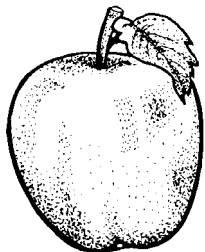


## APPLES

New England utilized apple production in 2004 totaled 4.3 million bushels (42-pound units), 12 percent above the 2003 utilized output. A cool, wet spring increased the incidence of apple scab and slowed bee activity in some areas. Poor pollination and winter kill from the lack of snow cover resulted in a poor start for the 2004 crop. In northern regions, a mix of sun and rain throughout the summer promoted a high yielding crop, whereas in southern regions, wet conditions limited full crop potential.



Prolonged rains through mid-August delayed the start of early apple harvest. By mid-September, harvest had reached the halfway mark and conditions were rated as good to excellent in most areas. A preliminary estimate of utilized production placed 2004 New England crop value at \$59.3 million, 19 percent above the previous year. A revised estimate of value will be available July 6, 2005, after the majority of the 2004 crop has been marketed.

[Apple chart appears on page 55.]

APPLES: <sup>1/</sup> Production and Value, 1995 - 2004

| State and Year       | Bearing Acreage | Yield <sup>2/</sup> | Production          |                        | Utilized Price per Pound | Value of Utilized Production | 42-Pound Bushel Equivalents |                     |                        |                           |
|----------------------|-----------------|---------------------|---------------------|------------------------|--------------------------|------------------------------|-----------------------------|---------------------|------------------------|---------------------------|
|                      |                 |                     | Total <sup>3/</sup> | Utilized <sup>4/</sup> |                          |                              | Yield <sup>2/</sup>         | Production          |                        | Utilized Price per Bushel |
|                      |                 |                     |                     |                        |                          |                              |                             | Total <sup>3/</sup> | Utilized <sup>4/</sup> |                           |
|                      | Acres           | Lbs/Acre            | Million Pounds      |                        | Dollars                  | 1,000 Dollars                | Bu/Acre                     | 1,000 Bushels       |                        | Dollars                   |
| <b>Connecticut</b>   |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 2,400           | 8,540               | 20.5                | 20.0                   | 0.276                    | 5,520                        | 203.3                       | 488                 | 476                    | 11.60                     |
| 1996                 | 2,400           | 8,330               | 20.0                | 20.0                   | 0.324                    | 6,480                        | 198.3                       | 476                 | 476                    | 13.61                     |
| 1997                 | 2,400           | 10,000              | 24.0                | 23.0                   | 0.312                    | 7,170                        | 237.9                       | 571                 | 548                    | 13.08                     |
| 1998                 | 2,400           | 7,290               | 17.5                | 17.0                   | 0.335                    | 5,701                        | 173.8                       | 417                 | 405                    | 14.08                     |
| 1999                 | 2,400           | 9,580               | 23.0                | 22.0                   | 0.276                    | 6,078                        | 228.3                       | 548                 | 524                    | 11.60                     |
| 2000                 | 2,300           | 8,910               | 20.5                | 20.0                   | 0.302                    | 6,040                        | 212.2                       | 488                 | 476                    | 12.69                     |
| 2001                 | 2,200           | 9,320               | 20.5                | 20.0                   | 0.322                    | 6,445                        | 221.8                       | 488                 | 476                    | 13.54                     |
| 2002                 | 2,200           | 5,450               | 12.0                | 11.5                   | 0.412                    | 4,740                        | 130.0                       | 286                 | 274                    | 17.30                     |
| 2003                 | 2,200           | 9,770               | 21.5                | 20.0                   | 0.371                    | 7,420                        | 232.7                       | 512                 | 476                    | 15.59                     |
| 2004                 | 2,200           | 9,320               | 20.5                | 20.0                   | 0.411                    | 8,220                        | 221.8                       | 488                 | 476                    | 17.27                     |
| <b>Maine</b>         |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 4,700           | 13,400              | 63.0                | 60.0                   | 0.180                    | 10,780                       | 319.1                       | 1,500               | 1,429                  | 7.54                      |
| 1996                 | 4,700           | 13,800              | 65.0                | 63.0                   | 0.202                    | 12,746                       | 329.4                       | 1,548               | 1,500                  | 8.50                      |
| 1997                 | 4,700           | 13,600              | 64.0                | 62.0                   | 0.193                    | 11,992                       | 324.3                       | 1,524               | 1,476                  | 8.12                      |
| 1998                 | 4,700           | 9,470               | 44.5                | 43.0                   | 0.218                    | 9,390                        | 225.5                       | 1,060               | 1,024                  | 9.17                      |
| 1999                 | 4,700           | 15,300              | 72.0                | 61.0                   | 0.202                    | 12,335                       | 364.7                       | 1,714               | 1,452                  | 8.50                      |
| 2000                 | 4,000           | 9,750               | 39.0                | 35.0                   | 0.218                    | 7,622                        | 232.3                       | 929                 | 833                    | 9.15                      |
| 2001                 | 3,500           | 13,400              | 47.0                | 40.0                   | 0.290                    | 11,605                       | 319.7                       | 1,119               | 952                    | 12.19                     |
| 2002                 | 3,500           | 13,900              | 48.5                | 44.0                   | 0.361                    | 15,900                       | 330.0                       | 1,155               | 1,048                  | 15.17                     |
| 2003                 | 3,500           | 12,600              | 44.0                | 40.0                   | 0.298                    | 11,935                       | 299.4                       | 1,048               | 952                    | 12.54                     |
| 2004                 | 3,500           | 14,400              | 50.5                | 48.0                   | 0.343                    | 16,440                       | 343.4                       | 1,202               | 1,143                  | 14.38                     |
| <b>Massachusetts</b> |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 5,250           | 11,900              | 62.5                | 57.5                   | 0.251                    | 14,455                       | 283.4                       | 1,488               | 1,369                  | 10.56                     |
| 1996                 | 5,250           | 10,400              | 54.5                | 53.0                   | 0.262                    | 13,910                       | 247.2                       | 1,298               | 1,262                  | 11.02                     |
| 1997                 | 5,250           | 11,400              | 60.0                | 58.5                   | 0.258                    | 15,120                       | 272.2                       | 1,429               | 1,393                  | 10.85                     |
| 1998                 | 4,900           | 6,530               | 32.0                | 29.5                   | 0.307                    | 9,050                        | 155.5                       | 762                 | 702                    | 12.89                     |
| 1999                 | 4,900           | 13,300              | 65.0                | 57.0                   | 0.268                    | 15,300                       | 315.9                       | 1,548               | 1,357                  | 11.27                     |
| 2000                 | 4,400           | 11,400              | 50.0                | 43.0                   | 0.320                    | 13,755                       | 270.5                       | 1,190               | 1,024                  | 13.43                     |
| 2001                 | 4,100           | 9,510               | 39.0                | 34.0                   | 0.324                    | 11,013                       | 226.6                       | 929                 | 810                    | 13.60                     |
| 2002                 | 4,100           | 8,050               | 33.0                | 28.0                   | 0.386                    | 10,821                       | 191.7                       | 786                 | 667                    | 16.22                     |
| 2003                 | 4,100           | 10,400              | 42.5                | 37.0                   | 0.346                    | 12,803                       | 246.8                       | 1,012               | 881                    | 14.53                     |
| 2004                 | 4,100           | 9,880               | 40.5                | 38.0                   | 0.383                    | 14,540                       | 235.1                       | 964                 | 905                    | 16.07                     |

See footnotes after the New England table.

APPLES: <sup>1/</sup> Production and Value, 1995 - 2004

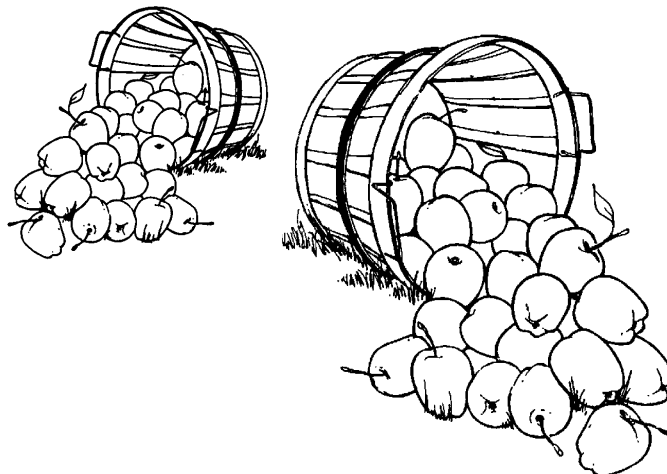
| State and Year       | Bearing Acreage | Yield <sup>2/</sup> | Production          |                        | Utilized Price per Pound | Value of Utilized Production | 42-Pound Bushel Equivalents |                     |                        |                           |
|----------------------|-----------------|---------------------|---------------------|------------------------|--------------------------|------------------------------|-----------------------------|---------------------|------------------------|---------------------------|
|                      |                 |                     | Total <sup>3/</sup> | Utilized <sup>4/</sup> |                          |                              | Yield <sup>2/</sup>         | Production          |                        | Utilized Price per Bushel |
|                      |                 |                     |                     |                        |                          |                              |                             | Total <sup>3/</sup> | Utilized <sup>4/</sup> |                           |
|                      | Acres           | Lbs/Acre            | Million Pounds      |                        | Dollars                  | 1,000 Dollars                | Bu/Acre                     | 1,000 Bushels       |                        | Dollars                   |
| <b>New Hampshire</b> |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 3,100           | 14,200              | 44.0                | 42.0                   | 0.203                    | 8,530                        | 338.1                       | 1,048               | 1,000                  | 8.53                      |
| 1996                 | 3,000           | 13,000              | 39.0                | 38.0                   | 0.224                    | 8,500                        | 309.7                       | 929                 | 905                    | 9.39                      |
| 1997                 | 2,950           | 13,700              | 40.5                | 40.0                   | 0.210                    | 8,400                        | 326.8                       | 964                 | 952                    | 8.82                      |
| 1998                 | 2,800           | 6,790               | 19.0                | 19.0                   | 0.279                    | 5,296                        | 161.4                       | 452                 | 452                    | 11.72                     |
| 1999                 | 2,600           | 16,700              | 43.5                | 42.0                   | 0.215                    | 9,023                        | 398.5                       | 1,036               | 1,000                  | 9.02                      |
| 2000                 | 2,300           | 14,800              | 34.0                | 32.5                   | 0.236                    | 7,655                        | 352.2                       | 810                 | 774                    | 9.89                      |
| 2001                 | 2,200           | 13,600              | 30.0                | 28.5                   | 0.250                    | 7,133                        | 324.5                       | 714                 | 679                    | 10.51                     |
| 2002                 | 2,100           | 12,600              | 26.5                | 24.5                   | 0.285                    | 6,993                        | 300.5                       | 631                 | 583                    | 11.99                     |
| 2003                 | 2,100           | 12,400              | 26.0                | 24.5                   | 0.279                    | 6,835                        | 294.8                       | 619                 | 583                    | 11.72                     |
| 2004                 | 2,100           | 14,800              | 31.0                | 29.5                   | 0.281                    | 8,300                        | 351.4                       | 738                 | 702                    | 11.82                     |
| <b>Rhode Island</b>  |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 300             | 9,670               | 2.9                 | 2.4                    | 0.272                    | 652                          | 230.0                       | 69                  | 57                     | 11.44                     |
| 1996                 | 300             | 11,300              | 3.4                 | 3.2                    | 0.251                    | 804                          | 270.0                       | 81                  | 76                     | 10.58                     |
| 1997                 | 300             | 12,000              | 3.6                 | 3.4                    | 0.267                    | 907                          | 286.7                       | 86                  | 81                     | 11.20                     |
| 1998                 | 300             | 8,670               | 2.6                 | 2.2                    | 0.304                    | 668                          | 206.7                       | 62                  | 52                     | 12.85                     |
| 1999                 | 300             | 12,000              | 3.6                 | 2.9                    | 0.372                    | 1,079                        | 286.7                       | 86                  | 69                     | 15.64                     |
| 2000                 | 300             | 7,670               | 2.3                 | 2.2                    | 0.359                    | 790                          | 183.3                       | 55                  | 52                     | 15.19                     |
| 2001                 | 300             | 6,000               | 1.8                 | 1.4                    | 0.383                    | 536                          | 143.3                       | 43                  | 33                     | 16.24                     |
| 2002                 | 300             | 8,670               | 2.6                 | 2.1                    | 0.404                    | 849                          | 206.7                       | 62                  | 50                     | 16.98                     |
| 2003                 | 300             | 7,670               | 2.3                 | 2.0                    | 0.393                    | 785                          | 183.3                       | 55                  | 48                     | 16.35                     |
| 2004                 | 300             | 7,670               | 2.3                 | 2.3                    | 0.444                    | 1,021                        | 183.3                       | 55                  | 55                     | 18.56                     |
| <b>Vermont</b>       |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 3,700           | 14,300              | 53.0                | 49.0                   | 0.184                    | 9,000                        | 341.1                       | 1,262               | 1,167                  | 7.71                      |
| 1996                 | 3,700           | 12,200              | 45.0                | 44.0                   | 0.186                    | 8,195                        | 289.5                       | 1,071               | 1,048                  | 7.82                      |
| 1997                 | 3,700           | 13,500              | 50.0                | 49.0                   | 0.187                    | 9,163                        | 321.6                       | 1,190               | 1,167                  | 7.85                      |
| 1998                 | 3,700           | 9,460               | 35.0                | 33.5                   | 0.217                    | 7,278                        | 225.1                       | 833                 | 798                    | 9.12                      |
| 1999                 | 3,600           | 15,800              | 57.0                | 52.0                   | 0.205                    | 10,640                       | 376.9                       | 1,357               | 1,238                  | 8.59                      |
| 2000                 | 3,400           | 12,200              | 41.5                | 38.5                   | 0.225                    | 8,665                        | 290.6                       | 988                 | 917                    | 9.45                      |
| 2001                 | 2,800           | 14,600              | 41.0                | 38.0                   | 0.241                    | 9,150                        | 348.6                       | 976                 | 905                    | 10.11                     |
| 2002                 | 2,700           | 11,500              | 31.0                | 28.0                   | 0.337                    | 9,435                        | 273.3                       | 738                 | 667                    | 14.15                     |
| 2003                 | 2,700           | 15,600              | 42.0                | 37.5                   | 0.266                    | 9,958                        | 370.4                       | 1,000               | 893                    | 11.15                     |
| 2004                 | 2,700           | 16,500              | 44.5                | 43.0                   | 0.274                    | 11,770                       | 392.6                       | 1,060               | 1,024                  | 11.49                     |
| <b>NEW ENGLAND</b>   |                 |                     |                     |                        |                          |                              |                             |                     |                        |                           |
| 1995                 | 19,450          | 12,600              | 245.9               | 230.9                  | 0.212                    | 48,937                       | 301.0                       | 5,855               | 5,498                  | 8.90                      |
| 1996                 | 19,350          | 11,700              | 226.9               | 221.2                  | 0.229                    | 50,635                       | 279.2                       | 5,402               | 5,267                  | 9.61                      |
| 1997                 | 19,300          | 12,500              | 242.1               | 235.9                  | 0.224                    | 52,752                       | 298.7                       | 5,764               | 5,617                  | 9.39                      |
| 1998                 | 18,800          | 8,010               | 150.6               | 144.2                  | 0.259                    | 37,383                       | 190.7                       | 3,586               | 3,433                  | 10.89                     |
| 1999                 | 18,500          | 14,300              | 264.1               | 236.9                  | 0.230                    | 54,455                       | 339.9                       | 6,288               | 5,640                  | 9.66                      |
| 2000                 | 16,700          | 11,200              | 187.3               | 171.2                  | 0.260                    | 44,527                       | 267.1                       | 4,460               | 4,076                  | 10.92                     |
| 2001                 | 15,100          | 11,900              | 179.3               | 161.9                  | 0.283                    | 45,882                       | 282.7                       | 4,269               | 3,855                  | 11.90                     |
| 2002                 | 14,900          | 10,300              | 153.6               | 138.1                  | 0.353                    | 48,738                       | 245.4                       | 3,657               | 3,288                  | 14.82                     |
| 2003                 | 14,900          | 12,000              | 178.3               | 161.0                  | 0.309                    | 49,736                       | 284.9                       | 4,245               | 3,833                  | 12.98                     |
| 2004                 | 14,900          | 12,700              | 189.3               | 180.8                  | 0.333                    | 60,291                       | 302.5                       | 4,507               | 4,305                  | 14.00                     |

<sup>1/</sup> Statistics are for commercial orchards with 100 or more trees.<sup>2/</sup> Yield is based on total production.<sup>3/</sup> Total production is quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested because of economic or natural reasons.<sup>4/</sup> Utilized production is the amount sold plus the quantities used at home or held in storage.

### APPLES: <sup>1/</sup> Fresh Market and Processing Utilization, Price and Value, 1994 - 2003

| State                | Fresh Market   |                 |                     | Processing     |               |                     |
|----------------------|----------------|-----------------|---------------------|----------------|---------------|---------------------|
|                      | Quantity       | Price per Pound | Value of Production | Quantity       | Price per Ton | Value of Production |
|                      | Million Pounds | Dollars         | 1,000 Dollars       | Million Pounds | Dollars       | 1,000 Dollars       |
| <b>Connecticut</b>   |                |                 |                     |                |               |                     |
| 1994                 | 20.5           | 0.300           | 6,150               | 3.5            | 360           | 630                 |
| 1995                 | 16.0           | 0.300           | 4,800               | 4.0            | 360           | 720                 |
| 1996                 | 16.0           | 0.350           | 5,600               | 4.0            | 440           | 880                 |
| 1997                 | 18.0           | 0.360           | 6,480               | 5.0            | 276           | 690                 |
| 1998                 | 14.0           | 0.395           | 5,530               | 3.0            | 114           | 171                 |
| 1999                 | 16.5           | 0.355           | 5,858               | 5.5            | 80            | 220                 |
| 2000                 | 16.0           | 0.365           | 5,840               | 4.0            | 100           | 200                 |
| 2001                 | 16.5           | 0.380           | 6,270               | 3.5            | 100           | 175                 |
| 2002                 | 10.0           | 0.465           | 4,650               | 1.5            | 120           | 90                  |
| 2003                 | 16.0           | 0.450           | 7,200               | 4.0            | 110           | 220                 |
| <b>Maine</b>         |                |                 |                     |                |               |                     |
| 1994                 | 43.5           | 0.190           | 8,265               | 8.5            | 180           | 765                 |
| 1995                 | 43.0           | 0.225           | 9,675               | 17.0           | 130           | 1,105               |
| 1996                 | 40.0           | 0.260           | 10,400              | 23.0           | 204           | 2,346               |
| 1997                 | 43.0           | 0.240           | 10,320              | 19.0           | 176           | 1,672               |
| 1998                 | 33.0           | 0.270           | 8,910               | 10.0           | 96            | 480                 |
| 1999                 | 40.0           | 0.290           | 11,600              | 21.0           | 70            | 735                 |
| 2000                 | 26.0           | 0.280           | 7,280               | 9.0            | 76            | 342                 |
| 2001                 | 33.0           | 0.340           | 11,220              | 7.0            | 110           | 385                 |
| 2002                 | 39.0           | 0.400           | 15,600              | 5.0            | 120           | 300                 |
| 2003                 | 33.0           | 0.350           | 11,550              | 7.0            | 110           | 385                 |
| <b>Massachusetts</b> |                |                 |                     |                |               |                     |
| 1994                 | 48.0           | 0.255           | 12,240              | 10.0           | 176           | 880                 |
| 1995                 | 44.5           | 0.300           | 13,350              | 13.0           | 170           | 1,105               |
| 1996                 | 41.0           | 0.310           | 12,710              | 12.0           | 200           | 1,200               |
| 1997                 | 43.5           | 0.320           | 13,920              | 15.0           | 160           | 1,200               |
| 1998                 | 22.0           | 0.395           | 8,690               | 7.5            | 96            | 360                 |
| 1999                 | 42.0           | 0.350           | 14,700              | 15.0           | 80            | 600                 |
| 2000                 | 34.0           | 0.390           | 13,260              | 9.0            | 110           | 495                 |
| 2001                 | 26.5           | 0.400           | 10,600              | 7.5            | 110           | 413                 |
| 2002                 | 22.5           | 0.465           | 10,463              | 5.5            | 130           | 358                 |
| 2003                 | 29.5           | 0.420           | 12,390              | 7.5            | 110           | 413                 |

See footnotes after the New England table.



**APPLES: <sup>1/</sup> Fresh Market and Processing Utilization, Price and Value, 1994 - 2003**

| State                            | Fresh Market   |                 |                     | Processing     |               |                     |
|----------------------------------|----------------|-----------------|---------------------|----------------|---------------|---------------------|
|                                  | Quantity       | Price per Pound | Value of Production | Quantity       | Price per Ton | Value of Production |
|                                  | Million Pounds | Dollars         | 1,000 Dollars       | Million Pounds | Dollars       | 1,000 Dollars       |
| <b>New Hampshire</b>             |                |                 |                     |                |               |                     |
| 1994                             | 27.0           | 0.290           | 7,830               | 13.0           | 130           | 845                 |
| 1995                             | 26.0           | 0.285           | 7,410               | 16.0           | 140           | 1,120               |
| 1996                             | 26.0           | 0.290           | 7,540               | 12.0           | 160           | 960                 |
| 1997                             | 28.0           | 0.270           | 7,560               | 12.0           | 140           | 840                 |
| 1998                             | 14.5           | 0.350           | 5,075               | 4.5            | 98            | 221                 |
| 1999                             | 26.5           | 0.320           | 8,480               | 15.5           | 70            | 543                 |
| 2000                             | 20.5           | 0.350           | 7,175               | 12.0           | 80            | 480                 |
| 2001                             | 18.0           | 0.370           | 6,660               | 10.5           | 90            | 473                 |
| 2002                             | 13.5           | 0.465           | 6,278               | 11.0           | 130           | 715                 |
| 2003                             | 14.5           | 0.430           | 6,235               | 10.0           | 120           | 600                 |
| <b>Vermont</b>                   |                |                 |                     |                |               |                     |
| 1994                             | 37.0           | 0.190           | 7,030               | 8.0            | 144           | 576                 |
| 1995                             | 39.0           | 0.210           | 8,190               | 10.0           | 161           | 810                 |
| 1996                             | 33.0           | 0.220           | 7,260               | 11.0           | 170           | 935                 |
| 1997                             | 38.0           | 0.220           | 8,360               | 11.0           | 146           | 803                 |
| 1998                             | 23.5           | 0.288           | 6,768               | 10.0           | 102           | 510                 |
| 1999                             | 36.0           | 0.280           | 10,080              | 16.0           | 70            | 560                 |
| 2000                             | 28.5           | 0.290           | 8,265               | 10.0           | 80            | 400                 |
| 2001                             | 29.0           | 0.300           | 8,700               | 9.0            | 100           | 450                 |
| 2002                             | 23.5           | 0.390           | 9,165               | 4.5            | 120           | 270                 |
| 2003                             | 32.0           | 0.300           | 9,600               | 5.5            | 130           | 358                 |
| <b>NEW ENGLAND <sup>2/</sup></b> |                |                 |                     |                |               |                     |
| 1994                             | 176.0          | 0.236           | 41,515              | 43.0           | 172           | 3,696               |
| 1995                             | 168.5          | 0.258           | 43,425              | 60.0           | 162           | 4,860               |
| 1996                             | 156.0          | 0.279           | 43,510              | 62.0           | 204           | 6,321               |
| 1997                             | 170.5          | 0.274           | 46,640              | 62.0           | 168           | 5,205               |
| 1998                             | 107.0          | 0.327           | 34,973              | 35.0           | 100           | 1,742               |
| 1999                             | 161.0          | 0.315           | 50,718              | 73.0           | 73            | 2,658               |
| 2000                             | 125.0          | 0.335           | 41,820              | 44.0           | 87            | 1,917               |
| 2001                             | 123.0          | 0.353           | 43,450              | 37.5           | 101           | 1,896               |
| 2002                             | 108.5          | 0.425           | 46,156              | 27.5           | 126           | 1,733               |
| 2003                             | 125.0          | 0.376           | 46,975              | 34.0           | 116           | 1,976               |

<sup>1/</sup> Apple production from commercial orchards of 100 or more trees.

<sup>2/</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, and Vermont; Rhode Island is not published to avoid disclosure of individual operations.

