | May               | June              | July              | Aug.              | Sep.              | Oct.              | Nov.              | Dec.              | Total             |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> |
| <b>Vegetables:</b>                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Artichokes .....                     | 10                | 15                | 26                | 27                | 26                | 3                 | 2                 | 10                | 22                | 33                | 18                | 14                | 206               |
| Asparagus .....                      | 16                | 52                | 215               | 341               | 305               | 101               | 1                 |                   |                   |                   |                   |                   | 1,031             |
| Beans .....                          | 114               | 107               | 161               | 339               | 265               | 76                | 25                | 36                | 20                | 132               | 183               | 185               | 1,643             |
| Beets .....                          | 17                | 17                | 23                | 24                | 4                 |                   |                   |                   |                   |                   | 2                 | 7                 | 94                |
| Broccoli .....                       | 704               | 746               | 706               | 561               | 697               | 693               | 608               | 544               | 543               | 571               | 734               | 638               | 7,745             |
| Cabbage .....                        | 1,136             | 1,054             | 1,555             | 1,362             | 1,085             | 469               | 470               | 789               | 837               | 815               | 705               | 1,201             | 11,478            |
| Carrots .....                        | 1,108             | 929               | 1,090             | 1,087             | 993               | 918               | 806               | 728               | 755               | 806               | 747               | 888               | 10,855            |
| Cauliflower .....                    | 335               | 300               | 356               | 297               | 331               | 376               | 277               | 257               | 273               | 355               | 375               | 370               | 3,902             |
| Celery .....                         | 1,325             | 1,020             | 1,059             | 1,149             | 1,151             | 1,437             | 1,152             | 985               | 1,154             | 1,284             | 1,775             | 1,444             | 14,935            |
| Chinese cabbage .....                | 33                | 19                | 18                | 19                | 3                 |                   |                   |                   |                   |                   | 3                 | 18                | 113               |
| Corn, sweet .....                    | 281               | 262               | 430               | 1,315             | 2,796             | 2,880             | 637               | 305               | 214               | 165               | 181               | 291               | 9,757             |
| Cucumbers .....                      | 30                | 5                 | 44                | 434               | 755               | 480               | 634               | 680               | 544               | 470               | 421               | 248               | 4,745             |
| Eggplant .....                       | 35                | 14                | 17                | 31                | 64                | 51                | 5                 |                   |                   |                   | 12                | 51                | 346               |
| Endive .....                         | 15                | 15                | 17                | 16                | 6                 |                   |                   |                   |                   |                   | 8                 | 15                | 92                |
| Escarole .....                       | 19                | 20                | 24                | 20                | 8                 |                   |                   |                   |                   |                   | 10                | 17                | 118               |
| Greens .....                         | 231               | 189               | 186               | 201               | 106               | 36                | 14                | 23                | 43                | 72                | 145               | 265               | 1,511             |
| Lettuce, iceberg .....               | 3,717             | 3,442             | 3,500             | 3,519             | 3,914             | 3,702             | 3,640             | 3,221             | 3,466             | 3,413             | 3,352             | 3,238             | 42,124            |
| Lettuce, romaine .....               | 837               | 771               | 922               | 691               | 613               | 609               | 651               | 569               | 594               | 681               | 649               | 824               | 8,411             |
| Lettuce, other .....                 | 392               | 401               | 421               | 282               | 296               | 279               | 276               | 286               | 275               | 289               | 272               | 348               | 3,817             |
| Mixed vegetables .....               |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Okra .....                           |                   |                   |                   | 3                 | 9                 |                   |                   |                   |                   |                   | 2                 | 9                 | 26                |
| Onions, dry .....                    | 3,849             | 3,212             | 2,060             | 2,754             | 3,733             | 3,109             | 2,905             | 3,569             | 3,298             | 3,496             | 3,246             | 3,195             | 38,426            |
| Onions, green .....                  | 12                | 8                 | 7                 | 3                 | 8                 | 15                | 13                | 12                | 16                | 21                | 16                | 13                | 144               |
| Parsley .....                        | 15                | 14                | 12                | 13                | 11                | 2                 |                   |                   |                   |                   | 3                 | 10                | 80                |
| Peas, other .....                    | 43                | 46                | 56                | 34                | 23                | 19                | 15                | 26                | 14                | 13                | 14                | 24                | 327               |
| Peppers, bell .....                  | 485               | 333               | 401               | 544               | 839               | 874               | 642               | 299               | 308               | 629               | 705               | 592               | 6,651             |
| Peppers, other .....                 | 31                | 17                | 22                | 29                | 40                | 8                 | 1                 |                   |                   |                   | 6                 | 24                | 220               |
| Potatoes, table .....                | 10,046            | 8,658             | 10,229            | 9,761             | 9,736             | 10,840            | 11,095            | 8,777             | 9,118             | 9,734             | 9,632             | 9,619             | 117,245           |
| Potatoes, chipper .....              | 3,793             | 2,965             | 3,418             | 2,229             | 4,463             | 2,845             | 1,150             | 1,731             | 2,062             | 3,006             | 2,580             | 3,158             | 33,400            |
| Potatoes, seed .....                 | 1,225             | 990               | 3,033             | 7,213             | 4,258             | 238               | 4                 | 3                 | 26                | 142               | 267               | 295               | 17,694            |
| Radishes .....                       | 30                | 31                | 37                | 31                | 19                | 2                 |                   |                   |                   |                   | 13                | 26                | 189               |
| Spinach .....                        | 92                | 82                | 61                | 17                | 10                | 16                | 15                | 5                 | 7                 | 8                 | 14                | 45                | 372               |
| Squash .....                         | 68                | 55                | 64                | 153               | 102               | 46                | 38                | 47                | 33                | 55                | 113               | 109               | 883               |
| Sweet potatoes .....                 | 281               | 261               | 270               | 372               | 233               | 168               | 148               | 153               | 263               | 385               | 736               | 415               | 3,685             |
| Tomatoes .....                       | 1,555             | 937               | 1,218             | 1,730             | 2,289             | 2,088             | 1,577             | 2,250             | 1,946             | 2,147             | 2,211             | 2,359             | 22,307            |
| Tomatoes, cherry .....               | 40                | 31                | 38                | 61                | 79                | 47                | 27                | 24                | 12                | 41                | 41                | 39                | 480               |
| Turnips-rutabagas .....              | 1                 | 3                 | 3                 | 1                 |                   |                   |                   |                   |                   |                   | 2                 | 1                 | 11                |
| Vegetables, other <sup>1</sup> ..... |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| <b>Total .....</b>                   | <b>31,921</b>     | <b>27,021</b>     | <b>31,699</b>     | <b>36,663</b>     | <b>39,270</b>     | <b>32,427</b>     | <b>26,828</b>     | <b>25,329</b>     | <b>25,843</b>     | <b>28,783</b>     | <b>29,257</b>     | <b>30,022</b>     | <b>365,063</b>    |
| <b>Melons:</b>                       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Cantaloups .....                     |                   |                   |                   |                   | 1,266             | 2,855             | 1,440             | 69                | 45                | 775               | 623               | 34                | 7,107             |
| Honeydews .....                      |                   |                   |                   |                   | 316               | 306               | 329               | 40                | 60                | 241               | 175               | 1                 | 1,468             |
| Mixed and miscellaneous .....        |                   |                   |                   |                   | 3                 | 61                | 57                | 1                 | 3                 |                   |                   |                   | 125               |
| Watermelons .....                    |                   |                   |                   | 34                | 4,177             | 9,022             | 6,072             | 3,911             | 1,436             | 210               | 174               | 49                | 25,085            |
| <b>Total .....</b>                   |                   |                   |                   | <b>34</b>         | <b>5,762</b>      | <b>12,244</b>     | <b>7,898</b>      | <b>4,021</b>      | <b>1,544</b>      | <b>1,226</b>      | <b>972</b>        | <b>84</b>         | <b>33,785</b>     |
| <b>Grand total .....</b>             | <b>31,921</b>     | <b>27,021</b>     | <b>31,699</b>     | <b>36,697</b>     | <b>45,032</b>     | <b>44,671</b>     | <b>34,726</b>     | <b>29,350</b>     | <b>27,387</b>     | <b>30,009</b>     | <b>30,229</b>     | <b>30,106</b>     | <b>398,848</b>    |

<sup>1</sup> Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720-3343.



**Table 4-65.—Vegetables (fresh), melons, potatoes, sweet potatoes: Per capita civilian utilization (farm-weight basis), United States, 1989–98<sup>1</sup>**

| Year       | Cabbage       | Cucumbers     | Tomatoes      | Asparagus     | Broccoli      | Carrots       | Head Lettuce  | Leaf/romaine  |
|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|            | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1989 ..... | 8.7           | 4.8           | 16.8          | .6            | 3.8           | 8.1           | 28.8          | 3.6           |
| 1990 ..... | 8.8           | 4.7           | 15.5          | .6            | 3.4           | 8.3           | 27.8          | 3.8           |
| 1991 ..... | 8.5           | 4.6           | 15.4          | .6            | 3.1           | 7.7           | 26.1          | 4.0           |
| 1992 ..... | 8.9           | 5.0           | 15.5          | .6            | 3.4           | 8.3           | 25.9          | 4.7           |
| 1993 ..... | 9.5           | 5.3           | 16.4          | .6            | 3.4           | 10.9          | 24.6          | 5.1           |
| 1994 ..... | 9.4           | 5.4           | 16.4          | .6            | 4.5           | 12.8          | 25.3          | 5.7           |
| 1995 ..... | 8.4           | 5.7           | 17.1          | .6            | 4.4           | 11.3          | 22.5          | 6.0           |
| 1996 ..... | 8.6           | 6.0           | 17.7          | .6            | 4.6           | 12.6          | 21.9          | 5.9           |
| 1997 ..... | 9.4           | 6.5           | 17.1          | 0.7           | 5.1           | 14.4          | 26.7          | 6.7           |
| 1998 ..... | 8.9           | 6.7           | 17.4          | 0.8           | 5.6           | 13.6          | 22.8          | 7.4           |

  

| Year       | Snap beans    | Garlic        | Cauliflower   | Celery        | Sweet Corn    | Onions        | Spinach       | Bell peppers  |
|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|            | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1989 ..... | 1.2           | 1.0           | 2.3           | 7.5           | 6.5           | 14.8          | 0.6           | 4.7           |
| 1990 ..... | 1.1           | 1.3           | 2.2           | 7.2           | 6.7           | 15.1          | 0.8           | 4.5           |
| 1991 ..... | 1.1           | 1.5           | 2.0           | 6.8           | 5.9           | 15.7          | 0.8           | 5.1           |
| 1992 ..... | 1.5           | 1.5           | 1.8           | 7.4           | 6.9           | 16.2          | 0.8           | 5.7           |
| 1993 ..... | 1.5           | 1.8           | 2.1           | 7.3           | 7.0           | 17.3          | 0.7           | 6.2           |
| 1994 ..... | 1.6           | 1.9           | 2.0           | 7.4           | 8.2           | 17.1          | 0.8           | 6.5           |
| 1995 ..... | 1.7           | 1.9           | 1.7           | 6.9           | 7.9           | 18.0          | 0.7           | 6.3           |
| 1996 ..... | 1.5           | 2.4           | 1.7           | 6.4           | 8.5           | 18.7          | 0.6           | 7.2           |
| 1997 ..... | 1.4           | 2.1           | 1.8           | 6.1           | 8.4           | 19.1          | 1.1           | 6.6           |
| 1998 ..... | 1.7           | 2.5           | 1.6           | 6.2           | 9.0           | 18.6          | 1.0           | 6.4           |

  

| Year       | Watermelon    | Cantaloupe    | Honeydew melons | Others <sup>2</sup> | Total vegetables and melons | Potatoes      | Sweet potatoes |
|------------|---------------|---------------|-----------------|---------------------|-----------------------------|---------------|----------------|
|            | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>   | <i>Pounds</i>       | <i>Pounds</i>               | <i>Pounds</i> | <i>Pounds</i>  |
| 1989 ..... | 13.6          | 10.4          | 2.5             | 2.3                 | 142.6                       | 50.0          | 4.1            |
| 1990 ..... | 13.3          | 9.2           | 2.1             | 2.1                 | 138.5                       | 46.8          | 4.6            |
| 1991 ..... | 12.8          | 8.7           | 1.9             | 2.1                 | 134.3                       | 50.4          | 4.0            |
| 1992 ..... | 14.8          | 8.5           | 2.1             | 2.1                 | 141.6                       | 48.6          | 4.3            |
| 1993 ..... | 14.3          | 8.7           | 1.7             | 1.9                 | 146.3                       | 50.63         | 3.9            |
| 1994 ..... | 15.2          | 8.5           | 2.0             | 2.1                 | 153.4                       | 50.2          | 4.7            |
| 1995 ..... | 15.4          | 9.1           | 1.9             | 1.9                 | 149.3                       | 49.9          | 4.5            |
| 1996 ..... | 16.8          | 10.4          | 2.1             | 1.8                 | 156.0                       | 50.7          | 4.6            |
| 1997 ..... | 15.8          | 10.7          | 2.3             | 2.0                 | 164.0                       | 48.5          | 4.5            |
| 1998 ..... | 14.5          | 11.3          | 2.4             | 1.9                 | 160.3                       | 47.8          | 4.1            |

<sup>1</sup>Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. <sup>2</sup>Includes artichokes, eggplant, radishes, brussels sprouts and escarole/endive.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202)694-5253.

**Table 4-66.—Vegetables, canning: Per capita utilization (farm weight), United States, 1989–98**

| Year                    | Cabbage for kraut | Asparagus     | Snap beans    | Carrots       | Green peas    |
|-------------------------|-------------------|---------------|---------------|---------------|---------------|
|                         | <i>Pounds</i>     | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1989 .....              | 1.3               | 0.3           | 3.9           | 0.9           | 1.7           |
| 1990 .....              | 1.2               | 0.3           | 3.7           | 1.1           | 2.0           |
| 1991 .....              | 1.4               | 0.3           | 4.1           | 1.1           | 1.9           |
| 1992 .....              | 1.2               | 0.3           | 4.0           | 1.7           | 2.1           |
| 1993 .....              | 1.4               | 0.3           | 4.0           | 1.0           | 1.6           |
| 1994 .....              | 1.2               | 0.2           | 3.8           | 1.3           | 1.5           |
| 1995 .....              | 1.4               | 0.3           | 3.6           | 1.7           | 1.6           |
| 1996 .....              | 1.0               | 0.2           | 3.9           | 1.7           | 1.5           |
| 1997 .....              | 1.5               | 0.2           | 3.7           | 1.5           | 1.5           |
| 1998 <sup>1</sup> ..... | 1.4               | 0.2           | 3.8           | 1.5           | 1.5           |

  

| Year                    | Tomatoes      | Corn          | Pickles       | Other <sup>2</sup> | Total <sup>3</sup> |
|-------------------------|---------------|---------------|---------------|--------------------|--------------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>      | <i>Pounds</i>      |
| 1989 .....              | 69.4          | 9.5           | 5.2           | 6.5                | 98.7               |
| 1990 .....              | 75.4          | 11.0          | 5.0           | 7.5                | 107.2              |
| 1991 .....              | 77.4          | 11.1          | 5.1           | 7.3                | 109.7              |
| 1992 .....              | 73.7          | 11.9          | 4.6           | 8.6                | 108.1              |
| 1993 .....              | 76.4          | 11.2          | 4.4           | 8.4                | 108.7              |
| 1994 .....              | 73.6          | 10.2          | 4.7           | 7.5                | 103.9              |
| 1995 .....              | 75.6          | 10.5          | 5.2           | 7.2                | 107.1              |
| 1996 .....              | 74.2          | 10.5          | 4.1           | 8.1                | 105.2              |
| 1997 .....              | 73.9          | 9.3           | 5.3           | 8.1                | 105.0              |
| 1998 <sup>1</sup> ..... | 75.6          | 9.4           | 4.4           | 7.3                | 105.1              |

<sup>1</sup> Preliminary. <sup>2</sup> Includes beets, chile peppers (all uses), green lima beans and spinach. <sup>3</sup> Totals may not add due to rounding.

ERS, Specialty Crops Branch, (202) 694-5253.

**Table 4-67.—Vegetables, frozen: Commercial pack, United States, 1989–98**

| Commodity                  | 1989         | 1990         | 1991         | 1992         | 1993         |
|----------------------------|--------------|--------------|--------------|--------------|--------------|
|                            | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| Artichokes                 | 1,542        | 1,326        | 1,273        | 1,142        | 733          |
| Asparagus                  | 19,741       | 17,737       | 13,595       | 16,525       | 14,522       |
| Beans, butter              | 7,389        | 8,148        | 9,528        | 3,906        | 3,642        |
| Beans, green, regular cut  | 237,853      | 221,768      | 221,306      | 187,377      | 203,333      |
| Beans, green, French cut   | 73,682       | 85,994       | 62,437       | 49,704       | 69,478       |
| Beans, green, wax          | 7,665        | 9,311        | 8,048        | 6,897        | 6,091        |
| Beans, green, Italian      | 29,712       | 27,160       | 22,866       | 20,061       | 18,639       |
| Beans, whole               | 31,641       | 34,938       | 33,634       | 42,622       | 33,811       |
| Beans, baby lima           | 103,648      | 132,976      | 72,931       | 44,592       | 66,464       |
| Beans, lima, Fordhook      | 17,086       | 12,777       | 17,058       | 15,129       | 13,322       |
| Broccoli                   | 290,566      | 258,755      | 174,470      | 168,518      | 165,183      |
| Brussels sprouts           | 46,557       | 38,482       | 34,619       | 42,805       | 46,950       |
| Carrots                    | 358,848      | 328,781      | 318,001      | 371,232      | 403,174      |
| Cauliflower                | 109,822      | 80,081       | 69,229       | 70,317       | 73,335       |
| Celery                     | 31,029       | 38,451       | 28,383       | 27,161       | 36,668       |
| Collards                   | 17,855       | 20,676       | 15,968       | 15,981       | 17,714       |
| Corn, cut                  | 502,980      | 518,330      | 553,499      | 548,749      | 473,105      |
| Corn-on-cob                | 436,301      | 450,490      | 440,540      | 375,666      | 377,657      |
| Kale                       | 4,208        | 4,196        | 4,645        | 4,106        | 4,010        |
| Mushrooms                  | 35,084       | 24,909       | 26,143       | 26,536       | 21,535       |
| Mustard greens             | 12,329       | 10,027       | 10,710       | 7,928        | 12,311       |
| Okra                       | 60,005       | 64,748       | 66,295       | 61,738       | 34,593       |
| Onions                     | 208,762      | 78,331       | 83,200       | 85,222       | 91,576       |
| Peas, blackeye             | 33,500       | 30,414       | 27,277       | 27,195       | 25,582       |
| Peas, green                | 469,404      | 482,910      | 488,467      | 465,375      | 391,943      |
| Peppers, green and red     | 30,735       | 36,585       | 47,313       | 57,935       | 46,331       |
| Potato products            | 5,998,312    | 6,358,968    | 6,498,915    | 6,798,442    | 7,252,774    |
| Pumpkin and cooked squash  | 21,538       | 22,445       | 20,782       | 21,534       | 24,196       |
| Rhubarb                    | 8,730        | 9,116        | 7,458        | 6,426        | 10,081       |
| Spinach                    | 159,891      | 211,784      | 141,644      | 184,642      | 167,147      |
| Squash, summer             | 74,716       | 69,631       | 49,448       | 58,184       | 57,366       |
| Sweet potatoes and yams    | 26,380       | 19,772       | 12,370       | 19,456       | 16,234       |
| Turnip greens              | 17,024       | 17,972       | 16,646       | 14,213       | 17,666       |
| Turnip greens with turnips | 24,563       | 19,603       | 19,005       | 18,290       | 23,776       |
| Miscellaneous vegetables   | 11,399       | 16,378       | 16,877       | 14,964       | 15,164       |
| Total                      | 9,520,497    | 9,763,970    | 9,634,580    | 9,880,573    | 10,236,106   |

| Commodity                            | 1994         | 1995         | 1996         | 1997         | 1998         |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
|                                      | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| Artichokes                           | 1,364        |              |              |              |              |
| Asparagus                            | 14,967       | 13,985       | 10,364       | 10,103       | 9,792        |
| Beans, butter                        | 7,491        | 7,664        | 4,577        | 5,170        | 7,298        |
| Beans, green, regular cut            | 239,059      | 208,246      | 232,711      | 231,625      | 214,871      |
| Beans, green, French cut             | 71,104       | 70,144       | 65,041       | 75,086       | 73,613       |
| Beans, green, wax                    | 9,144        | 7,120        | 7,592        | 7,324        | 8,927        |
| Beans, green, Italian                | 25,197       | 17,267       | 17,711       | 18,364       | 18,531       |
| Beans, whole                         | 41,173       | 53,538       | 50,517       | 58,605       | 71,481       |
| Beans, baby lima                     | 95,695       | 101,295      | 85,053       | 97,598       | 101,757      |
| Beans, lima, Fordhook                | 18,942       | 20,489       | 22,645       | 25,872       | 22,962       |
| Broccoli                             | 151,150      | 205,471      | 138,387      | 109,013      | 144,361      |
| Brussels sprouts                     | 34,393       | 25,519       | 30,154       | 26,436       | 33,062       |
| Carrots                              | 412,709      | 418,816      | 397,967      | 409,044      | 388,094      |
| Cauliflower                          | 66,878       | 64,207       | 48,541       | 44,590       | 44,607       |
| Celery                               | 34,334       | 32,279       | 40,343       | 32,985       | 29,001       |
| Collards                             | 20,871       | 17,647       | 17,709       | 22,244       | 26,915       |
| Corn, cut                            | 686,140      | 694,110      | 646,389      | 736,545      | 753,429      |
| Corn-on-cob                          | 492,522      | 414,662      | 383,840      | 464,942      | 435,271      |
| Kale                                 | 3,212        | 3,664        | 2,671        | 4,213        | 2,936        |
| Mushrooms                            | 27,200       | 26,778       | 23,219       | 22,537       | 20,415       |
| Mustard greens                       | 9,987        | 10,302       | 11,294       | 13,139       | 10,349       |
| Okra                                 | 65,114       | 64,810       | 60,847       | 57,725       | 85,762       |
| Onions                               | 100,138      | 99,639       | 111,021      | 115,980      | 122,289      |
| Peas, blackeye                       | 33,427       | 29,352       | 22,901       | 25,363       | 27,684       |
| Peas, green                          | 499,744      | 505,350      | 369,390      | 468,074      | 491,377      |
| Peppers, green and red               | 42,787       | 54,155       | 44,858       | 40,746       | 42,599       |
| Potato products                      | 7,934,849    | 8,364,909    | 8,419,203    | 8,381,370    | 8,723,707    |
| Pumpkin and cooked squash            | 27,356       | 28,097       | 20,058       | 24,570       | 19,329       |
| Rhubarb                              | 7,525        | 8,228        | 6,910        | 7,505        | 6,558        |
| Spinach                              | 204,495      | 185,640      | 182,999      | 198,715      | 190,028      |
| Squash, summer                       | 58,050       | 54,957       | 42,387       | 46,579       | 42,976       |
| Sweet potatoes and yams <sup>1</sup> | 19,506       | 14,127       | 14,532       | 20,992       |              |
| Turnip greens                        | 19,834       | 18,203       | 19,112       | 20,490       | 21,719       |
| Turnip greens with turnips           | 21,998       | 17,041       | 19,568       | 25,119       | 19,485       |
| Miscellaneous vegetables             | 38,575       | 41,004       | 36,715       | 46,363       | 42,849       |
| Total                                | 11,536,930   | 11,898,715   | 11,607,226   | 11,895,026   | 12,253,884   |

<sup>1</sup> Included with miscellaneous vegetables.  
ERS, Specialty Crops Branch, (202) 694-5253. Data from American Frozen Food Institute.

**Table 4-68.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1998**

| Commodity                        | East and South <sup>1</sup> | Midwest <sup>2</sup> | West <sup>3</sup> | Northwest <sup>4</sup> | California   | Total        |
|----------------------------------|-----------------------------|----------------------|-------------------|------------------------|--------------|--------------|
|                                  | 1,000 pounds                | 1,000 pounds         | 1,000 pounds      | 1,000 pounds           | 1,000 pounds | 1,000 pounds |
| Asparagus .....                  |                             |                      | 9,792             |                        |              | 9,972        |
| Beans, butter .....              | 7,298                       |                      |                   |                        |              | 7,298        |
| Beans, green, regular cut .....  | 65,181                      | 80,367               | 69,323            |                        |              | 214,871      |
| Beans, green, French cut .....   | 24,197                      | 14,174               | 35,242            |                        |              | 73,613       |
| Beans, wax .....                 |                             |                      | 8,927             |                        |              | 8,927        |
| Beans, green, Italian .....      |                             |                      | 6,670             | 11,861                 |              | 18,531       |
| Beans, whole .....               |                             |                      | 8,927             |                        |              | 8,927        |
| Beans, baby lima .....           |                             |                      | 36,342            | 29,291                 | 36,124       | 101,757      |
| Beans, lima, Fordhook .....      |                             |                      | 22,962            |                        |              | 22,962       |
| Broccoli .....                   |                             |                      | 144,361           |                        |              | 144,361      |
| Brussels sprouts .....           |                             |                      | 33,062            |                        |              | 33,062       |
| Carrots .....                    | 147,574                     | 50,564               | 289,956           |                        |              | 388,094      |
| Cauliflower .....                |                             |                      | 44,607            |                        |              | 44,607       |
| Celery .....                     |                             |                      |                   |                        |              | 29,001       |
| Collards .....                   |                             |                      |                   |                        |              | 26,915       |
| Corn, cut .....                  | 106,055                     | 162,139              | 485,085           |                        |              | 753,279      |
| Corn-on-cob .....                |                             | 143,725              | 291,546           |                        |              | 435,271      |
| Kale .....                       |                             |                      |                   |                        |              | 2,936        |
| Mustard greens .....             |                             |                      |                   |                        |              | 10,349       |
| Okra .....                       |                             |                      |                   |                        |              | 85,762       |
| Onions <sup>11</sup> .....       |                             |                      |                   |                        |              | 122,289      |
| Peas, blackeye .....             |                             |                      |                   |                        |              | 27,684       |
| Peas, green .....                |                             |                      |                   |                        |              | 491,377      |
| Peppers, green and red .....     | 175,214                     |                      | 25,075            |                        |              | 42,599       |
| Potato products .....            |                             |                      |                   |                        |              | 8,723,707    |
| Pumpkins and cooked squash ..... |                             | 19,329               |                   |                        |              | 19,329       |
| Rhubarb .....                    |                             |                      | 6,558             |                        |              | 6,558        |
| Spinach .....                    | 100,909                     |                      |                   |                        | 89,119       | 190,028      |
| Squash, summer .....             |                             |                      |                   |                        |              | 42,976       |
| Sweet potatoes and yams .....    | 20,992                      |                      |                   |                        |              | 20,992       |
| Turnip greens .....              |                             |                      |                   |                        |              | 21,719       |
| Turnip greens with turnips ..... |                             |                      |                   |                        |              | 19,485       |
| Mushrooms .....                  |                             |                      |                   |                        |              | 20,415       |
| Miscellaneous vegetables .....   |                             |                      |                   |                        |              | 42,849       |

<sup>1</sup>Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup>Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup>California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup>Idaho, Oregon, and Washington. <sup>5</sup>South and Northwest. <sup>6</sup>East, South, and West. <sup>7</sup>Midwest and West. <sup>8</sup>East, South, Midwest, and West. <sup>9</sup>East, South, and Midwest. <sup>10</sup>Regional packs not reported. <sup>11</sup>Excludes breaded, battered, and extruded onion rings.

ERS, Specialty Crops Branch, (202) 694-5253. Data from American Frozen Food Institute.

**Table 4-69.—Vegetables, freezing: Per capita utilization consumption (farm weight basis), United States, 1989–98**

| Year                    | Leafy, green, and yellow vegetables |               |               |               |               |
|-------------------------|-------------------------------------|---------------|---------------|---------------|---------------|
|                         | Asparagus                           | Snap beans    | Carrots       | Peas          | Broccoli      |
|                         | <i>Pounds</i>                       | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| 1989 .....              | 0.1                                 | 2.0           | 2.5           | 2.0           | 2.2           |
| 1990 .....              | 0.1                                 | 1.9           | 2.3           | 2.2           | 2.2           |
| 1991 .....              | 0.1                                 | 1.8           | 2.4           | 2.3           | 2.3           |
| 1992 .....              | 0.1                                 | 1.7           | 2.3           | 2.0           | 2.4           |
| 1993 .....              | 0.1                                 | 1.8           | 2.8           | 1.9           | 2.3           |
| 1994 .....              | 0.1                                 | 2.0           | 2.8           | 2.2           | 2.3           |
| 1995 .....              | 0.1                                 | 1.7           | 2.6           | 2.1           | 2.6           |
| 1996 .....              | 0.1                                 | 1.9           | 2.9           | 1.9           | 2.6           |
| 1997 .....              | 0.1                                 | 1.8           | 2.6           | 2.1           | 2.3           |
| 1998 <sup>1</sup> ..... | 0.1                                 | 2.0           | 2.8           | 1.9           | 2.1           |

  

| Year                    | Cauliflower   | Sweet Corn    | Other <sup>2</sup> | Total vegeta-<br>bles excluding<br>potatoes | Potato<br>products | Grand total   |
|-------------------------|---------------|---------------|--------------------|---|--------------------|---------------|
|                         | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>      | <i>Pounds</i>                               | <i>Pounds</i>      | <i>Pounds</i> |
| 1989 .....              | 0.8           | 8.4           | 2.8                | 20.8  | 46.8               | 67.6          |
| 1990 .....              | 0.8           | 8.6           | 2.2                | 20.3  | 46.5               | 66.8          |
| 1991 .....              | 0.6           | 9.4           | 2.6                | 21.5  | 51.2               | 72.7          |
| 1992 .....              | 0.7           | 9.0           | 2.4                | 20.6  | 50.2               | 70.8          |
| 1993 .....              | 0.7           | 9.8           | 2.8                | 22.2  | 53.9               | 76.1          |
| 1994 .....              | 0.6           | 9.2           | 2.9                | 22.1  | 56.3               | 78.4          |
| 1995 .....              | 0.6           | 10.5          | 2.8                | 23.0  | 56.9               | 79.9          |
| 1996 .....              | 0.5           | 10.5          | 3.1                | 23.5  | 61.2               | 84.7          |
| 1997 .....              | 0.4           | 10.2          | 2.9                | 22.4  | 59.3               | 81.7          |
| 1998 <sup>1</sup> ..... | 0.8           | 10.0          | 2.9                | 22.6  | 59.6               | 82.2          |

<sup>1</sup> Preliminary. <sup>2</sup> Includes green lima beans, spinach, and miscellaneous freezing vegetables.  
ERS, Specialty Crops Branch, (202) 694-5253.

**Table 4-70.—Commercially produced vegetables: Per capita utilization, United States, 1989–98<sup>1</sup>**

| Year       | Farm weight equivalent               |                    |                        |               |               | Percentage of annual total |                |                |                |
|------------|--------------------------------------|--------------------|------------------------|---------------|---------------|----------------------------|----------------|----------------|----------------|
|            | Total<br>fresh and<br>proc-<br>essed | Fresh <sup>2</sup> | Processed <sup>3</sup> |               |               | Fresh                      | Processed      |                |                |
|            |                                      |                    | Total                  | Canning       | Freezing      |                            | Total          | Canning        | Freezing       |
|            | <i>Pounds</i>                        | <i>Pounds</i>      | <i>Pounds</i>          | <i>Pounds</i> | <i>Pounds</i> | <i>Percent</i>             | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 1989 ..... | 262.1                                | 142.6              | 119.5                  | 98.7          | 20.8          | 54.4                       | 45.6           | 37.7           | 7.9            |
| 1990 ..... | 267.0                                | 138.5              | 128.5                  | 108.2         | 20.3          | 51.9                       | 48.1           | 40.5           | 7.6            |
| 1991 ..... | 266.6                                | 134.3              | 132.3                  | 110.8         | 21.5          | 50.4                       | 49.6           | 41.5           | 8.1            |
| 1992 ..... | 271.1                                | 141.6              | 129.5                  | 108.8         | 20.7          | 52.2                       | 47.8           | 40.2           | 7.6            |
| 1993 ..... | 278.1                                | 146.3              | 131.8                  | 109.6         | 22.2          | 52.6                       | 47.4           | 39.4           | 8.0            |
| 1994 ..... | 284.1                                | 153.4              | 130.7                  | 108.6         | 22.1          | 54.0                       | 46.0           | 38.2           | 7.8            |
| 1995 ..... | 279.5                                | 149.3              | 130.2                  | 107.2         | 23.0          | 53.4                       | 46.6           | 38.4           | 8.2            |
| 1996 ..... | 285.0                                | 156.0              | 129.0                  | 105.5         | 23.5          | 54.7                       | 45.3           | 37.1           | 8.2            |
| 1997 ..... | 290.7                                | 164.0              | 126.7                  | 104.3         | 22.4          | 56.4                       | 43.6           | 35.9           | 7.7            |
| 1998 ..... | 288.3                                | 160.3              | 128.0                  | 105.4         | 22.6          | 55.6                       | 44.4           | 36.6           | 7.8            |

<sup>1</sup> Excludes potatoes, sweet potatoes, pulses, dehydrating onions, and mushrooms. <sup>2</sup> See table 4-64 for items included. Includes melons. <sup>3</sup> See table 4-65 for items included.  
ERS, Market and Trade Economics Division, Specialty Crops Branch, (202)694-5253.

**Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1998 and 1999**

| Month          | Asparagus    |              | Green beans, regular cut |              | Green beans, French cut |              | Green beans, total |              |
|----------------|--------------|--------------|--------------------------|--------------|-------------------------|--------------|--------------------|--------------|
|                | 1998         | 1999         | 1998                     | 1999         | 1998                    | 1999         | 1998               | 1999         |
|                | 1,000 pounds | 1,000 pounds | 1,000 pounds             | 1,000 pounds | 1,000 pounds            | 1,000 pounds | 1,000 pounds       | 1,000 pounds |
| January .....  | 5,692        | 5,130        | 179,474                  | 154,756      | 31,659                  | 35,654       | 211,133            | 190,410      |
| February ..... | 5,359        | 3,852        | 140,751                  | 133,250      | 31,890                  | 39,701       | 172,641            | 172,951      |
| March .....    | 4,412        | 3,310        | 115,761                  | 120,682      | 26,586                  | 38,735       | 142,347            | 159,417      |
| April .....    | 4,432        | 3,046        | 102,523                  | 91,479       | 21,925                  | 27,867       | 124,448            | 119,346      |
| May .....      | 10,201       | 8,122        | 83,897                   | 73,668       | 20,012                  | 31,196       | 103,909            | 104,864      |
| June .....     | 11,766       | 15,712       | 72,493                   | 61,831       | 18,773                  | 20,694       | 91,266             | 82,525       |
| July .....     | 11,154       | 18,071       | 133,939                  | 111,933      | 33,017                  | 27,910       | 166,956            | 139,843      |
| August .....   | 9,957        | 17,005       | 208,884                  | 184,762      | 44,667                  | 38,607       | 253,551            | 223,369      |
| September ..   | 8,630        | 16,049       | 234,523                  | 216,690      | 51,520                  | 44,215       | 286,043            | 260,905      |
| October .....  | 7,668        | 15,083       | 228,099                  | 196,364      | 48,408                  | 41,629       | 276,507            | 237,993      |
| November ...   | 6,319        | 13,962       | 202,372                  | 172,979      | 45,728                  | 38,146       | 248,100            | 211,125      |
| December ...   | 6,162        | 12,076       | 172,372                  | 150,310      | 41,028                  | 36,080       | 213,400            | 186,390      |

  

| Month          | Broccoli spears |              | Broccoli, chopped & cut |              | Broccoli, total |              | Brussels sprouts |              |
|----------------|-----------------|--------------|-------------------------|--------------|-----------------|--------------|------------------|--------------|
|                | 1998            | 1999         | 1998                    | 1999         | 1998            | 1999         | 1998             | 1999         |
|                | 1,000 pounds    | 1,000 pounds | 1,000 pounds            | 1,000 pounds | 1,000 pounds    | 1,000 pounds | 1,000 pounds     | 1,000 pounds |
| January .....  | 23,527          | 33,571       | 91,980                  | 85,540       | 115,507         | 119,111      | 17,418           | 20,460       |
| February ..... | 27,949          | 38,535       | 92,864                  | 105,519      | 120,813         | 144,054      | 14,975           | 19,443       |
| March .....    | 27,313          | 43,389       | 87,159                  | 122,520      | 114,472         | 165,909      | 13,481           | 16,086       |
| April .....    | 25,881          | 45,509       | 86,550                  | 144,094      | 112,431         | 189,603      | 9,926            | 17,574       |
| May .....      | 23,974          | 44,839       | 91,704                  | 135,920      | 115,678         | 180,759      | 8,664            | 15,139       |
| June .....     | 23,296          | 49,485       | 84,374                  | 139,675      | 107,670         | 189,160      | 7,485            | 15,145       |
| July .....     | 22,890          | 52,559       | 87,638                  | 150,122      | 110,528         | 202,681      | 6,130            | 13,306       |
| August .....   | 21,730          | 50,908       | 85,192                  | 142,707      | 106,922         | 193,615      | 4,562            | 10,232       |
| September ..   | 19,444          | 46,735       | 84,463                  | 134,059      | 103,907         | 180,794      | 3,702            | 9,075        |
| October .....  | 19,959          | 38,622       | 80,138                  | 130,965      | 100,097         | 169,587      | 7,150            | 13,118       |
| November ...   | 22,391          | 36,182       | 84,492                  | 124,436      | 106,883         | 160,618      | 12,935           | 20,380       |
| December ...   | 24,442          | 34,354       | 89,310                  | 123,021      | 113,752         | 157,375      | 18,745           | 25,649       |

  

| Month          | Fordhook lima beans |              | Baby lima beans |              | Mixed vegetables |              | Okra         |              |
|----------------|---------------------|--------------|-----------------|--------------|------------------|--------------|--------------|--------------|
|                | 1998                | 1999         | 1998            | 1999         | 1998             | 1999         | 1998         | 1999         |
|                | 1,000 pounds        | 1,000 pounds | 1,000 pounds    | 1,000 pounds | 1,000 pounds     | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 15,327              | 8,984        | 49,950          | 57,018       | 47,856           | 51,200       | 46,051       | 38,920       |
| February ..... | 13,916              | 8,108        | 42,980          | 51,730       | 48,530           | 51,657       | 42,422       | 33,001       |
| March .....    | 12,560              | 6,829        | 40,949          | 48,754       | 48,493           | 48,771       | 33,457       | 25,008       |
| April .....    | 11,498              | 6,367        | 36,632          | 42,307       | 51,951           | 51,251       | 26,410       | 22,738       |
| May .....      | 10,886              | 6,012        | 32,177          | 38,862       | 55,943           | 48,036       | 29,954       | 38,322       |
| June .....     | 9,520               | 4,924        | 28,139          | 33,466       | 49,375           | 46,699       | 58,463       | 51,951       |
| July .....     | 7,572               | 6,048        | 24,652          | 29,828       | 52,960           | 48,651       | 71,015       | 57,424       |
| August .....   | 13,373              | 8,530        | 31,074          | 31,197       | 47,541           | 47,910       | 70,342       | 62,888       |
| September ..   | 19,359              | 14,746       | 57,091          | 57,236       | 47,287           | 50,863       | 67,623       | 61,690       |
| October .....  | 19,290              | 14,935       | 77,469          | 71,374       | 49,682           | 51,834       | 64,033       | 54,499       |
| November ...   | 16,727              | 15,413       | 76,347          | 64,507       | 45,778           | 52,358       | 55,588       | 50,480       |
| December ...   | 12,049              | 15,302       | 63,420          | 56,691       | 53,020           | 51,537       | 46,567       | 39,837       |

  

| Month          | Carrots, diced |              | Carrots, other |              | Carrots, total |              | Cauliflower  |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|--------------|--------------|
|                | 1998           | 1999         | 1998           | 1999         | 1998           | 1999         | 1998         | 1999         |
|                | 1,000 pounds   | 1,000 pounds | 1,000 pounds   | 1,000 pounds | 1,000 pounds   | 1,000 pounds | 1,000 pounds | 1,000 pounds |
| January .....  | 74,958         | 67,736       | 197,572        | 162,291      | 272,530        | 230,027      | 63,652       | 51,916       |
| February ..... | 60,074         | 69,165       | 183,418        | 162,038      | 243,492        | 231,203      | 61,256       | 49,641       |
| March .....    | 56,576         | 58,225       | 166,742        | 147,903      | 223,318        | 206,128      | 56,572       | 49,511       |
| April .....    | 53,771         | 61,712       | 145,766        | 137,193      | 199,537        | 198,905      | 46,885       | 41,664       |
| May .....      | 49,173         | 54,361       | 136,029        | 124,530      | 185,202        | 178,891      | 43,829       | 38,802       |
| June .....     | 38,257         | 46,993       | 123,306        | 115,576      | 161,563        | 162,569      | 36,859       | 32,894       |
| July .....     | 28,769         | 44,520       | 120,687        | 113,375      | 149,456        | 157,895      | 31,886       | 29,224       |
| August .....   | 26,609         | 37,518       | 127,370        | 118,538      | 153,979        | 156,056      | 31,565       | 30,608       |
| September ..   | 27,559         | 37,333       | 127,683        | 144,463      | 155,242        | 181,796      | 31,203       | 33,861       |
| October .....  | 64,772         | 63,267       | 179,064        | 209,379      | 243,836        | 272,646      | 39,952       | 45,986       |
| November ...   | 82,443         | 99,385       | 196,460        | 226,603      | 278,903        | 325,988      | 43,110       | 56,505       |
| December ...   | 73,555         | 94,465       | 183,068        | 212,732      | 256,623        | 307,197      | 50,298       | 57,812       |

See end of table.

**Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1998 and 1999—Continued**

| Month          | Corn, cut           |                     | Corn, cob           |                     | Corn, total         |                     | Onion rings         |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 1998                | 1999                | 1998                | 1999                | 1998                | 1999                | 1998                | 1999                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 334,780             | 358,368             | 247,305             | 242,193             | 582,085             | 600,561             | 9,695               | 14,571              |
| February ..... | 278,790             | 309,034             | 214,298             | 214,925             | 493,088             | 523,959             | 10,463              | 16,309              |
| March .....    | 229,473             | 259,811             | 188,410             | 189,508             | 417,883             | 449,319             | 12,840              | 15,234              |
| April .....    | 193,786             | 210,709             | 165,354             | 157,387             | 359,140             | 368,096             | 11,816              | 14,528              |
| May .....      | 163,207             | 181,484             | 128,936             | 131,303             | 292,143             | 312,787             | 11,667              | 15,392              |
| June .....     | 130,729             | 147,339             | 98,036              | 108,050             | 228,765             | 255,389             | 11,419              | 13,397              |
| July .....     | 154,057             | 140,420             | 90,751              | 98,635              | 244,808             | 239,055             | 11,845              | 13,838              |
| August .....   | 306,205             | 239,631             | 167,416             | 154,364             | 473,621             | 393,995             | 13,182              | 14,003              |
| September ..   | 484,877             | 389,471             | 332,208             | 255,214             | 817,085             | 644,685             | 15,972              | 14,207              |
| October .....  | 502,563             | 424,832             | 326,682             | 294,642             | 829,245             | 719,474             | 17,477              | 18,482              |
| November ...   | 452,746             | 370,531             | 296,191             | 286,753             | 748,937             | 657,284             | 17,544              | 18,619              |
| December ...   | 403,737             | 330,204             | 269,578             | 255,662             | 673,315             | 585,866             | 15,752              | 17,026              |

  

| Month          | Onions, other       |                     | Blackeye peas       |                     | Green peas          |                     | Peas & carrots mixed |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|
|                | 1998                | 1999                | 1998                | 1999                | 1998                | 1999                | 1998                 | 1999                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>  | <i>1,000 pounds</i> |
| January .....  | 28,724              | 24,665              | 9,054               | 6,840               | 190,227             | 247,113             | 5,859                | 8,286               |
| February ..... | 27,710              | 27,280              | 9,281               | 6,693               | 163,000             | 219,477             | 7,087                | 8,961               |
| March .....    | 24,428              | 27,972              | 7,963               | 5,934               | 132,726             | 180,980             | 6,003                | 9,554               |
| April .....    | 23,443              | 33,113              | 7,840               | 5,996               | 109,885             | 151,264             | 6,514                | 10,084              |
| May .....      | 22,787              | 35,809              | 7,175               | 5,562               | 96,482              | 130,427             | 7,102                | 10,602              |
| June .....     | 22,179              | 35,605              | 6,654               | 5,598               | 230,233             | 226,888             | 7,154                | 10,062              |
| July .....     | 21,468              | 33,171              | 6,069               | 4,297               | 379,957             | 350,191             | 7,400                | 9,827               |
| August .....   | 18,755              | 31,675              | 8,786               | 6,527               | 406,024             | 394,806             | 7,456                | 9,702               |
| September ..   | 24,553              | 31,338              | 9,629               | 7,479               | 387,101             | 376,230             | 7,775                | 9,620               |
| October .....  | 27,070              | 35,573              | 9,511               | 6,769               | 341,715             | 344,805             | 9,001                | 10,024              |
| November ...   | 25,965              | 41,677              | 9,106               | 6,851               | 309,940             | 304,127             | 8,340                | 9,401               |
| December ...   | 24,596              | 41,236              | 8,039               | 6,517               | 277,858             | 276,154             | 10,285               | 11,314              |

  

| Month          | Spinach             |                     | Squash              |                     | Southern greens     |                     | Other vegetables    |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                | 1998                | 1999                | 1998                | 1999                | 1998                | 1999                | 1998                | 1999                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> |
| January .....  | 68,450              | 77,258              | 70,645              | 63,781              | 26,547              | 31,578              | 242,399             | 289,252             |
| February ..... | 64,007              | 81,505              | 65,599              | 58,718              | 27,659              | 37,242              | 241,211             | 256,068             |
| March .....    | 69,470              | 105,346             | 61,541              | 53,341              | 29,322              | 39,661              | 249,623             | 238,942             |
| April .....    | 91,197              | 154,049             | 60,918              | 52,283              | 28,392              | 38,377              | 245,221             | 231,394             |
| May .....      | 100,620             | 161,468             | 58,688              | 48,898              | 28,878              | 42,229              | 233,657             | 225,604             |
| June .....     | 98,813              | 142,617             | 64,966              | 49,942              | 30,184              | 39,455              | 251,391             | 243,759             |
| July .....     | 90,864              | 131,132             | 68,411              | 56,249              | 27,975              | 25,962              | 267,904             | 257,931             |
| August .....   | 74,491              | 113,007             | 78,207              | 63,528              | 22,745              | 19,936              | 293,211             | 304,189             |
| September ..   | 63,463              | 99,790              | 72,794              | 63,957              | 17,932              | 16,888              | 297,576             | 309,624             |
| October .....  | 69,712              | 84,424              | 80,634              | 63,861              | 19,606              | 21,967              | 297,805             | 325,418             |
| November ...   | 68,013              | 85,493              | 75,914              | 60,301              | 28,255              | 30,401              | 304,447             | 298,300             |
| December ...   | 69,232              | 73,349              | 70,272              | 58,254              | 32,765              | 26,944              | 301,595             | 272,866             |

  

| Month          | Total vegetables    |                     | French fries        |                     | Other frozen potatoes |                     | Total frozen potatoes |                     |
|----------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|
|                | 1998                | 1999                | 1998                | 1999                | 1998                  | 1999                | 1998                  | 1999                |
|                | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i> | <i>1,000 pounds</i>   | <i>1,000 pounds</i> | <i>1,000 pounds</i>   | <i>1,000 pounds</i> |
| January .....  | 2,078,801           | 2,137,081           | 948,225             | 959,167             | 198,990               | 260,483             | 1,147,215             | 1,219,650           |
| February ..... | 1,875,489           | 2,001,852           | 1,018,665           | 1,005,100           | 217,058               | 267,800             | 1,235,723             | 1,272,900           |
| March .....    | 1,701,860           | 1,856,006           | 1,039,292           | 1,014,544           | 238,992               | 264,233             | 1,278,284             | 1,278,777           |
| April .....    | 1,568,516           | 1,751,985           | 970,306             | 976,576             | 254,786               | 259,636             | 1,225,092             | 1,236,212           |
| May .....      | 1,455,642           | 1,646,587           | 1,012,022           | 980,718             | 270,801               | 274,803             | 1,282,823             | 1,255,521           |
| June .....     | 1,513,864           | 1,657,757           | 1,036,189           | 965,960             | 280,261               | 268,166             | 1,316,450             | 1,234,126           |
| July .....     | 1,759,010           | 1,824,624           | 967,452             | 900,347             | 267,268               | 241,931             | 1,234,720             | 1,142,278           |
| August .....   | 2,119,344           | 2,132,778           | 938,463             | 928,193             | 265,998               | 241,619             | 1,204,461             | 1,169,812           |
| September ..   | 2,493,967           | 2,440,833           | 1,010,381           | 1,002,245           | 256,463               | 233,301             | 1,266,844             | 1,235,546           |
| October .....  | 2,587,460           | 2,577,852           | 1,076,256           | 1,073,381           | 264,713               | 234,450             | 1,340,969             | 1,307,831           |
| November ...   | 2,487,151           | 2,483,790           | 1,030,985           | 1,019,535           | 259,495               | 234,996             | 1,290,480             | 1,254,531           |
| December ...   | 2,317,745           | 2,279,392           | 897,256             | 945,637             | 254,038               | 219,752             | 1,151,294             | 1,165,389           |

NASS, Livestock Branch, (202) 720-8784.

**Table 4-72.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 1997–99**

| State       | Area harvested |              |                   | Production        |                   |                   | Value per unit          |                         |                         |
|-------------|----------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------------|-------------------------|-------------------------|
|             | 1997           | 1998         | 1999 <sup>1</sup> | 1997              | 1998              | 1999 <sup>1</sup> | 1997                    | 1998                    | 1999 <sup>1</sup>       |
|             | <i>Acres</i>   | <i>Acres</i> | <i>Acres</i>      | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>1,000 cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> | <i>Dollars per cwt.</i> |
| AL .....    | 5,000          | 3,700        | 5,200             | 425               | 370               | 343               | 6.10                    | 7.20                    | 6.60                    |
| AZ .....    | 7,200          | 7,600        | 7,500             | 2,232             | 2,280             | 3,188             | 7.80                    | 8.00                    | 5.60                    |
| AR .....    | 2,700          | 2,200        | 2,400             | 405               | 319               | 276               | 5.00                    | 6.50                    | 7.50                    |
| CA .....    | 17,000         | 15,000       | 14,700            | 7,820             | 6,750             | 6,321             | 10.90                   | 12.30                   | 9.90                    |
| DE .....    | 2,300          | 2,100        | 2,500             | 874               | 840               | 1,075             | 5.20                    | 8.50                    | 9.00                    |
| FL .....    | 30,000         | 32,000       | 35,000            | 7,500             | 7,200             | 10,500            | 7.30                    | 8.35                    | 6.90                    |
| GA .....    | 25,000         | 23,000       | 25,000            | 5,250             | 5,060             | 4,875             | 5.50                    | 5.00                    | 5.00                    |
| IN .....    | 6,600          | 6,200        | 6,500             | 1,914             | 1,829             | 1,690             | 5.90                    | 7.10                    | 6.60                    |
| LA .....    | 2,100          | 2,000        | 2,300             | 294               | 220               | 230               | 7.00                    | 6.20                    | 6.70                    |
| MD .....    | 2,800          | 2,800        | 2,700             | 840               | 596               | 594               | 8.00                    | 8.00                    | 11.00                   |
| MS .....    | 4,000          | 3,400        | 3,200             | 240               | 207               | 208               | 6.10                    | 6.26                    | 5.80                    |
| MO .....    | 4,700          | 4,900        | 5,300             | 1,128             | 1,152             | 1,272             | 4.90                    | 5.30                    | 3.50                    |
| NC .....    | 8,500          | 9,000        | 8,900             | 1,275             | 1,440             | 1,291             | 5.50                    | 5.70                    | 5.20                    |
| OK .....    | 8,000          | 7,500        | 7,500             | 800               | 705               | 675               | 6.50                    | 7.20                    | 7.30                    |
| SC .....    | 9,200          | 8,800        | 9,500             | 1,380             | 1,320             | 1,235             | 6.50                    | 6.00                    | 6.70                    |
| TX .....    | 43,400         | 38,400       | 37,200            | 7,378             | 6,528             | 7,440             | 7.92                    | 5.46                    | 3.98                    |
| Total ..... | 178,500        | 168,600      | 175,400           | 39,755            | 36,816            | 41,213            | 7.60                    | 7.66                    | 6.45                    |
| HI .....    | 800            | 790          | 560               | 168               | 158               | 112               | 18.00                   | 21.00                   | 21.00                   |
| US .....    | 179,300        | 169,390      | 175,960           | 39,923            | 36,974            | 41,325            | 7.64                    | 7.71                    | 6.49                    |

<sup>1</sup> Preliminary.

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