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**Northeastern Forest  
Experiment Station**

General Technical  
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# **Bulletin of Hardwood Market Statistics: Winter 1989**

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**Abstract**

This publication provides current and historical information on primary and secondary hardwood product production, prices, international trade, and employment.

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### Introduction

This is the seventh in a series of statistical bulletins to be released by the USDA Forest Service, Northeastern Forest Experiment Station. These statistics are for use by hardwood related industries, forest managers, the academic community, and the general public. Current, as well as historical, data are presented for comparison.

Lumber export figures for the third and fourth quarters of 1989 are based on new procedures developed by the U.S. Bureau of the Census in cooperation with the USDA Forest Service, Princeton, WV, and reflect actual amounts exported. The remaining 1989 volume figures for exports continue to be suppressed due to errors in data. Export figures between 1980 and 1988 are unreliable due to errors during the development of these statistics. For further information contact: William G. Luppold at the address given below or call (304) 425-8107.

The statistics presented in this bulletin are not inclusive. Specific series were selected based on their completeness and representativeness. For instance, Ohio log and stumpage prices have been included because prices for all major species and log grades have been reported on a biannual basis for over two decades.

We need your opinion to make this series more useful. We need your input on additional data series we can publish and more useful breakdowns of the data that are currently published. Send your comments to Jean W. Nolley; Northeastern Forest Experiment Station; Forestry Sciences Laboratory; Route 2, Box 562-B; Princeton, WV 24740.

Tables Included in This Series of Reports and Frequency of Update

| <u>Table<br/>Number</u>                                    | <u>Table Title</u>                                                              | <u>Frequency<br/>of Update</u> |
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| <b>Hardwood Stumpage, Log, and Lumber Prices</b>           |                                                                                 |                                |
| 1                                                          | Average hardwood stumpage prices in Ohio, biannual, 1975-89                     | Biannual                       |
| 2                                                          | Prices of red oak logs in Ohio, biannual, 1975-89                               | Biannual                       |
| 3                                                          | Prices of grade 1 white oak, cherry, and poplar logs in Ohio, biannual, 1975-89 | Biannual                       |
| 4                                                          | Air-dried hardwood lumber prices, 1978-89                                       | Quarterly                      |
| 5                                                          | Kiln-dried hardwood lumber prices, 1987-90                                      | Monthly                        |
| <b>Hardwood Product Prices, Production, and Employment</b> |                                                                                 |                                |
| 6                                                          | Producer price indexes for selected wood industries, 1978-89                    | Quarterly                      |
| 7                                                          | Total wood household furniture and parts imports (c.i.f.), 1972-89              | Yearly                         |
| 8                                                          | Production indexes for selected major hardwood products, 1972-89                | Yearly                         |
| 9                                                          | Employment in selected hardwood using industries, 1978-89                       | As<br>available                |
| 10                                                         | Employment index for selected hardwood using industries, 1978-89                | As<br>available                |
| <b>International Hardwood Product Trade</b>                |                                                                                 |                                |
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|    |                                                                          |           |
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| 27 | Value of U.S. hardwood lumber imports, by region and species, 1978-89    | Quarterly |
| 28 | Value of U.S. hardwood veneer imports, by region and species, 1978-89    | Quarterly |
| 29 | Value of U.S. hardwood plywood imports, by region and species, 1978-89   | Quarterly |

# HARDWOOD STUMPAGE, LOG, AND LUMBER PRICES

Table 1.--Average hardwood stumpage prices in Ohio,  
biannual, 1975-89  
(Dollars per thousand board feet, Doyle Scale)

| Year/season | White<br>oak | Red<br>oak | Cherry | Yellow-<br>poplar |
|-------------|--------------|------------|--------|-------------------|
| 1975/spring | 71           | 64         | 77     | 58                |
| 1975/fall   | 72           | 63         | 77     | 58                |
| 1976/spring | 72           | 67         | 75     | 59                |
| 1976/fall   | 68           | 67         | 74     | 55                |
| 1977/spring | 89           | 85         | 95     | 65                |
| 1977/fall   | 93           | 88         | 93     | 70                |
| 1978/spring | 112          | 108        | 114    | 81                |
| 1978/fall   | 131          | 117        | 132    | 85                |
| 1979/spring | 151          | 125        | 166    | 87                |
| 1979/fall   | 160          | 142        | 177    | 95                |
| 1980/spring | 133          | 122        | 143    | 77                |
| 1980/fall   | 148          | 135        | 166    | 81                |
| 1981/spring | 149          | 142        | 161    | 93                |
| 1981/fall   | 130          | 134        | 148    | 84                |
| 1982/spring | 135          | 130        | 145    | 82                |
| 1982/fall   | 142          | 145        | 144    | 86                |
| 1983/spring | 147          | 145        | 162    | 89                |
| 1983/fall   | 174          | 172        | 185    | 99                |
| 1984/spring | 164          | 184        | 180    | 102               |
| 1984/fall   | 169          | 181        | 183    | 107               |
| 1985/spring | 163          | 168        | 180    | 94                |
| 1985/fall   | 168          | 180        | 176    | 101               |
| 1986/spring | NA           | NA         | NA     | NA                |
| 1986/fall   | 191          | 213        | 212    | 113               |
| 1987/spring | 188          | 221        | 205    | 111               |
| 1987/fall   | 211          | 252        | 234    | 118               |
| 1988/spring | 215          | 269        | 265    | 126               |
| 1988/fall   | 203          | 256        | 261    | 109               |
| 1989/spring | 263          | 291        | 249    | 116               |
| 1989/fall   | 243          | 282        | 257    | 133               |

NA - Not available.

Source: Ohio Agricultural Statistics Service, Columbus,  
Ohio.

Table 2.--Prices of red oak logs in Ohio, biannual, 1975-89  
(Dollars per thousand board feet, Doyle Scale)

| Year/season | Average<br>all grades | Grade 1<br>16 inches | Grade<br>1 | Grade<br>2 | Grade<br>3 |
|-------------|-----------------------|----------------------|------------|------------|------------|
| 1975/spring | 113                   | 161                  | 127        | 95         | 70         |
| 1975/fall   | 118                   | 183                  | 137        | 98         | 74         |
| 1976/spring | 130                   | 205                  | 146        | 110        | 84         |
| 1976/fall   | 142                   | 224                  | 158        | 119        | 90         |
| 1977/spring | 141                   | 258                  | 184        | 127        | 94         |
| 1977/fall   | 162                   | 268                  | 190        | 126        | 91         |
| 1978/spring | 181                   | 308                  | 217        | 151        | 103        |
| 1978/fall   | 197                   | 332                  | 247        | 168        | 117        |
| 1979/spring | 197                   | 371                  | 277        | 183        | 123        |
| 1979/fall   | 209                   | 363                  | 256        | 176        | 119        |
| 1980/spring | 193                   | 332                  | 252        | 170        | 113        |
| 1980/fall   | 203                   | 320                  | 241        | 165        | 111        |
| 1981/spring | 216                   | 324                  | 247        | 168        | 110        |
| 1981/fall   | 202                   | 339                  | 237        | 161        | 100        |
| 1982/spring | 203                   | 351                  | 250        | 170        | 110        |
| 1982/fall   | 277                   | 356                  | 257        | 173        | 112        |
| 1983/spring | 245                   | 385                  | 285        | 184        | 111        |
| 1983/fall   | 273                   | 441                  | 301        | 195        | 118        |
| 1984/spring | 322                   | 476                  | 348        | 193        | 133        |
| 1984/fall   | 293                   | 465                  | 327        | 194        | 124        |
| 1985/spring | 278                   | 447                  | 326        | 184        | 116        |
| 1985/fall   | 303                   | 479                  | 347        | 211        | 124        |
| 1986/spring | 284                   | 469                  | 324        | 196        | 119        |
| 1986/fall   | 310                   | 519                  | 370        | 230        | 121        |
| 1987/spring | 306                   | 550                  | 392        | 228        | 121        |
| 1987/fall   | 333                   | 608                  | 446        | 248        | 130        |
| 1988/spring | 317                   | 614                  | 437        | 280        | 121        |
| 1988/fall   | 339                   | 613                  | 449        | 266        | 125        |
| 1989/spring | 417                   | 630                  | 424        | 244        | 123        |
| 1989/fall   | 380                   | 634                  | 441        | 241        | 131        |

Source: Ohio Agricultural Statistics Service, Columbus, Ohio.

Table 3.--Prices of grade 1 white oak, cherry,  
and poplar logs in Ohio, biannual, 1975-89  
(Dollars per thousand board feet, Doyle Scale)

| Year/season | Grade 1      |        |        |
|-------------|--------------|--------|--------|
|             | White<br>oak | Cherry | Poplar |
| 1975/spring | 131          | 143    | 110    |
| 1975/fall   | 140          | 162    | 121    |
| 1976/spring | 153          | 169    | 130    |
| 1976/fall   | 165          | 187    | 132    |
| 1977/spring | 181          | 208    | 141    |
| 1977/fall   | 197          | 214    | 143    |
| 1978/spring | 217          | 256    | 159    |
| 1978/fall   | 250          | 290    | 175    |
| 1979/spring | 280          | 309    | 179    |
| 1979/fall   | 261          | 294    | 165    |
| 1980/spring | 258          | 270    | 160    |
| 1980/fall   | 270          | 283    | 161    |
| 1981/spring | 281          | 300    | 176    |
| 1981/fall   | 232          | 263    | 175    |
| 1982/spring | 240          | 272    | 162    |
| 1982/fall   | 242          | 283    | 166    |
| 1983/spring | 252          | 287    | 164    |
| 1983/fall   | 270          | 305    | 166    |
| 1984/spring | 288          | 373    | 166    |
| 1984/fall   | 301          | 328    | 177    |
| 1985/spring | 277          | 308    | 173    |
| 1985/fall   | 269          | 312    | 166    |
| 1986/spring | 256          | 308    | 175    |
| 1986/fall   | 294          | 335    | 172    |
| 1987/spring | 316          | 336    | 171    |
| 1987/fall   | 359          | 390    | 180    |
| 1988/spring | 364          | 406    | 169    |
| 1988/fall   | 381          | 402    | 176    |
| 1989/spring | 396          | 398    | 180    |
| 1989/fall   | 401          | 399    | 200    |

Source: Ohio Agricultural Statistics Service,  
Columbus, Ohio.

**Table 4.--Air-dried hardwood lumber prices, 1978-89**  
(Dollars per thousand board feet)

| Year        | 4/4 Appalachian<br>red oak<br>1C | 4/4<br>Poplar<br>1C | 4/4<br>Cherry<br>1C | 4/4 Northern<br>hard maple<br>1C | 4/4 Northern<br>soft maple<br>1C |
|-------------|----------------------------------|---------------------|---------------------|----------------------------------|----------------------------------|
| 1978        | 378                              | 251                 | 535                 | 290                              | 281                              |
| 1979        | 410                              | 272                 | 600                 | 328                              | 318                              |
| 1980        | 350                              | 257                 | 585                 | 336                              | 303                              |
| 1981        | 371                              | 278                 | 580                 | 335                              | 290                              |
| 1982        | 394                              | 273                 | 570                 | 330                              | 290                              |
| 1983        | 481                              | 260                 | 570                 | 320                              | 290                              |
| 1984        | 588                              | 260                 | 610                 | 323                              | 301                              |
| 1985        | 484                              | 267                 | 605                 | 300                              | 305                              |
| 1986        | 483                              | 301                 | 615                 | 284                              | 305                              |
| 1987        | 593                              | 312                 | 629                 | 300                              | 305                              |
| 1988:       |                                  |                     |                     |                                  |                                  |
| 1st quarter | 635                              | 300                 | 725                 | 325                              | 305                              |
| 2nd quarter | 635                              | 300                 | 780                 | 355                              | 315                              |
| 3rd quarter | 625                              | 295                 | 840                 | 375                              | 315                              |
| 4th quarter | 570                              | 290                 | 840                 | 395                              | 315                              |
| 1989:       |                                  |                     |                     |                                  |                                  |
| 1st quarter | 535                              | 290                 | 830                 | 395                              | 315                              |
| 2nd quarter | 535                              | 290                 | 810                 | 395                              | 315                              |
| 3rd quarter | 535                              | 285                 | 770                 | 395                              | 315                              |
| 4th quarter | 535                              | 290                 | 700                 | 395                              | 315                              |

Source: By permission from the Hardwood Market Report, Memphis, TN.

Table 5.--Kiln-dried hardwood lumber prices, 1987-90  
(Dollars per thousand board feet)

| Date  | 4/4 Appalachian<br>red oak<br>1C | 4/4<br>Poplar<br>1C | 4/4<br>Cherry<br>1C | 4/4 Northern<br>hard maple<br>1C | 4/4 Northern<br>soft maple<br>1C |
|-------|----------------------------------|---------------------|---------------------|----------------------------------|----------------------------------|
| 12/86 | 760-820                          | NA                  | NA                  | NA                               | NA                               |
| 1/87  | 740-850                          | NA                  | NA                  | NA                               | NA                               |
| 2/87  | 760-865                          | NA                  | 750-770             | NA                               | NA                               |
| 3/87  | 825-880                          | NA                  | NA                  | 560-600                          | NA                               |
| 4/87  | NA                               | NA                  | 690-725             | 340-390                          | NA                               |
| 5/87  | 875-950                          | 350-410             | NA                  | 370-400                          | NA                               |
| 6/87  | 850-940                          | 340-400             | 740-815             | 380-460                          | NA                               |
| 7/87  | 850-940                          | 340-400             | 740-815             | 380-460                          | 390-440                          |
| 8/87  | 850-940                          | 340-400             | 760-820             | 380-460                          | 390-440                          |
| 9/87  | 875-995                          | 340-400             | 775-835             | 380-460                          | 390-440                          |
| 10/87 | 875-995                          | 340-400             | 825-900             | 380-460                          | 390-440                          |
| 11/87 | 850-1010                         | 340-400             | 875-950             | 380-460                          | 390-440                          |
| 12/87 | 850-1010                         | 340-400             | 900-975             | 380-460                          | 390-440                          |
| 1/88  | 835-995                          | 340-400             | 920-1020            | 495-570                          | 410-485                          |
| 2/88  | 815-975                          | 340-400             | 920-1020            | 495-570                          | 410-485                          |
| 3/88  | 815-975                          | 340-400             | 960-1060            | 495-570                          | 410-485                          |
| 4/88  | 815-955                          | 340-400             | 970-1070            | 495-570                          | 410-485                          |
| 5/88  | 805-945                          | 340-400             | 1000-1010           | 450-540                          | 390-440                          |
| 6/88  | 800-935                          | 340-400             | 990-1090            | 450-540                          | 400-450                          |
| 7/88  | 765-900                          | 320-380             | 990-1090            | 460-550                          | 400-450                          |
| 8/88  | 765-900                          | 320-380             | 990-1090            | 460-550                          | 400-450                          |
| 9/88  | 730-865                          | 320-380             | 990-1090            | 465-555                          | 400-450                          |
| 10/88 | 695-820                          | 320-370             | 970-1070            | 465-555                          | 400-450                          |
| 11/88 | 675-800                          | 320-370             | 950-1050            | 465-555                          | 400-450                          |
| 12/88 | 665-790                          | 320-370             | 950-1050            | 465-555                          | 400-450                          |
| 1/89  | 665-790                          | 320-370             | 950-1050            | 465-555                          | 400-450                          |
| 2/89  | 665-790                          | 320-370             | 950-1050            | 465-555                          | 400-450                          |
| 3/89  | 665-795                          | 320-370             | 925-1025            | 465-555                          | 400-450                          |
| 4/89  | 685-815                          | 320-370             | 925-1000            | 465-555                          | 400-450                          |
| 5/89  | 695-825                          | 320-370             | 910-985             | 465-555                          | 400-450                          |
| 6/89  | 695-825                          | 330-380             | 890-965             | 465-555                          | 400-450                          |
| 7/89  | 695-825                          | 330-380             | 890-965             | 465-555                          | 400-450                          |
| 8/89  | 695-825                          | 335-385             | 870-945             | 475-565                          | 400-450                          |
| 9/89  | 705-835                          | 340-390             | 860-935             | 475-565                          | 400-450                          |
| 10/89 | 705-835                          | 340-390             | 850-925             | 475-565                          | 400-450                          |
| 11/89 | 705-835                          | 370-420             | 850-925             | 475-565                          | 415-465                          |
| 12/89 | 705-835                          | 380-430             | 825-900             | 475-565                          | 425-475                          |
| 1/90  | 705-835                          | 390-440             | 800-875             | 475-565                          | 435-485                          |
| 2/90  | 705-835                          | 395-445             | 800-875             | 475-565                          | 435-485                          |

NA - Not available.

# HARDWOOD PRODUCT PRICES, PRODUCTION, AND EMPLOYMENT

Table 6.--Producer price indexes for selected wood industries, 1978-89  
(1982=100)

| Year        | Hardwood<br>dimension | Wood<br>kitchen<br>cabinets | Wood<br>household<br>furniture | Upholstered<br>household<br>furniture | Wood<br>office<br>furniture |
|-------------|-----------------------|-----------------------------|--------------------------------|---------------------------------------|-----------------------------|
| 1978        | NA                    | 76.2                        | 71.9                           | 78.7                                  | 71.8                        |
| 1979        | NA                    | 83.1                        | 78.2                           | 82.6                                  | 79.6                        |
| 1980        | NA                    | 90.8                        | 88.3                           | 90.3                                  | 87.0                        |
| 1981        | 97.4                  | 96.1                        | 95.3                           | 95.8                                  | 94.0                        |
| 1982        | 100.0                 | 100.0                       | 100.0                          | 100.0                                 | 100.0                       |
| 1983        | 102.9                 | 100.6                       | 103.3                          | 102.1                                 | 104.1                       |
| 1984        | 114.4                 | 103.7                       | 107.9                          | 104.3                                 | 108.6                       |
| 1985        | 115.6                 | 105.1                       | 111.2                          | 108.1                                 | 113.4                       |
| 1986        | 115.8                 | 107.2                       | 113.6                          | 109.4                                 | 117.5                       |
| 1987        | 121.0                 | 109.7                       | 117.2                          | 111.9                                 | 121.4                       |
| 1988:       |                       |                             |                                |                                       |                             |
| 1st quarter | 124.5                 | 113.1                       | 121.3                          | 116.0                                 | 124.0                       |
| 2nd quarter | 125.7                 | 114.4                       | 122.1                          | 116.7                                 | 125.1                       |
| 3rd quarter | 128.1                 | 115.6                       | 123.1                          | 117.5                                 | 126.1                       |
| 4th quarter | 129.1                 | 115.6                       | 124.5                          | 118.2                                 | 127.0                       |
| 1989:       |                       |                             |                                |                                       |                             |
| 1st quarter | 129.1                 | 116.4                       | 125.3                          | 118.6                                 | 127.2                       |
| 2nd quarter | 129.3                 | 117.9                       | 127.0                          | 119.4                                 | 127.8                       |
| 3rd quarter | 129.6r                | 118.5r                      | 128.1                          | 120.2r                                | 130.0r                      |
| 4th quarter | 135.1                 | 119.0                       | 129.4                          | 120.9                                 | 130.3                       |

r - revised figure.

NA - Not available.

Source: Producer Price Indexes, U.S. Department of Labor, Bureau of Labor Statistics.

Table 7.--Total wood household furniture and parts imports (c.i.f.), 1972-89  
(In millions of dollars)

| Year | Value of <sup>a</sup><br>domestic wood<br>furniture<br>shipments<br>(actual \$) | Value of <sup>a</sup><br>domestic wood<br>furniture<br>shipments<br>(1982 \$) | Value of <sup>b</sup><br>wood furniture<br>imports<br>(actual \$) | Value of wood <sup>c</sup><br>furniture<br>imports<br>(1982 \$) | Ratio of <sup>d</sup><br>imports to<br>domestic<br>production |
|------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| 1972 | 2870                                                                            | 5657                                                                          | 137                                                               | 284                                                             | .05                                                           |
| 1973 | 3201                                                                            | 6011                                                                          | 184                                                               | 359                                                             | .06                                                           |
| 1974 | 3381                                                                            | 5382                                                                          | 220                                                               | 384                                                             | .07                                                           |
| 1975 | 3095                                                                            | 4539                                                                          | 182                                                               | 301                                                             | .06                                                           |
| 1976 | 3780                                                                            | 5106                                                                          | 258                                                               | 402                                                             | .07                                                           |
| 1977 | 4140                                                                            | 5781                                                                          | 322                                                               | 478                                                             | .08                                                           |
| 1978 | 4864                                                                            | 6400                                                                          | 463                                                               | 637                                                             | .10                                                           |
| 1979 | 4942                                                                            | 6000                                                                          | 560                                                               | 710                                                             | .11                                                           |
| 1980 | 5009                                                                            | 5529                                                                          | 581                                                               | 656                                                             | .12                                                           |
| 1981 | 5322                                                                            | 5472                                                                          | 663                                                               | 695                                                             | .12                                                           |
| 1982 | 5057                                                                            | 4846                                                                          | 727                                                               | 727                                                             | .14                                                           |
| 1983 | 5702                                                                            | 5228                                                                          | 953                                                               | 913                                                             | .17                                                           |
| 1984 | 6163                                                                            | 5633                                                                          | 1310                                                              | 1197                                                            | .21r                                                          |
| 1985 | 6728                                                                            | 5556                                                                          | 1739                                                              | 1541                                                            | .26r                                                          |
| 1986 | 7238                                                                            | 5823                                                                          | 1937                                                              | 1680                                                            | .27                                                           |
| 1987 | 7929r                                                                           | 6180r                                                                         | 2115                                                              | 1648r                                                           | .27r                                                          |
| 1988 | 8294r                                                                           | 6180r                                                                         | 2105                                                              | 1568r                                                           | .25                                                           |
| 1989 | 8521                                                                            | 6087                                                                          | 2565                                                              | 1832                                                            | .30                                                           |

r - revised figure.

<sup>a</sup> Source: U.S. Department of Commerce, International Trade Administration.

<sup>b</sup> Source: U.S. Department of Commerce, Bureau of the Census.

<sup>c</sup> Deflated by wood furniture price index reported in U.S. Industrial Outlook.

<sup>d</sup> Developed from columns 1 and 3.

Table 8.--Production indexes for selected major  
hardwood products, 1972-89  
(1972=100)

| Year | Wood <sup>a</sup><br>pallets | Oak strip <sup>b</sup><br>flooring | Wood <sup>c</sup><br>furniture |
|------|------------------------------|------------------------------------|--------------------------------|
| 1972 | 100.0                        | 100.0                              | 100.0                          |
| 1973 | 119.4                        | 70.7                               | 106.3                          |
| 1974 | 132.3                        | 41.5                               | 95.1                           |
| 1975 | 102.6                        | 37.4                               | 80.2                           |
| 1976 | 126.5                        | 41.7                               | 90.3                           |
| 1977 | 152.3                        | 42.1                               | 102.2                          |
| 1978 | 174.2                        | 40.7                               | 113.1                          |
| 1979 | 191.0                        | 37.0                               | 106.1                          |
| 1980 | 166.5                        | 29.9                               | 97.7                           |
| 1981 | 162.6                        | 31.8                               | 96.7                           |
| 1982 | 147.1                        | 28.7                               | 85.7                           |
| 1983 | 166.5                        | 37.6                               | 92.4                           |
| 1984 | 196.1                        | 42.0                               | 99.6                           |
| 1985 | 216.1                        | 46.6                               | 98.2                           |
| 1986 | 240.6                        | 55.6                               | 102.9                          |
| 1987 | 270.0                        | 66.6                               | 109.2 <sup>r</sup>             |
| 1988 | 301.1                        | 74.2                               | 109.2 <sup>r</sup>             |
| 1989 | 326.3                        | 79.0                               | 107.6                          |

r - revised figure.

<sup>a</sup> Derived from National Wooden Pallet and  
Container Association statistics.

<sup>b</sup> Derived from National Oak Flooring  
Manufacturers Association statistics.

<sup>c</sup> Derived from U.S. Industrial Outlook, 1988.

INTERNATIONAL HARDWOOD PRODUCT TRADE

Table 11.--International exchange rate, foreign currency per U.S. dollar, 1978-89

| Year        | Canada<br>(dollar) | Mexico<br>(peso) | U.K.<br>(pound) | Denmark<br>(krone) | Belgium<br>(franc) | France<br>(franc) | Germany<br>(mark) | Netherlands<br>(guilder) | Italy<br>(lira) | Japan<br>(yen) |
|-------------|--------------------|------------------|-----------------|--------------------|--------------------|-------------------|-------------------|--------------------------|-----------------|----------------|
| 1978        | 1.1407             | 22.8             | 0.521           | 5.515              | 31.492             | 4.5128            | 2.0086            | 2.1636                   | 848.7           | 210.44         |
| 1979        | 1.1714             | 22.8             | 0.471           | 5.261              | 29.319             | 4.2545            | 1.8329            | 2.0060                   | 830.9           | 219.14         |
| 1980        | 1.1692             | 23.0             | 0.430           | 5.636              | 29.242             | 4.2256            | 1.8177            | 1.9881                   | 856.4           | 226.74         |
| 1981        | 1.1989             | 24.5             | 0.493           | 7.123              | 37.129             | 5.4346            | 2.2600            | 2.4952                   | 1136.8          | 220.54         |
| 1982        | 1.2337             | 56.5             | 0.571           | 8.332              | 45.691             | 6.5721            | 2.4266            | 2.6702                   | 1352.5          | 249.08         |
| 1983        | 1.2324             | 120.1            | 0.659           | 9.145              | 51.132             | 7.6213            | 2.5533            | 2.8541                   | 1518.8          | 237.51         |
| 1984        | 1.2951             | 167.8            | 0.748           | 10.357             | 57.784             | 8.7391            | 2.8459            | 3.2087                   | 1757.0          | 237.52         |
| 1985        | 1.3655             | 256.9            | 0.771           | 10.596             | 59.378             | 8.9852            | 2.9440            | 3.3214                   | 1909.4          | 238.54         |
| 1986        | 1.3895             | 619.3            | 0.682           | 8.091              | 44.672             | 6.9261            | 2.1715            | 2.4500                   | 1490.8          | 168.52         |
| 1987        | 1.3260             | 1378.2           | 0.610           | 6.840              | 37.334             | 6.0107            | 1.7974            | 2.0257                   | 1296.1          | 144.64         |
| 1988:       |                    |                  |                 |                    |                    |                   |                   |                          |                 |                |
| 1st quarter | 1.2674             | 2249.4           | 0.557           | 6.419              | 35.057             | 5.6688            | 1.6758            | 1.8824                   | 1235.3          | 128.00         |
| 2nd quarter | 1.2298             | 2281.0           | 0.543           | 6.525              | 35.711             | 5.7787            | 1.7075            | 1.9161                   | 1268.1          | 125.61         |
| 3rd quarter | 1.2194             | 2281.0           | 0.590           | 7.132              | 39.111             | 6.3189            | 1.8661            | 2.1060                   | 1385.9          | 133.71         |
| 4th quarter | 1.2062             | 2281.0           | 0.559           | 6.849              | 37.194             | 6.0614            | 1.7756            | 2.0018                   | 1317.3          | 125.28         |
| 1989:       |                    |                  |                 |                    |                    |                   |                   |                          |                 |                |
| 1st quarter | 1.1919             | 2324.2           | 0.572           | 7.186              | 38.754             | 6.2941            | 1.8493            | 2.0875                   | 1357.3          | 128.45         |
| 2nd quarter | 1.1932             | 2415.5           | 0.614           | 7.527              | 40.528             | 6.5541            | 1.9339            | 2.1798                   | 1409.0          | 138.07         |
| 3rd quarter | 1.1823             | 2507.0           | 0.626           | 7.479              | 40.272             | 6.5062            | 1.9242r           | 2.1697                   | 1386.6          | 142.29         |
| 4th quarter | 1.1685             | 2598.5           | 0.631           | 7.049              | 38.062             | 6.1662            | 1.8128            | 2.0460                   | 1335.5          | 143.04         |

r - revised figure.

Source: International Monetary Fund.

Table 12.--U.S. hardwood log exports, by region and species, 1978-88  
(Thousand board feet)

| Year        | Central & South America<br>and Caribbean |        |       |        |       |       |                |        |        |
|-------------|------------------------------------------|--------|-------|--------|-------|-------|----------------|--------|--------|
|             | Canada                                   |        |       |        |       |       | Western Europe |        |        |
|             | Total                                    | R.oak  | W.oak | Total  | R.oak | W.oak | Total          | R.oak  | W.oak  |
| 1978        | 43,235                                   | 10,842 | 3,464 | 3,659  | 512   | 2,023 | 55,300         | 4,239  | 22,204 |
| 1979        | 51,083                                   | 14,001 | 3,828 | 5,486  | 1,613 | 1,919 | 61,693         | 7,323  | 29,520 |
| 1980        | 44,090                                   | 10,093 | 4,669 | 6,244  | 1,645 | 1,324 | 85,715         | 8,864  | 54,158 |
| 1981        | 38,468                                   | 12,713 | 1,434 | 7,393  | 770   | 2,743 | 98,863         | 7,604  | 33,900 |
| 1982        | 29,661                                   | 12,603 | 1,493 | 4,737  | 2,203 | 1,147 | 44,438         | 7,021  | 25,373 |
| 1983        | 35,780                                   | 13,552 | 1,247 | 4,631  | 1,996 | 1,479 | 51,292         | 9,798  | 27,147 |
| 1984        | 49,882                                   | 14,591 | 946   | 7,405  | 4,149 | 2,507 | 44,861         | 12,296 | 21,246 |
| 1985        | 33,349                                   | 8,697  | 595   | 12,396 | 6,993 | 3,804 | 37,497         | 6,638  | 17,315 |
| 1986        | 21,673                                   | 9,612  | 410   | 7,362  | 4,502 | 1,930 | 73,742         | 2,505  | 58,346 |
| 1987        | 29,610                                   | 9,919  | 799   | 4,926  | 2,764 | 842   | 61,528         | 4,257  | 41,054 |
| 1988:       |                                          |        |       |        |       |       |                |        |        |
| 1st quarter | 10,349                                   | 1,870  | 354   | 760    | 460   | 129   | 21,785         | 5,545  | 9,024  |
| 2nd quarter | 3,447                                    | 1,845  | 178   | 2,394  | 825   | 489   | 18,665         | 2,665  | 7,129  |
| 3rd quarter | 7,419                                    | 1,181  | 150   | 2,699  | 1,222 | 851   | 9,118          | 2,602  | 2,677  |
| 4th quarter | 12,629                                   | 1,624  | 240   | 734    | 271   | 248   | 17,678         | 1,922  | 6,852  |
| Total 1988  | 33,844                                   | 6,520  | 922   | 6,587  | 2,778 | 1,717 | 67,246         | 12,734 | 25,682 |
| 1989:       |                                          |        |       |        |       |       |                |        |        |
| 1st quarter | NA                                       | NA     | NA    | NA     | NA    | NA    | NA             | NA     | NA     |
| 2nd quarter | NA                                       | NA     | NA    | NA     | NA    | NA    | NA             | NA     | NA     |
| 3rd quarter | NA                                       | NA     | NA    | NA     | NA    | NA    | NA             | NA     | NA     |
| 4th quarter | NA                                       | NA     | NA    | NA     | NA    | NA    | NA             | NA     | NA     |
| Total 1989  | NA                                       | NA     | NA    | NA     | NA    | NA    | NA             | NA     | NA     |

  

| Year        | Asia   |        |        | All other |       |       | Total   |        |        |
|-------------|--------|--------|--------|-----------|-------|-------|---------|--------|--------|
|             | Total  | R.oak  | W.oak  | Total     | R.oak | W.oak | Total   | R.oak  | W.oak  |
| 1978        | 8,325  | 906    | 611    | 268       | 50    | 119   | 110,787 | 16,549 | 28,421 |
| 1979        | 10,429 | 679    | 706    | 82        | 7     | 17    | 128,773 | 23,623 | 35,990 |
| 1980        | 15,452 | 1,302  | 518    | 304       | 49    | 61    | 151,805 | 21,953 | 60,730 |
| 1981        | 12,019 | 3,480  | 1,429  | 382       | 117   | 19    | 157,125 | 24,684 | 39,525 |
| 1982        | 14,103 | 4,932  | 823    | 222       | 0     | 13    | 93,161  | 26,759 | 28,849 |
| 1983        | 19,754 | 9,838  | 1,904  | 51        | 0     | 15    | 111,508 | 35,184 | 31,792 |
| 1984        | 23,383 | 10,162 | 2,793  | 23        | 4     | 5     | 125,554 | 41,202 | 27,497 |
| 1985        | 27,883 | 15,442 | 2,003  | 71        | 0     | 4     | 111,196 | 37,770 | 23,721 |
| 1986        | 35,988 | 15,995 | 4,845  | 118       | 0     | 50    | 138,883 | 32,614 | 65,581 |
| 1987        | 52,855 | 17,747 | 8,137  | 379       | 42    | 215   | 149,298 | 34,729 | 51,047 |
| 1988:       |        |        |        |           |       |       |         |        |        |
| 1st quarter | 24,958 | 8,523  | 3,527  | 55        | 0     | 27    | 57,907  | 16,398 | 13,061 |
| 2nd quarter | 30,223 | 11,906 | 4,860  | 41        | 0     | 26    | 54,770  | 17,241 | 12,682 |
| 3rd quarter | 17,023 | 5,784  | 1,779  | 108       | 0     | 73    | 36,367  | 10,789 | 5,530  |
| 4th quarter | 23,304 | 6,132  | 3,851  | 329       | 19    | 275   | 54,674  | 9,968  | 11,466 |
| Total 1988  | 95,508 | 32,345 | 14,017 | 533       | 19    | 401   | 203,718 | 54,396 | 42,739 |
| 1989:       |        |        |        |           |       |       |         |        |        |
| 1st quarter | NA     | NA     | NA     | NA        | NA    | NA    | NA      | NA     | NA     |
| 2nd quarter | NA     | NA     | NA     | NA        | NA    | NA    | NA      | NA     | NA     |
| 3rd quarter | NA     | NA     | NA     | NA        | NA    | NA    | NA      | NA     | NA     |
| 4th quarter | NA     | NA     | NA     | NA        | NA    | NA    | NA      | NA     | NA     |
| Total 1989  | NA     | NA     | NA     | NA        | NA    | NA    | NA      | NA     | NA     |

NA - Not available. See introduction, paragraph 2.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 13.--U.S. hardwood lumber exports by region and species, 1978-89  
(Thousand board feet)

| Year        | Central & South America<br>and Caribbean |         |        |        |        |       |                |         |         |
|-------------|------------------------------------------|---------|--------|--------|--------|-------|----------------|---------|---------|
|             | Canada                                   |         |        |        |        |       | Western Europe |         |         |
|             | Total                                    | R.oak   | W.oak  | Total  | R.oak  | W.oak | Total          | R.oak   | W.oak   |
| 1978        | 156,077                                  | 80,990  | 14,186 | 10,918 | 1,519  | 448   | 97,062         | 42,807  | 38,877  |
| 1979        | 163,396                                  | 81,888  | 8,918  | 11,423 | 2,330  | 96    | 109,159        | 53,992  | 34,311  |
| 1980        | 155,482                                  | 75,363  | 10,750 | 15,366 | 3,300  | 585   | 160,190        | 71,771  | 56,186  |
| 1981        | 163,373                                  | 87,807  | 7,560  | 14,964 | 4,259  | 502   | 159,024        | 81,347  | 47,389  |
| 1982        | 123,348                                  | 70,291  | 5,426  | 15,551 | 5,691  | 891   | 158,369        | 76,720  | 49,343  |
| 1983        | 187,885                                  | 101,882 | 8,084  | 15,286 | 7,537  | 377   | 165,082        | 71,700  | 60,146  |
| 1984        | 176,634                                  | 100,271 | 9,563  | 21,985 | 10,102 | 988   | 131,536        | 55,197  | 52,136  |
| 1985        | 130,558                                  | 76,341  | 6,077  | 21,918 | 9,899  | 2,086 | 110,498        | 46,638  | 41,707  |
| 1986        | 149,037                                  | 95,518  | 5,707  | 31,048 | 11,973 | 986   | 145,374        | 51,061  | 59,911  |
| 1987        | 202,159                                  | 124,131 | 9,074  | 44,827 | 22,915 | 1,786 | 222,649        | 77,885  | 81,517  |
| 1988:       |                                          |         |        |        |        |       |                |         |         |
| 1st quarter | 72,042                                   | 46,476  | 2,899  | 12,304 | 6,069  | 354   | 94,681         | 37,353  | 27,389  |
| 2nd quarter | 69,148                                   | 38,493  | 4,063  | 15,940 | 6,093  | 1,078 | 111,864        | 42,414  | 29,707  |
| 3rd quarter | 63,215                                   | 37,121  | 2,867  | 19,447 | 11,641 | 538   | 100,941        | 41,303  | 28,530  |
| 4th quarter | 55,358                                   | 31,010  | 2,809  | 16,574 | 8,628  | 1,144 | 101,828        | 37,562  | 28,437  |
| Total 1988  | 259,763                                  | 153,100 | 12,638 | 64,265 | 32,431 | 3,114 | 409,314        | 158,632 | 114,063 |
| 1989:       |                                          |         |        |        |        |       |                |         |         |
| 1st quarter | NA                                       | NA      | NA     | NA     | NA     | NA    | NA             | NA      | NA      |
| 2nd quarter | NA                                       | NA      | NA     | NA     | NA     | NA    | NA             | NA      | NA      |
| 3rd quarter | 41,244                                   | 20,619  | 3,958  | 9,412  | 3,533  | 930   | 53,784         | 10,902  | 26,279  |
| 4th quarter | 36,464                                   | 17,187  | 4,503  | 9,539  | 2,767  | 758   | 57,719         | 9,629   | 28,821  |
| Total 1989  | --                                       | --      | --     | --     | --     | --    | --             | --      | --      |

  

| Year        | Asia    |         |        | All other |       |       | Total     |         |         |
|-------------|---------|---------|--------|-----------|-------|-------|-----------|---------|---------|
|             | Total   | R.oak   | W.oak  | Total     | R.oak | W.oak | Total     | R.oak   | W.oak   |
|             | Total   | R.oak   | W.oak  | Total     | R.oak | W.oak | Total     | R.oak   | W.oak   |
| 1978        | 5,442   | 539     | 2,327  | 1,001     | 196   | 110   | 270,500   | 126,051 | 55,948  |
| 1979        | 8,800   | 3,211   | 1,570  | 1,467     | 745   | 87    | 294,245   | 142,166 | 44,982  |
| 1980        | 21,767  | 2,221   | 8,761  | 2,524     | 924   | 773   | 355,329   | 153,579 | 77,055  |
| 1981        | 36,765  | 10,165  | 10,278 | 4,495     | 1,547 | 1,576 | 378,621   | 185,125 | 67,305  |
| 1982        | 31,417  | 10,664  | 7,620  | 5,619     | 3,469 | 974   | 334,304   | 166,835 | 64,254  |
| 1983        | 69,025  | 23,926  | 13,716 | 10,711    | 5,674 | 2,840 | 447,989   | 210,719 | 85,163  |
| 1984        | 102,651 | 41,066  | 17,233 | 8,386     | 3,629 | 3,000 | 441,192   | 210,265 | 82,920  |
| 1985        | 102,032 | 46,282  | 11,977 | 7,597     | 2,841 | 3,470 | 372,603   | 182,001 | 65,317  |
| 1986        | 165,716 | 85,390  | 20,952 | 7,109     | 3,213 | 2,404 | 498,284   | 247,155 | 89,960  |
| 1987        | 242,653 | 101,766 | 28,173 | 13,645    | 6,271 | 5,092 | 725,933   | 332,968 | 125,642 |
| 1988:       |         |         |        |           |       |       |           |         |         |
| 1st quarter | 81,291  | 28,978  | 5,997  | 7,014     | 4,098 | 1,885 | 267,332   | 122,974 | 38,524  |
| 2nd quarter | 94,750  | 29,898  | 7,410  | 3,803     | 1,442 | 1,086 | 295,505   | 118,340 | 43,344  |
| 3rd quarter | 120,130 | 50,316  | 8,190  | 4,325     | 1,629 | 1,440 | 308,058   | 142,010 | 41,565  |
| 4th quarter | 114,243 | 49,992  | 8,594  | 4,913     | 1,758 | 2,071 | 292,916   | 128,950 | 43,055  |
| Total 1988  | 410,414 | 159,184 | 30,191 | 20,055    | 8,927 | 6,482 | 1,163,811 | 512,274 | 166,488 |
| 1989:       |         |         |        |           |       |       |           |         |         |
| 1st quarter | NA      | NA      | NA     | NA        | NA    | NA    | NA        | NA      | NA      |
| 2nd quarter | NA      | NA      | NA     | NA        | NA    | NA    | NA        | NA      | NA      |
| 3rd quarter | 64,942  | 22,150  | 9,115  | 4,620     | 1,798 | 2,284 | 174,003   | 59,003  | 42,565  |
| 4th quarter | 57,273  | 18,001  | 8,055  | 5,038     | 1,722 | 2,695 | 166,033   | 49,306  | 44,833  |
| Total 1989  | --      | --      | --     | --        | --    | --    | --        | --      | --      |

NA - Not available. See introduction, paragraph 2.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 14.--U.S. hardwood veneer exports, by region and species, 1978-88  
(Thousand square feet, 1/36" basis)

| Year        | Canada  |        |        | Central & South America<br>and Caribbean |       |       | Western Europe |         |         |
|-------------|---------|--------|--------|------------------------------------------|-------|-------|----------------|---------|---------|
|             | Total   | R.oak  | W.oak  | Total                                    | R.oak | W.oak | Total          | R.oak   | W.oak   |
| 1978        | 105,076 | 18,836 | 4,475  | 16,910                                   | 598   | 0     | 744,588        | 46,502  | 397,682 |
| 1979        | 76,931  | 21,489 | 2,106  | 2,884                                    | 453   | 53    | 749,105        | 45,101  | 446,306 |
| 1980        | 88,500  | 23,890 | 3,035  | 48,525                                   | 996   | 1,031 | 912,171        | 91,308  | 503,282 |
| 1981        | 126,350 | 25,265 | 5,788  | 55,750                                   | 675   | 2,970 | 667,693        | 69,110  | 383,889 |
| 1982        | 93,685  | 29,016 | 4,451  | 19,874                                   | 1,429 | 233   | 613,115        | 85,536  | 360,966 |
| 1983        | 171,859 | 53,663 | 5,854  | 13,454                                   | 1,239 | 1,187 | 738,783        | 140,018 | 371,557 |
| 1984        | 211,152 | 79,264 | 24,680 | 28,309                                   | 1,779 | 1,753 | 630,179        | 116,774 | 346,915 |
| 1985        | 145,476 | 33,752 | 15,293 | 19,234                                   | 2,415 | 553   | 484,032        | 102,893 | 241,419 |
| 1986        | 143,199 | 33,806 | 7,456  | 31,596                                   | 1,847 | 1,877 | 599,002        | 119,965 | 340,418 |
| 1987        | 311,316 | 68,770 | 12,551 | 19,177                                   | 416   | 3,857 | 835,372        | 167,377 | 482,582 |
| 1988:       |         |        |        |                                          |       |       |                |         |         |
| 1st quarter | 53,540  | 8,509  | 3,379  | 5,465                                    | 222   | 414   | 188,866        | 31,719  | 125,944 |
| 2nd quarter | 61,799  | 12,331 | 1,648  | 2,814                                    | 381   | 1,120 | 260,083        | 48,592  | 158,861 |
| 3rd quarter | 60,334  | 12,804 | 2,227  | 6,066                                    | 1,072 | 1,827 | 197,105        | 54,625  | 123,854 |
| 4th quarter | 51,891  | 22,189 | 2,593  | 3,726                                    | 568   | 1,214 | 263,452        | 69,191  | 162,625 |
| Total 1988  | 227,564 | 55,833 | 9,847  | 18,071                                   | 2,243 | 4,575 | 909,506        | 204,127 | 571,284 |
| 1989:       |         |        |        |                                          |       |       |                |         |         |
| 1st quarter | NA      | NA     | NA     | NA                                       | NA    | NA    | NA             | NA      | NA      |
| 2nd quarter | NA      | NA     | NA     | NA                                       | NA    | NA    | NA             | NA      | NA      |
| 3rd quarter | NA      | NA     | NA     | NA                                       | NA    | NA    | NA             | NA      | NA      |
| 4th quarter | NA      | NA     | NA     | NA                                       | NA    | NA    | NA             | NA      | NA      |
| Total 1989  | NA      | NA     | NA     | NA                                       | NA    | NA    | NA             | NA      | NA      |

  

| Year        | Asia    |        |        | All other |       |        | Total     |         |         |
|-------------|---------|--------|--------|-----------|-------|--------|-----------|---------|---------|
|             | Total   | R.oak  | W.oak  | Total     | R.oak | W.oak  | Total     | R.oak   | W.oak   |
| 1978        | 31,137  | 2,946  | 3,274  | 9,289     | 17    | 1,753  | 907,000   | 68,899  | 407,184 |
| 1979        | 29,111  | 3,074  | 2,462  | 7,050     | 106   | 854    | 865,081   | 70,223  | 451,781 |
| 1980        | 17,995  | 2,983  | 1,480  | 10,171    | 883   | 2,352  | 1,077,361 | 120,060 | 511,180 |
| 1981        | 50,327  | 11,934 | 5,611  | 19,493    | 419   | 3,553  | 919,613   | 107,403 | 401,811 |
| 1982        | 66,206  | 24,653 | 3,594  | 11,767    | 324   | 2,697  | 804,647   | 140,958 | 371,941 |
| 1983        | 88,254  | 40,504 | 4,630  | 11,419    | 1,457 | 4,256  | 1,023,769 | 236,881 | 387,484 |
| 1984        | 114,512 | 52,053 | 6,807  | 30,407    | 248   | 5,760  | 1,014,559 | 250,118 | 385,915 |
| 1985        | 124,669 | 66,419 | 7,591  | 19,303    | 3,688 | 7,521  | 792,714   | 209,167 | 272,377 |
| 1986        | 201,434 | 74,507 | 42,802 | 20,532    | 6,193 | 10,407 | 995,763   | 236,318 | 402,960 |
| 1987        | 196,544 | 57,189 | 47,978 | 22,249    | 2,754 | 13,881 | 1,384,658 | 296,506 | 560,849 |
| 1988:       |         |        |        |           |       |        |           |         |         |
| 1st quarter | 101,148 | 20,613 | 17,407 | 2,709     | 568   | 851    | 351,728   | 61,631  | 147,995 |
| 2nd quarter | 120,061 | 23,590 | 34,376 | 7,298     | 656   | 5,006  | 452,055   | 85,550  | 201,011 |
| 3rd quarter | 97,184  | 22,653 | 23,517 | 1,875     | 497   | 1,161  | 362,564   | 91,651  | 152,586 |
| 4th quarter | 75,226  | 25,934 | 21,754 | 13,617    | 4,006 | 8,240  | 407,912   | 121,888 | 196,426 |
| Total 1988  | 393,619 | 92,790 | 97,054 | 25,499    | 5,727 | 15,258 | 1,574,259 | 360,720 | 698,018 |
| 1989:       |         |        |        |           |       |        |           |         |         |
| 1st quarter | NA      | NA     | NA     | NA        | NA    | NA     | NA        | NA      | NA      |
| 2nd quarter | NA      | NA     | NA     | NA        | NA    | NA     | NA        | NA      | NA      |
| 3rd quarter | NA      | NA     | NA     | NA        | NA    | NA     | NA        | NA      | NA      |
| 4th quarter | NA      | NA     | NA     | NA        | NA    | NA     | NA        | NA      | NA      |
| Total 1989  | NA      | NA     | NA     | NA        | NA    | NA     | NA        | NA      | NA      |

NA - Not available. See introduction, paragraph 2.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 15.--U.S. hardwood plywood exports, by region and species, 1978-88  
(Thousand square feet, 3/8" basis)

| Year        | Canada |       |        | Central & South America<br>and Caribbean |        |       | Western Europe |       |       |
|-------------|--------|-------|--------|------------------------------------------|--------|-------|----------------|-------|-------|
|             | Total  | Birch | Oak    | Total                                    | Birch  | Oak   | Total          | Birch | Oak   |
| 1978        | 22,399 | 1,117 | 487    | 5,375                                    | 1,414  | 122   | 3,535          | 53    | 350   |
| 1979        | 21,898 | 698   | 2,148  | 6,493                                    | 945    | 42    | 2,767          | 390   | 29    |
| 1980        | 18,017 | 2,113 | 3,462  | 15,474                                   | 2,943  | 527   | 7,663          | 74    | 1,093 |
| 1981        | 31,007 | 8,652 | 9,322  | 17,245                                   | 3,477  | 1,511 | 2,266          | 475   | 491   |
| 1982        | 18,833 | 5,231 | 8,327  | 16,192                                   | 2,463  | 443   | 2,977          | 141   | 2,053 |
| 1983        | 22,541 | 3,797 | 11,618 | 11,507                                   | 1,638  | 216   | 4,831          | 107   | 4,567 |
| 1984        | 15,308 | 3,087 | 6,029  | 13,853                                   | 1,997  | 777   | 4,676          | 155   | 3,941 |
| 1985        | 16,754 | 3,775 | 4,586  | 17,198                                   | 2,274  | 1,346 | 2,927          | 0     | 1,060 |
| 1986        | 25,370 | 3,163 | 7,002  | 16,711                                   | 1,731  | 1,352 | 11,249         | 1,896 | 218   |
| 1987        | 18,631 | 2,056 | 6,593  | 27,767                                   | 3,962  | 4,210 | 10,229         | 0     | 1,204 |
| 1988:       |        |       |        |                                          |        |       |                |       |       |
| 1st quarter | 7,158  | 600   | 3,960  | 14,303                                   | 4,172  | 713   | 2,792          | 385   | 572   |
| 2nd quarter | 7,754  | 514   | 5,441  | 12,999                                   | 3,286  | 1,036 | 7,611          | 376   | 402   |
| 3rd quarter | 8,384  | 430   | 4,531  | 12,919                                   | 3,574  | 455   | 4,670          | 34    | 1,196 |
| 4th quarter | 5,400  | 620   | 2,508  | 11,624                                   | 2,319  | 584   | 1,186          | 0     | 248   |
| Total 1988  | 28,696 | 2,164 | 16,440 | 51,845                                   | 13,351 | 2,788 | 16,259         | 795   | 2,418 |
| 1989:       |        |       |        |                                          |        |       |                |       |       |
| 1st quarter | NA     | NA    | NA     | NA                                       | NA     | NA    | NA             | NA    | NA    |
| 2nd quarter | NA     | NA    | NA     | NA                                       | NA     | NA    | NA             | NA    | NA    |
| 3rd quarter | NA     | NA    | NA     | NA                                       | NA     | NA    | NA             | NA    | NA    |
| 4th quarter | NA     | NA    | NA     | NA                                       | NA     | NA    | NA             | NA    | NA    |
| Total 1989  | NA     | NA    | NA     | NA                                       | NA     | NA    | NA             | NA    | NA    |

  

| Year        | Asia  |       |     | All other |       |     | Total   |        |        |
|-------------|-------|-------|-----|-----------|-------|-----|---------|--------|--------|
|             | Total | Birch | Oak | Total     | Birch | Oak | Total   | Birch  | Oak    |
| 1978        | 3,081 | 990   | 48  | 1,289     | 289   | 0   | 35,679  | 3,863  | 1,007  |
| 1979        | 1,366 | 199   | 396 | 941       | 709   | 0   | 33,465  | 2,941  | 2,615  |
| 1980        | 3,813 | 542   | 455 | 1,159     | 678   | 0   | 46,126  | 6,350  | 5,537  |
| 1981        | 2,304 | 197   | 670 | 2,183     | 1,085 | 152 | 55,005  | 13,886 | 12,146 |
| 1982        | 2,586 | 619   | 279 | 672       | 393   | 21  | 41,260  | 8,847  | 11,123 |
| 1983        | 1,269 | 190   | 314 | 987       | 598   | 338 | 41,135  | 6,330  | 17,053 |
| 1984        | 2,003 | 12    | 2   | 818       | 470   | 0   | 36,658  | 5,721  | 10,749 |
| 1985        | 6,515 | 979   | 562 | 629       | 212   | 0   | 44,023  | 7,240  | 7,554  |
| 1986        | 6,918 | 0     | 307 | 193       | 20    | 18  | 60,441  | 6,810  | 8,897  |
| 1987        | 2,678 | 452   | 204 | 255       | 46    | 0   | 59,560  | 6,516  | 12,211 |
| 1988:       |       |       |     |           |       |     |         |        |        |
| 1st quarter | 1,713 | 412   | 0   | 163       | 87    | 0   | 26,129  | 5,656  | 5,245  |
| 2nd quarter | 1,231 | 332   | 0   | 114       | 63    | 0   | 29,709  | 4,571  | 6,879  |
| 3rd quarter | 1,346 | 0     | 0   | 96        | 0     | 0   | 27,415  | 4,038  | 6,182  |
| 4th quarter | 1,979 | 621   | 181 | 358       | 161   | 0   | 20,547  | 3,721  | 3,521  |
| Total 1988  | 6,269 | 1,365 | 181 | 731       | 311   | 0   | 103,800 | 17,986 | 21,827 |
| 1989:       |       |       |     |           |       |     |         |        |        |
| 1st quarter | NA    | NA    | NA  | NA        | NA    | NA  | NA      | NA     | NA     |
| 2nd quarter | NA    | NA    | NA  | NA        | NA    | NA  | NA      | NA     | NA     |
| 3rd quarter | NA    | NA    | NA  | NA        | NA    | NA  | NA      | NA     | NA     |
| 4th quarter | NA    | NA    | NA  | NA        | NA    | NA  | NA      | NA     | NA     |
| Total 1989  | NA    | NA    | NA  | NA        | NA    | NA  | NA      | NA     | NA     |

NA - Not available. See introduction, paragraph 2.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 16.--U.S. hardwood log imports, by region and species, 1978-89  
(Thousand board feet)

| Year        | Africa |          | Asia   |                     | Canada |             | South America |          |
|-------------|--------|----------|--------|---------------------|--------|-------------|---------------|----------|
|             | Total  | Mahogany | Total  | Philippine Mahogany | Total  | Birch/maple | Total         | Mahogany |
| 1978        | 4,105  | 1,049    | 465    | 3                   | 11,899 | 9,088       | 1,063         | 0        |
| 1979        | 1,406  | 1,009    | 1,048  | 315                 | 10,198 | 8,416       | 265           | 44       |
| 1980        | 1,347  | 900      | 154    | 18                  | 10,225 | 7,403       | 188           | 0        |
| 1981        | 708    | 600      | 557    | 0                   | 11,821 | 8,665       | 370           | 2        |
| 1982        | 916    | 795      | 387    | 11                  | 16,807 | 10,172      | 126           | 8        |
| 1983        | 332    | 249      | 1,746  | 263                 | 19,277 | 5,061       | 904           | 35       |
| 1984        | 654    | 369      | 1,794  | 280                 | 26,727 | 4,395       | 316           | 96       |
| 1985        | 1,379  | 157      | 13,891 | 304                 | 10,353 | 2,905       | 578           | 118      |
| 1986        | 1,211  | 1,197    | 5,351  | 1,554               | 9,168  | 2,997       | 182           | 0        |
| 1987        | 318    | 220      | 1,931  | 252                 | 7,313  | 3,722       | 383           | 108      |
| 1988:       |        |          |        |                     |        |             |               |          |
| 1st quarter | 1,358  | 1,324    | 392    | 0                   | 2,262  | 1,370       | 125           | 35       |
| 2nd quarter | 53     | 0        | 262    | 0                   | 1,147  | 491         | 60            | 41       |
| 3rd quarter | 12     | 0        | 650    | 0                   | 1,735  | 1,078       | 293           | 254      |
| 4th quarter | 25     | 0        | 1,255  | 0                   | 1,735  | 819         | 145           | 0        |
| Total 1988  | 1,448  | 1,324    | 2,559  | 0                   | 6,879  | 3,758       | 623           | 330      |
| 1989:       |        |          |        |                     |        |             |               |          |
| 1st quarter | 1,190  | 350      | 2,879  | 2,225               | 5,061  | 3,101       | 520           | 0        |
| 2nd quarter | 839    | 648      | 2,984r | 2,048               | 3,240  | 1,928       | 1,651         | 0        |
| 3rd quarter | 538    | 462r     | 3,703r | 3,507               | 3,799  | 2,752       | 833           | 0        |
| 4th quarter | 570    | 0        | 2,434  | 2,255               | 3,281  | 2,036       | 662           | 0        |
| Total 1989  | 3,137  | 1,460    | 12,001 | 10,036              | 15,381 | 9,818       | 3,665         | 0        |

  

| Year        | All others |             |                     |          | Total* |             |          |                     |
|-------------|------------|-------------|---------------------|----------|--------|-------------|----------|---------------------|
|             | Total      | Birch/maple | Philippine mahogany | Mahogany | Total  | Birch/maple | Mahogany | Philippine mahogany |
| 1978        | 253        | 0           | 0                   | 11       | 17,785 | 9,088       | 1,060    | 3                   |
| 1979        | 1,651      | 4           | 0                   | 0        | 14,568 | 8,420       | 1,053    | 315                 |
| 1980        | 1,529      | 0           | 0                   | 110      | 13,443 | 7,403       | 1,013    | 18                  |
| 1981        | 88         | 5           | 0                   | 0        | 13,544 | 8,670       | 611      | 0                   |
| 1982        | 32         | 0           | 0                   | 0        | 18,268 | 10,172      | 803      | 11                  |
| 1983        | 279        | 0           | 0                   | 3        | 22,538 | 5,061       | 321      | 263                 |
| 1984        | 596        | 0           | 0                   | 55       | 30,087 | 4,400       | 520      | 280                 |
| 1985        | 391        | 1           | 0                   | 43       | 26,592 | 2,906       | 331      | 304                 |
| 1986        | 10,446     | 29          | 0                   | 63       | 26,358 | 3,026       | 1,260    | 1,554               |
| 1987        | 3,898      | 49          | 0                   | 0        | 13,843 | 3,775       | 328      | 252                 |
| 1988:       |            |             |                     |          |        |             |          |                     |
| 1st quarter | 129        | 0           | 0                   | 0        | 4,266  | 1,424       | 1,359    | 0                   |
| 2nd quarter | 151        | 0           | 0                   | 0        | 1,673  | 491         | 41       | 0                   |
| 3rd quarter | 183        | 0           | 0                   | 0        | 2,873  | 1,078       | 295      | 0                   |
| 4th quarter | 234        | 0           | 0                   | 0        | 3,394  | 819         | 0        | 0                   |
| Total 1988  | 697        | 0           | 0                   | 0        | 12,206 | 3,812       | 1,695    | 0                   |
| 1989:       |            |             |                     |          |        |             |          |                     |
| 1st quarter | 582        | 8           | 65                  | 0        | 10,232 | 3,110       | 350      | 2,299               |
| 2nd quarter | 93r        | 6           | 37                  | 5        | 8,808  | 1,934       | 684      | 2,125               |
| 3rd quarter | 275r       | 0           | 0                   | 0        | 9,148  | 2,752       | 517      | 3,568               |
| 4th quarter | 117        | 8           | 0                   | 0        | 7,064  | 2,045       | 0        | 2,255               |
| Total 1989  | 1,068      | 23          | 102                 | 5        | 35,252 | 9,841       | 1,552    | 10,247              |

r - revised figure.

\* Totals may not reflect sums of regions due to omission of small amounts of species not included in regional breakdowns.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 17.--U.S. hardwood lumber imports, by region and species, 1978-89  
(Thousand board feet)

| Year        | Africa   |       |                               |    | Asia     |       |                               |    | Canada   |     |                               |        |
|-------------|----------|-------|-------------------------------|----|----------|-------|-------------------------------|----|----------|-----|-------------------------------|--------|
|             | Mahogany |       | Philippine Birch/<br>mahogany |    | Mahogany |       | Philippine Birch/<br>mahogany |    | Mahogany |     | Philippine Birch/<br>mahogany |        |
|             | Total    |       | Total                         |    | Total    |       | Total                         |    | Total    |     | Total                         |        |
| 1978        | 18,671   | 2,700 | 0                             | 22 | 95,389   | 201   | 54,406                        | 9  | 95,423   | 253 | 0                             | 74,275 |
| 1979        | 10,898   | 2,169 | 0                             | 30 | 127,297  | 97    | 56,970                        | 46 | 81,103   | 240 | 0                             | 54,975 |
| 1980        | 3,590    | 754   | 0                             | 10 | 69,509   | 210   | 46,942                        | 21 | 67,486   | 318 | 2                             | 47,764 |
| 1981        | 5,500    | 549   | 0                             | 0  | 75,704   | 14    | 39,353                        | 9  | 71,241   | 205 | 0                             | 41,406 |
| 1982        | 2,976    | 503   | 0                             | 0  | 43,364   | 201   | 18,103                        | 4  | 72,308   | 170 | 0                             | 32,284 |
| 1983        | 2,351    | 214   | 0                             | 0  | 69,888   | 264   | 38,681                        | 1  | 70,436   | 220 | 0                             | 31,127 |
| 1984        | 2,671    | 625   | 0                             | 1  | 95,268   | 216   | 48,044                        | 0  | 82,848   | 154 | 0                             | 32,093 |
| 1985        | 3,637    | 664   | 0                             | 0  | 101,411  | 678   | 42,874                        | 0  | 96,036   | 239 | 0                             | 32,582 |
| 1986        | 4,524    | 1,971 | 52                            | 0  | 82,759   | 861   | 36,012                        | 0  | 99,725   | 359 | 0                             | 45,435 |
| 1987        | 6,992    | 4,776 | 0                             | 30 | 94,720   | 718   | 45,272                        | 86 | 154,383  | 398 | 0                             | 50,273 |
| 1988:       |          |       |                               |    |          |       |                               |    |          |     |                               |        |
| 1st quarter | 902      | 627   | 0                             | 12 | 19,632   | 424   | 8,274                         | 23 | 35,675   | 63  | 0                             | 15,159 |
| 2nd quarter | 597      | 402   | 0                             | 0  | 16,226   | 184   | 5,865                         | 0  | 38,963   | 51  | 0                             | 12,640 |
| 3rd quarter | 727      | 240   | 0                             | 0  | 23,805   | 291   | 9,561                         | 0  | 31,698   | 55  | 0                             | 11,511 |
| 4th quarter | 853      | 231   | 0                             | 0  | 20,212   | 500   | 7,918                         | 0  | 29,513   | 105 | 0                             | 9,696  |
| Total 1988  | 3,079    | 1,500 | 0                             | 12 | 79,875   | 1,399 | 31,618                        | 23 | 135,849  | 274 | 0                             | 49,006 |
| 1989:       |          |       |                               |    |          |       |                               |    |          |     |                               |        |
| 1st quarter | 478      | 250   | 0                             | 0  | 15,912   | 216   | 9,787                         | 0  | 38,463   | 42  | 0                             | 11,629 |
| 2nd quarter | 1,268    | 187   | 0                             | 0  | 11,655   | 378   | 7,922                         | 0  | 35,545   | 12  | 0                             | 10,517 |
| 3rd quarter | 700      | 326   | 0                             | 0  | 10,447   | 8     | 6,140                         | 0  | 22,507   | 16  | 0                             | 8,998  |
| 4th quarter | **       | 408   | 0                             | 0  | 8,767    | 42    | 5,953                         | 0  | 25,000   | 8   | 0                             | 9,466  |
| Total 1989  | **       | 1,171 | 0                             | 0  | 46,780   | 644   | 29,802                        | 0  | 121,515  | 78  | 0                             | 40,611 |

Table 17.--U.S. hardwood lumber imports, by region and species, 1978-89 (cont'd)  
(Thousand board feet)

| Year        | South America |          |          |       | All other  |          |          |       | Total*  |          |            |        |
|-------------|---------------|----------|----------|-------|------------|----------|----------|-------|---------|----------|------------|--------|
|             | Philippine    |          | Birch/   |       | Philippine |          | Birch/   |       | Total   | Mahogany | Philippine | Birch/ |
|             | Total         | Mahogany | mahogany | maple | Total      | Mahogany | mahogany | maple |         |          |            |        |
| 1978        | 110,690       | 24,782   | 0        | 16    | 1,875      | 0        | 0        | 40    | 322,048 | 27,936   | 54,406     | 74,362 |
| 1979        | 111,487       | 27,217   | 36       | 14    | 2,091      | 16       | 0        | 84    | 332,876 | 29,739   | 57,006     | 55,149 |
| 1980        | 120,415       | 40,518   | 23       | 0     | 4,090      | 199      | 19       | 15    | 265,090 | 41,999   | 46,986     | 47,810 |
| 1981        | 105,648       | 41,966   | 0        | 1     | 2,758      | 5        | 0        | 560   | 260,851 | 42,739   | 39,353     | 41,976 |
| 1982        | 66,060        | 25,962   | 384      | 0     | 2,191      | 12       | 21       | 175   | 186,899 | 26,848   | 18,508     | 32,463 |
| 1983        | 85,975        | 40,124   | 799      | 0     | 2,621      | 98       | 1        | 29    | 231,271 | 40,920   | 39,481     | 31,157 |
| 1984        | 94,775        | 46,301   | 9        | 19    | 6,324      | 630      | 169      | 42    | 281,886 | 47,926   | 48,222     | 32,155 |
| 1985        | 102,088       | 57,893   | 260      | 18    | 8,825      | 2,225    | 0        | 1,355 | 311,997 | 61,699   | 43,134     | 33,955 |
| 1986        | 96,656        | 51,584   | 0        | 48    | 6,737      | 435      | 0        | 1,914 | 290,401 | 55,210   | 36,064     | 47,397 |
| 1987        | 186,290       | 129,217  | 163      | 1     | 5,426      | 687      | 10       | 508   | 447,811 | 135,796  | 45,445     | 50,898 |
| 1988:       |               |          |          |       |            |          |          |       |         |          |            |        |
| 1st quarter | 56,474        | 21,964   | 58       | 0     | 1,290      | 101      | 0        | 21    | 93,973  | 23,179   | 8,332      | 15,215 |
| 2nd quarter | 20,760        | 8,878    | 0        | 85    | 1,264      | 48       | 0        | 10    | 77,810  | 9,563    | 5,865      | 12,735 |
| 3rd quarter | 27,439        | 15,015   | 0        | 0     | 1,036      | 8        | 0        | 90    | 84,705  | 15,609   | 9,561      | 11,601 |
| 4th quarter | 24,642        | 10,122   | 0        | 0     | 1,974      | 83       | 0        | 37    | 77,194  | 11,041   | 7,918      | 9,733  |
| Total 1988  | 109,315       | 55,979   | 58       | 85    | 5,564      | 240      | 0        | 158   | 333,682 | 59,392   | 31,676     | 49,284 |
| 1989:       |               |          |          |       |            |          |          |       |         |          |            |        |
| 1st quarter | 24,019        | 13,160   | 0        | 0     | **         | 1        | 0        | 645   | 78,872  | 13,669   | 9,787      | 12,274 |
| 2nd quarter | 21,248        | 9,811    | 2,422    | 1     | **         | 76       | 0        | 10    | 69,716  | 10,464   | 10,344     | 10,528 |
| 3rd quarter | 30,015        | 12,876   | 5,270    | 0     | **         | 2        | 0        | 39    | 63,669  | 13,228   | 11,410     | 9,037  |
| 4th quarter | 35,776        | 11,321   | 4,736    | 0     | **         | 58       | 0        | 17    | 69,543  | 11,837   | 10,689     | 9,483  |
| Total 1989  | 111,058       | 47,168   | 12,428   | 0     | **         | 137      | 0        | 711   | 281,799 | 49,197   | 42,230     | 41,323 |

\* - Totals may not reflect sums due to rounding.

\*\* - Reported volumes inconsistent with values.

Source: U.S. Department of Commerce, Bureau of the Census.



Table 18.--U.S. hardwood veneer imports, by region and species, 1978-89 (cont'd)  
(Million square feet, 1/36" basis)

| Year        | Other Asia |       |            | All other |       |            | Total   |                |
|-------------|------------|-------|------------|-----------|-------|------------|---------|----------------|
|             | Birch/     |       | Philippine | Birch/    |       | Philippine | Total   |                |
|             | Total      | maple | mahogany   | Total     | maple | mahogany   | Total   | maple mahogany |
| 1978        | 94.2       | 0.3   | 64.0       | 49.8      | 1.3   | 0.1        | 1,632.5 | 722.8 510.6    |
| 1979        | 34.4       | 0.1   | 21.6       | 80.1      | 1.2   | 0.0        | 1,560.1 | 713.4 463.2    |
| 1980        | 38.6       | 0.6   | 6.2        | 45.5      | 2.4   | 0.0        | 1,213.2 | 584.2 265.0    |
| 1981        | 67.6       | 1.4   | 33.3       | 78.5      | 1.0   | 0.0        | 1,406.3 | 605.1 353.8    |
| 1982        | 29.8       | 0.5   | 18.8       | 212.9     | 1.1   | 3.2        | 1,231.9 | 506.8 168.4    |
| 1983        | 47.6       | 0.2   | 21.0       | 136.4     | 3.5   | 0.0        | 1,607.2 | 637.8 309.7    |
| 1984        | 106.5      | 1.9   | 70.2       | 155.2     | 11.0  | 5.1        | 1,503.0 | 537.2 249.3    |
| 1985        | 129.8      | 0.7   | 101.9      | 192.6     | 7.2   | 0.5        | 1,398.0 | 501.5 216.5    |
| 1986        | 197.7      | 0.7   | 171.0      | 214.3     | 8.0   | 1.2        | 1,603.9 | 557.3 280.3    |
| 1987        | 208.5      | 0.5   | 164.8      | 192.5     | 5.6   | 0.0        | 1,682.1 | 563.4 285.0    |
| 1988:       |            |       |            |           |       |            |         |                |
| 1st quarter | 17.4       | 0.0   | 12.1       | 46.6      | 2.4   | 1.1        | 446.9   | 155.3 57.8     |
| 2nd quarter | 24.6       | 0.0   | 15.9       | 28.8      | 1.6   | 0.0        | 421.1   | 149.4 67.9     |
| 3rd quarter | 21.7       | 0.0   | 13.1       | 49.4      | 3.7   | 0.0        | 437.8   | 156.9 46.8     |
| 4th quarter | 33.3       | 0.0   | 20.3       | 39.6      | 3.4   | 0.0        | 408.0   | 126.3 67.1     |
| Total 1988  | 97.0       | 0.0   | 61.4       | 164.4     | 11.1  | 1.1        | 1,713.8 | 587.9 239.6    |
| 1989:       |            |       |            |           |       |            |         |                |
| 1st quarter | NA         | NA    | NA         | NA        | NA    | NA         | NA      | NA NA          |
| 2nd quarter | NA         | NA    | NA         | NA        | NA    | NA         | NA      | NA NA          |
| 3rd quarter | NA         | NA    | NA         | NA        | NA    | NA         | NA      | NA NA          |
| 4th quarter | NA         | NA    | NA         | NA        | NA    | NA         | NA      | NA NA          |
| Total 1989  | NA         | NA    | NA         | NA        | NA    | NA         | NA      | NA NA          |

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 19.--U.S. hardwood plywood imports, by region and species, 1978-89  
(Thousand square feet, 3/8" basis)

| Year        | Indonesia |       |                     | Taiwan    |         |                     | Philippines |       |                     | Other Asia |         |                     |
|-------------|-----------|-------|---------------------|-----------|---------|---------------------|-------------|-------|---------------------|------------|---------|---------------------|
|             | Total     | Birch | Philippine mahogany | Total     | Birch   | Philippine mahogany | Total       | Birch | Philippine mahogany | Total      | Birch   | Philippine mahogany |
| 1978        | 0         | 0     | 0                   | 1,732,924 | 84,034  | 834,783             | 302,579     | 18    | 283,042             | 2,791,741  | 126,387 | 871,009             |
| 1979        | 5,587     | 0     | 0                   | 1,522,875 | 118,352 | 705,714             | 349,281     | 213   | 317,655             | 2,049,754  | 82,921  | 551,848             |
| 1980        | 37,288    | 0     | 632                 | 858,469   | 102,378 | 422,780             | 199,459     | 0     | 173,084             | 1,062,557  | 64,351  | 395,339             |
| 1981        | 153,397   | 0     | 83,939              | 1,080,165 | 116,669 | 639,142             | 365,620     | 541   | 327,223             | 1,095,045  | 52,736  | 585,047             |
| 1982        | 427,216   | 0     | 382,850             | 850,066   | 118,999 | 549,529             | 146,908     | 172   | 136,093             | 660,015    | 42,694  | 356,829             |
| 1983        | 1,335,246 | 0     | 1,299,159           | 1,121,551 | 159,382 | 698,957             | 165,552     | 262   | 155,515             | 546,149    | 50,608  | 325,231             |
| 1984        | 1,537,396 | 0     | 1,517,530           | 902,949   | 183,735 | 445,284             | 83,933      | 226   | 78,726              | 199,240    | 48,846  | 38,620              |
| 1985        | 2,137,668 | 0     | 2,102,749           | 777,717   | 205,483 | 325,501             | 206,329     | 454   | 199,647             | 152,528    | 55,374  | 12,567              |
| 1986        | 2,515,815 | 0     | 2,453,244           | 716,357   | 231,806 | 222,264             | 99,392      | 22    | 97,447              | 170,717    | 47,425  | 26,163              |
| 1987        | 2,703,836 | 511   | 2,595,637           | 663,059   | 201,129 | 214,920             | 105,708     | 0     | 103,858             | 156,389    | 39,598  | 32,820              |
| 1988:       |           |       |                     |           |         |                     |             |       |                     |            |         |                     |
| 1st quarter | 581,282   | 0     | 553,716             | 117,817   | 30,712  | 29,288              | 21,447      | 125   | 20,870              | 24,990     | 3,341   | 12,060              |
| 2nd quarter | 628,665   | 0     | 588,989             | 109,366   | 40,010  | 23,518              | 6,841       | 0     | 6,533               | 23,259     | 3,039   | 12,064              |
| 3rd quarter | 575,518   | 0     | 555,708             | 162,069   | 76,727  | 20,562              | 5,683       | 0     | 5,575               | 21,400     | 3,542   | 8,425               |
| 4th quarter | 544,616   | 0     | 514,541             | 121,351   | 51,254  | 22,027              | 3,189       | 0     | 2,700               | 20,583     | 3,760   | 7,396               |
| Total 1988  | 2,330,081 | 0     | 2,212,954           | 510,603   | 198,713 | 95,395              | 37,160      | 125   | 35,678              | 90,232     | 13,682  | 39,945              |
| 1989:       |           |       |                     |           |         |                     |             |       |                     |            |         |                     |
| 1st quarter | 319,803r  | 0     | NA                  | 69,176r   | 25,485r | NA                  | 3,359       | 130   | NA                  | 9,486      | 1,943   | NA                  |
| 2nd quarter | 251,011r  | 0     | NA                  | 126,040r  | 25,815r | NA                  | 3,588       | 0     | NA                  | 13,565     | 3,693   | NA                  |
| 3rd quarter | 322,744r  | 0     | NA                  | 108,941r  | 19,716r | NA                  | 2,646       | 471   | NA                  | 14,324     | 3,045   | NA                  |
| 4th quarter | 242,202   | 0     | NA                  | 74,002    | 13,329  | NA                  | 2,002       | 0     | NA                  | 11,607     | 2,244   | NA                  |
| Total 1989  | 1,135,760 | 0     | NA                  | 378,159   | 84,346  | NA                  | 11,596      | 601   | NA                  | 48,981     | 10,925  | NA                  |

Table 19.--U.S. hardwood plywood imports, by region and species, 1978-89 (cont'd)  
(Thousand square feet, 3/8" basis)

| Year        | Canada  |        |                     | South America |       |                     | All other |        |                     | Total*    |                     |
|-------------|---------|--------|---------------------|---------------|-------|---------------------|-----------|--------|---------------------|-----------|---------------------|
|             | Total   | Birch  | Philippine mahogany | Total         | Birch | Philippine mahogany | Total     | Birch  | Philippine mahogany | Total     | Philippine mahogany |
| 1978        | 73,574  | 65,104 | 11                  | 24,048        | 0     | 67                  | 48,146    | 38,416 | 0                   | 4,973,012 | 313,959             |
| 1979        | 81,634  | 70,448 | 0                   | 24,846        | 0     | 0                   | 40,200    | 33,961 | 1                   | 4,074,177 | 305,895             |
| 1980        | 70,117  | 59,810 | 67                  | 31,235        | 0     | 0                   | 30,256    | 26,556 | 0                   | 2,289,381 | 253,095             |
| 1981        | 61,311  | 48,128 | 8                   | 29,630        | 0     | 0                   | 36,704    | 31,515 | 0                   | 2,821,872 | 249,589             |
| 1982        | 50,557  | 39,502 | 1                   | 21,660        | 238   | 0                   | 23,026    | 17,040 | 0                   | 2,179,448 | 218,645             |
| 1983        | 53,263  | 29,978 | 0                   | 38,765        | 129   | 0                   | 33,385    | 24,495 | 0                   | 3,293,911 | 274,854             |
| 1984        | 66,332  | 42,302 | 3                   | 54,339        | 4,386 | 0                   | 36,130    | 30,451 | 0                   | 2,880,319 | 309,946             |
| 1985        | 62,072  | 39,616 | 69                  | 58,128        | 848   | 0                   | 53,901    | 29,101 | 164                 | 3,448,343 | 330,876             |
| 1986        | 42,231  | 16,809 | 0                   | 87,407        | 728   | 0                   | 57,226    | 30,228 | 0                   | 3,689,145 | 327,018             |
| 1987        | 80,807  | 48,895 | 0                   | 81,284        | 1,013 | 324                 | 57,452    | 29,914 | 128                 | 3,848,535 | 321,060             |
| 1988:       |         |        |                     |               |       |                     |           |        |                     |           |                     |
| 1st quarter | 21,308  | 15,281 | 0                   | 20,707        | 0     | 149                 | 7,088     | 5,371  | 0                   | 794,639   | 54,830              |
| 2nd quarter | 20,410  | 13,859 | 0                   | 21,477        | 77    | 0                   | 12,509    | 5,499  | 0                   | 822,527   | 62,484              |
| 3rd quarter | 18,403  | 11,618 | 0                   | 29,669        | 0     | 0                   | 5,920     | 4,642  | 0                   | 818,662   | 96,529              |
| 4th quarter | 16,514  | 10,212 | 0                   | 15,186        | 0     | 0                   | 6,709     | 5,353  | 0                   | 728,148   | 70,589              |
| Total 1988  | 76,635  | 50,970 | 0                   | 87,039        | 77    | 149                 | 32,226    | 20,865 | 0                   | 3,163,976 | 284,432             |
| 1989:       |         |        |                     |               |       |                     |           |        |                     |           |                     |
| 1st quarter | 42,003r | 25,614 | NA                  | 28,527        | 0     | NA                  | 18,428    | 13,755 | NA                  | 490,778r  | 66,925r             |
| 2nd quarter | 28,623r | 15,731 | NA                  | 28,870        | 0     | NA                  | 11,146    | 6,712  | NA                  | 462,840r  | 51,950r             |
| 3rd quarter | 24,235r | 12,177 | NA                  | 23,212        | 0     | NA                  | **        | **     | NA                  | 496,105r  | 46,891r             |
| 4th quarter | 23,936  | 12,457 | NA                  | 23,714        | 0     | NA                  | **        | **     | NA                  | 377,463   | 67,656              |
| Total 1989  | 118,798 | 65,978 | NA                  | 104,322       | 0     | NA                  | **        | **     | NA                  | 1,827,187 | 233,421             |

\* - Totals may not reflect sums due to rounding.

r - revised figure.

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89  
(In thousands of dollars)

| Year<br>and<br>product | Canada | Caribbean,<br>South &<br>Central<br>America | Scandi-<br>navia | Other<br>Western<br>Europe | Eastern<br>Europe | Asia,<br>Middle<br>East, &<br>Pacific | All<br>other | Total*  |
|------------------------|--------|---------------------------------------------|------------------|----------------------------|-------------------|---------------------------------------|--------------|---------|
| 1978:                  |        |                                             |                  |                            |                   |                                       |              |         |
| Chairs                 | 3,472  | 3,546                                       | 9,192            | 19,772                     | 43,364            | 33,478                                | 1,961        | 114,785 |
| Other furniture        | 23,707 | 12,641                                      | 46,064           | 62,862                     | 16,187            | 61,399                                | 3,803        | 226,663 |
| Wood parts             | 3,856  | 5,574                                       | 1,696            | 4,660                      | 8,414             | 16,083                                | 631          | 40,914  |
| TOTAL                  | 31,035 | 21,761                                      | 56,952           | 87,294                     | 67,965            | 110,960                               | 6,395        | 382,362 |
| 1979:                  |        |                                             |                  |                            |                   |                                       |              |         |
| Chairs                 | 4,652  | 4,133                                       | 9,292            | 19,933                     | 43,276            | 44,151                                | 1,302        | 126,739 |
| Other furniture        | 36,854 | 14,952                                      | 55,891           | 77,055                     | 21,013            | 79,532                                | 4,448        | 289,745 |
| Wood parts             | 4,623  | 5,066                                       | 1,752            | 7,054                      | 8,041             | 20,462                                | 683          | 47,681  |
| TOTAL                  | 46,129 | 24,151                                      | 66,935           | 104,042                    | 72,330            | 144,145                               | 6,433        | 464,165 |
| 1980:                  |        |                                             |                  |                            |                   |                                       |              |         |
| Bentwood               | NA     | NA                                          | NA               | NA                         | 8,373             | 4,762                                 | 414          | 13,549  |
| Chairs                 | 5,953  | 3,603                                       | 8,638            | 19,354                     | 52,333            | 58,453                                | 1,960        | 150,294 |
| Other furniture        | 48,198 | 15,997                                      | 61,507           | 75,145                     | 23,618            | 84,365                                | 5,728        | 314,558 |
| Wood parts             | 4,393  | 5,548                                       | 2,055            | 7,206                      | 8,729             | 19,434                                | 588          | 47,953  |
| TOTAL                  | 58,544 | 25,148                                      | 72,200           | 101,705                    | 93,053            | 167,014                               | 8,690        | 526,354 |
| 1981:                  |        |                                             |                  |                            |                   |                                       |              |         |
| Bentwood               | NA     | NA                                          | NA               | NA                         | 8,678             | 2,924                                 | 214          | 11,816  |
| Chairs                 | 7,907  | 4,711                                       | 9,511            | 19,659                     | 50,980            | 74,534                                | 1,753        | 169,055 |
| Other furniture        | 55,424 | 13,979                                      | 62,236           | 80,618                     | 23,481            | 110,743                               | 5,332        | 351,813 |
| Wood parts             | 5,492  | 4,718                                       | 1,840            | 7,126                      | 24,540            | 24,154                                | 1,220        | 69,090  |
| TOTAL                  | 68,823 | 23,408                                      | 73,587           | 107,403                    | 107,679           | 212,355                               | 8,519        | 601,774 |
| 1982:                  |        |                                             |                  |                            |                   |                                       |              |         |
| Bentwood               | 83     | NA                                          | NA               | NA                         | 9,178             | 2,532                                 | 173          | 11,966  |
| Chairs                 | 8,117  | 4,755                                       | 10,986           | 20,375                     | 62,538            | 79,669                                | 1,525        | 187,965 |
| Other furniture        | 66,349 | 14,712                                      | 76,302           | 85,439                     | 31,444            | 132,224                               | 4,810        | 411,280 |
| Wood parts             | 4,652  | 3,300                                       | 1,463            | 8,413                      | 8,610             | 20,496                                | 716          | 47,650  |
| TOTAL                  | 79,201 | 22,767                                      | 88,751           | 114,227                    | 111,770           | 234,921                               | 7,224        | 658,861 |

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89 (cont'd)  
(In thousands of dollars)

| Year<br>and<br>product            | Canada  | Caribbean,<br>South &<br>Central<br>America | Scandi-<br>navia | Other<br>Western<br>Europe | Eastern<br>Europe | Asia,<br>Middle<br>East &<br>Pacific | All<br>Other | Total*    |
|-----------------------------------|---------|---------------------------------------------|------------------|----------------------------|-------------------|--------------------------------------|--------------|-----------|
| 1983:                             |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                          | NA      | NA                                          | NA               | NA                         | 9,002             | 4,559                                | 384          | 13,945    |
| Chairs                            | 10,783  | 5,686                                       | 14,785           | 27,412                     | 45,010            | 94,717                               | 1,792        | 200,185   |
| Other furniture                   | 85,862  | 19,969                                      | 105,604          | 111,429                    | 34,898            | 193,628                              | 6,232        | 557,622   |
| Wood parts                        | 7,632   | 5,453                                       | 1,657            | 10,712                     | 29,494            | 29,163                               | 645          | 84,756    |
| TOTAL                             | 104,277 | 31,108                                      | 122,046          | 149,553                    | 118,404           | 322,067                              | 9,053        | 856,508   |
| 1984:                             |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                          | NA      | 75                                          | NA               | 114                        | 11,908            | 3,202                                | 200          | 15,499    |
| Chairs                            | 15,149  | 7,010                                       | 22,274           | 48,353                     | 60,144            | 109,368                              | 2,411        | 264,709   |
| Tables                            | 9,503   | 5,799                                       | 26,387           | 19,700                     | 8,215             | 88,336                               | 1,454        | 159,394   |
| Bedroom furniture                 | 12,954  | 7,535                                       | 28,766           | 22,332                     | 2,486             | 10,821                               | 1,138        | 86,032    |
| Wall systems and<br>wood shelving | 40,754  | 11,021                                      | 52,183           | 59,656                     | 22,543            | 57,041                               | 5,866        | 249,064   |
| Other furniture                   | 62,388  | 7,287                                       | 51,237           | 57,318                     | 8,847             | 100,345                              | 3,053        | 290,475   |
| Wood parts                        | 9,233   | 6,374                                       | 5,115            | 16,561                     | 31,918            | 53,990                               | 621          | 123,812   |
| TOTAL                             | 149,981 | 45,101                                      | 185,962          | 224,034                    | 146,061           | 423,103                              | 14,743       | 1,188,985 |
| 1985:                             |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                          | NA      | NA                                          | NA               | 298                        | 10,945            | 1,605                                | 352          | 13,200    |
| Chairs                            | 17,757  | 9,432                                       | 28,392           | 78,473                     | 77,333            | 101,617                              | 2,893        | 315,897   |
| Tables                            | 13,525  | 6,247                                       | 31,345           | 37,247                     | 11,766            | 154,069                              | 1,939        | 256,138   |
| Bedroom furniture                 | 17,234  | 17,207                                      | 40,111           | 40,709                     | 3,040             | 12,716                               | 2,533        | 133,550   |
| Wall systems and<br>shelving      | 59,049  | 17,015                                      | 69,877           | 106,812                    | 29,482            | 101,386                              | 8,459        | 392,080   |
| Other furniture                   | 70,803  | 9,158                                       | 42,081           | 68,341                     | 7,307             | 104,917                              | 4,691        | 307,298   |
| Furniture parts                   | 12,428  | 8,754                                       | 2,414            | 20,987                     | 29,871            | 85,871                               | 1,050        | 161,375   |
| TOTAL                             | 190,796 | 67,813                                      | 214,220          | 352,867                    | 169,744           | 562,181                              | 21,917       | 1,579,538 |

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89 (cont'd)  
(In thousands of dollars)

| Year<br>and<br>product       | Canada  | Caribbean,<br>South &<br>Central<br>America | Scandi-<br>navia | Other<br>Western<br>Europe | Eastern<br>Europe | Asia,<br>Middle<br>East &<br>Pacific | All<br>Other | Total*    |
|------------------------------|---------|---------------------------------------------|------------------|----------------------------|-------------------|--------------------------------------|--------------|-----------|
| 1986:                        |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                     | 5       | 105                                         | 24               | 199                        | 7,546             | 2,622                                | 19           | 10,520    |
| Chairs                       | 21,247  | 10,307                                      | 27,977           | 87,248                     | 74,395            | 128,884                              | 789          | 350,847   |
| Tables                       | 17,086  | 6,802                                       | 29,368           | 46,966                     | 12,626            | 236,604                              | 1,045        | 350,497   |
| Bedroom furniture            | 26,847  | 23,593                                      | 43,662           | 66,016                     | 4,132             | 22,398                               | 932          | 187,580   |
| Wall systems and<br>shelving | 63,240  | 18,839                                      | 64,509           | 131,026                    | 32,221            | 140,880                              | 9,988        | 460,703   |
| Other furniture              | 85,125  | 11,441                                      | 39,125           | 79,657                     | 9,338             | 134,560                              | 2,079        | 361,325   |
| Furniture parts              | 17,657  | 15,566                                      | 8,975            | 22,048                     | 23,330            | 76,542                               | 482          | 164,600   |
| TOTAL                        | 231,207 | 86,653                                      | 213,640          | 433,160                    | 163,588           | 742,490                              | 15,334       | 1,886,072 |
| 1987:                        |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                     | 17      | 26                                          | 10               | 290                        | 8,018             | 1,837                                | 2            | 10,200    |
| Chairs                       | 25,098  | 14,953                                      | 24,605           | 87,065                     | 85,554            | 185,204                              | 195          | 422,674   |
| Tables                       | 19,824  | 14,350                                      | 28,193           | 44,813                     | 11,639            | 310,994                              | 799          | 430,612   |
| Bedroom furniture            | 35,627  | 26,327                                      | 41,717           | 71,790                     | 5,072             | 38,842                               | 5,270        | 224,645   |
| Wall systems and<br>shelving | 77,683  | 31,866                                      | 55,868           | 115,356                    | 48,441            | 166,994                              | 1,694        | 497,902   |
| Other furniture              | 104,876 | 15,331                                      | 38,588           | 78,236                     | 12,639            | 140,860                              | 4,627        | 395,157   |
| Furniture parts              | 20,304  | 16,029                                      | 8,952            | 23,059                     | 16,945            | 48,803                               | 131          | 134,223   |
| TOTAL                        | 283,429 | 118,882                                     | 197,933          | 420,609                    | 188,308           | 893,534                              | 12,718       | 2,115,413 |
| 1988:                        |         |                                             |                  |                            |                   |                                      |              |           |
| Bentwood                     | 26      | 48                                          | 6                | 98                         | 7,723             | 821                                  | 0            | 8,722     |
| Chairs                       | 29,684  | 18,343                                      | 20,520           | 90,543                     | 88,168            | 196,566                              | 61           | 443,886   |
| Tables                       | 19,880  | 19,286                                      | 22,445           | 42,180                     | 10,015            | 320,247                              | 215          | 434,265   |
| Bedroom furniture            | 42,079  | 36,698                                      | 36,931           | 63,312                     | 4,262             | 35,511                               | 269          | 219,057   |
| Wall systems and<br>shelving | 92,464  | 38,278                                      | 49,000           | 99,552                     | 42,537            | 157,990                              | 81           | 479,900   |
| Other furniture              | 110,655 | 20,270                                      | 32,262           | 79,944                     | 8,803             | 119,488                              | 215          | 371,637   |
| Furniture parts              | 24,219  | 19,061                                      | 9,995            | 24,870                     | 13,444            | 56,205                               | 185          | 147,980   |
| TOTAL                        | 319,004 | 151,984                                     | 171,161          | 400,494                    | 174,953           | 886,822                              | 1,027        | 2,105,446 |

Table 20.--Value of U.S. hardwood furniture imports, by region and product, 1978-89 (cont'd)  
(In thousands of dollars)

| Year<br>and<br>product       | Canada         | Caribbean,<br>South &<br>Central<br>America | Scandi-<br>navia | Other<br>Western<br>Europe | Eastern<br>Europe | Asia,<br>Middle<br>East &<br>Pacific | All<br>Other | Total*           |
|------------------------------|----------------|---------------------------------------------|------------------|----------------------------|-------------------|--------------------------------------|--------------|------------------|
| 1989:                        |                |                                             |                  |                            |                   |                                      |              |                  |
| Bentwood                     | 226            | 270                                         | 16               | 558                        | 8,443             | 1,245                                | 21           | 10,782           |
| Chairs                       | 73,193         | 34,888                                      | 28,449           | 283,644                    | 96,353            | 234,286                              | 348          | 751,155          |
| Tables                       | 3,782          | 4,798                                       | 7,614            | 14,954                     | 5,161             | 85,191                               | 112          | 121,613          |
| Bedroom furniture            | 56,579         | 38,270                                      | 36,816           | 83,015                     | 4,299             | 74,389                               | 638          | 294,010          |
| Wall systems and<br>shelving | 21,835         | 506                                         | 814              | 39,116                     | 1,224             | 6,871                                | 11           | 70,378           |
| Other furniture              | 176,424        | 92,858                                      | 90,329           | 176,782                    | 40,652            | 581,440                              | 3,242        | 1,161,724        |
| Furniture parts              | 28,400         | 23,842                                      | 9,066            | 24,349                     | 13,907            | 55,927                               | 52           | 155,542          |
| <b>TOTAL</b>                 | <b>360,440</b> | <b>195,436</b>                              | <b>173,104</b>   | <b>622,418</b>             | <b>170,039</b>    | <b>1,039,349</b>                     | <b>4,424</b> | <b>2,565,208</b> |

\* Totals may not reflect sums due to rounding.

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 21.--U.S. exports of nonconiferous chips, by region

| Year        | Western Europe   |                | Canada           |                | Japan            |                | Mexico           |                | Taiwan           |                |
|-------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|
|             | Volume<br>(tons) | Value<br>(M\$) | Volume<br>(tons) | Value<br>(M\$) | Volume<br>(tons) | Value<br>(M\$) | Volume<br>(tons) | Value<br>(M\$) | Volume<br>(tons) | Value<br>(M\$) |
| 1989:       |                  |                |                  |                |                  |                |                  |                |                  |                |
| 1st quarter | 162              | 8              | 2,112            | 106            | 350,405          | 29,830         | 26,615           | 1,423          | 24,508           | 1,940          |
| 2nd quarter | 200              | 10             | 1,809            | 92             | 422,034          | 42,321         | 38,145           | 1,948          | 53,705           | 8,405          |
| 3rd quarter | 911              | 46             | 959              | 47             | 348,321          | 33,337         | 10,229           | 522            | 38,598           | 2,972          |
| 4th quarter | 0                | 0              | 466              | 23             | 285,651          | 28,610         | 9,575            | 481            | 16,466           | 1,185          |
| Total 1989  | 1,273            | 64             | 5,346            | 268            | 1,406,411        | 134,099        | 84,564           | 4,374          | 133,277          | 14,502         |
| All others  |                  |                |                  |                |                  |                |                  |                |                  |                |
| Volume      |                  | Value          | Volume           |                | Value            | Total          |                  |                |                  |                |
| (tons)      |                  | (M\$)          | (tons)           |                | (M\$)            |                |                  |                |                  |                |
| 1989:       |                  |                |                  |                |                  |                |                  |                |                  |                |
| 1st quarter | 9,608            | 807            | 413,410          | 34,114         |                  |                |                  |                |                  |                |
| 2nd quarter | 15,727           | 1,440          | 531,620          | 54,216         |                  |                |                  |                |                  |                |
| 3rd quarter | 8,992            | 1,161          | 408,010          | 38,085         |                  |                |                  |                |                  |                |
| 4th quarter | 48,008           | 5,148          | 360,166          | 35,450         |                  |                |                  |                |                  |                |
| Total 1989  | 82,335           | 8,557          | 1,713,206        | 161,865        |                  |                |                  |                |                  |                |

Source: U.S. Department of Commerce, Bureau of the Census.

Table 22.--Value of U.S. hardwood log exports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Canada |       |       | Central & South America<br>and Caribbean |       |       | Western Europe |       |         |
|-------------|--------|-------|-------|------------------------------------------|-------|-------|----------------|-------|---------|
|             | Total  | R.oak | W.oak | Total                                    | R.oak | W.oak | Total          | R.oak | W.oak   |
| 1978        | 14,246 | 4,848 | 1,564 | 4,549                                    | 421   | 1,950 | 71,438         | 3,407 | 28,919  |
| 1979        | 17,805 | 6,675 | 1,985 | 6,759                                    | 1,437 | 2,656 | 95,276         | 6,076 | 47,703  |
| 1980        | 14,372 | 3,926 | 2,175 | 7,200                                    | 1,557 | 2,438 | 92,424         | 7,138 | 48,515  |
| 1981        | 12,945 | 3,620 | 1,166 | 7,336                                    | 725   | 3,057 | 57,133         | 5,475 | 34,565  |
| 1982        | 11,283 | 3,735 | 1,319 | 6,464                                    | 1,979 | 2,029 | 50,562         | 5,024 | 29,857  |
| 1983        | 13,638 | 4,187 | 1,239 | 5,667                                    | 1,598 | 2,890 | 61,345         | 6,505 | 35,560  |
| 1984        | 15,650 | 4,334 | 737   | 9,181                                    | 3,283 | 4,547 | 53,499         | 7,253 | 31,029  |
| 1985        | 10,486 | 2,588 | 455   | 8,082                                    | 3,078 | 3,365 | 44,186         | 4,565 | 23,773  |
| 1986        | 8,279  | 2,755 | 435   | 6,670                                    | 2,371 | 2,965 | 46,334         | 1,851 | 27,795  |
| 1987        | 10,252 | 3,245 | 735   | 4,879                                    | 2,153 | 1,107 | 56,319         | 3,034 | 33,192  |
| 1988:       |        |       |       |                                          |       |       |                |       |         |
| 1st quarter | 3,891  | 1,165 | 345   | 583                                      | 185   | 127   | 21,617         | 1,180 | 12,110  |
| 2nd quarter | 2,249  | 1,138 | 175   | 2,657                                    | 946   | 932   | 21,800         | 1,577 | 10,402  |
| 3rd quarter | 2,655  | 734   | 141   | 3,232                                    | 1,262 | 1,343 | 7,044          | 1,238 | 2,294   |
| 4th quarter | 3,788  | 973   | 241   | 698                                      | 159   | 244   | 18,842         | 1,116 | 8,717   |
| 1988 total  | 12,583 | 4,010 | 902   | 7,170                                    | 2,552 | 2,646 | 69,303         | 5,111 | 33,523  |
| 1989:       |        |       |       |                                          |       |       |                |       |         |
| 1st quarter | 5,863  | 2,364 | 443   | 1,154                                    | 478   | 197   | 35,889         | 2,588 | 16,565r |
| 2nd quarter | 4,363  | 2,517 | 472   | 4,016                                    | 1,228 | 1,226 | 27,975         | 2,543 | 11,379  |
| 3rd quarter | 3,618  | 1,869 | 344   | 803                                      | 237   | 188   | 8,607          | 954   | 2,211   |
| 4th quarter | 4,279  | 1,331 | 296   | 2,678                                    | 1,451 | 542   | 20,611         | 1,315 | 7,546   |
| 1989 total  | 18,124 | 8,081 | 1,557 | 8,650                                    | 3,394 | 2,154 | 93,084         | 7,400 | 37,706  |

  

| Year        | Asia    |        |        | All other |       |        | Total   |        |        |
|-------------|---------|--------|--------|-----------|-------|--------|---------|--------|--------|
|             | Total   | R.oak  | W.oak  | Total     | R.oak | W.oak  | Total   | R.oak  | W.oak  |
| 1978        | 12,427  | 909    | 608    | 157       | 17    | 14     | 102,817 | 9,602  | 33,055 |
| 1979        | 18,198  | 663    | 879    | 63        | 4     | 0      | 138,101 | 14,855 | 53,223 |
| 1980        | 15,160  | 1,060  | 473    | 208       | 18    | 7      | 129,364 | 13,699 | 53,608 |
| 1981        | 14,209  | 2,288  | 1,077  | 245       | 11    | 0      | 91,868  | 12,119 | 39,865 |
| 1982        | 15,443  | 3,429  | 1,046  | 153       | 0     | 15     | 83,905  | 14,167 | 34,266 |
| 1983        | 17,410  | 6,493  | 1,887  | 3         | 0     | 0      | 98,063  | 18,783 | 41,576 |
| 1984        | 22,365  | 7,485  | 3,074  | 14        | 5     | 0      | 100,709 | 22,360 | 39,387 |
| 1985        | 28,378  | 13,289 | 2,435  | 17        | 0     | 0      | 91,149  | 23,520 | 30,028 |
| 1986        | 35,909  | 12,236 | 4,666  | 73        | 0     | 0      | 97,265  | 19,213 | 35,861 |
| 1987        | 46,506  | 12,941 | 9,208  | 321       | 40    | 116    | 118,277 | 21,413 | 44,358 |
| 1988:       |         |        |        |           |       |        |         |        |        |
| 1st quarter | 17,260  | 4,783  | 3,276  | 55        | 0     | 27     | 43,406  | 7,313  | 15,885 |
| 2nd quarter | 21,052  | 6,125  | 4,271  | 49        | 0     | 26     | 47,807  | 9,786  | 15,806 |
| 3rd quarter | 13,838  | 3,661  | 1,538  | 178       | 0     | 139    | 26,947  | 6,895  | 5,455  |
| 4th quarter | 18,168  | 3,604  | 3,842  | 334       | 10    | 292    | 41,830  | 5,862  | 13,336 |
| 1988 total  | 70,318  | 18,173 | 12,927 | 616       | 10    | 484    | 159,990 | 29,856 | 50,482 |
| 1989:       |         |        |        |           |       |        |         |        |        |
| 1st quarter | 29,918  | 6,850  | 7,645  | 1,494r    | 28    | 1,318r | 74,323  | 12,308 | 26,172 |
| 2nd quarter | 33,279r | 8,506  | 7,989  | 2,632r    | 131   | 2,164  | 72,251  | 14,925 | 23,230 |
| 3rd quarter | 17,152r | 5,711r | 2,440  | 526r      | 65r   | 248    | 30,712  | 8,837  | 5,436  |
| 4th quarter | 18,528  | 5,032  | 4,385  | 4,057     | 143   | 3,760  | 50,147  | 9,272  | 16,533 |
| 1989 total  | 98,865  | 26,095 | 22,461 | 8,707     | 368   | 7,492  | 227,433 | 45,341 | 71,370 |

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 23.--Value of U.S. hardwood lumber exports by region and species, 1978-89  
(in thousands of dollars)

| Year        | Central & South America<br>and Caribbean |        |        |        |        |       |                |        |         |
|-------------|------------------------------------------|--------|--------|--------|--------|-------|----------------|--------|---------|
|             | Canada                                   |        |        |        |        |       | Western Europe |        |         |
|             | Total                                    | R.oak  | W.oak  | Total  | R.oak  | W.oak | Total          | R.oak  | W.oak   |
| 1978        | 64,180                                   | 33,287 | 6,487  | 4,537  | 884    | 324   | 73,390         | 35,741 | 24,732  |
| 1979        | 76,667                                   | 34,636 | 5,142  | 5,329  | 1,112  | 81    | 115,680        | 54,786 | 38,875  |
| 1980        | 73,187                                   | 30,848 | 6,352  | 7,654  | 1,635  | 361   | 137,899        | 62,950 | 48,412  |
| 1981        | 77,605                                   | 37,451 | 5,933  | 8,287  | 2,358  | 382   | 127,363        | 60,039 | 43,105  |
| 1982        | 60,891                                   | 32,077 | 3,749  | 7,936  | 3,039  | 518   | 119,241        | 53,582 | 41,451  |
| 1983        | 91,689                                   | 46,265 | 6,098  | 8,151  | 4,026  | 199   | 131,780        | 52,668 | 53,408  |
| 1984        | 79,210                                   | 40,262 | 7,215  | 11,756 | 5,094  | 716   | 108,162        | 41,760 | 48,905  |
| 1985        | 65,566                                   | 36,232 | 5,033  | 11,186 | 4,498  | 1,259 | 90,326         | 37,125 | 37,690  |
| 1986        | 70,391                                   | 40,928 | 5,379  | 14,424 | 4,784  | 843   | 123,939        | 43,333 | 56,409  |
| 1987        | 102,334                                  | 58,696 | 8,667  | 21,992 | 9,948  | 1,401 | 173,984        | 55,389 | 77,926  |
| 1988:       |                                          |        |        |        |        |       |                |        |         |
| 1st quarter | 35,298                                   | 21,487 | 2,811  | 5,996  | 2,605  | 330   | 61,604         | 18,604 | 27,146  |
| 2nd quarter | 34,179                                   | 17,786 | 3,891  | 7,804  | 3,007  | 663   | 71,706         | 21,584 | 29,476  |
| 3rd quarter | 30,699                                   | 16,699 | 2,890  | 8,291  | 4,807  | 422   | 65,848         | 20,696 | 29,229  |
| 4th quarter | 27,937                                   | 14,549 | 2,566  | 7,605  | 3,896  | 575   | 65,744         | 19,112 | 28,758  |
| 1988 total  | 128,113                                  | 70,521 | 12,158 | 29,696 | 14,315 | 1,990 | 264,902        | 79,996 | 114,609 |
| 1989:       |                                          |        |        |        |        |       |                |        |         |
| 1st quarter | 26,434                                   | 13,739 | 2,895  | 7,204r | 2,384r | 1,775 | 62,139r        | 17,158 | 31,885  |
| 2nd quarter | 32,921                                   | 17,620 | 3,184  | 7,752r | 2,803  | 1,092 | 67,793r        | 17,338 | 33,961  |
| 3rd quarter | 28,763                                   | 16,245 | 2,685  | 6,696  | 2,890  | 668   | 59,494         | 12,812 | 30,494  |
| 4th quarter | 25,335                                   | 13,570 | 3,042  | 6,756  | 2,141  | 654   | 64,385         | 11,605 | 33,799  |
| 1989 total  | 113,452                                  | 61,172 | 11,806 | 28,403 | 10,217 | 4,187 | 253,810        | 58,920 | 130,136 |

  

| Year        | Asia    |         |        | All other |        |       | Total   |         |         |
|-------------|---------|---------|--------|-----------|--------|-------|---------|---------|---------|
|             | Total   | R.oak   | W.oak  | Total     | R.oak  | W.oak | Total   | R.oak   | W.oak   |
|             |         |         |        |           |        |       |         |         |         |
| 1978        | 5,485   | 450     | 2,516  | 574       | 186    | 59    | 148,166 | 70,548  | 34,118  |
| 1979        | 6,872   | 1,199   | 1,514  | 1,514     | 634    | 112   | 206,062 | 92,367  | 45,724  |
| 1980        | 14,207  | 1,670   | 5,986  | 2,004     | 684    | 603   | 234,951 | 97,787  | 61,714  |
| 1981        | 25,144  | 7,755   | 8,408  | 3,634     | 1,275  | 1,374 | 242,033 | 108,878 | 59,202  |
| 1982        | 24,231  | 8,732   | 6,724  | 3,834     | 2,361  | 799   | 216,133 | 99,791  | 53,241  |
| 1983        | 49,384  | 18,671  | 11,868 | 6,892     | 3,463  | 2,019 | 287,896 | 125,093 | 73,592  |
| 1984        | 76,344  | 31,687  | 15,021 | 6,660     | 2,824  | 2,614 | 282,132 | 121,627 | 74,471  |
| 1985        | 75,641  | 37,669  | 9,396  | 4,878     | 1,360  | 2,476 | 247,597 | 116,884 | 55,854  |
| 1986        | 122,827 | 68,365  | 14,428 | 5,556     | 2,518  | 2,104 | 337,137 | 159,928 | 79,163  |
| 1987        | 166,082 | 74,298  | 24,371 | 10,444    | 4,230  | 5,035 | 474,836 | 202,561 | 117,400 |
| 1988:       |         |         |        |           |        |       |         |         |         |
| 1st quarter | 44,090  | 16,366  | 5,522  | 4,376     | 2,077  | 1,859 | 151,364 | 61,139  | 37,668  |
| 2nd quarter | 51,255  | 16,440  | 7,315  | 2,426     | 748    | 1,086 | 167,370 | 59,565  | 42,431  |
| 3rd quarter | 63,765  | 27,910  | 7,534  | 2,900     | 843    | 1,414 | 171,503 | 70,955  | 41,489  |
| 4th quarter | 59,735  | 26,380  | 7,806  | 3,284     | 892    | 1,890 | 164,305 | 64,829  | 41,595  |
| 1988 total  | 218,845 | 87,096  | 28,177 | 12,986    | 4,560  | 6,249 | 654,542 | 256,488 | 163,183 |
| 1989:       |         |         |        |           |        |       |         |         |         |
| 1st quarter | 48,642  | 16,177  | 7,800  | 3,905r    | 1,208r | 2,209 | 148,325 | 50,666  | 46,564  |
| 2nd quarter | 56,438r | 18,929  | 9,035  | 3,438r    | 1,074  | 1,989 | 168,328 | 57,764  | 49,261  |
| 3rd quarter | 60,655r | 19,625r | 9,523  | 5,108r    | 1,893r | 2,688 | 160,714 | 53,468  | 46,059  |
| 4th quarter | 55,131  | 16,848  | 9,235  | 5,183     | 1,844  | 2,691 | 156,790 | 46,005  | 49,421  |
| 1989 total  | 220,857 | 71,576  | 35,594 | 17,626    | 6,020  | 9,577 | 634,156 | 207,900 | 191,304 |

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 24.--Value of U.S. hardwood veneer exports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Canada |       |       | Central & South America<br>and Caribbean |       |       | Western Europe |        |        |
|-------------|--------|-------|-------|------------------------------------------|-------|-------|----------------|--------|--------|
|             | Total  | R.oak | W.oak | Total                                    | R.oak | W.oak | Total          | R.oak  | W.oak  |
| 1978        | 6,129  | 1,054 | 337   | 793                                      | 50    | 0     | 54,184         | 3,018  | 28,702 |
| 1979        | 5,493  | 1,283 | 213   | 1,260                                    | 52    | 10    | 69,465         | 3,398  | 40,601 |
| 1980        | 7,368  | 2,076 | 472   | 3,485                                    | 107   | 165   | 92,128         | 7,389  | 55,699 |
| 1981        | 7,602  | 1,511 | 547   | 3,725                                    | 90    | 500   | 63,669         | 6,098  | 39,154 |
| 1982        | 5,745  | 1,821 | 435   | 1,034                                    | 124   | 43    | 59,325         | 7,825  | 36,636 |
| 1983        | 9,712  | 3,062 | 668   | 912                                      | 76    | 227   | 72,299         | 11,136 | 40,803 |
| 1984        | 13,727 | 4,749 | 2,724 | 1,432                                    | 181   | 237   | 55,313         | 9,421  | 33,465 |
| 1985        | 9,090  | 2,083 | 1,466 | 855                                      | 235   | 31    | 40,353         | 8,961  | 22,148 |
| 1986        | 8,545  | 1,871 | 727   | 1,718                                    | 207   | 587   | 50,982         | 7,959  | 31,045 |
| 1987        | 15,362 | 3,794 | 1,084 | 1,048                                    | 37    | 352   | 75,330         | 13,281 | 45,753 |
| 1988:       |        |       |       |                                          |       |       |                |        |        |
| 1st quarter | 4,622  | 629   | 316   | 440                                      | 16    | 39    | 20,238         | 2,357  | 13,539 |
| 2nd quarter | 4,942  | 906   | 89    | 509                                      | 51    | 240   | 26,872         | 3,725  | 17,795 |
| 3rd quarter | 4,386  | 924   | 220   | 473                                      | 75    | 171   | 19,409         | 4,230  | 12,410 |
| 4th quarter | 4,720  | 1,579 | 299   | 432                                      | 38    | 113   | 26,116         | 5,245  | 16,619 |
| 1988 total  | 18,670 | 4,038 | 924   | 1,854                                    | 180   | 563   | 92,635         | 15,557 | 60,363 |
| 1989:       |        |       |       |                                          |       |       |                |        |        |
| 1st quarter | 3,966  | 1,540 | 437   | 606r                                     | 99    | 128   | 22,249         | 3,822  | 14,221 |
| 2nd quarter | 3,791  | 1,456 | 574   | 555r                                     | 130   | 127   | 26,318         | 4,227  | 17,285 |
| 3rd quarter | 3,489  | 1,169 | 497   | 703                                      | 120   | 183   | 21,099         | 3,121  | 13,454 |
| 4th quarter | 3,896  | 1,798 | 375   | 782                                      | 70    | 161   | 26,048         | 3,383  | 16,492 |
| 1989 total  | 15,141 | 5,963 | 1,883 | 2,646                                    | 421   | 599   | 95,705         | 14,550 | 61,450 |

  

| Year        | Asia   |       |       | All other |       |       | Total   |        |        |
|-------------|--------|-------|-------|-----------|-------|-------|---------|--------|--------|
|             | Total  | R.oak | W.oak | Total     | R.oak | W.oak | Total   | R.oak  | W.oak  |
| 1978        | 1,368  | 199   | 195   | 647       | 3     | 126   | 63,121  | 4,324  | 29,360 |
| 1979        | 1,545  | 248   | 45    | 644       | 10    | 90    | 78,407  | 4,991  | 40,959 |
| 1980        | 2,032  | 341   | 147   | 1,334     | 128   | 297   | 106,347 | 10,041 | 56,780 |
| 1981        | 3,270  | 734   | 583   | 2,080     | 42    | 422   | 80,346  | 8,475  | 41,204 |
| 1982        | 5,774  | 2,256 | 357   | 1,172     | 28    | 317   | 73,050  | 12,054 | 37,788 |
| 1983        | 8,917  | 4,527 | 420   | 1,258     | 127   | 542   | 93,098  | 18,928 | 42,660 |
| 1984        | 9,973  | 4,313 | 710   | 1,663     | 21    | 182   | 82,108  | 18,685 | 37,318 |
| 1985        | 10,468 | 5,174 | 849   | 1,483     | 37    | 563   | 62,249  | 16,490 | 25,057 |
| 1986        | 18,598 | 6,039 | 4,196 | 1,921     | 457   | 1,092 | 81,764  | 16,533 | 37,647 |
| 1987        | 18,047 | 4,980 | 4,473 | 2,147     | 310   | 1,379 | 111,934 | 22,402 | 53,041 |
| 1988:       |        |       |       |           |       |       |         |        |        |
| 1st quarter | 7,077  | 1,562 | 1,655 | 392       | 40    | 98    | 32,769  | 4,604  | 15,647 |
| 2nd quarter | 8,793  | 2,002 | 2,954 | 639       | 46    | 496   | 41,755  | 6,730  | 21,574 |
| 3rd quarter | 8,483  | 1,534 | 2,288 | 212       | 35    | 110   | 32,963  | 6,798  | 15,199 |
| 4th quarter | 7,611  | 2,189 | 2,346 | 1,466     | 308   | 979   | 40,345  | 9,359  | 20,356 |
| 1988 total  | 31,964 | 7,287 | 9,243 | 2,709     | 429   | 1,683 | 147,832 | 27,491 | 72,776 |
| 1989:       |        |       |       |           |       |       |         |        |        |
| 1st quarter | 8,541r | 1,160 | 2,599 | 614r      | 138r  | 304   | 35,977  | 6,762  | 17,689 |
| 2nd quarter | 10,878 | 2,418 | 2,467 | 2,012r    | 351   | 1,325 | 43,556  | 8,582  | 21,778 |
| 3rd quarter | 9,298  | 1,479 | 2,299 | 970       | 51    | 641   | 35,558  | 5,939  | 17,075 |
| 4th quarter | 8,572  | 1,418 | 1,701 | 1,355     | 251   | 782   | 40,653  | 6,923  | 19,508 |
| 1989 total  | 37,291 | 6,477 | 9,068 | 4,949     | 791   | 3,050 | 155,742 | 28,204 | 76,049 |

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 25.--Value of U.S. hardwood plywood exports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Canada |       |       | Central & South America<br>and Caribbean |       |       | Western Europe |       |     |
|-------------|--------|-------|-------|------------------------------------------|-------|-------|----------------|-------|-----|
|             | Total  | Birch | Oak   | Total                                    | Birch | Oak   | Total          | Birch | Oak |
| 1978        | 3,692  | 133   | 92    | 1,294                                    | 310   | 20    | 1,099          | 16    | 63  |
| 1979        | 4,887  | 129   | 348   | 1,911                                    | 233   | 8     | 780            | 78    | 26  |
| 1980        | 4,078  | 381   | 538   | 4,091                                    | 526   | 167   | 2,404          | 15    | 277 |
| 1981        | 4,943  | 1,101 | 1,206 | 3,839                                    | 654   | 212   | 756            | 122   | 69  |
| 1982        | 2,673  | 688   | 1,045 | 4,357                                    | 450   | 67    | 515            | 39    | 326 |
| 1983        | 3,180  | 492   | 1,476 | 2,888                                    | 332   | 47    | 649            | 14    | 574 |
| 1984        | 2,254  | 394   | 738   | 4,079                                    | 362   | 97    | 716            | 19    | 500 |
| 1985        | 2,652  | 480   | 582   | 6,139                                    | 505   | 168   | 627            | 0     | 207 |
| 1986        | 3,854  | 389   | 901   | 5,780                                    | 262   | 176   | 2,735          | 357   | 28  |
| 1987        | 3,289  | 258   | 837   | 7,907                                    | 558   | 598   | 2,238          | 0     | 157 |
| 1988:       |        |       |       |                                          |       |       |                |       |     |
| 1st quarter | 1,247  | 76    | 527   | 3,322                                    | 532   | 99    | 649            | 104   | 72  |
| 2nd quarter | 1,177  | 67    | 693   | 3,004                                    | 433   | 150   | 1,704          | 48    | 51  |
| 3rd quarter | 1,582  | 55    | 578   | 2,806                                    | 452   | 93    | 1,029          | 14    | 153 |
| 4th quarter | 964    | 79    | 320   | 2,752                                    | 316   | 80    | 347            | 0     | 93  |
| 1988 total  | 4,970  | 277   | 2,118 | 11,884                                   | 1,733 | 422   | 3,729          | 166   | 369 |
| 1989:       |        |       |       |                                          |       |       |                |       |     |
| 1st quarter | 666    | 124   | 177   | 964                                      | 119   | 297   | 1,039          | 245r  | 50  |
| 2nd quarter | 992    | 42    | 324   | 1,242                                    | 101   | 174   | 48             | 0     | 0   |
| 3rd quarter | 1,420  | 113   | 366   | 1,142                                    | 188   | 338   | 55             | 0     | 30  |
| 4th quarter | 1,567  | 256   | 378   | 1,498                                    | 450   | 416   | 5              | 0     | 0   |
| 1989 total  | 4,644  | 536   | 1,245 | 4,843                                    | 855   | 1,225 | 1,147          | 245   | 80  |

  

| Year        | Asia  |       |     | All other |       |     | Total  |       |       |
|-------------|-------|-------|-----|-----------|-------|-----|--------|-------|-------|
|             | Total | Birch | Oak | Total     | Birch | Oak | Total  | Birch | Oak   |
| 1978        | 1,721 | 229   | 9   | 497       | 110   | 0   | 8,303  | 798   | 184   |
| 1979        | 601   | 64    | 35  | 283       | 201   | 0   | 8,462  | 705   | 417   |
| 1980        | 1,739 | 81    | 41  | 351       | 154   | 0   | 12,663 | 1,157 | 1,023 |
| 1981        | 689   | 43    | 102 | 732       | 429   | 31  | 10,959 | 2,349 | 1,620 |
| 1982        | 1,736 | 124   | 46  | 187       | 101   | 3   | 9,468  | 1,402 | 1,487 |
| 1983        | 464   | 49    | 58  | 305       | 129   | 114 | 7,486  | 1,016 | 2,269 |
| 1984        | 620   | 2     | 1   | 284       | 122   | 0   | 7,953  | 899   | 1,336 |
| 1985        | 816   | 156   | 86  | 229       | 63    | 0   | 10,463 | 1,204 | 1,043 |
| 1986        | 921   | 0     | 62  | 65        | 3     | 2   | 13,355 | 1,011 | 1,169 |
| 1987        | 991   | 70    | 66  | 104       | 10    | 0   | 14,529 | 896   | 1,658 |
| 1988:       |       |       |     |           |       |     |        |       |       |
| 1st quarter | 374   | 53    | 0   | 44        | 11    | 0   | 5,636  | 776   | 698   |
| 2nd quarter | 294   | 42    | 0   | 23        | 9     | 0   | 6,202  | 599   | 894   |
| 3rd quarter | 368   | 0     | 0   | 24        | 0     | 0   | 5,809  | 521   | 824   |
| 4th quarter | 372   | 79    | 23  | 111       | 19    | 0   | 4,546  | 493   | 516   |
| 1988 total  | 1,408 | 174   | 23  | 202       | 39    | 0   | 22,193 | 2,389 | 2,932 |
| 1989:       |       |       |     |           |       |     |        |       |       |
| 1st quarter | 149   | 0     | 0   | 13        | 0     | 0   | 2,830  | 485   | 524   |
| 2nd quarter | 302r  | 0     | 68  | 199       | 21    | 70  | 2,781  | 164   | 636   |
| 3rd quarter | 192   | 9     | 53r | 16        | 0     | 0r  | 2,819  | 309   | 785   |
| 4th quarter | 47    | 0     | 3   | 4         | 0     | 0   | 3,123  | 706   | 797   |
| 1989 total  | 688   | 9     | 124 | 231       | 21    | 70  | 11,553 | 1,666 | 2,744 |

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 26.--Value of U.S. hardwood log imports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Africa |          | Asia   |                     | Canada |             | South America |          |
|-------------|--------|----------|--------|---------------------|--------|-------------|---------------|----------|
|             | Total  | Mahogany | Total  | Philippine Mahogany | Total  | Birch/maple | Total         | Mahogany |
| 1978        | 1,115  | 681      | 329    | 1                   | 2,198  | 1,329       | 290           | 0        |
| 1979        | 635    | 403      | 541    | 39                  | 1,556  | 1,296       | 168           | 26       |
| 1980        | 1,090  | 711      | 193    | 16                  | 1,547  | 1,130       | 188           | 0        |
| 1981        | 579    | 496      | 266    | 0                   | 1,930  | 1,379       | 254           | 2        |
| 1982        | 639    | 563      | 237    | 17                  | 2,803  | 1,875       | 86            | 8        |
| 1983        | 196    | 146      | 379    | 49                  | 2,586  | 1,007       | 289           | 27       |
| 1984        | 596    | 270      | 496    | 22                  | 3,524  | 974         | 363           | 101      |
| 1985        | 170    | 127      | 1,329  | 37                  | 1,870  | 830         | 565           | 100      |
| 1986        | 263    | 258      | 659    | 75                  | 2,018  | 1,012       | 147           | 0        |
| 1987        | 270    | 192      | 543    | 5                   | 1,635  | 1,028       | 223           | 91       |
| 1988:       |        |          |        |                     |        |             |               |          |
| 1st quarter | 266    | 221      | 164    | 0                   | 575    | 432         | 56            | 25       |
| 2nd quarter | 13     | 0        | 104    | 0                   | 357    | 131         | 25            | 9        |
| 3rd quarter | 15     | 0        | 295    | 0                   | 382    | 316         | 91            | 50       |
| 4th quarter | 45     | 0        | 427    | 0                   | 327    | 242         | 74            | 0        |
| Total 1988  | 339    | 221      | 990    | 0                   | 1,641  | 1,121       | 246           | 84       |
| 1989:       |        |          |        |                     |        |             |               |          |
| 1st quarter | 494    | 259      | 2,241r | 1,951               | 1,585  | 887         | 433           | 0        |
| 2nd quarter | 552    | 487      | 2,492r | 1,976               | 1,162  | 615         | 1,086         | 0        |
| 3rd quarter | 506    | 364      | 3,248r | 3,021               | 1,145  | 774         | 725           | 0        |
| 4th quarter | 442    | 0        | 1,978  | 1,800               | 988    | 597         | 558           | 0        |
| Total 1989  | 1,993  | 1,110    | 9,960  | 8,750               | 4,880  | 2,872       | 2,806         | 0        |

  

| Year        | All others |             |                     |          | Total* |             |          |                     |
|-------------|------------|-------------|---------------------|----------|--------|-------------|----------|---------------------|
|             | Total      | Birch/maple | Philippine mahogany | Mahogany | Total  | Birch/maple | Mahogany | Philippine mahogany |
| 1978        | 118        | 0           | 0                   | 10       | 4,051  | 1,329       | 690      | 1                   |
| 1979        | 272        | 9           | 0                   | 0        | 3,173  | 1,305       | 430      | 39                  |
| 1980        | 291        | 0           | 0                   | 123      | 3,309  | 1,130       | 835      | 16                  |
| 1981        | 83         | 1           | 0                   | 0        | 3,113  | 1,379       | 499      | 0                   |
| 1982        | 53         | 0           | 0                   | 0        | 3,818  | 1,875       | 571      | 17                  |
| 1983        | 129        | 0           | 0                   | 3        | 3,580  | 1,007       | 181      | 49                  |
| 1984        | 117        | 0           | 0                   | 52       | 5,098  | 974         | 423      | 22                  |
| 1985        | 300        | 1           | 0                   | 19       | 4,234  | 831         | 248      | 37                  |
| 1986        | 1,469      | 4           | 0                   | 23       | 4,558  | 1,016       | 281      | 75                  |
| 1987        | 963        | 10          | 0                   | 0        | 3,634  | 1,038       | 284      | 5                   |
| 1988:       |            |             |                     |          |        |             |          |                     |
| 1st quarter | 169        | 0           | 0                   | 0        | 1,230  | 445         | 246      | 0                   |
| 2nd quarter | 142        | 0           | 0                   | 0        | 640    | 131         | 9        | 0                   |
| 3rd quarter | 80         | 0           | 0                   | 0        | 863    | 316         | 59       | 0                   |
| 4th quarter | 103        | 0           | 0                   | 0        | 976    | 242         | 0        | 0                   |
| Total 1988  | 494        | 0           | 0                   | 0        | 3,709  | 1,135       | 314      | 0                   |
| 1989:       |            |             |                     |          |        |             |          |                     |
| 1st quarter | 203        | 2           | 28                  | 0        | 4,957  | 889         | 259      | 1,994               |
| 2nd quarter | 108r       | 8           | 31                  | 3        | 5,401  | 623         | 504      | 2,048               |
| 3rd quarter | 172r       | 0           | 0                   | 0        | 5,794  | 774         | 366      | 3,080               |
| 4th quarter | 103        | 12          | 0                   | 0        | 4,068  | 609         | 0        | 1,801               |
| Total 1989  | 583        | 22          | 59                  | 3        | 20,220 | 2,894       | 1,129    | 8,922               |

\* Totals may not reflect sums of regions due to omission of small amounts of species not included in regional breakdowns.

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 27.--Value U.S. hardwood lumber imports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Africa   |       |                            |    | Asia     |       |                            |     | Canada   |     |                            |        |
|-------------|----------|-------|----------------------------|----|----------|-------|----------------------------|-----|----------|-----|----------------------------|--------|
|             | Mahogany |       | Philippine Birch/<br>maple |    | Mahogany |       | Philippine Birch/<br>maple |     | Mahogany |     | Philippine Birch/<br>maple |        |
|             | Total    |       | Total                      |    | Total    |       | Total                      |     | Total    |     | Total                      |        |
| 1978        | 6,834    | 1,147 | 0                          | 7  | 53,657   | 127   | 26,300                     | 11  | 35,114   | 143 | 0                          | 27,918 |
| 1979        | 4,897    | 1,033 | 0                          | 15 | 94,803   | 97    | 34,607                     | 32  | 36,213   | 91  | 0                          | 25,267 |
| 1980        | 2,948    | 421   | 0                          | 12 | 53,746   | 98    | 31,074                     | 21  | 29,523   | 245 | 2                          | 22,265 |
| 1981        | 4,450    | 584   | 0                          | 0  | 58,431   | 12    | 28,632                     | 4   | 28,179   | 116 | 0                          | 10,017 |
| 1982        | 2,192    | 229   | 0                          | 0  | 35,300   | 127   | 12,095                     | 2   | 23,514   | 132 | 0                          | 13,920 |
| 1983        | 1,802    | 201   | 0                          | 0  | 53,702   | 98    | 24,404                     | 0   | 24,053   | 137 | 0                          | 13,613 |
| 1984        | 2,405    | 574   | 0                          | 1  | 64,137   | 216   | 27,187                     | 0   | 29,277   | 109 | 0                          | 14,134 |
| 1985        | 2,616    | 561   | 0                          | 0  | 73,038   | 314   | 25,782                     | 0   | 31,047   | 213 | 0                          | 13,741 |
| 1986        | 2,750    | 1,032 | 51                         | 0  | 56,166   | 593   | 19,820                     | 0   | 32,256   | 275 | 0                          | 16,392 |
| 1987        | 6,411    | 4,091 | 0                          | 29 | 75,037   | 706   | 28,822                     | 108 | 51,790   | 473 | 0                          | 22,112 |
| 1988:       |          |       |                            |    |          |       |                            |     |          |     |                            |        |
| 1st quarter | 979      | 679   | 0                          | 8  | 17,624   | 424   | 5,877                      | 26  | 13,435   | 49  | 0                          | 7,368  |
| 2nd quarter | 708      | 477   | 0                          | 0  | 16,115   | 198   | 4,906                      | 0   | 14,283   | 36  | 0                          | 6,524  |
| 3rd quarter | 741      | 298   | 0                          | 0  | 20,842   | 287   | 7,017                      | 0   | 12,032   | 26  | 0                          | 6,140  |
| 4th quarter | 700      | 277   | 0                          | 0  | 18,791   | 485   | 5,863                      | 0   | 10,869   | 114 | 0                          | 4,880  |
| Total 1988  | 3,128    | 1,731 | 0                          | 8  | 73,372   | 1,394 | 23,663                     | 26  | 50,619   | 225 | 0                          | 24,912 |
| 1989:       |          |       |                            |    |          |       |                            |     |          |     |                            |        |
| 1st quarter | 590      | 310   | 0                          | 0  | 14,674   | 212   | 7,478                      | 0   | 13,145   | 48  | 0                          | 5,834  |
| 2nd quarter | 703      | 229   | 0                          | 0  | 13,553   | 274   | 7,176                      | 0   | 12,880   | 24  | 0                          | 5,355  |
| 3rd quarter | 978      | 385   | 0                          | 0  | 11,430   | 10    | 6,052                      | 0   | 10,245   | 42  | 0                          | 5,254  |
| 4th quarter | 1,049    | 489   | 0                          | 0  | 10,302   | 40    | 5,613                      | 0   | 10,737   | 13  | 0                          | 5,372  |
| Total 1989  | 3,318    | 1,413 | 0                          | 0  | 49,957   | 536   | 26,315                     | 0   | 47,007   | 128 | 0                          | 21,818 |

Table 27.--Value U.S. hardwood lumber imports, by region and species, 1978-89 (cont'd)  
(In thousands of dollars)

| Year        | South America |          |          |       | All other  |          |          |       | Total*     |          |          |        |
|-------------|---------------|----------|----------|-------|------------|----------|----------|-------|------------|----------|----------|--------|
|             | Philippine    |          | Birch/   |       | Philippine |          | Birch/   |       | Philippine |          | Birch/   |        |
|             | Total         | Mahogany | mahogany | maple | Total      | Mahogany | mahogany | maple | Total      | Mahogany | mahogany | maple  |
| 1978        | 43,350        | 13,504   | 1        | 2     | 1,837      | 0        | 0        | 20    | 140,798    | 14,921   | 26,301   | 27,958 |
| 1979        | 48,557        | 14,056   | 16       | 7     | 1,593      | 14       | 0        | 49    | 186,063    | 15,291   | 34,623   | 25,370 |
| 1980        | 65,822        | 29,454   | 25       | 0     | 1,940      | 118      | 14       | 27    | 153,979    | 30,336   | 31,113   | 22,325 |
| 1981        | 71,745        | 37,598   | 0        | 4     | 1,913      | 6        | 0        | 42    | 164,718    | 38,316   | 28,632   | 19,067 |
| 1982        | 41,882        | 22,697   | 140      | 0     | 1,620      | 14       | 17       | 70    | 104,508    | 23,199   | 12,252   | 13,992 |
| 1983        | 57,319        | 32,717   | 599      | 0     | 2,434      | 98       | 5        | 37    | 139,310    | 33,251   | 25,008   | 13,650 |
| 1984        | 64,260        | 37,334   | 39       | 14    | 3,803      | 402      | 3        | 22    | 163,882    | 38,635   | 27,229   | 14,171 |
| 1985        | 63,057        | 38,346   | 205      | 17    | 6,017      | 1,598    | 0        | 472   | 175,775    | 41,032   | 25,987   | 14,230 |
| 1986        | 55,433        | 32,062   | 0        | 13    | 3,770      | 388      | 0        | 127   | 150,375    | 34,350   | 19,871   | 16,532 |
| 1987        | 117,915       | 87,302   | 233      | 1     | 5,117      | 490      | 25       | 92    | 256,270    | 93,062   | 29,080   | 22,342 |
| 1988:       |               |          |          |       |            |          |          |       |            |          |          |        |
| 1st quarter | 31,504        | 23,841   | 78       | 0     | 847        | 129      | 0        | 31    | 64,389     | 25,122   | 5,955    | 7,433  |
| 2nd quarter | 13,550        | 7,283    | 0        | 50    | 812        | 57       | 0        | 12    | 45,468     | 8,051    | 4,906    | 6,586  |
| 3rd quarter | 16,887        | 10,643   | 0        | 0     | 644        | 18       | 0        | 71    | 51,146     | 11,272   | 7,017    | 6,211  |
| 4th quarter | 16,830        | 10,092   | 0        | 0     | 590        | 47       | 0        | 30    | 47,780     | 11,015   | 5,863    | 4,910  |
| Total 1988  | 78,771        | 51,859   | 78       | 50    | 2,893      | 251      | 0        | 144   | 208,783    | 55,460   | 23,741   | 25,140 |
| 1989:       |               |          |          |       |            |          |          |       |            |          |          |        |
| 1st quarter | 21,284r       | 12,309   | 0        | 0     | 448        | 3        | 0        | 59    | 50,141     | 12,882   | 7,478    | 5,893  |
| 2nd quarter | 14,979        | 9,868    | 706      | 1     | 591        | 88       | 0        | 18    | 42,709     | 10,483   | 7,882    | 5,374  |
| 3rd quarter | 17,187        | 9,610    | 1,863    | 0     | 410        | 3        | 0        | 62    | 40,245     | 10,050   | 7,913    | 5,315  |
| 4th quarter | 19,668        | 12,365   | 1,691    | 0     | 762        | 30       | 0        | 34    | 42,513     | 12,935   | 7,302    | 5,408  |
| Total 1989  | 73,117        | 44,153   | 4,260    | 1     | 2,211      | 123      | 0        | 172   | 175,608    | 46,351   | 30,575   | 21,993 |

\* - Totals may not reflect sums due to rounding.

r - revised figure.

Source: U.S. Department of Commerce, Bureau of the Census.

Table 29.---Value of U.S. hardwood plywood imports, by region and species, 1978-89  
(In thousands of dollars)

| Year        | Indonesia |       |                     | Taiwan  |        |                     | Philippines |       |                     | Other Asia |        |                     |
|-------------|-----------|-------|---------------------|---------|--------|---------------------|-------------|-------|---------------------|------------|--------|---------------------|
|             | Total     | Birch | Philippine mahogany | Total   | Birch  | Philippine mahogany | Total       | Birch | Philippine mahogany | Total      | Birch  | Philippine mahogany |
| 1978        | 0         | 0     | 0                   | 170,097 | 15,535 | 70,096              | 33,926      | 7     | 31,386              | 326,457    | 30,288 | 80,982              |
| 1979        | 901       | 0     | 0                   | 206,057 | 25,308 | 84,946              | 54,176      | 41    | 48,789              | 315,331    | 24,380 | 68,227              |
| 1980        | 5,240     | 0     | 90                  | 136,434 | 22,910 | 56,772              | 38,138      | 0     | 32,947              | 200,449    | 20,441 | 57,540              |
| 1981        | 20,852    | 0     | 11,076              | 163,116 | 25,566 | 83,623              | 65,940      | 133   | 59,294              | 195,564    | 17,697 | 84,766              |
| 1982        | 53,146    | 0     | 47,597              | 122,353 | 25,044 | 64,482              | 27,023      | 46    | 25,041              | 115,870    | 14,184 | 45,863              |
| 1983        | 163,588   | 0     | 158,305             | 164,487 | 34,803 | 82,553              | 27,285      | 81    | 25,386              | 82,176     | 16,757 | 22,008              |
| 1984        | 174,145   | 0     | 171,037             | 155,521 | 41,374 | 54,169              | 14,640      | 58    | 13,435              | 58,731     | 16,466 | 4,879               |
| 1985        | 232,561   | 0     | 227,448             | 124,796 | 36,567 | 35,500              | 27,699      | 92    | 26,549              | 46,243     | 16,603 | 1,472               |
| 1986        | 290,767   | 0     | 281,222             | 126,834 | 45,141 | 24,734              | 16,689      | 5     | 15,948              | 40,017     | 14,005 | 3,277               |
| 1987        | 371,956   | 107   | 353,182             | 140,237 | 45,527 | 31,046              | 19,178      | 0     | 18,781              | 36,698     | 12,272 | 5,615               |
| 1988:       |           |       |                     |         |        |                     |             |       |                     |            |        |                     |
| 1st quarter | 84,285    | 0     | 79,668              | 28,949  | 7,203  | 5,311               | 4,451       | 35    | 4,276               | 6,439      | 1,110  | 2,823               |
| 2nd quarter | 94,194    | 0     | 86,473              | 26,206  | 8,816  | 3,887               | 2,146       | 0     | 2,068               | 4,756      | 989    | 1,863               |
| 3rd quarter | 87,199    | 0     | 83,441              | 37,618  | 17,795 | 3,378               | 1,963       | 0     | 1,925               | 5,132      | 1,109  | 1,420               |
| 4th quarter | 86,898    | 0     | 80,912              | 31,267  | 12,324 | 3,577               | 1,029       | 0     | 896                 | 4,932      | 1,214  | 1,243               |
| Total 1988  | 352,576   | 0     | 330,494             | 124,040 | 46,138 | 16,153              | 9,589       | 35    | 9,165               | 21,259     | 4,422  | 7,349               |
| 1989:       |           |       |                     |         |        |                     |             |       |                     |            |        |                     |
| 1st quarter | 75,836    | 0     | NA                  | 23,087  | 8,827  | NA                  | 1,044       | 139   | NA                  | 3,279      | 1,226  | NA                  |
| 2nd quarter | 74,625    | 0     | NA                  | 31,696  | 13,220 | NA                  | 1,217       | 0     | NA                  | 6,068      | 1,945  | NA                  |
| 3rd quarter | 103,044   | 0     | NA                  | 28,636  | 12,270 | NA                  | 933         | 196   | NA                  | 6,149      | 2,157  | NA                  |
| 4th quarter | 84,174    | 0     | NA                  | 21,097  | 6,692  | NA                  | 713         | 0     | NA                  | 5,466      | 1,641  | NA                  |
| Total 1989  | 337,679   | 0     | NA                  | 104,515 | 41,011 | NA                  | 3,907       | 335   | NA                  | 20,960     | 6,968  | NA                  |

Table 29.--Value of U.S. hardwood plywood imports, by region and species, 1978-89 (cont'd)  
(In thousands of dollars)

| Year        | Canada     |          |       | South America |          |       | All other  |          |       | Total*  |                     |         |
|-------------|------------|----------|-------|---------------|----------|-------|------------|----------|-------|---------|---------------------|---------|
|             | Philippine |          | Total | Philippine    |          | Total | Philippine |          | Total | Birch   | Philippine mahogany |         |
|             | Birch      | mahogany |       | Birch         | mahogany |       | Birch      | mahogany |       |         |                     |         |
| 1978        | 15,242     | 13,278   | 4     | 5,182         | 0        | 5     | 13,085     | 11,788   | 0     | 563,989 | 70,896              | 182,473 |
| 1979        | 19,544     | 16,406   | 0     | 7,923         | 0        | 0     | 12,938     | 11,460   | 11    | 616,870 | 77,595              | 201,973 |
| 1980        | 17,931     | 14,750   | 19    | 10,920        | 0        | 0     | 16,105     | 14,646   | 0     | 425,217 | 72,747              | 147,368 |
| 1981        | 17,325     | 12,613   | 2     | 11,759        | 0        | 0     | 16,758     | 15,903   | 0     | 491,314 | 71,912              | 238,761 |
| 1982        | 14,860     | 11,397   | 1     | 7,751         | 39       | 0     | 11,080     | 9,766    | 0     | 352,083 | 60,476              | 182,984 |
| 1983        | 16,937     | 9,952    | 0     | 11,967        | 38       | 0     | 14,260     | 12,697   | 0     | 480,700 | 74,328              | 288,252 |
| 1984        | 23,600     | 14,518   | 2     | 16,017        | 1,265    | 0     | 16,737     | 14,551   | 0     | 459,391 | 88,232              | 243,522 |
| 1985        | 21,851     | 13,240   | 13    | 17,341        | 440      | 0     | 18,616     | 15,922   | 81    | 489,107 | 82,864              | 291,063 |
| 1986        | 17,989     | 8,691    | 0     | 17,710        | 307      | 0     | 21,195     | 16,222   | 0     | 531,201 | 84,371              | 325,181 |
| 1987        | 28,743     | 16,860   | 0     | 26,436        | 245      | 50    | 22,949     | 17,561   | 25    | 646,197 | 92,572              | 408,699 |
| 1988:       |            |          |       |               |          |       |            |          |       |         |                     |         |
| 1st quarter | 7,886      | 5,344    | 0     | 6,804         | 0        | 46    | 4,290      | 3,642    | 0     | 143,104 | 17,334              | 92,124  |
| 2nd quarter | 7,839      | 4,972    | 0     | 7,237         | 21       | 0     | 4,015      | 3,313    | 0     | 146,393 | 18,111              | 94,291  |
| 3rd quarter | 7,169      | 4,620    | 0     | 8,050         | 0        | 0     | 3,344      | 2,737    | 0     | 150,475 | 26,261              | 90,164  |
| 4th quarter | 6,427      | 4,089    | 0     | 5,144         | 0        | 0     | 4,415      | 3,633    | 0     | 140,112 | 21,260              | 86,628  |
| Total 1988  | 29,321     | 19,025   | 0     | 27,235        | 21       | 46    | 16,064     | 13,325   | 0     | 580,084 | 82,966              | 363,207 |
| 1989:       |            |          |       |               |          |       |            |          |       |         |                     |         |
| 1st quarter | 9,200      | 5,700    | NA    | 8,274         | 0        | NA    | 4,704      | 3,568    | NA    | 125,424 | 19,460              | NA      |
| 2nd quarter | 10,041     | 6,177    | NA    | 8,069         | 0        | NA    | 5,936      | 4,261    | NA    | 137,652 | 25,603              | NA      |
| 3rd quarter | 8,133      | 4,942    | NA    | 6,833         | 0        | NA    | 4,303      | 3,025    | NA    | 158,028 | 22,593              | NA      |
| 4th quarter | 7,975      | 4,869    | NA    | 6,756         | 0        | NA    | 4,455      | 3,061    | NA    | 130,636 | 16,263              | NA      |
| Total 1989  | 35,349     | 21,689   | NA    | 29,929        | 0        | NA    | 19,390     | 13,909   | NA    | 551,740 | 83,918              | NA      |

\* - Totals may not reflect sums due to rounding.

NA - Not available.

Source: U.S. Department of Commerce, Bureau of the Census.

ERRATA SHEET--GTR-NE-134

Page 3.--Footnote 1 should read:

<sup>1</sup>DeHayes, D. H.; Waite, C. E.; Ingle, M. A. **Storage temperature and duration influence cold tolerance of red spruce foliage.** Submitted to Forest Science.

Page 6.--The fifth entry under References should read:

DeHayes, D. H.; Waite, C. E.; Ingle, M. A.; Williams, N. W. [in press]. **Winter injury susceptibility and cold tolerance of current and year-old needles of red spruce trees from several provenances.** Forest Science.