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# Timber Volume in Indiana, 1986

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**ABSTRACT.**—Presents statistics on Indiana's growing-stock and sawtimber volumes by county for 1986. Includes map showing growing-stock volume distribution by county.

**KEY WORDS:** Growing stock, sawtimber, species, counties.

Indiana's 4.3 million acres of timberland<sup>1</sup> supported 5.2 billion cubic feet of growing-stock volume<sup>2</sup> in 1986. During the 19 years (1967-1986) between inventories conducted by the USDA Forest Service, volume of growing stock on timberland increased by 43 percent (1.6 billion cubic feet), while acres of timberland increased by only 10 percent. The average growing-stock volume per acre increased from 938 cubic feet in 1967 to 1,215 cubic feet in 1986.

The State's growing stock is mostly in hardwood species. Softwoods as a group accounted for only 4 percent of the growing-stock volume in 1986. Although modest on a Statewide basis, softwood growing stock increased significantly between inventories:

<sup>1</sup>Forest land producing or capable of producing crops of individual wood and not withdrawn from timber utilization.

<sup>2</sup>Net volume in cubic feet of growing-stock trees 5 inches d.b.h. and larger from stump to a variable 4-inch top diameter.

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| Species   | Growing-stock volume  |           | Change since 1967 |
|-----------|-----------------------|-----------|-------------------|
|           | 1967 <sup>3</sup>     | 1986      |                   |
|           | (Thousand cubic feet) |           | (Percent)         |
| Softwoods | 83,142                | 201,262   | 142               |
| Hardwoods | 3,570,432             | 5,016,592 | 41                |
| Total     | 3,653,574             | 5,217,854 | 43                |

Much of Indiana's timber volume is in two major species groups—oaks and hickories (table 1). Thirty percent of the State's growing-stock volume is in oak species. An additional 11 percent of the State's growing stock is in hickory species. Although the oak and hickory species comprise 41 percent of Indiana's growing-stock volume, they increased only modestly in volume during the 19 years between inventories. And, in the case of the species group identified as other white oaks, volume declined by 11 percent. It should be noted that many species in this group are, from a commercial standpoint, lower in quality and in value than the select white oaks. If all white oak species are grouped together, the "white oak group" experienced a 7.7 percent increase in volume. Other hardwood species increased greatly in growing-stock volume between inventories. The following tabulation compares hardwood growing-stock volume by species for both inventories:

<sup>3</sup>Figures have been adjusted from those published after the 1967 inventory to conform to 1986 volumes because of changes in inventory procedures and definitions.

| Hardwood species group | Inventory year        |           | Change since 1967 |
|------------------------|-----------------------|-----------|-------------------|
|                        | 1967 <sup>3</sup>     | 1986      |                   |
|                        | (Thousand cubic feet) |           | (Percent)         |
| Select white oak       | 598,374               | 670,710   | 12                |
| Other white oak        | 138,817               | 123,634   | -11               |
| Select red oak         | 265,208               | 291,878   | 10                |
| Other red oak          | 442,432               | 497,322   | 12                |
| Select hickory         | 234,007               | 274,705   | 17                |
| Other hickory          | 247,510               | 299,253   | 21                |
| Hard maple             | 274,830               | 454,732   | 65                |
| Soft maple             | 120,640               | 243,760   | 102               |
| Ash                    | 196,646               | 359,677   | 83                |
| Black walnut           | 83,589                | 127,229   | 52                |
| Yellow-poplar          | 187,961               | 432,602   | 130               |
| Other hardwoods        | 780,418               | 1,241,090 | 59                |
| Total                  | 3,570,432             | 5,016,592 |                   |

In Indiana, the Doyle log rule has long been used by those involved in buying and selling logs. For national inventory purposes, the International ¼-inch log rule is used. Therefore, to permit regional comparison and to allow for local usage of data, sawtimber volume by species group and county are presented in table 2 using the International ¼-inch rule and in table 3 using the locally applied Doyle rule. The sawtimer volumes presented in the text are International ¼-inch rule measurements.

The growing-stock volume of 5.2 million cubic feet also contains 19.2 billion board feet in sawtimber trees<sup>4</sup>. On a Statewide basis, total sawtimber volume increased by 54 percent between inventories. The average sawtimber volume per acre increased from 3,212 board feet in 1967 to 4,475 board feet in 1986. Sawtimber volume of some species groups increased greatly between inventories. As shown in the following tabulation, the sawtimber volumes for yellow-poplar, ash, and soft maple more than doubled between inventories:

| Species group        | Sawtimber volume      |            | Change since 1967 |
|----------------------|-----------------------|------------|-------------------|
|                      | 1967 <sup>3</sup>     | 1986       |                   |
|                      | (Thousand cubic feet) |            | (Percent)         |
| Softwoods (combined) | 210,660               | 616,513    | 193               |
| Select white oak     | 2,255,688             | 2,875,793  | 27                |
| Other white oak      | 514,562               | 533,134    | 4                 |
| Select red oak       | 1,088,064             | 1,316,182  | 21                |
| Other red oak        | 1,800,589             | 2,163,418  | 20                |
| Select hickory       | 699,687               | 939,742    | 34                |
| Other hickory        | 716,406               | 1,003,171  | 40                |
| Hard maple           | 805,803               | 1,413,239  | 75                |
| Soft maple           | 395,028               | 809,358    | 105               |
| Ash                  | 544,904               | 1,174,946  | 116               |
| Black walnut         | 242,027               | 427,405    | 77                |
| Yellow-poplar        | 724,174               | 1,840,013  | 154               |
| Other hardwoods      | 2,517,231             | 4,111,293  | 63                |
| Total                | 12,514,823            | 19,224,207 | 54                |

Growing-stock volume is largely concentrated in the southern part of the State (fig. 1). The Knobs Unit in south-central Indiana contains 18 percent of the State's land area, but 45 percent of the State's growing-stock volume and 45 percent of the sawtimber volume. Perry County, in the Knobs Unit, has the most growing-stock and sawtimber volume of any county in the State (tables 2 and 3).

The south-central and southwestern parts of Indiana—the Knobs and Lower Wabash Units—contain two-thirds of the State's growing-stock volume. Although timber volume is concentrated in this area of the State, it has been increasing in much of the rest of Indiana. Between inventories, growing-stock volume in the Northern and Upland Flats Units, combined, increased by 63 percent (57 and 79 percent, respectively). At the same time, growing-stock volume in the Knobs and Lower Wabash Units, combined, increased by 34 percent (33 and 37 percent, respectively).

Statistics presented in this note are from a Statewide inventory conducted in 1985 and 1986 by the Forest Inventory and Analysis Project, North Central Forest Experiment Station, USDA Forest Service, in cooperation with the Indiana Department of Natural Resources. Funding provided by the Indiana State Legislature through the Forestry Division, Department of Natural Resources, increased the accuracy of the inventory.

Sampling error is estimated to be  $\pm 1.57$  percent for the total growing-stock volume in Indiana of 5.2 billion cubic feet. Sawtimber sampling error is estimated to be  $\pm 1.86$  percent for the State total of 19.2 billion board feet.

<sup>4</sup>Net volume of the saw log portion of live sawtimber trees (softwood 9 inches d.b.h. or larger and hardwood 11 inches and larger) from the stump to a point in the central stem at which utilization for sawn products is limited by large branches, forks, or other defects or by a top diameter outside bark of 7 inches for softwoods and 9 inches for hardwoods.



Table 1.--Net volume of growing stock on timberlands of species group and county, Indiana, 1966

(In thousands cubic feet)

| Survey Unit and County       | all species | Species group    |                 |                |               |                |               |            |        |              |                 |
|------------------------------|-------------|------------------|-----------------|----------------|---------------|----------------|---------------|------------|--------|--------------|-----------------|
|                              |             | Select white oak | Other white oak | Select red oak | Other red oak | Select hickory | Other hickory | Soft maple | Aspen  | Black walnut | Other hardwoods |
| Lower Wabash Unit            |             |                  |                 |                |               |                |               |            |        |              |                 |
| Clay                         | 54,350      | 5,737            | 83              | 2,736          | 4,366         | 3,675          | 3,675         | 3,614      | 3,163  | 3,576        | 14,076          |
| Daviess                      | 51,379      | 5,479            | 159             | 2,919          | 5,360         | 2,919          | 3,322         | 2,999      | 4,154  | 3,097        | 12,568          |
| Gibson                       | 49,066      | 4,821            | 114             | 2,459          | 5,262         | 2,919          | 3,376         | 2,465      | 3,674  | 3,097        | 12,765          |
| Greene                       | 124,689     | 13,175           | 322             | 6,456          | 14,003        | 7,090          | 7,067         | 6,614      | 9,423  | 7,964        | 31,164          |
| Knox                         | 34,426      | 3,790            | 12              | 1,960          | 2,413         | 2,574          | 2,524         | 2,363      | 2,172  | 2,643        | 8,025           |
| Martin                       | 192,406     | 24,081           | 524             | 10,401         | 22,014        | 11,335         | 13,745        | 13,659     | 12,151 | 10,656       | 39,699          |
| Parke                        | 113,972     | 10,556           | 294             | 5,252          | 11,320        | 7,091          | 6,396         | 5,477      | 5,603  | 5,524        | 31,081          |
| Pike                         | 106,030     | 10,742           | 315             | 5,121          | 11,436        | 6,143          | 5,417         | 5,560      | 3,297  | 6,498        | 27,896          |
| Posey                        | 50,763      | 1,254            | 156             | 3,347          | 5,291         | 3,989          | 4,174         | 3,969      | 4,445  | 3,742        | 14,389          |
| Putnam                       | 92,832      | 11,629           | 13              | 5,483          | 6,752         | 8,060          | 7,778         | 4,247      | 4,736  | 7,566        | 25,145          |
| Sullivan                     | 81,544      | 6,799            | 246             | 4,321          | 9,024         | 4,604          | 5,079         | 4,505      | 6,526  | 4,449        | 20,677          |
| Vanderburgh                  | 29,304      | 3,059            | 19              | 1,549          | 2,567         | 2,105          | 2,103         | 1,766      | 1,851  | 2,224        | 7,521           |
| Vermillion                   | 41,656      | 5,050            | 84              | 2,375          | 4,345         | 2,611          | 2,709         | 2,769      | 3,047  | 3,015        | 9,808           |
| Vigo                         | 52,801      | 6,072            | 143             | 2,913          | 6,234         | 3,462          | 4,521         | 3,129      | 4,413  | 3,420        | 15,433          |
| Total                        | 1,087,241   | 124,226          | 2,475           | 57,032         | 112,967       | 65,745         | 73,364        | 67,526     | 77,376 | 69,937       | 271,990         |
| Knoxs Unit                   |             |                  |                 |                |               |                |               |            |        |              |                 |
| Brown                        | 190,259     | 31,402           | 10,480          | 10,251         | 21,953        | 8,224          | 11,260        | 18,388     | 5,434  | 7,467        | 34,052          |
| Clark                        | 112,526     | 16,364           | 5,127           | 5,861          | 12,736        | 4,727          | 6,303         | 10,567     | 3,422  | 4,771        | 18,014          |
| Crawford                     | 157,423     | 26,095           | 8,272           | 4,990          | 17,444        | 6,742          | 9,501         | 15,366     | 4,286  | 7,000        | 21,706          |
| DeWitt                       | 124,001     | 17,442           | 5,734           | 6,350          | 13,750        | 5,642          | 7,661         | 13,564     | 4,270  | 4,444        | 24,132          |
| Floyd                        | 47,433      | 5,607            | 1,830           | 2,014          | 4,825         | 2,546          | 3,216         | 5,566      | 1,582  | 1,445        | 9,109           |
| Harrison                     | 175,761     | 26,044           | 8,204           | 8,594          | 13,566        | 7,299          | 9,316         | 15,563     | 5,773  | 4,943        | 34,724          |
| Jackson                      | 159,454     | 25,416           | 9,230           | 8,294          | 16,160        | 6,514          | 9,134         | 13,254     | 5,105  | 4,036        | 29,434          |
| Lawrence                     | 180,706     | 31,303           | 9,944           | 10,129         | 23,084        | 8,160          | 11,673        | 13,345     | 5,343  | 7,238        | 32,533          |
| Monroe                       | 165,021     | 25,237           | 8,392           | 4,698          | 12,322        | 7,415          | 10,365        | 17,316     | 5,435  | 6,669        | 31,621          |
| Morgan                       | 109,257     | 16,560           | 5,197           | 6,081          | 11,864        | 4,811          | 5,912         | 10,090     | 3,442  | 5,524        | 21,539          |
| Orange                       | 176,616     | 29,445           | 9,574           | 9,936          | 13,297        | 7,493          | 9,966         | 15,495     | 4,931  | 2,603        | 41,461          |
| Owen                         | 140,177     | 16,270           | 5,284           | 5,933          | 14,971        | 7,092          | 9,224         | 16,171     | 5,107  | 6,445        | 30,203          |
| Perry                        | 213,369     | 36,183           | 13,199          | 11,543         | 24,528        | 9,102          | 12,809        | 17,982     | 4,982  | 9,153        | 33,581          |
| Scott                        | 95,632      | 8,568            | 2,602           | 3,002          | 5,943         | 2,374          | 3,017         | 5,247      | 1,880  | 2,902        | 15,943          |
| Spencer                      | 78,856      | 11,278           | 3,673           | 4,175          | 8,292         | 3,315          | 4,338         | 7,164      | 2,693  | 3,727        | 15,462          |
| Warrick                      | 95,835      | 17,871           | 2,903           | 4,523          | 9,559         | 3,438          | 4,756         | 6,363      | 3,561  | 5,479        | 20,118          |
| Washington                   | 159,616     | 17,575           | 5,761           | 6,373          | 16,952        | 3,392          | 10,687        | 13,177     | 5,199  | 7,276        | 33,901          |
| Total                        | 2,341,744   | 353,641          | 116,406         | 121,917        | 255,746       | 103,846        | 139,132       | 226,579    | 73,880 | 106,924      | 444,863         |
| Upland Flats Unit            |             |                  |                 |                |               |                |               |            |        |              |                 |
| Dearborn                     | 66,497      | 9,761            | 211             | 5,476          | 6,290         | 4,112          | 5,642         | 5,951      | 4,336  | 3,149        | 21,222          |
| Fayette                      | 25,322      | 2,192            | 11              | 1,006          | 1,449         | 1,169          | 2,267         | 2,031      | 504    | 1,527        | 6,545           |
| Franklin                     | 61,558      | 5,605            | 15              | 2,779          | 4,260         | 2,757          | 5,279         | 5,400      | 1,977  | 7,718        | 16,514          |
| Jefferson                    | 65,451      | 10,503           | 66              | 4,747          | 3,972         | 3,028          | 4,081         | 4,956      | 2,563  | 2,715        | 26,223          |
| Jennings                     | 62,635      | 9,062            | 261             | 5,646          | 6,137         | 3,756          | 5,768         | 6,624      | 3,654  | 4,693        | 21,520          |
| Ohio                         | 25,277      | 2,835            | 93              | 1,516          | 1,911         | 1,196          | 1,763         | 2,060      | 1,155  | 2,466        | 729             |
| Ripley                       | 76,125      | 9,562            | 24              | 4,145          | 3,532         | 2,727          | 3,973         | 4,672      | 1,688  | 2,715        | 16,514          |
| Switzerland                  | 90,266      | 13,314           | 256             | 6,582          | 5,494         | 4,072          | 4,780         | 9,419      | 4,911  | 7,166        | 20,290          |
| Union                        | 15,855      | 1,331            | 13              | 738            | 1,115         | 709            | 2,282         | 1,311      | 411    | 1,502        | 4,416           |
| Total                        | 549,214     | 94,215           | 830             | 32,119         | 34,480        | 21,526         | 35,055        | 51,424     | 20,301 | 34,059       | 139,505         |
| Total continued on next page |             |                  |                 |                |               |                |               |            |        |              |                 |

(Table 1 continued on next page)

(Table 1 continued)

| Survey Unit<br>and County | Species group  |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |           |
|---------------------------|----------------|------------------------|-----------------------|----------------------|---------------------|-------------------|------------------|---------------|---------------|---------|-----------------|-------------------|--------------------|-----------|
|                           | All<br>species | Select<br>white<br>oak | Other<br>white<br>oak | Select<br>red<br>oak | Other<br>red<br>oak | Select<br>hickory | Other<br>hickory | Hard<br>maple | Soft<br>maple | Asn     | Black<br>walnut | Yellow-<br>poplar | Other<br>hardwoods | Softwoods |
| Northern Unit             |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |           |
| Adams                     | 16,408         | 1,669                  | 62                    | 1,069                | 1,328               | 985               | 690              | 1,449         | 931           | 1,588   | 573             | 911               | 5,076              | 257       |
| Allen                     | 26,954         | 2,419                  | 23                    | 1,535                | 1,782               | 1,954             | 995              | 2,023         | 1,533         | 3,291   | 1,303           | 597               | 8,566              | 623       |
| Bartolomeo                | 53,422         | 5,664                  | 222                   | 3,630                | 4,336               | 3,146             | 2,250            | 5,186         | 2,171         | 5,612   | 1,976           | 2,009             | 15,382             | 538       |
| Benton                    | 1,938          | 188                    | 7                     | 117                  | 129                 | 113               | 96               | 177           | 14            | 202     | 74              | 70                | 629                | 33        |
| Blackford                 | 12,009         | 1,309                  | 60                    | 817                  | 970                 | 643               | 517              | 1,397         | 635           | 1,237   | 423             | 496               | 4,525              | 78        |
| Boone                     | 17,396         | 1,843                  | 74                    | 1,126                | 1,341               | 1,455             | 792              | 1,456         | 792           | 1,970   | 701             | 116               | 5,206              | 116       |
| Carroll                   | 21,031         | 2,147                  | 81                    | 1,372                | 1,607               | 1,297             | 876              | 2,129         | 1,077         | 2,211   | 766             | 776               | 6,405              | 267       |
| Cass                      | 26,154         | 2,436                  | 68                    | 1,735                | 2,095               | 1,658             | 1,082            | 1,907         | 1,608         | 2,573   | 242             | 582               | 6,944              | 694       |
| Clinton                   | 11,342         | 1,307                  | 49                    | 802                  | 892                 | 627               | 513              | 1,277         | 482           | 1,205   | 465             | 419               | 3,238              | 61        |
| Decatur                   | 30,582         | 3,455                  | 138                   | 2,119                | 2,406               | 1,782             | 1,356            | 3,206         | 1,415         | 3,226   | 1,162           | 1,190             | 8,893              | 235       |
| De Kalb                   | 29,326         | 2,723                  | 73                    | 1,889                | 2,200               | 1,897             | 1,227            | 2,008         | 2,030         | 2,833   | 894             | 1,008             | 9,683              | 861       |
| Delaware                  | 16,516         | 1,583                  | 35                    | 1,007                | 1,297               | 1,165             | 674              | 1,271         | 949           | 1,821   | 655             | 502               | 5,360              | 385       |
| Elkhardt                  | 30,309         | 2,896                  | 91                    | 1,982                | 2,531               | 1,871             | 1,221            | 2,406         | 1,472         | 3,105   | 1,024           | 1,029             | 5,625              | 637       |
| Fountain                  | 41,490         | 3,975                  | 122                   | 2,724                | 3,161               | 2,617             | 1,746            | 3,120         | 2,748         | 4,022   | 1,276           | 1,497             | 13,377             | 1,060     |
| Fulton                    | 22,328         | 2,147                  | 63                    | 1,451                | 1,715               | 1,396             | 922              | 1,730         | 1,417         | 2,262   | 771             | 762               | 7,183              | 589       |
| Grant                     | 22,802         | 2,442                  | 92                    | 1,581                | 1,646               | 1,415             | 1,005            | 2,193         | 1,159         | 2,340   | 759             | 697               | 5,910              | 343       |
| Hamilton                  | 21,539         | 2,070                  | 62                    | 1,381                | 1,527               | 1,450             | 699              | 1,676         | 1,316         | 2,214   | 708             | 748               | 5,858              | 536       |
| Hancock                   | 12,714         | 1,181                  | 30                    | 807                  | 880                 | 584               | 541              | 974           | 820           | 1,253   | 400             | 439               | 4,191              | 366       |
| Hendricks                 | 19,187         | 1,922                  | 69                    | 1,278                | 1,571               | 1,118             | 720              | 1,683         | 1,060         | 2,039   | 747             | 658               | 5,849              | 210       |
| Henry                     | 22,631         | 2,224                  | 75                    | 1,474                | 1,686               | 1,442             | 941              | 2,132         | 1,304         | 2,214   | 803             | 792               | 7,014              | 402       |
| Howard                    | 8,030          | 782                    | 9                     | 425                  | 421                 | 625               | 299              | 723           | 298           | 1,077   | 456             | 174               | 2,623              | 116       |
| Huntington                | 23,195         | 2,192                  | 36                    | 1,475                | 1,528               | 1,703             | 949              | 1,596         | 1,439         | 2,649   | 822             | 654               | 7,507              | 643       |
| Jasper                    | 28,446         | 2,752                  | 87                    | 1,876                | 2,355               | 1,754             | 1,152            | 2,325         | 1,745         | 2,983   | 1,032           | 945               | 6,915              | 525       |
| Jay                       | 30,777         | 3,396                  | 150                   | 2,125                | 2,544               | 1,697             | 1,332            | 3,296         | 1,502         | 3,173   | 1,113           | 1,251             | 8,014              | 184       |
| Johnson                   | 24,206         | 2,504                  | 112                   | 1,623                | 1,902               | 1,407             | 1,021            | 2,736         | 1,157         | 2,548   | 900             | 949               | 7,111              | 156       |
| Kosciusko                 | 41,899         | 4,539                  | 193                   | 2,863                | 3,424               | 2,361             | 1,793            | 4,414         | 2,099         | 4,326   | 1,508           | 1,688             | 12,373             | 310       |
| La Grange                 | 34,854         | 3,251                  | 93                    | 2,234                | 2,718               | 2,192             | 1,423            | 2,703         | 2,347         | 3,494   | 1,166           | 1,126             | 11,335             | 772       |
| Lake                      | 20,362         | 2,018                  | 68                    | 1,339                | 1,542               | 1,317             | 867              | 1,727         | 1,226         | 2,073   | 681             | 741               | 6,349              | 414       |
| La Porte                  | 44,163         | 4,366                  | 154                   | 2,941                | 3,754               | 2,691             | 1,804            | 3,719         | 2,063         | 4,576   | 1,525           | 1,552             | 14,676             | 738       |
| Madison                   | 15,891         | 1,691                  | 61                    | 1,079                | 1,235               | 944               | 693              | 1,526         | 832           | 1,953   | 594             | 569               | 4,757              | 207       |
| Marion                    | 466            | 14                     | --                    | 23                   | 5                   | 27                | 14               | 184           | --            | 51      | 30              | --                | 116                | --        |
| Marshall                  | 32,896         | 3,141                  | 98                    | 2,200                | 2,739               | 1,922             | 1,334            | 2,602         | 2,182         | 3,296   | 1,144           | 1,104             | 10,472             | 556       |
| Miami                     | 32,495         | 3,479                  | 147                   | 2,179                | 2,536               | 1,934             | 1,400            | 3,369         | 1,651         | 3,336   | 1,125           | 1,319             | 9,729              | 349       |
| Montgomery                | 25,962         | 2,434                  | 47                    | 1,552                | 1,567               | 1,919             | 1,081            | 1,899         | 1,522         | 2,756   | 433             | 832               | 4,614              | 806       |
| Newton                    | 22,640         | 2,325                  | 43                    | 1,471                | 1,618               | 1,486             | 992              | 1,938         | 1,269         | 2,283   | 723             | 693               | 7,080              | 474       |
| Noble                     | 31,525         | 3,162                  | 70                    | 2,030                | 2,346               | 2,306             | 1,361            | 2,443         | 2,088         | 3,567   | 1,244           | 1,044             | 10,944             | 860       |
| Porter                    | 31,638         | 2,988                  | 86                    | 2,044                | 2,322               | 2,145             | 1,322            | 2,566         | 2,033         | 3,223   | 1,022           | 1,070             | 9,991              | 786       |
| Pulaski                   | 29,437         | 2,831                  | 82                    | 1,906                | 2,253               | 1,592             | 1,217            | 2,272         | 1,438         | 3,008   | 1,005           | 1,010             | 9,478              | 705       |
| Randolph                  | 25,180         | 2,911                  | 114                   | 1,789                | 1,995               | 1,413             | 1,143            | 2,789         | 1,103         | 2,633   | 973             | 971               | 7,172              | 163       |
| Rush                      | 11,146         | 992                    | 10                    | 631                  | 666                 | 415               | 419              | 994           | 552           | 1,340   | 546             | 290               | 3,542              | 249       |
| St. Joseph                | 22,949         | 2,153                  | 62                    | 1,496                | 1,862               | 1,470             | 932              | 1,581         | 1,486         | 2,339   | 762             | 760               | 7,392              | 564       |
| Shelby                    | 15,851         | 1,686                  | 72                    | 1,080                | 1,208               | 940               | 693              | 1,643         | 766           | 1,614   | 544             | 649               | 4,755              | 181       |
| Starke                    | 30,066         | 2,968                  | 101                   | 1,977                | 2,346               | 1,876             | 1,245            | 2,669         | 1,755         | 3,062   | 1,018           | 1,066             | 9,374              | 566       |
| Steuben                   | 32,116         | 3,032                  | 67                    | 1,966                | 2,181               | 2,235             | 1,305            | 2,362         | 1,957         | 3,451   | 1,179           | 1,006             | 10,570             | 840       |
| Tiptecanoe                | 23,654         | 2,161                  | 39                    | 1,425                | 1,507               | 1,708             | 974              | 1,477         | 1,482         | 2,472   | 590             | 732               | 6,876              | 751       |
| Tipton                    | 4,204          | 371                    | 5                     | 233                  | 219                 | 314               | 163              | 451           | 159           | 503     | 206             | 99                | 1,361              | 90        |
| Wabash                    | 24,763         | 2,323                  | 63                    | 1,595                | 1,764               | 1,710             | 1,028            | 2,060         | 1,567         | 2,567   | 919             | 908               | 7,444              | 602       |
| Warren                    | 27,035         | 2,739                  | 95                    | 1,797                | 2,019               | 1,689             | 1,125            | 2,545         | 1,446         | 2,833   | 952             | 941               | 6,397              | 436       |
| Wayne                     | 33,800         | 3,229                  | 97                    | 2,265                | 2,716               | 2,072             | 1,396            | 2,696         | 2,125         | 3,363   | 1,133           | 1,140             | 10,693             | 743       |
| Wells                     | 17,882         | 1,727                  | 42                    | 1,099                | 1,171               | 1,274             | 753              | 1,321         | 1,054         | 1,891   | 637             | 598               | 5,620              | 475       |
| White                     | 12,425         | 1,105                  | 22                    | 771                  | 904                 | 643               | 509              | 842           | 484           | 1,268   | 440             | 362               | 4,135              | 352       |
| Whitley                   | 21,524         | 1,987                  | 56                    | 1,430                | 1,732               | 1,324             | 832              | 1,594         | 1,511         | 2,107   | 700             | 712               | 6,985              | 544       |
| Total                     | 1,239,655      | 122,928                | 3,923                 | 69,630               | 94,124              | 78,386            | 51,682           | 107,203       | 72,203        | 128,857 | 44,201          | 43,122            | 383,422            | 21,567    |
| All counties              | 5,217,854      | 670,710                | 123,634               | 291,076              | 497,322             | 274,705           | 299,253          | 494,732       | 243,760       | 599,677 | 177,629         | 432,602           | 1,241,090          | 70,762    |

Table 2.--Net volume of sawtimber on timberland by species group and county, Indiana, 1986

(In thousand board feet, International 1/4-inch rule)

| Survey Unit<br>and County | All<br>Species | Species group          |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
|---------------------------|----------------|------------------------|-----------------------|----------------------|---------------------|-------------------|------------------|---------------|---------------|---------|-----------------|-------------------|--------------------|----------------|
|                           |                | Select<br>white<br>oak | Other<br>white<br>oak | Select<br>red<br>oak | Other<br>red<br>oak | Select<br>hickory | Other<br>hickory | Hard<br>maple | Soft<br>maple | Ash     | Black<br>walnut | Yellow-<br>poplar | Other<br>hardwoods | Soft-<br>woods |
|                           |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Lower Wabash Unit         |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Clay                      | 201,560        | 25,694                 | 163                   | 12,827               | 19,721              | 12,918            | 13,135           | 10,940        | 11,436        | 11,180  | 5,395           | 21,156            | 46,469             | 10,521         |
| Daviess                   | 190,478        | 25,951                 | 404                   | 12,946               | 26,879              | 10,258            | 11,146           | 8,691         | 13,995        | 9,351   | 4,829           | 20,654            | 40,365             | 5,009          |
| Gibson                    | 176,850        | 20,792                 | 282                   | 11,242               | 23,274              | 9,497             | 10,248           | 6,964         | 12,748        | 9,076   | 4,950           | 21,107            | 39,718             | 6,952          |
| Greene                    | 452,848        | 57,686                 | 810                   | 29,639               | 62,613              | 23,666            | 26,403           | 20,060        | 31,713        | 22,754  | 11,764          | 48,534            | 95,446             | 21,760         |
| Knox                      | 125,878        | 16,905                 | 27                    | 8,881                | 12,282              | 8,820             | 9,553            | 7,467         | 7,734         | 8,119   | 3,309           | 13,522            | 28,110             | 1,149          |
| Martin                    | 707,052        | 126,304                | 1,438                 | 48,870               | 102,268             | 42,374            | 47,020           | 41,120        | 47,085        | 34,571  | 14,561          | 62,312            | 136,961            | 2,168          |
| Parke                     | 413,849        | 44,932                 | 672                   | 24,031               | 49,461              | 22,861            | 22,869           | 15,104        | 28,968        | 20,237  | 12,048          | 52,397            | 98,847             | 21,422         |
| Pike                      | 384,936        | 46,632                 | 766                   | 23,310               | 50,754              | 20,664            | 21,208           | 15,655        | 27,624        | 18,348  | 10,919          | 45,743            | 87,215             | 16,078         |
| Posey                     | 229,581        | 32,383                 | 399                   | 15,568               | 28,028              | 13,990            | 14,498           | 11,871        | 15,646        | 12,000  | 5,657           | 24,409            | 50,238             | 4,894          |
| Putnam                    | 374,028        | 53,951                 | 34                    | 25,878               | 27,777              | 28,937            | 29,362           | 25,973        | 19,269        | 24,564  | 10,580          | 39,270            | 86,962             | 1,471          |
| Sullivan                  | 298,467        | 38,632                 | 621                   | 18,946               | 40,848              | 15,892            | 16,917           | 13,040        | 21,596        | 14,100  | 7,928           | 32,667            | 64,986             | 12,294         |
| Vanderburgh               | 106,337        | 13,397                 | 38                    | 7,136                | 10,862              | 6,850             | 7,512            | 5,401         | 6,671         | 6,913   | 2,824           | 12,359            | 23,831             | 2,543          |
| Vermillion                | 153,001        | 22,755                 | 224                   | 10,978               | 20,261              | 9,084             | 10,400           | 8,666         | 10,597        | 8,658   | 3,641           | 14,839            | 30,543             | 2,355          |
| Vigo                      | 211,903        | 26,664                 | 350                   | 13,160               | 27,329              | 11,638            | 12,159           | 9,100         | 14,742        | 11,176  | 5,969           | 24,954            | 47,406             | 7,256          |
| Total                     | 4,026,768      | 552,678                | 6,233                 | 263,412              | 502,357             | 237,469           | 252,430          | 200,052       | 269,824       | 211,047 | 104,374         | 433,923           | 877,097            | 115,872        |
| Knobs Unit                |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Brown                     | 714,793        | 132,252                | 45,935                | 44,595               | 95,782              | 29,197            | 38,955           | 52,898        | 15,908        | 23,942  | 7,875           | 76,377            | 114,844            | 36,233         |
| Clark                     | 420,750        | 69,064                 | 22,119                | 25,244               | 53,095              | 16,945            | 21,759           | 30,164        | 10,065        | 16,119  | 5,154           | 45,685            | 72,588             | 32,749         |
| Crawford                  | 582,098        | 109,435                | 35,409                | 38,643               | 76,449              | 23,937            | 31,576           | 43,548        | 12,424        | 22,300  | 7,066           | 66,240            | 94,759             | 20,312         |
| Dubois                    | 470,282        | 78,886                 | 25,411                | 28,292               | 59,530              | 19,862            | 27,228           | 39,567        | 12,905        | 15,482  | 5,699           | 52,890            | 84,146             | 20,384         |
| Floyd                     | 180,034        | 24,627                 | 8,318                 | 8,959                | 21,479              | 8,701             | 11,131           | 16,409        | 6,729         | 6,261   | 2,232           | 22,148            | 35,915             | 7,125          |
| Harrison                  | 641,916        | 108,389                | 34,475                | 41,002               | 81,745              | 25,593            | 31,976           | 43,327        | 15,181        | 30,518  | 9,718           | 78,130            | 108,832            | 33,030         |
| Jackson                   | 575,103        | 107,410                | 39,704                | 34,849               | 77,055              | 22,910            | 29,382           | 36,646        | 12,670        | 26,341  | 8,831           | 67,242            | 91,629             | 20,434         |
| Lawrence                  | 687,495        | 132,711                | 43,733                | 44,592               | 92,348              | 28,939            | 40,452           | 56,903        | 16,558        | 20,830  | 7,399           | 72,771            | 113,316            | 16,943         |
| Monroe                    | 618,137        | 111,372                | 37,089                | 38,954               | 81,590              | 25,813            | 35,455           | 50,444        | 15,496        | 21,087  | 7,714           | 69,250            | 107,011            | 16,862         |
| Morgan                    | 401,468        | 69,546                 | 21,817                | 25,838               | 51,009              | 16,752            | 20,221           | 28,076        | 10,262        | 19,116  | 5,834           | 47,831            | 70,056             | 15,110         |
| Orange                    | 648,722        | 122,876                | 40,308                | 42,376               | 83,781              | 27,060            | 33,522           | 45,388        | 13,531        | 28,034  | 8,412           | 75,270            | 99,987             | 28,177         |
| Owen                      | 528,332        | 71,241                 | 23,920                | 26,222               | 62,639              | 24,112            | 31,874           | 46,719        | 16,979        | 19,377  | 7,034           | 65,477            | 107,298            | 25,440         |
| Perry                     | 778,940        | 158,634                | 56,432                | 49,735               | 104,904             | 33,551            | 41,409           | 49,765        | 13,506        | 26,216  | 7,323           | 85,083            | 104,298            | 48,084         |
| Scott                     | 205,427        | 36,064                 | 11,143                | 12,978               | 26,190              | 8,328             | 10,528           | 14,968        | 5,000         | 8,570   | 2,903           | 23,339            | 35,158             | 10,258         |
| Spencer                   | 291,161        | 50,147                 | 15,771                | 18,051               | 36,351              | 11,657            | 15,273           | 21,344        | 7,222         | 12,360  | 4,261           | 33,161            | 50,961             | 14,602         |
| Warrick                   | 340,965        | 54,117                 | 16,468                | 19,582               | 41,150              | 13,471            | 15,890           | 23,054        | 8,617         | 18,180  | 6,401           | 42,944            | 62,740             | 18,351         |
| Washington                | 603,222        | 76,913                 | 26,292                | 28,160               | 69,783              | 28,767            | 36,759           | 53,661        | 20,974        | 21,225  | 7,445           | 74,822            | 119,529            | 38,892         |
| Total                     | 8,668,845      | 1,513,684              | 504,344               | 528,072              | 1,114,880           | 365,595           | 473,390          | 652,881       | 214,027       | 335,958 | 111,301         | 998,660           | 1,473,067          | 402,986        |
| Upland Flats Unit         |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Dearborn                  | 300,737        | 39,884                 | 711                   | 25,694               | 28,312              | 12,759            | 18,129           | 20,686        | 15,224        | 23,195  | 7,635           | 38,342            | 66,626             | 3,540          |
| Fayette                   | 81,280         | 7,100                  | 36                    | 5,131                | 7,618               | 3,467             | 7,168            | 5,248         | 1,630         | 8,613   | 2,253           | 8,789             | 23,027             | 1,200          |
| Franklin                  | 199,848        | 20,274                 | 51                    | 13,299               | 17,162              | 8,259             | 17,698           | 14,283        | 3,383         | 23,352  | 5,717           | 22,573            | 49,770             | 4,027          |
| Jefferson                 | 305,240        | 45,345                 | 228                   | 22,670               | 17,636              | 10,656            | 14,073           | 24,809        | 8,398         | 28,094  | 7,556           | 30,893            | 74,860             | 20,022         |
| Jennings                  | 288,264        | 35,643                 | 610                   | 23,841               | 27,575              | 12,297            | 17,975           | 19,018        | 13,472        | 22,552  | 7,195           | 36,119            | 68,188             | 3,779          |
| Ohio                      | 86,903         | 11,417                 | 178                   | 7,186                | 8,068               | 3,641             | 5,524            | 6,047         | 3,957         | 7,172   | 2,252           | 10,812            | 19,562             | 1,087          |
| Ripley                    | 271,884        | 41,256                 | 85                    | 19,680               | 14,939              | 9,648             | 14,247           | 23,685        | 5,400         | 27,613  | 7,267           | 27,891            | 67,111             | 13,062         |
| Switzerland               | 341,015        | 58,627                 | 864                   | 30,999               | 25,860              | 14,423            | 15,391           | 28,343        | 18,277        | 23,711  | 8,213           | 42,272            | 72,373             | 1,662          |
| Union                     | 51,370         | 5,132                  | 42                    | 3,529                | 4,545               | 2,101             | 4,181            | 3,541         | 1,316         | 5,405   | 1,447           | 5,954             | 13,222             | 955            |
| Total                     | 1,926,541      | 264,678                | 2,805                 | 152,029              | 151,715             | 77,251            | 114,386          | 145,660       | 71,057        | 169,707 | 49,535          | 223,645           | 454,739            | 49,334         |

(Table 2 continued on next page)

(Table 2 continued)

| Survey Unit<br>and County | All<br>species | Species group          |                       |                      |                     |                   |                  |               |               |           |                 | Yellow-<br>poplar | Black<br>walnut | Ash     | Soft<br>maple | Other<br>hardwoods | Soft-<br>woods |
|---------------------------|----------------|------------------------|-----------------------|----------------------|---------------------|-------------------|------------------|---------------|---------------|-----------|-----------------|-------------------|-----------------|---------|---------------|--------------------|----------------|
|                           |                | Select<br>white<br>oak | Other<br>white<br>oak | Select<br>red<br>oak | Other<br>red<br>oak | Select<br>hickory | Other<br>hickory | Hard<br>maple | Soft<br>maple | Ash       | Black<br>walnut |                   |                 |         |               |                    |                |
| Northern Unit             |                |                        |                       |                      |                     |                   |                  |               |               |           |                 |                   |                 |         |               |                    |                |
| Adams                     | 61,593         | 7,423                  | 315                   | 5,095                | 5,688               | 3,244             | 2,206            | 5,474         | 3,359         | 5,981     | 2,119           | 2,625             | 17,522          | 542     |               |                    |                |
| Allen                     | 96,699         | 10,581                 | 64                    | 6,775                | 7,085               | 6,793             | 3,276            | 8,241         | 5,825         | 11,876    | 4,577           | 2,487             | 27,801          | 1,318   |               |                    |                |
| Bartolomew                | 203,754        | 25,404                 | 1,125                 | 17,067               | 19,340              | 10,318            | 6,950            | 19,866        | 10,274        | 20,227    | 7,418           | 8,632             | 55,987          | 1,146   |               |                    |                |
| Benton                    | 7,241          | 830                    | 34                    | 550                  | 544                 | 385               | 335              | 658           | 325           | 738       | 277             | 301               | 2,197           | 67      |               |                    |                |
| Blackford                 | 46,569         | 5,877                  | 307                   | 3,904                | 4,431               | 2,197             | 1,608            | 5,019         | 2,072         | 4,463     | 1,617           | 2,148             | 12,755          | 171     |               |                    |                |
| Boone                     | 66,503         | 8,291                  | 367                   | 5,313                | 5,987               | 3,475             | 2,258            | 7,257         | 2,742         | 6,992     | 2,598           | 2,738             | 18,234          | 251     |               |                    |                |
| Carroll                   | 79,198         | 9,559                  | 409                   | 5,385                | 6,936               | 4,244             | 2,739            | 8,359         | 3,786         | 7,904     | 2,838           | 3,326             | 22,113          | 600     |               |                    |                |
| Cass                      | 94,732         | 10,665                 | 345                   | 7,825                | 8,312               | 5,484             | 2,739            | 7,288         | 3,521         | 8,899     | 3,032           | 3,760             | 27,695          | 1,419   |               |                    |                |
| Claiborne                 | 44,083         | 5,951                  | 251                   | 3,813                | 4,081               | 2,015             | 1,459            | 5,011         | 1,750         | 4,446     | 1,793           | 1,803             | 11,569          | 141     |               |                    |                |
| Decatur                   | 118,120        | 15,626                 | 697                   | 10,156               | 10,900              | 5,766             | 3,966            | 12,315        | 4,976         | 11,828    | 4,494           | 5,119             | 31,768          | 509     |               |                    |                |
| De Kalb                   | 105,108        | 11,892                 | 372                   | 8,598                | 8,663               | 6,244             | 3,981            | 7,573         | 7,172         | 9,749     | 3,220           | 4,279             | 31,623          | 1,742   |               |                    |                |
| Delaware                  | 59,820         | 6,960                  | 165                   | 4,580                | 4,418               | 3,929             | 2,172            | 4,924         | 3,287         | 6,605     | 2,374           | 2,134             | 17,487          | 785     |               |                    |                |
| Elkhart                   | 110,484        | 12,813                 | 466                   | 9,085                | 10,185              | 6,233             | 3,891            | 9,215         | 6,647         | 13,948    | 4,685           | 6,398             | 44,704          | 1,349   |               |                    |                |
| Fountain                  | 151,318        | 17,418                 | 627                   | 12,511               | 12,949              | 8,581             | 5,634            | 11,774        | 9,877         | 13,948    | 4,685           | 6,398             | 44,704          | 2,212   |               |                    |                |
| Fulton                    | 81,940         | 9,436                  | 317                   | 6,610                | 7,098               | 4,631             | 3,003            | 6,586         | 5,211         | 7,949     | 2,799           | 3,260             | 23,982          | 1,058   |               |                    |                |
| Grant                     | 86,318         | 10,896                 | 473                   | 7,240                | 7,382               | 4,585             | 3,082            | 8,354         | 4,006         | 8,457     | 3,030           | 3,843             | 24,263          | 707     |               |                    |                |
| Hamilton                  | 77,697         | 9,131                  | 312                   | 6,397                | 6,413               | 4,798             | 2,819            | 6,406         | 4,329         | 7,743     | 2,577           | 3,156             | 22,564          | 1,052   |               |                    |                |
| Hancock                   | 45,787         | 5,139                  | 154                   | 3,653                | 3,427               | 2,831             | 1,745            | 3,788         | 2,879         | 4,364     | 1,454           | 1,858             | 13,718          | 777     |               |                    |                |
| Hendricks                 | 72,388         | 8,598                  | 349                   | 5,846                | 6,904               | 3,702             | 2,464            | 7,347         | 3,966         | 7,268     | 2,704           | 2,815             | 19,971          | 454     |               |                    |                |
| Henry                     | 83,665         | 9,865                  | 377                   | 6,758                | 7,119               | 4,720             | 2,930            | 8,440         | 4,466         | 8,314     | 2,938           | 3,367             | 23,562          | 809     |               |                    |                |
| Howard                    | 29,480         | 3,458                  | 22                    | 1,870                | 1,757               | 2,186             | 988              | 2,941         | 1,119         | 4,106     | 1,644           | 719               | 8,417           | 253     |               |                    |                |
| Huntington                | 83,370         | 9,451                  | 168                   | 6,685                | 5,943               | 5,760             | 3,215            | 6,299         | 5,140         | 9,895     | 2,942           | 2,746             | 23,817          | 1,309   |               |                    |                |
| Jasper                    | 104,622        | 12,218                 | 436                   | 8,578                | 9,755               | 5,866             | 3,662            | 8,928         | 6,229         | 10,457    | 3,705           | 4,033             | 29,667          | 1,088   |               |                    |                |
| Jay                       | 119,725        | 15,302                 | 772                   | 10,144               | 11,655              | 5,472             | 4,088            | 12,623        | 5,494         | 11,459    | 4,258           | 5,416             | 32,618          | 424     |               |                    |                |
| Johnson                   | 93,398         | 11,607                 | 571                   | 7,643                | 8,661               | 4,548             | 3,143            | 10,767        | 4,088         | 9,209     | 3,391           | 4,087             | 25,342          | 341     |               |                    |                |
| Kosciusko                 | 162,276        | 20,376                 | 1,014                 | 13,591               | 15,592              | 7,644             | 5,586            | 16,926        | 7,686         | 15,605    | 5,737           | 7,295             | 44,525          | 699     |               |                    |                |
| La Grange                 | 124,862        | 14,431                 | 479                   | 10,168               | 10,919              | 7,219             | 4,458            | 10,616        | 7,819         | 12,053    | 4,088           | 4,739             | 36,363          | 1,510   |               |                    |                |
| Lake                      | 74,951         | 8,937                  | 347                   | 6,223                | 6,419               | 4,318             | 2,715            | 6,605         | 4,134         | 7,346     | 2,517           | 3,147             | 21,417          | 826     |               |                    |                |
| La Porte                  | 162,766        | 19,478                 | 787                   | 13,664               | 15,567              | 8,928             | 5,628            | 14,201        | 9,122         | 15,954    | 5,511           | 6,606             | 45,820          | 1,500   |               |                    |                |
| Madison                   | 60,440         | 7,571                  | 310                   | 5,082                | 5,452               | 3,081             | 2,129            | 5,854         | 3,030         | 5,985     | 2,242           | 2,531             | 16,751          | 442     |               |                    |                |
| Marion                    | 1,675          | 57                     | --                    | 32                   | 21                  | 71                | 30               | 915           | --            | 166       | 87              | --                | 296             | --      |               |                    |                |
| Marshall                  | 121,437        | 13,881                 | 499                   | 9,939                | 11,542              | 6,381             | 4,335            | 9,979         | 8,210         | 11,449    | 4,093           | 4,749             | 34,992          | 1,388   |               |                    |                |
| Miami                     | 124,540        | 15,547                 | 756                   | 10,376               | 11,345              | 6,295             | 4,377            | 12,642        | 5,817         | 12,028    | 4,293           | 5,676             | 34,693          | 735     |               |                    |                |
| Montgomery                | 92,788         | 10,552                 | 222                   | 7,030                | 5,973               | 6,394             | 3,515            | 7,350         | 5,274         | 9,918     | 3,430           | 3,494             | 28,009          | 1,627   |               |                    |                |
| Newton                    | 84,216         | 10,265                 | 424                   | 6,974                | 6,808               | 4,838             | 3,150            | 7,239         | 4,310         | 8,186     | 2,780           | 3,805             | 24,481          | 956     |               |                    |                |
| Noble                     | 120,885        | 13,855                 | 339                   | 9,441                | 9,379               | 7,734             | 4,391            | 9,414         | 7,386         | 12,730    | 4,494           | 4,403             | 35,569          | 1,750   |               |                    |                |
| Porter                    | 112,945        | 13,205                 | 439                   | 9,380                | 9,122               | 7,172             | 4,015            | 10,108        | 6,314         | 11,267    | 3,696           | 4,467             | 32,257          | 1,503   |               |                    |                |
| Pulaski                   | 107,732        | 12,441                 | 413                   | 8,711                | 9,161               | 6,283             | 3,932            | 8,645         | 6,635         | 10,549    | 3,656           | 4,311             | 31,537          | 1,458   |               |                    |                |
| Randolph                  | 97,813         | 13,224                 | 584                   | 8,564                | 9,093               | 4,525             | 3,217            | 10,857        | 3,941         | 9,665     | 3,795           | 4,191             | 25,783          | 374     |               |                    |                |
| Rush                      | 40,171         | 4,329                  | 30                    | 2,706                | 2,666               | 2,799             | 1,371            | 4,177         | 2,203         | 4,923     | 1,921           | 1,044             | 11,477          | 525     |               |                    |                |
| St. Joseph                | 82,525         | 9,498                  | 312                   | 6,796                | 7,334               | 4,902             | 2,967            | 6,401         | 5,130         | 8,051     | 2,705           | 3,220             | 24,069          | 1,140   |               |                    |                |
| Shelby                    | 60,697         | 7,527                  | 369                   | 5,002                | 5,383               | 3,026             | 2,188            | 6,300         | 2,769         | 5,809     | 2,073           | 2,791             | 17,080          | 380     |               |                    |                |
| Starke                    | 111,362        | 13,126                 | 517                   | 9,117                | 9,798               | 6,163             | 3,932            | 10,339        | 6,751         | 12,758    | 3,743           | 4,647             | 31,759          | 1,212   |               |                    |                |
| Steuben                   | 115,318        | 13,286                 | 322                   | 8,919                | 8,603               | 7,479             | 4,198            | 9,151         | 6,790         | 12,182    | 4,261           | 4,229             | 34,202          | 1,696   |               |                    |                |
| Tiptecanoe                | 84,092         | 9,364                  | 186                   | 6,418                | 5,728               | 5,701             | 3,170            | 6,544         | 5,209         | 8,795     | 3,036           | 3,077             | 25,344          | 1,520   |               |                    |                |
| Tipton                    | 15,186         | 1,622                  | 17                    | 980                  | 868                 | 1,057             | 526              | 1,942         | 682           | 1,857     | 725             | 411               | 4,313           | 186     |               |                    |                |
| Wabash                    | 88,725         | 10,247                 | 315                   | 7,197                | 7,009               | 5,632             | 3,156            | 8,203         | 5,014         | 9,022     | 3,055           | 3,379             | 25,329          | 1,167   |               |                    |                |
| Warren                    | 101,332        | 12,142                 | 480                   | 8,103                | 8,663               | 5,556             | 3,576            | 9,883         | 5,213         | 10,140    | 3,645           | 4,204             | 28,813          | 918     |               |                    |                |
| Wayne                     | 123,515        | 14,275                 | 499                   | 10,271               | 11,247              | 6,825             | 4,391            | 10,464        | 8,051         | 11,687    | 4,084           | 4,860             | 35,344          | 1,517   |               |                    |                |
| Wells                     | 64,464         | 7,588                  | 205                   | 5,068                | 4,636               | 4,238             | 2,422            | 5,005         | 3,561         | 6,809     | 2,349           | 2,516             | 19,145          | 952     |               |                    |                |
| White                     | 43,779         | 4,842                  | 106                   | 3,437                | 3,460               | 2,825             | 1,649            | 3,284         | 2,875         | 4,494     | 1,548           | 1,512             | 13,046          | 701     |               |                    |                |
| Whitley                   | 77,949         | 8,726                  | 286                   | 6,419                | 7,045               | 4,374             | 2,844            | 6,149         | 5,484         | 7,238     | 2,487           | 3,037             | 22,745          | 1,115   |               |                    |                |
| Total                     | 4,582,053      | 544,753                | 19,752                | 372,669              | 394,466             | 259,427           | 162,965          | 414,646       | 254,450       | 458,234   | 162,195         | 183,785           | 1,306,390       | 48,321  |               |                    |                |
| All counties              | 19,224,207     | 2,875,793              | 533,134               | 1,316,182            | 2,163,418           | 939,742           | 1,003,171        | 1,413,239     | 809,358       | 1,174,946 | 427,405         | 1,840,013         | 4,111,293       | 616,513 |               |                    |                |

Table 3.--Net volume of sawtimber on timberland by species group and county, Indiana, 1986  
(In thousand board feet, Doyle rule)

| Survey Unit<br>and County | All<br>species | Species group          |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
|---------------------------|----------------|------------------------|-----------------------|----------------------|---------------------|-------------------|------------------|---------------|---------------|---------|-----------------|-------------------|--------------------|----------------|
|                           |                | Select<br>white<br>oak | Other<br>white<br>oak | Select<br>red<br>oak | Other<br>red<br>oak | Select<br>hickory | Other<br>hickory | Hard<br>maple | Soft<br>maple | Ash     | Black<br>walnut | Yellow-<br>poplar | Other<br>hardwoods | Soft-<br>woods |
| Lower Wabash Unit         |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Clay                      | 127,550        | 17,594                 | 92                    | 9,794                | 13,636              | 7,301             | 7,674            | 6,112         | 7,566         | 6,688   | 2,990           | 14,191            | 29,392             | 5,520          |
| Daviess                   | 121,877        | 17,390                 | 219                   | 9,052                | 18,286              | 5,712             | 6,341            | 5,073         | 9,044         | 5,534   | 2,738           | 13,845            | 26,036             | 2,607          |
| Gibson                    | 112,629        | 13,977                 | 156                   | 7,773                | 15,907              | 5,191             | 5,864            | 4,036         | 8,371         | 5,361   | 2,812           | 14,109            | 25,450             | 3,622          |
| Greene                    | 287,813        | 38,725                 | 441                   | 20,480               | 42,434              | 13,096            | 15,171           | 11,692        | 20,904        | 13,530  | 6,643           | 32,448            | 60,892             | 11,357         |
| Knox                      | 80,594         | 11,721                 | 15                    | 6,002                | 8,577               | 4,996             | 5,734            | 4,124         | 5,181         | 4,934   | 1,811           | 8,962             | 17,971             | 566            |
| Martin                    | 454,568        | 84,820                 | 763                   | 34,175               | 68,744              | 24,563            | 27,408           | 23,539        | 30,510        | 20,637  | 8,125           | 41,911            | 88,316             | 1,057          |
| Parke                     | 262,314        | 30,087                 | 377                   | 16,739               | 33,706              | 12,364            | 12,883           | 8,684         | 19,105        | 11,693  | 6,967           | 35,315            | 63,167             | 11,227         |
| Pike                      | 244,794        | 31,165                 | 422                   | 16,338               | 34,509              | 11,333            | 11,935           | 9,098         | 18,027        | 10,700  | 6,262           | 30,741            | 55,842             | 8,422          |
| Posey                     | 146,824        | 21,851                 | 216                   | 10,857               | 19,130              | 7,856             | 8,329            | 6,773         | 10,146        | 7,083   | 3,205           | 16,451            | 32,374             | 2,553          |
| Putnam                    | 239,087        | 37,467                 | 18                    | 17,598               | 19,385              | 16,583            | 17,553           | 14,243        | 13,016        | 14,784  | 5,790           | 26,442            | 55,487             | 721            |
| Sullivan                  | 190,131        | 25,863                 | 339                   | 13,292               | 27,800              | 8,781             | 9,592            | 7,602         | 13,953        | 8,261   | 4,522           | 21,986            | 41,700             | 6,440          |
| Vanderburgh               | 67,756         | 9,181                  | 22                    | 4,795                | 7,424               | 3,816             | 4,484            | 3,004         | 4,604         | 4,161   | 1,580           | 8,200             | 15,189             | 1,296          |
| Vermillion                | 98,070         | 15,440                 | 120                   | 7,556                | 13,767              | 5,151             | 6,141            | 4,956         | 6,994         | 5,231   | 2,021           | 9,869             | 19,627             | 1,197          |
| Vigo                      | 134,863        | 17,892                 | 193                   | 9,122                | 18,664              | 6,440             | 6,944            | 5,238         | 9,703         | 6,645   | 3,373           | 16,599            | 30,271             | 3,779          |
| Total                     | 2,568,870      | 373,173                | 3,393                 | 182,573              | 341,969             | 133,183           | 146,053          | 114,174       | 177,124       | 125,242 | 58,839          | 291,069           | 561,714            | 60,364         |
| Knobs Unit                |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Brown                     | 442,447        | 84,504                 | 27,425                | 30,384               | 61,786              | 16,655            | 22,402           | 30,598        | 10,026        | 13,996  | 4,364           | 48,973            | 73,476             | 17,858         |
| Clark                     | 258,143        | 43,945                 | 13,239                | 17,087               | 34,453              | 9,565             | 12,687           | 17,273        | 6,326         | 9,512   | 2,847           | 29,015            | 45,988             | 16,206         |
| Crawford                  | 360,032        | 69,540                 | 20,987                | 26,325               | 49,735              | 13,584            | 18,210           | 25,098        | 7,850         | 13,119  | 3,885           | 42,094            | 60,049             | 9,556          |
| Dubois                    | 293,472        | 50,600                 | 15,280                | 19,287               | 38,757              | 11,291            | 15,808           | 22,879        | 8,075         | 9,171   | 3,193           | 33,901            | 54,631             | 10,599         |
| Floyd                     | 112,524        | 16,074                 | 4,872                 | 6,130                | 13,750              | 4,944             | 6,461            | 9,522         | 4,185         | 3,722   | 1,254           | 14,240            | 23,732             | 3,638          |
| Harrison                  | 394,447        | 68,219                 | 20,391                | 27,733               | 53,078              | 14,320            | 18,778           | 24,672        | 9,702         | 18,168  | 5,186           | 49,411            | 68,201             | 16,588         |
| Jackson                   | 353,066        | 68,046                 | 23,352                | 23,718               | 49,331              | 12,906            | 16,841           | 21,037        | 8,085         | 15,675  | 4,700           | 42,351            | 57,494             | 9,530          |
| Lawrence                  | 429,818        | 85,031                 | 26,192                | 30,537               | 60,081              | 16,444            | 23,241           | 33,115        | 10,423        | 12,262  | 4,156           | 46,557            | 73,321             | 8,358          |
| Monroe                    | 386,451        | 71,471                 | 22,207                | 26,654               | 53,092              | 14,642            | 20,488           | 29,231        | 9,754         | 12,445  | 4,267           | 44,502            | 68,945             | 8,763          |
| Morgan                    | 247,002        | 43,975                 | 12,890                | 17,390               | 33,070              | 9,359             | 11,891           | 15,900        | 6,494         | 11,414  | 3,150           | 30,079            | 44,119             | 7,261          |
| Orange                    | 398,172        | 77,532                 | 23,667                | 28,694               | 54,284              | 15,353            | 19,192           | 26,234        | 8,607         | 16,594  | 4,546           | 47,716            | 62,875             | 12,878         |
| Owen                      | 329,230        | 46,328                 | 14,058                | 17,827               | 40,343              | 13,646            | 18,531           | 26,923        | 10,545        | 11,382  | 3,950           | 42,045            | 70,415             | 13,237         |
| Perry                     | 476,502        | 100,282                | 33,099                | 34,001               | 67,271              | 19,514            | 23,252           | 28,935        | 8,526         | 15,294  | 4,029           | 54,215            | 65,879             | 22,205         |
| Scott                     | 126,825        | 22,911                 | 6,675                 | 8,788                | 17,056              | 4,675             | 6,143            | 8,558         | 3,164         | 5,096   | 1,578           | 14,768            | 22,291             | 5,122          |
| Spencer                   | 180,014        | 31,850                 | 9,449                 | 12,217               | 23,710              | 6,550             | 8,930            | 12,195        | 4,566         | 7,402   | 2,324           | 20,977            | 32,412             | 7,432          |
| Warrick                   | 208,653        | 34,297                 | 9,757                 | 13,145               | 26,699              | 7,491             | 9,288            | 13,024        | 5,459         | 10,835  | 3,408           | 26,788            | 39,518             | 8,944          |
| Washington                | 375,133        | 50,150                 | 15,330                | 19,253               | 44,621              | 16,314            | 21,363           | 31,093        | 13,038        | 12,597  | 4,187           | 48,247            | 78,800             | 20,140         |
| Total                     | 5,371,941      | 964,755                | 298,870               | 359,170              | 721,117             | 207,263           | 273,506          | 376,287       | 134,825       | 198,684 | 61,024          | 635,979           | 942,146            | 198,315        |
| Upland Flats Unit         |                |                        |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Dearborn                  | 194,678        | 27,673                 | 373                   | 18,295               | 19,413              | 7,695             | 10,760           | 12,168        | 9,354         | 13,813  | 3,806           | 27,645            | 42,031             | 1,652          |
| Fayette                   | 51,604         | 4,804                  | 19                    | 3,478                | 5,232               | 2,003             | 4,223            | 3,097         | 978           | 5,104   | 1,162           | 6,389             | 14,447             | 668            |
| Franklin                  | 127,007        | 13,948                 | 27                    | 9,186                | 12,036              | 4,943             | 10,497           | 8,260         | 2,023         | 13,956  | 2,980           | 15,813            | 31,273             | 2,065          |
| Jefferson                 | 195,957        | 31,288                 | 120                   | 17,168               | 12,490              | 6,668             | 7,962            | 14,243        | 5,198         | 17,068  | 4,107           | 20,373            | 49,650             | 9,622          |
| Jennings                  | 186,173        | 24,621                 | 320                   | 16,872               | 18,871              | 7,346             | 10,597           | 11,319        | 8,282         | 13,433  | 3,600           | 26,127            | 43,007             | 1,778          |
| Onto                      | 56,130         | 7,925                  | 93                    | 5,106                | 5,551               | 2,190             | 3,263            | 3,526         | 2,428         | 4,276   | 1,132           | 7,772             | 12,353             | 515            |
| Ripley                    | 175,157        | 28,463                 | 44                    | 15,039               | 10,782              | 6,097             | 8,125            | 13,577        | 3,368         | 16,862  | 4,004           | 17,957            | 44,458             | 6,381          |
| Switzerland               | 223,660        | 40,931                 | 453                   | 23,229               | 17,623              | 8,946             | 8,807            | 16,558        | 11,409        | 14,512  | 4,218           | 29,419            | 46,688             | 867            |
| Union                     | 32,775         | 3,514                  | 22                    | 2,436                | 3,168               | 1,257             | 2,502            | 2,097         | 793           | 3,206   | 746             | 4,220             | 8,322              | 492            |
| Total                     | 1,243,141      | 183,167                | 1,471                 | 110,809              | 105,166             | 47,145            | 66,736           | 84,845        | 43,833        | 102,230 | 25,755          | 155,715           | 292,229            | 24,040         |

Table 3 continued on next page

(Table 3 continued on next page)

(Table 3 continued)

| Survey Unit<br>and County | All<br>species | Species group          |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    | Soft-<br>woods |
|---------------------------|----------------|------------------------|-----------------------|----------------------|---------------------|-------------------|------------------|---------------|---------------|---------|-----------------|-------------------|--------------------|----------------|
|                           |                | Select<br>white<br>oak | Other<br>white<br>oak | Select<br>red<br>oak | Other<br>red<br>oak | Select<br>hickory | Other<br>hickory | Hard<br>maple | Soft<br>maple | Ash     | Black<br>walnut | Yellow-<br>poplar | Other<br>hardwoods |                |
|                           |                | Northern Unit          |                       |                      |                     |                   |                  |               |               |         |                 |                   |                    |                |
| Adams                     | 40,904         | 5,378                  | 196                   | 3,659                | 3,906               | 1,940             | 1,244            | 3,692         | 2,338         | 3,742   | 1,233           | 1,745             | 11,604             | 227            |
| Allen                     | 64,292         | 7,393                  | 46                    | 5,043                | 4,666               | 4,072             | 1,994            | 5,807         | 3,988         | 7,631   | 2,796           | 1,747             | 18,537             | 572            |
| Bartholomew               | 136,717        | 18,569                 | 693                   | 12,420               | 13,417              | 6,235             | 3,957            | 13,540        | 7,306         | 12,714  | 4,340           | 5,760             | 37,268             | 498            |
| Benton                    | 4,748          | 597                    | 22                    | 385                  | 381                 | 231               | 185              | 449           | 220           | 461     | 162             | 199               | 1,428              | 28             |
| Blackford                 | 31,309         | 4,334                  | 188                   | 2,799                | 3,113               | 1,329             | 906              | 3,448         | 1,490         | 2,794   | 931             | 1,426             | 8,477              | 74             |
| Boone                     | 44,792         | 6,083                  | 225                   | 3,849                | 4,172               | 2,104             | 1,304            | 5,035         | 1,973         | 4,425   | 1,521           | 1,837             | 12,151             | 113            |
| Carroll                   | 52,883         | 6,947                  | 254                   | 4,559                | 4,804               | 2,550             | 1,556            | 5,826         | 2,637         | 4,972   | 1,657           | 2,215             | 14,654             | 252            |
| Cass                      | 62,082         | 7,497                  | 219                   | 5,594                | 5,594               | 3,272             | 1,944            | 4,936         | 4,391         | 5,524   | 1,767           | 2,489             | 18,271             | 584            |
| Clinton                   | 30,032         | 4,442                  | 153                   | 2,827                | 2,903               | 1,218             | 833              | 3,473         | 1,268         | 2,853   | 1,099           | 1,204             | 7,896              | 63             |
| Decatur                   | 79,710         | 11,554                 | 428                   | 7,414                | 7,699               | 3,478             | 2,262            | 8,388         | 3,554         | 7,509   | 2,691           | 3,411             | 21,100             | 222            |
| De Kalb                   | 68,424         | 8,259                  | 240                   | 6,059                | 5,844               | 3,712             | 2,223            | 5,025         | 4,736         | 6,040   | 1,863           | 2,822             | 20,889             | 712            |
| Delaware                  | 39,350         | 4,877                  | 106                   | 3,280                | 2,999               | 2,354             | 1,267            | 3,341         | 2,189         | 4,179   | 1,414           | 1,440             | 11,573             | 331            |
| Elkhart                   | 72,901         | 9,175                  | 292                   | 6,529                | 6,839               | 3,706             | 2,189            | 6,267         | 4,543         | 6,683   | 2,132           | 2,918             | 21,074             | 554            |
| Fountain                  | 99,048         | 12,277                 | 398                   | 8,835                | 8,811               | 5,104             | 3,143            | 7,869         | 6,614         | 8,651   | 2,713           | 4,222             | 29,505             | 906            |
| Fulton                    | 54,000         | 6,688                  | 200                   | 4,732                | 4,823               | 2,761             | 1,700            | 4,435         | 3,544         | 4,972   | 1,640           | 2,169             | 15,896             | 440            |
| Grant                     | 57,397         | 7,922                  | 294                   | 5,153                | 5,181               | 2,746             | 1,740            | 5,656         | 2,748         | 5,319   | 1,784           | 2,549             | 16,012             | 293            |
| Hamilton                  | 50,835         | 6,450                  | 198                   | 4,530                | 4,333               | 2,864             | 1,583            | 4,335         | 2,863         | 4,829   | 1,498           | 2,091             | 14,831             | 430            |
| Hancock                   | 29,785         | 3,566                  | 100                   | 2,540                | 2,330               | 1,684             | 976              | 2,594         | 1,874         | 2,715   | 848             | 1,226             | 9,015              | 317            |
| Hendricks                 | 48,662         | 6,254                  | 215                   | 4,284                | 4,734               | 2,242             | 1,406            | 5,128         | 2,825         | 4,573   | 1,582           | 1,885             | 13,337             | 197            |
| Henry                     | 55,577         | 7,054                  | 235                   | 4,831                | 4,895               | 2,848             | 1,658            | 5,904         | 3,045         | 5,207   | 1,711           | 2,239             | 15,612             | 338            |
| Howard                    | 19,805         | 2,449                  | 15                    | 1,391                | 1,195               | 1,315             | 632              | 2,065         | 778           | 2,674   | 1,011           | 520               | 5,642              | 118            |
| Huntington                | 54,194         | 6,494                  | 110                   | 4,777                | 3,965               | 3,345             | 1,842            | 4,240         | 3,403         | 6,108   | 1,754           | 1,845             | 15,765             | 546            |
| Jasper                    | 69,393         | 8,773                  | 272                   | 6,240                | 6,576               | 3,514             | 2,074            | 6,096         | 4,313         | 6,552   | 2,169           | 2,693             | 19,666             | 455            |
| Jay                       | 80,760         | 11,327                 | 473                   | 7,347                | 8,187               | 3,306             | 2,311            | 8,627         | 3,978         | 7,207   | 2,484           | 3,601             | 21,725             | 187            |
| Johnson                   | 63,001         | 8,544                  | 350                   | 5,499                | 6,076               | 2,762             | 1,786            | 7,537         | 2,941         | 5,792   | 1,965           | 2,722             | 16,876             | 151            |
| Kosciusko                 | 109,167        | 15,025                 | 622                   | 9,806                | 10,916              | 4,613             | 3,159            | 11,592        | 5,533         | 9,794   | 3,332           | 4,852             | 29,619             | 304            |
| La Grange                 | 82,354         | 10,074                 | 303                   | 7,324                | 7,365               | 4,364             | 2,514            | 7,286         | 5,236         | 7,493   | 2,345           | 3,138             | 24,290             | 622            |
| Lake                      | 49,393         | 6,368                  | 217                   | 4,431                | 4,399               | 2,594             | 1,523            | 4,489         | 2,789         | 4,576   | 1,459           | 2,086             | 14,121             | 341            |
| La Porte                  | 108,000        | 14,044                 | 488                   | 9,907                | 10,532              | 5,359             | 3,165            | 9,651         | 6,316         | 9,959   | 3,190           | 4,391             | 30,377             | 621            |
| Madison                   | 40,464         | 5,534                  | 193                   | 3,675                | 3,803               | 1,851             | 1,207            | 3,992         | 2,125         | 3,781   | 1,335           | 1,686             | 11,095             | 187            |
| Marion                    | 1,263          | 46                     | --                    | 14                   | 21                  | 48                | 15               | 756           | --            | 112     | 53              | --                | 198                | --             |
| Marshall                  | 80,571         | 9,912                  | 313                   | 7,221                | 7,807               | 3,818             | 2,444            | 6,783         | 5,691         | 7,145   | 2,388           | 3,160             | 23,309             | 580            |
| Miami                     | 83,209         | 11,364                 | 466                   | 7,397                | 7,947               | 3,767             | 2,471            | 8,620         | 4,094         | 7,529   | 2,480           | 3,768             | 22,996             | 310            |
| Montgomery                | 60,263         | 7,283                  | 147                   | 4,880                | 4,064               | 3,799             | 2,029            | 4,970         | 3,383         | 6,258   | 2,047           | 2,337             | 18,393             | 673            |
| Newton                    | 55,270         | 7,330                  | 266                   | 4,881                | 4,737               | 2,889             | 1,769            | 4,815         | 2,876         | 5,102   | 1,611           | 2,516             | 16,086             | 392            |
| Noble                     | 79,331         | 9,675                  | 218                   | 6,758                | 6,327               | 4,623             | 2,535            | 6,352         | 4,924         | 8,016   | 2,666           | 2,954             | 23,553             | 730            |
| Porter                    | 73,962         | 9,231                  | 279                   | 6,660                | 6,167               | 4,329             | 2,243            | 7,009         | 4,123         | 6,996   | 2,131           | 2,952             | 21,228             | 614            |
| Pulaski                   | 70,805         | 8,817                  | 261                   | 6,205                | 6,207               | 3,738             | 2,224            | 5,822         | 4,481         | 6,600   | 2,144           | 2,866             | 20,837             | 603            |
| Randolph                  | 66,399         | 9,856                  | 358                   | 6,295                | 6,466               | 2,729             | 1,830            | 7,475         | 2,831         | 6,174   | 2,310           | 2,790             | 17,122             | 163            |
| Rush                      | 26,796         | 3,027                  | 22                    | 1,983                | 1,782               | 1,682             | 832              | 3,031         | 1,497         | 3,168   | 1,173           | 730               | 7,641              | 228            |
| St. Joseph                | 54,133         | 6,716                  | 198                   | 4,872                | 4,900               | 2,920             | 1,666            | 4,316         | 3,450         | 5,019   | 1,574           | 2,136             | 15,899             | 467            |
| Shelby                    | 40,492         | 5,497                  | 228                   | 3,540                | 3,784               | 1,819             | 1,230            | 4,314         | 1,937         | 3,635   | 1,196           | 1,849             | 11,303             | 160            |
| Starke                    | 73,718         | 9,427                  | 323                   | 6,493                | 6,705               | 3,684             | 2,215            | 7,110         | 4,273         | 6,727   | 2,179           | 3,084             | 20,996             | 502            |
| Steuben                   | 75,576         | 9,243                  | 207                   | 6,341                | 5,818               | 4,469             | 2,431            | 6,179         | 4,480         | 7,676   | 2,520           | 2,833             | 22,672             | 707            |
| Tiptecanoe                | 54,649         | 6,442                  | 125                   | 4,490                | 3,857               | 3,389             | 1,820            | 4,458         | 3,372         | 5,534   | 1,609           | 2,055             | 16,671             | 627            |
| Tipton                    | 10,151         | 1,137                  | 12                    | 698                  | 593                 | 637               | 316              | 1,442         | 453           | 1,197   | 442             | 285               | 2,859              | 80             |
| Wabash                    | 58,270         | 7,160                  | 200                   | 5,124                | 4,746               | 3,402             | 1,777            | 5,738         | 3,296         | 5,627   | 1,777           | 2,243             | 16,699             | 481            |
| Warren                    | 67,412         | 8,759                  | 299                   | 5,779                | 5,990               | 3,328             | 2,041            | 6,799         | 3,779         | 6,382   | 2,135           | 2,803             | 19,112             | 386            |
| Wayne                     | 81,661         | 10,131                 | 314                   | 7,422                | 7,620               | 4,098             | 2,460            | 7,171         | 5,487         | 7,279   | 2,383           | 3,221             | 23,448             | 627            |
| Wells                     | 42,053         | 5,272                  | 132                   | 3,567                | 3,165               | 2,530             | 1,390            | 3,331         | 2,323         | 4,280   | 1,388           | 1,679             | 12,502             | 394            |
| White                     | 28,578         | 3,333                  | 70                    | 2,468                | 2,295               | 1,693             | 935              | 2,244         | 1,895         | 2,809   | 909             | 1,008             | 8,630              | 289            |
| Whitley                   | 51,259         | 6,136                  | 182                   | 4,616                | 4,736               | 2,616             | 1,586            | 4,195         | 3,715         | 4,491   | 1,445           | 2,011             | 15,070             | 460            |
| Total                     | 3,035,800      | 389,742                | 12,365                | 267,423              | 270,192             | 155,480           | 92,542           | 283,653       | 173,738       | 287,485 | 95,186          | 122,408           | 885,430            | 20,156         |
| All counties              | 12,219,752     | 1,910,837              | 316,099               | 919,975              | 1,438,444           | 543,071           | 578,837          | 858,959       | 529,520       | 713,641 | 240,804         | 1,205,171         | 2,661,519          | 302,875        |