



# **FOREST INDUSTRIES IN APPALACHIA COUNTIES OF TENNESSEE**

By

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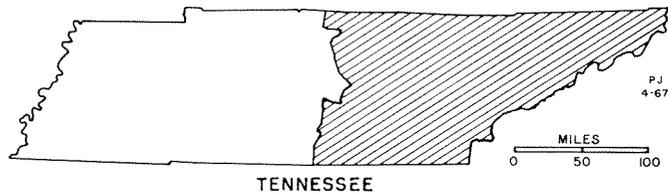
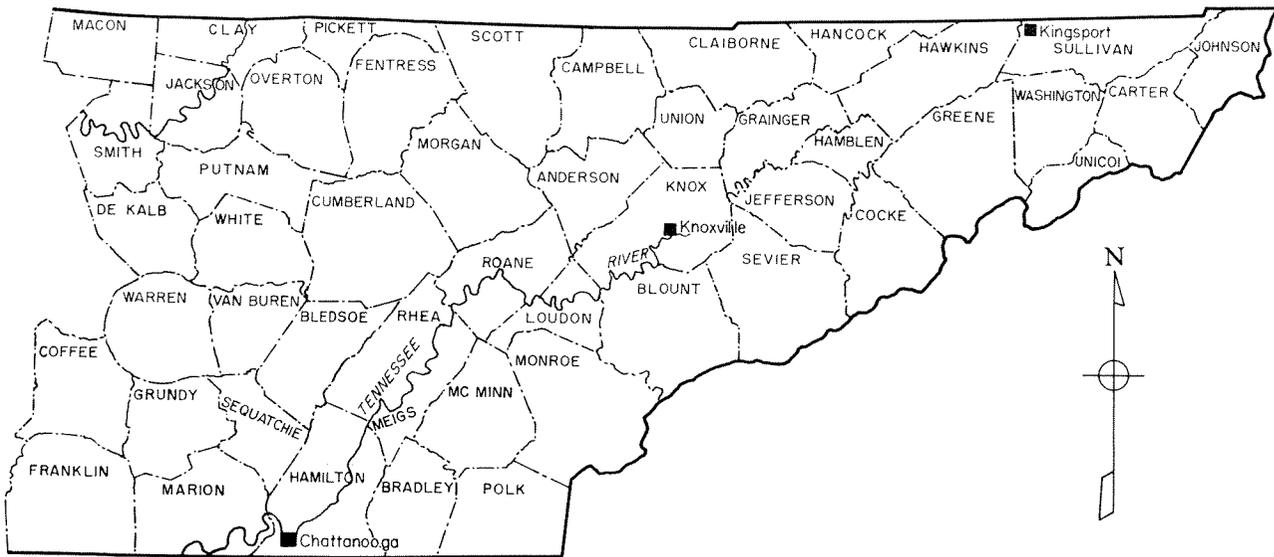
**1967**

*The information in this report is largely from a canvass of primary wood-using industries made by the Southern Forest Experiment Station. Though an effort was made to locate all active plants, a few may have been overlooked. Omission of a firm is no reflection upon its activities, nor does inclusion constitute a recommendation.*

*The Tennessee Department of Conservation's Division of Forestry and the Tennessee Valley Authority's Division of Forestry Relations cooperated in the collection of industry data.*

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*Counties in Appalachia Region of Tennessee.*

# Timber Products Output

This report offers information on 1965 timber products output, plant residue production, and timber cut in the Appalachian Region of eastern Tennessee. The 49 counties that comprise this region are a part of the area defined by the Appalachian Regional Development Act of March 9, 1965.

This region is a mountainous area where 3 out of every 5 acres are forested. Timber makes up a vital part of the economy, yet the productive capacity of the forests is still largely undeveloped.

The region's timberland contains some 4.2 billion cubic feet of growing stock, that is, trees whose quality is such that now or in the future they will yield at least one saw log. Three-fourths of the volume is in hardwood species, the most common of which are red and white oaks, hickory, yellow-poplar, and gums. The softwood volume is mostly southern pines, but white pine, hemlock, and cedar are important in some places.

In 1965, logs, bolts, and other roundwood harvested from these forests totaled 91 million cubic feet. Forest industries used 71 million cubic feet. The other 20 million cubic feet went for domestic needs such as fuelwood and fenceposts. Figure 1 shows how the harvest was distributed. Saw logs made up 40 percent of the output, pulpwood 28 percent, fuelwood 19 percent, and all other products 13 percent.

The industrial wood supplied more than 440 plants within the region plus some 30 plants in adjoining areas. Appalachian plants numbered about 350 sawmills, 4 wood pulpmills, 14 cooperage plants, 17 handle stock mills, 41 charcoal operations, 3 veneer plants, and 19 other plants.

Because timber is a renewable resource, the forest represents a continuing supply of income. With the present industry structure as a base, the Appalachian economy can expand. Developing the region's potential will require increasing the forest pro-

ductivity, closer utilization of the timber, and strengthening the markets for forest products.

## SAW LOGS

Saw logs made up half of the industrial roundwood in 1965. Three-fourths of the 218 million board feet of saw logs were from hardwoods. Softwood logs were mainly southern pines, but cedar, hemlock, and white pine were also sawn. More than half of the hardwoods were oak. Yellow-poplar made up 20 percent, and the remainder was mostly hickory, gum, ash, maple, and walnut.

Saw logs in Appalachia are not usually purchased by grade. But the quality of products sawn is closely related to log quality. In general, requirements are more demanding for hardwood than for pine. Among the several industrial uses of hardwoods, the manufacture of standard factory lumber predominates. The suitability of logs for this purpose, therefore, may be taken as a measure of their variability and utility.

The quality of hardwood logs received at sawmills in the region is shown in figure 2. The graph is based on a sample of 1,070 logs at the decks of 7 sawmills. Grading was by rules developed at the U.S. Forest Products Laboratory, which relate diameter, length, and amount of defect to the expected return of products. Logs of grades 1, 2, and 3 may be considered high, medium, and low in quality for standard factory lumber. Grade 4 includes logs suitable for structural or weight-bearing purposes such as ties or timbers. Logs below grade 4 may be used where requirements for appearance and strength are not stringent.

The sample showed that three-fifths of the logs currently sawn are of grades 3 and 4; another fifth are grade 2. This distribution closely parallels the proportions to be found in the forest. It is unlike



Figure 1.—Output of logs and bolts in Appalachia counties of Tennessee, 1965.

that the region now contains large concentrations of hardwoods having the quality necessary for high-grade factory lumber.

The hardwood logs sampled ranged in size from 6 to 34 inches, measured at the small end. As figure 3 indicates, logs from 12 to 20 inches are the mainstay of the industry. Almost three-fourths of the volume was in these sizes.

Pine log grades are closely related to diameter. The Appalachian pine resource, as indicated by the latest forest survey,<sup>1</sup> contains virtually no grade 1 logs and only 8 percent of grade 2 logs. (The minimum diameter for a grade 2 log is 10 inches at

the small end.) Because of the prevailing small size of the trees, pine logs were not sampled.

About 350 sawmills operated in the region during 1965 (fig. 4). Seven were large mills, each cutting more than 3 million board feet of logs that year. Seventeen percent of the saw logs harvested went to these mills. They are typically year-round operations. The machinery required to maintain high output necessitates permanent facilities.

Medium-sized sawmills get 63 percent of the logs. Their log requirements range from one-half to 3 million board feet annually. They number 133, or slightly more than a third of all sawmills.

Medium-sized mills seem well suited to the conditions prevailing in the Appalachian region. Some

<sup>1</sup> Sternitzke, H.S. Tennessee forests. U.S. Forest Serv. Southern Forest Exp. Sta. Forest Survey Release 86, 29 pp. 1962.

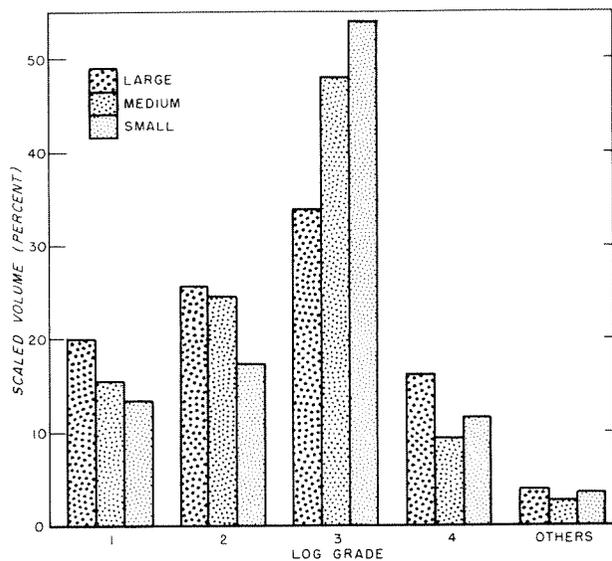


Figure 2.—Grades of hardwood logs received by sawmills in Appalachia counties of Tennessee, 1965.

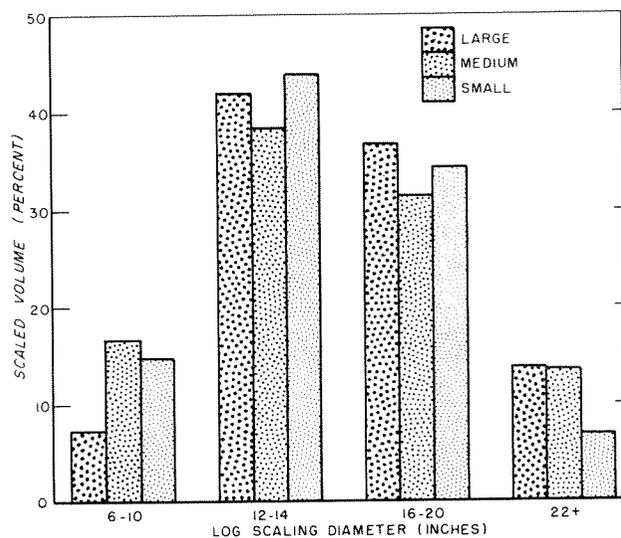


Figure 3.—Diameters of hardwood logs received by sawmills in Appalachia counties of Tennessee, 1965.

are permanently located, but almost half are portable. With underdeveloped roads in some areas, portable mills are competitive even though they do not market their slabs and edgings. Their mobility enables them to truck out only finished lumber and leave the log waste in the woods. They also enjoy operating advantages in poorly stocked stands, a chronic condition in Appalachia.

More than 210 small sawmills were active in 1965. These mills used 15 percent of the logs. Most

are part-time ventures. Some are crosstie producer going into operation when the demand for ties is high, as it was in 1965. Some are farmer-owned mills that saw to order for local consumption. And some simply were not in business long enough during 1965 to be classed as medium mills. Operating a sawmill on an intermittent basis would probably not be profitable with new equipment. But most of the mills are using machinery long since depreciated to a nominal value.

Substantial changes have taken place in the sawmilling industry since 1960, when the last sawmill canvass was made. The number of active mills is slightly more than half of the number operating then. Losses occurred in the small and medium classes in nearly equal proportions. Seven large sawmills were operating then also, but only three of the mills were tallied both times. Lumber production is estimated to have dropped by a third of the 1960 figure. Now, however, the average output per mill is greater.

The remaining 5 percent of the saw logs went to plants outside the region.

## PULPWOOD

Round pulpwood cut in Tennessee's Appalachia counties totaled 337 thousand cords in 1965. This was 88 percent of the State's total, and most of it was used by the region's four pulpmills. Pulpwood bolts ranked second only to saw logs in regional wood production.

Hardwoods made up slightly more than half of the harvest. Three-fourths of the hardwood was oak. Some gum, yellow-poplar, maple, elm, and sycamore was also cut.

Morgan County was the biggest pulpwood-producing county in the region, shipping 33 thousand cords. Monroe and Cumberland Counties also ranked high.

U.S. pulpwood demand is expected to triple by the year 2000, according to projections made by the U.S. Forest Service. Much of the expansion will be in the South, which in recent times has been supplying 63 percent of the Nation's pulpwood. Because Tennessee's output has lagged behind that of surrounding States, it is probable that Tennessee production will rally in the near future. Mill construction already announced for surrounding areas tends to confirm this surmise.

Plans have been announced for a mill nearby in Kentucky. A site in southeastern Tennessee is under consideration for a newsprint mill. And two pul

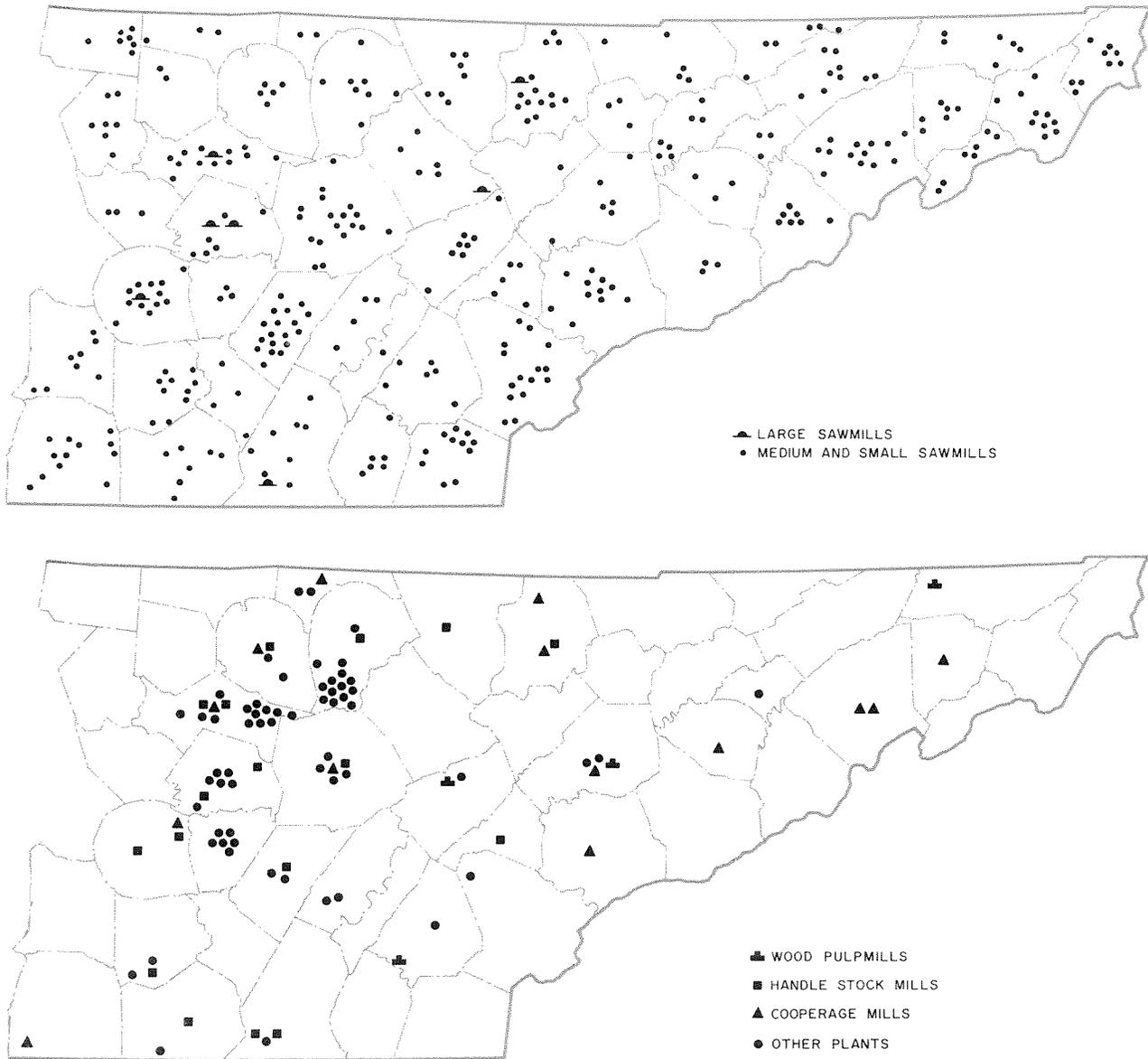


Figure 4.—Location of primary wood-using industries in Appalachia counties of Tennessee, 1965.

companies hold options on Tennessee River sites in Alabama. Even if these mills do not draw directly from Appalachia, the resulting shifts in wood procurement patterns will increase the demand for Appalachian wood.

#### HANDLE STOCK

Handle stock is a leading specialty item in the region. In 1965, 17 mills were making handles and related products such as ladder and chair rungs and ski blanks. Most of the wood is hickory for handles of striking tools, but ash and even oak are also used.

Hickory's combined qualities of toughness, hardness, strength, and shock resistance are unequalled by any other commercial species.

The total output was 1.8 million cubic feet. Bolts and billets usually range from 40 to 60 inches in length and from 8 to 20 inches in diameter. Some logs are also used.

#### COOPERAGE

One million cubic feet of logs and bolts were harvested for cooperage during 1965. White oak for bourbon barrels was the mainstay of the industry

accounting for approximately two-thirds of the output. A small amount of tight cooperage was also produced for other types of barrels. The remaining third was for slack cooperage, chiefly tobacco hogsheads. Red oak, hickories, and even pines are used for this purpose.

Future trends in consumption of timber for tight cooperage will be dependent on Federal regulations relating to the use of bourbon barrels. With a continuation of present regulations, it seems likely that the demand for tight cooperage will show some increase. Slack cooperage, however, is not likely to maintain its position in the face of competition from other types of containers.

### OTHER PRODUCTS

The output of wood for all other products in Appalachia made up 29 percent of the total.

Three-fourths of this wood was for domestic use, chiefly fuel. In other areas in the South, increasing per capita income and decreasing rural populations have reduced domestic wood use over the years. Usually this product represents less than 10 percent of the harvest. In Appalachia the demand is still relatively high, though it almost certainly will decline.

Miscellaneous industrial products totaled 6.2 million cubic feet. These include bolts or logs for charcoal, mine timbers, furniture stock, veneer, hardwood dimension, pine poles and posts, and flakeboard.

Charcoal was first among these products, accounting for 20 thousand cords of wood. Roundwood for roof props in underground mines ran a close second.

Veneer logs were an important minor product. The high value of quality logs permits shipment over long distances. Nineteen percent of the region's veneer log production was of walnut, none of which was used by local plants. Hickory made up half of the veneer log production. Most of the remainder was yellow-poplar and cedar.

### PLANT RESIDUES

For every cubic foot of roundwood that goes to Appalachian mills, more than two-fifths becomes manufacturing residue. Total volume of residues in 1965 was more than 20 million cubic feet of wood. Fifty-five percent of this volume was coarse residues—slabs, edgings, miscuts, cull pieces, and other material suitable for conversion to pulp chips. The remaining residue is classed as fine, and includes sawdust and shavings.

Seven million cubic feet of residues were used principally coarse residues for fuel and fiber (fig. 5) Some coarse and fine material also went for miscellaneous purposes like livestock and poultry bedding, soil mulch, charcoal, and tobacco stakes.

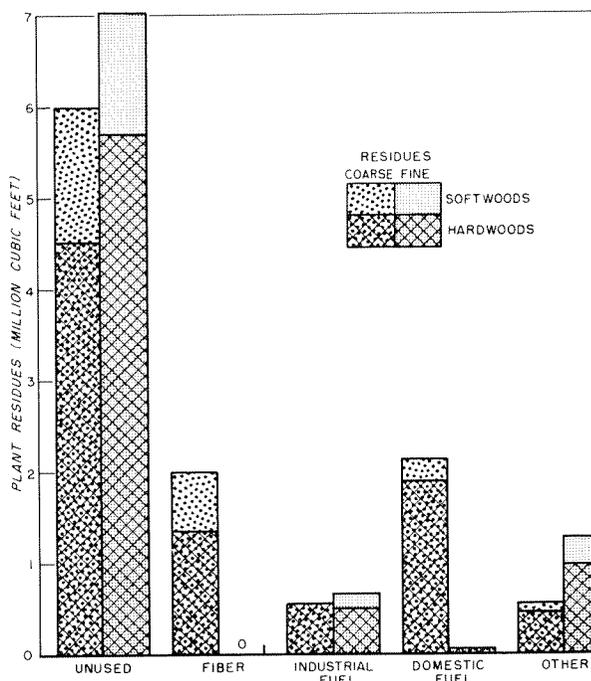


Figure 5.—Residue disposition, coarse and fine, Appalachian counties of Tennessee, 1965.

About 25 plants sold coarse residues for fiber. The 2 million cubic feet thus salvaged was less than a fifth of the total produced. When a market is available, sales of residue often contribute substantially to profits from sawmilling. Portable sawmills are seldom situated so that they can market their residues. The result is that much usable wood is left at the mill site.

### OPPORTUNITIES FOR FOREST INDUSTRY EXPANSION

Appalachian hardwoods are highly regarded in the Nation's lumber and furniture markets. They are a mainstay for the South's thriving furniture industry. But thus far man can take little credit for this valuable timber supply. Appalachia's forests have long been heavily exploited and also ravaged by fire, disease, and insects.

Stocking in many stands is far less than most forest managers might desire. More than a fourth of the total acreage has less than 50 percent of the growing stock trees it could support. Only one-third is well stocked—that is, has at least 70 percent of

full stocking. In addition, the stands everywhere are encumbered with culls—trees that, because of defect, rot, or species, are worthless for saw logs. On the average acre, one-fifth of the growing space is wasted on such trees. Growth on growing stock trees averages 26 cubic feet per acre each year, or 0.37 cord. This is about one-third of what it could be under improved management.

An important aspect of the timber supply situation is the pattern of ownership. Almost 80 percent of the region's forests are held by farmers or other private owners whose interest in timber growing is secondary. If supplies of high-quality saw logs and veneer logs are to be increased, action must be taken to adapt already proven systems of forest management to the needs of these owners. Upgrading timber quality will not be easy. Even when the owners occupy the land—and they often do not—they lack the knowledge, the equipment, or the time to manage their stands. Too, there is a strong temptation to take short-term gains rather than to wait for higher but more remote returns on forest capital.

Though the stands are depleted, they still are a good base for expanding the region's forest economy. Total net growth (with mortality allowed for) is 190 million cubic feet annually. The volume harvested in 1965 was only half of this amount. Thus it is possible to increase the region's industrial output substantially and still reserve some of the growth to build up forest stocking.

Timber harvesting and utilization practices can be improved. Under the present distribution of timber

ownership, small and sometimes inefficient sawmill can operate profitably, but stumpage values often suffer. The practice of carrying the sawmill to the woods must eventually give way to the more efficient practice of carrying the wood to the sawmill. Among other things, such a change would permit the salvage of a large volume of residues now burned or left in the woods.

The pulpwood market offers an excellent opportunity for improving forest productivity. From all indications, the pulp industries will soon expand their procurement in the region. Many of the low-grade hardwoods that encumber the forests will yield pulpwood bolts, and thus improvement cuts will become increasingly feasible. Furthermore, the strong, year-round demand for pulpwood does much to stabilize wood harvesting.

The demand for timber products in the U.S. is expected to nearly double during the last half of the twentieth century. Furthermore, widespread land clearing in the lower Mississippi River Valley has removed prime hardwood land from timber production. This trend is expected to continue. Thus, hardwood users will have to turn to Appalachia for their rising needs.

The forests of the Appalachia portion of Tennessee can support an expanding industry. And there is little doubt that they will be required to do so. Whether the drain depletes the forest or improves it will be decided by the efforts of forest managers and forest industry.

# Statistical Tables

Table 1.—Output of roundwood products, 1965

| Product                            | Volume in standard units |             |                  |           | Roundwood volume             |                  |           |
|------------------------------------|--------------------------|-------------|------------------|-----------|------------------------------|------------------|-----------|
|                                    | Standard units           | All species | Softwoods        | Hardwoods | All species                  | Softwoods        | Hardwoods |
|                                    |                          |             |                  |           | — — — <i>M cu. ft.</i> — — — |                  |           |
| Saw logs                           | M bd.ft. <sup>1</sup>    | 217,890     | 54,750           | 163,140   | 36,378                       | 8,999            | 27,379    |
| Veneer logs                        | M bd.ft. <sup>1</sup>    | 3,862       | 420              | 3,442     | 662                          | 70               | 592       |
| Cooperage logs and bolts           | M bd.ft. <sup>1</sup>    | 7,017       | ( <sup>2</sup> ) | 7,017     | 1,007                        | ( <sup>2</sup> ) | 1,007     |
| Pulpwood                           | Std. cords               | 337,070     | 162,262          | 174,808   | 25,835                       | 12,235           | 13,600    |
| Mine timbers (round and split)     | M cu. ft.                | 1,354       | 157              | 1,197     | 1,354                        | 157              | 1,197     |
| Poles                              | M pieces                 | 25          | 25               | ...       | 109                          | 109              | ...       |
| Misc. industrial wood <sup>3</sup> | M cu. ft.                | 5,680       | 375              | 5,305     | 5,680                        | 375              | 5,305     |
| Posts (round and split)            | M pieces                 | 4,084       | 1,025            | 3,059     | 2,619                        | 661              | 1,958     |
| Fuelwood <sup>4</sup>              | Std. cords               | 232,456     | 6,605            | 225,851   | 17,437                       | 498              | 16,939    |
| Total                              |                          |             |                  |           | 91,081                       | 23,104           | 67,977    |

<sup>1</sup>International ¼-inch rule.

<sup>2</sup>Pine production is included in hardwood output to avoid revealing operations of individual companies.

<sup>3</sup>Includes handle stock, chemical wood, furniture and other dimension, and shuttle blocks.

<sup>4</sup>Includes miscellaneous domestic use.

Table 2.—Industrial roundwood (except pulpwood) by species

| Species group      | Saw logs                                       | Veneer logs | Cooperage logs   | Miscellaneous products |
|--------------------|--|-------------|------------------|------------------------|
|                    | — — — <i>M. cu. ft.</i> — — — <i>M cu. ft.</i> |             |                  |                        |
| Softwood:          |  |             |                  |                        |
| Pines <sup>2</sup> | 51,309   | ...         | ( <sup>3</sup> ) | 794                    |
| Cedar              | 3,441  | 420         | ...              | 35                     |
| Total              | 54,750   | 420         | ( <sup>3</sup> ) | 829                    |
| Hardwood:          |  |             |                  |                        |
| Gums               | 4,490  | ...         | 55               | 486                    |
| Yellow-poplar      | 33,141   | 702         | 25               | 653                    |
| Red oaks           | 55,058   | 31          | 836              | 1,128                  |
| White oaks         | 34,447   | 33          | 4,812            | 765                    |
| Ash                | 1,741  | ...         | ...              | 493                    |
| Hickories          | 9,806  | 1,914       | 689              | 1,745                  |
| Walnut             | 2,485  | 718         | ...              | 7                      |
| Other hardwoods    | 21,972   | 44          | 600              | 1,225                  |
| Total              | 163,140  | 3,442       | 7,017            | 6,502                  |
| All species        | 217,890  | 3,862       | 7,017            | 7,331                  |

<sup>1</sup>International ¼-inch rule.

<sup>2</sup>Includes white pine and hemlock.

<sup>3</sup>Pine production is included in output of other hardwoods to avoid revealing individual company operations.

Table 3.—Primary plant residues

| Species and type   | At sawmills                           |                     | At other plants |        | All industries <sup>1</sup> |        |
|--------------------|---------------------------------------|---------------------|-----------------|--------|-----------------------------|--------|
|                    | Fine <sup>2</sup>                     | Coarse <sup>3</sup> | Fine            | Coarse | Fine                        | Coarse |
|                    | — — — — — <i>M. cu. ft.</i> — — — — — |                     |                 |        |                             |        |
| Softwood           |                                       |                     |                 |        |                             |        |
| Used               |                                       |                     |                 |        |                             |        |
| Fuel <sup>4</sup>  | 111                                   | 245                 | 58              | 1      | 169                         | 246    |
| Fiber <sup>5</sup> | ...                                   | 636                 | ...             | ...    | ...                         | 636    |
| Other <sup>6</sup> | 306                                   | 29                  | ...             | 30     | 306                         | 59     |
| Unused             | 1,230                                 | 1,411               | 103             | 58     | 1,333                       | 1,469  |
| Hardwood           |                                       |                     |                 |        |                             |        |
| Used               |                                       |                     |                 |        |                             |        |
| Fuel               | 527                                   | 1,782               | 9               | 656    | 536                         | 2,438  |
| Fiber              | ...                                   | 1,362               | ...             | ...    | ...                         | 1,362  |
| Other              | 854                                   | 316                 | 115             | 164    | 969                         | 480    |
| Unused             | 4,395                                 | 3,905               | 1,300           | 617    | 5,695                       | 4,522  |
| All species        |                                       |                     |                 |        |                             |        |
| Used               | 1,798                                 | 4,370               | 182             | 851    | 1,980                       | 5,221  |
| Unused             | 5,625                                 | 5,316               | 1,403           | 675    | 7,028                       | 5,991  |
| Total              | 7,423                                 | 9,686               | 1,585           | 1,526  | 9,008                       | 11,212 |

<sup>1</sup> Excludes woodpulp industry.<sup>2</sup> Fine residues include sawdust, screenings, and other material generally too small for chipping.<sup>3</sup> Coarse residues include slabs, edgings, trimmings, and other material generally suitable for chipping.<sup>4</sup> Includes all residues used as fuel by industrial plants and domestic fuel either sold or given away.<sup>5</sup> Includes all residues used in the manufacture of fiber products, such as pulp and hardboard.<sup>6</sup> Includes residues used as livestock bedding, mulch, floor sweepings, and specialty items.

Table 4.—Saw log production by county

| County     | All species  | Softwoods | Hardwoods | County     | All Species  | Softwoods | Hardwoods |
|------------|--|-----------|-----------|------------|--|-----------|-----------|
|            | — — — — — <i>M. bd. ft.</i> <sup>1</sup> — — — — — |           |           |            | — — — — — <i>M. bd. ft.</i> <sup>1</sup> — — — — — |           |           |
| Anderson   | 7,072  | 823       | 6,249     | McMinn     | 2,699  | 1,635     | 1,064     |
| Bledsoe    | 4,555  | 492       | 4,063     | Macon      | 6,872  | 309       | 6,563     |
| Blount     | 1,612  | 765       | 847       | Marion     | 8,405  | 1,719     | 6,686     |
| Bradley    | 4,230  | 3,012     | 1,218     | Meigs      | 1,186  | 483       | 703       |
| Campbell   | 13,773   | 2,812     | 10,961    | Monroe     | 10,326   | 8,159     | 2,167     |
| Carter     | 3,446  | 1,167     | 2,279     | Morgan     | 5,800  | 1,555     | 4,245     |
| Claiborne  | 2,195  | 196       | 1,999     | Overton    | 6,143  | 118       | 6,025     |
| Clay       | 3,768  | 15        | 3,753     | Pickett    | 2,845  | ...       | 2,845     |
| Cocke      | 3,907  | 1,540     | 2,367     | Polk       | 14,112   | 10,643    | 3,469     |
| Coffee     | 4,619  | ...       | 4,619     | Putnam     | 11,532   | 41        | 11,491    |
| Cumberland | 5,132  | 1,568     | 3,564     | Rhea       | 991  | 150       | 841       |
| De Kalb    | 3,501  | 59        | 3,442     | Roane      | 4,592  | 2,775     | 1,817     |
| Fentress   | 5,619  | 2,384     | 3,235     | Scott      | 9,306  | 891       | 8,415     |
| Franklin   | 6,930  | 1,257     | 5,673     | Sequatchie | 5,131  | 516       | 4,615     |
| Grainger   | 1,474  | 215       | 1,259     | Sevier     | 1,746  | 706       | 1,040     |
| Greene     | 3,771  | 1,350     | 2,421     | Smith      | 2,576  | 340       | 2,236     |
| Grundy     | 3,492  | 1,056     | 2,436     | Sullivan   | 1,194  | 91        | 1,103     |
| Hamblen    | 703  | ...       | 703       | Unicoi     | 1,858  | 977       | 881       |
| Hamilton   | 3,568  | 1,073     | 2,495     | Union      | 1,554  | 348       | 1,206     |
| Hancock    | 915  | 44        | 871       | Van Buren  | 2,024  | 45        | 1,979     |
| Hawkins    | 1,758  | 74        | 1,684     | Warren     | 4,103  | 51        | 4,052     |
| Jackson    | 7,819  | 219       | 7,600     | Washington | 1,036  | 137       | 899       |
| Jefferson  | 1,576  | 110       | 1,466     | White      | 8,546  | 164       | 8,382     |
| Johnson    | 5,096  | 1,658     | 3,438     | Total      | 217,890  | 54,750    | 163,140   |
| Knox       | 2,081  | 663       | 1,418     |            |  |           |           |
| Loudon     | 701  | 345       | 356       |            |  |           |           |

<sup>1</sup> International 1/4-inch rule.

Table 5.—Saw log movement by county

| County <sup>1</sup> | Logged and remained in county | Outgoing shipments | Incoming receipts | Total log receipts by county |
|---------------------|-------------------------------|--------------------|-------------------|------------------------------|
|                     | <i>M bd. ft.</i> <sup>2</sup> |                    |                   |                              |
| Bledsoe             | 4,379                         | 176                | 1,903             | 6,282                        |
| Blount              | 1,543                         | 69                 | 913               | 2,456                        |
| Bradley             | 2,873                         | 1,357              | 426               | 3,299                        |
| Campbell            | 10,346                        | 3,427              | 5,129             | 15,475                       |
| Carter              | 3,173                         | 273                | 119               | 3,292                        |
| Claiborne           | 1,614                         | 581                | 324               | 1,938                        |
| Clay                | 1,697                         | 2,071              | 873               | 2,570                        |
| Cocke               | 3,073                         | 834                | 148               | 3,221                        |
| Coffee              | 3,297                         | 1,322              | 2,931             | 6,228                        |
| Cumberland          | 3,998                         | 1,134              | 588               | 4,586                        |
| De Kalb             | 120                           | 3,381              | 77                | 197                          |
| Fentress            | 3,644                         | 1,975              | ...               | 3,644                        |
| Franklin            | 4,287                         | 2,643              | 2,278             | 6,565                        |
| Grainger            | 710                           | 764                | 1,068             | 1,778                        |
| Greene              | 2,828                         | 943                | 279               | 3,107                        |
| Grundy              | 2,493                         | 999                | 1,282             | 3,775                        |
| Hamblen             | 699                           | 4                  | 3,993             | 4,692                        |
| Hamilton            | 3,293                         | 275                | 5,752             | 9,045                        |
| Hancock             | 321                           | 594                | 32                | 353                          |
| Hawkins             | 957                           | 801                | 148               | 1,105                        |
| Jefferson           | 466                           | 1,110              | 118               | 584                          |
| Johnson             | 5,096                         | ...                | 273               | 5,369                        |
| Knox                | 962                           | 1,119              | 445               | 1,407                        |
| Loudon              | 132                           | 569                | 2,302             | 2,434                        |
| McMinn              | 530                           | 2,169              | 1,037             | 1,567                        |
| Macon               | 4,439                         | 2,433              | 4,459             | 8,898                        |
| Marion              | 4,793                         | 3,612              | 16                | 4,809                        |
| Monroe              | 7,830                         | 2,496              | 3,672             | 11,502                       |
| Morgan              | 5,472                         | 328                | 9,079             | 14,551                       |
| Overton             | 2,254                         | 3,889              | 2,769             | 5,023                        |
| Polk                | 9,649                         | 4,463              | 1,068             | 10,717                       |
| Putnam              | 10,405                        | 1,127              | 9,144             | 19,549                       |
| Rhea                | 331                           | 660                | 21                | 352                          |
| Roane               | 4,592                         | ...                | 379               | 4,971                        |
| Scott               | 5,332                         | 3,974              | 1,987             | 7,319                        |
| Sequatchie          | 2,029                         | 3,102              | 673               | 2,702                        |
| Sevier              | 962                           | 784                | 403               | 1,365                        |
| Smith               | 2,179                         | 397                | 3,671             | 5,850                        |
| Sullivan            | 916                           | 278                | 807               | 1,723                        |
| Unicoi              | 1,841                         | 17                 | 394               | 2,235                        |
| Union               | 384                           | 1,170              | 25                | 409                          |
| Van Buren           | 769                           | 1,255              | 51                | 820                          |
| Warren              | 3,516                         | 587                | 4,657             | 8,173                        |
| Washington          | 917                           | 119                | 692               | 1,609                        |
| White               | 5,759                         | 2,787              | 1,813             | 7,572                        |
| All other counties  | 4,341                         | 14,581             | 2,573             | 6,914                        |
| Total               | 141,241                       | 76,649             | 80,791            | 222,032                      |

<sup>1</sup>Omitted counties have less than three sawmills.<sup>2</sup>International ¼-inch rule.Table 6.—Pulpwood production by county<sup>1</sup>

| County     | All species       | Softwoods | Hardwo |
|------------|-------------------|-----------|--------|
|            | <i>Std. cords</i> |           |        |
| Anderson   | 7,594             | 5,065     | 2,     |
| Bledsoe    | 4,882             | 3,382     | 1,     |
| Blount     | 15,353            | 10,587    | 4,     |
| Bradley    | 16,654            | 12,291    | 4,     |
| Campbell   | 7,954             | 5,975     | 1,     |
| Carter     | 8,033             | 1,469     | 6,     |
| Claiborne  | 2,475             | 1,067     | 1,     |
| Clay       | ...               | ...       | ...    |
| Cocke      | 12,010            | 9,930     | 2,     |
| Coffee     | ...               | ...       | ...    |
| Cumberland | 24,980            | 5,675     | 19,    |
| De Kalb    | ...               | ...       | ...    |
| Fentress   | 6,271             | 4,513     | 1,     |
| Franklin   | ...               | ...       | ...    |
| Grainger   | 518               | ...       | ...    |
| Greene     | 1,043             | ...       | 1,     |
| Grundy     | 1,994             | 1,994     | ...    |
| Hamblen    | ...               | ...       | ...    |
| Hamilton   | 9,828             | 5,070     | 4,     |
| Hancock    | 196               | ...       | ...    |
| Hawkins    | 6,213             | 382       | 5,     |
| Jackson    | ...               | ...       | ...    |
| Jefferson  | 57                | ...       | ...    |
| Johnson    | 1,820             | ...       | 1,     |
| Knox       | 6,951             | 3,347     | 3,     |
| Loudon     | 5,360             | 2,769     | 2,     |
| McMinn     | 20,931            | 14,481    | 6,     |
| Macon      | ...               | ...       | ...    |
| Marion     | 135               | 135       | ...    |
| Meigs      | 12,365            | 7,170     | 5,     |
| Monroe     | 24,289            | 12,036    | 12,    |
| Morgan     | 33,100            | 5,534     | 27,    |
| Overton    | ...               | ...       | ...    |
| Pickett    | ...               | ...       | ...    |
| Polk       | 19,343            | 11,132    | 8,     |
| Putnam     | 2,081             | 1,787     | ...    |
| Rhea       | 17,294            | 5,993     | 11,    |
| Roane      | 12,699            | 6,908     | 5,     |
| Scott      | 13,879            | 4,296     | 9,     |
| Sequatchie | 2,447             | 1,084     | 1,     |
| Sevier     | 4,248             | 4,096     | ...    |
| Smith      | ...               | ...       | ...    |
| Sullivan   | 10,155            | ...       | 10,    |
| Unicoi     | 5,584             | 1,469     | 4,     |
| Union      | 10,379            | 9,033     | 1,     |
| Van Buren  | ...               | ...       | ...    |
| Warren     | ...               | ...       | ...    |
| Washington | 7,172             | 3,439     | 3,     |
| White      | 783               | 153       | ...    |
| Total      | 337,070           | 162,262   | 174,   |

<sup>1</sup>Includes only roundwood.

Table 7.—*Production of other industrial wood by county*

| County     | All species                      | Softwoods | Hardwoods |
|------------|----------------------------------|-----------|-----------|
|            | — — — — <i>M cu. ft.</i> — — — — |           |           |
| Anderson   | 468                              | 84        | 384       |
| Bledsoe    | 25                               | ...       | 25        |
| Blount     | 101                              | ...       | 101       |
| Bradley    | 68                               | 37        | 31        |
| Campbell   | 95                               | 9         | 86        |
| Carter     | ...                              | ...       | ...       |
| Claiborne  | 204                              | 44        | 160       |
| Clay       | 4                                | ...       | 4         |
| Cocke      | 135                              | 17        | 118       |
| Coffee     | 137                              | 11        | 126       |
| Cumberland | 498                              | 11        | 487       |
| De Kalb    | 75                               | 2         | 73        |
| Fentress   | 414                              | ...       | 414       |
| Franklin   | 236                              | ...       | 236       |
| Grainger   | 41                               | ...       | 41        |
| Greene     | 367                              | 36        | 331       |
| Grundy     | 215                              | 2         | 213       |
| Hamblen    | 139                              | 10        | 129       |
| Hamilton   | 52                               | 16        | 36        |
| Hancock    | 383                              | 80        | 303       |
| Hawkins    | 379                              | 76        | 303       |
| Jackson    | 33                               | ...       | 33        |
| Jefferson  | 13                               | ...       | 13        |
| Johnson    | 44                               | ...       | 44        |
| Knox       | 114                              | ...       | 114       |
| Loudon     | 91                               | 24        | 67        |
| McMinn     | 106                              | 68        | 38        |
| Macon      | ...                              | ...       | ...       |
| Marion     | 425                              | 45        | 380       |
| Meigs      | 90                               | 90        | ...       |
| Monroe     | 113                              | 57        | 56        |
| Morgan     | 335                              | 48        | 287       |
| Overton    | 553                              | ...       | 553       |
| Pickett    | 272                              | ...       | 272       |
| Polk       | 11                               | ...       | 11        |
| Putnam     | 214                              | 2         | 212       |
| Rhea       | 193                              | 34        | 159       |
| Roane      | 134                              | 42        | 92        |
| Scott      | 329                              | 15        | 314       |
| Sequatchie | 146                              | 23        | 123       |
| Sevier     | 51                               | ...       | 51        |
| Smith      | 7                                | ...       | 7         |
| Sullivan   | 63                               | 12        | 51        |
| Unicoi     | ...                              | ...       | ...       |
| Union      | 38                               | ...       | 38        |
| Van Buren  | 501                              | 3         | 498       |
| Warren     | 226                              | 14        | 212       |
| Washington | 67                               | ...       | 67        |
| White      | 795                              | 4         | 791       |
| Total      | 9,000                            | 916       | 8,084     |

Table 8.—*Industrial roundwood receipts, except pulpwood by county*

| County <sup>1</sup> | All species                      | Softwoods | Hardwood |
|---------------------|----------------------------------|-----------|----------|
|                     | — — — — <i>M cu. ft.</i> — — — — |           |          |
| Bledsoe             | 1,081                            | 211       | 870      |
| Blount              | 687                              | 149       | 538      |
| Bradley             | 545                              | 422       | 123      |
| Campbell            | 2,672                            | 523       | 2,149    |
| Carter              | 548                              | 189       | 359      |
| Claiborne           | 370                              | 25        | 345      |
| Clay                | 436                              | ...       | 436      |
| Cocke               | 533                              | 267       | 266      |
| Coffee              | 1,061                            | ...       | 1,061    |
| Cumberland          | 1,173                            | 98        | 1,075    |
| De Kalb             | 34                               | ...       | 34       |
| Fentress            | 1,052                            | 341       | 711      |
| Franklin            | 1,168                            | ...       | 1,168    |
| Grainger            | 298                              | 74        | 224      |
| Greene              | 882                              | 245       | 637      |
| Grundy              | 679                              | 218       | 461      |
| Hamblen             | 1,735                            | 182       | 1,553    |
| Hamilton            | 1,668                            | 315       | 1,353    |
| Hancock             | 61                               | 7         | 54       |
| Hawkins             | 183                              | 6         | 177      |
| Jefferson           | 187                              | ...       | 187      |
| Johnson             | 892                              | 277       | 615      |
| Knox                | 972                              | 53        | 919      |
| Loudon              | 482                              | 261       | 221      |
| McMinn              | 277                              | 153       | 124      |
| Macon               | 1,488                            | ...       | 1,488    |
| Marion              | 1,430                            | 137       | 1,293    |
| Monroe              | 2,326                            | 1,939     | 387      |
| Morgan              | 2,590                            | 277       | 2,313    |
| Overton             | 1,312                            | 61        | 1,251    |
| Pickett             | 835                              | ...       | 835      |
| Polk                | 1,776                            | 1,313     | 463      |
| Putnam              | 3,646                            | ...       | 3,646    |
| Rhea                | 144                              | 26        | 118      |
| Roane               | 1,370                            | 658       | 712      |
| Scott               | 1,547                            | 397       | 1,150    |
| Sequatchie          | 593                              | 58        | 535      |
| Sevier              | 227                              | 135       | 92       |
| Smith               | 980                              | 191       | 789      |
| Sullivan            | 288                              | 31        | 257      |
| Unicoi              | 374                              | 166       | 208      |
| Union               | 66                               | 26        | 40       |
| Van Buren           | 400                              | 5         | 395      |
| Warren              | 2,328                            | 6         | 2,322    |
| Washington          | 292                              | 39        | 253      |
| White               | 2,036                            | 49        | 1,987    |
| Total               | 45,724                           | 9,530     | 36,194   |

<sup>1</sup>Omitted counties have less than three plants. Total receipts in these counties amount to 846 M cu. ft.

Table 9.—Plant residues by county<sup>1</sup>

| County     | Used               |                  |                  |                  |                  | Unused              |                  |                  |                  |                  |
|------------|--------------------|------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|
|            | All species        | Softwoods        |                  | Hardwoods        |                  | All species         | Softwoods        |                  | Hardwoods        |                  |
|            |                    | Fine             | Coarse           | Fine             | Coarse           |                     | Fine             | Coarse           | Fine             | Coarse           |
| M cu. ft.  |                    |                  |                  |                  | M cu. ft.        |                     |                  |                  |                  |                  |
| Anderson   | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )    | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Bledsoe    | 51                 | ...              | 36               | ...              | 15               | 459                 | 40               | 20               | 186              | 213              |
| Blount     | 101                | 20               | 9                | 61               | 11               | 256                 | 9                | 31               | 68               | 148              |
| Bradley    | 58                 | 36               | 12               | 6                | 4                | 195                 | 44               | 101              | 21               | 29               |
| Campbell   | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 851                 | 97               | 137              | 444              | 173              |
| Carter     | 220                | 23               | 51               | 50               | 96               | 42                  | 13               | ...              | 28               | 1                |
| Claiborne  | 17                 | 1                | 1                | 6                | 9                | 140                 | 3                | 4                | 60               | 73               |
| Clay       | 99                 | ...              | ...              | ...              | 99               | 109                 | ...              | ...              | 93               | 16               |
| Cocke      | 190                | 31               | 64               | 32               | 63               | 62                  | 20               | 8                | 26               | 8                |
| Coffee     | 267                | ...              | ...              | 77               | 190              | 239                 | ...              | ...              | 149              | 90               |
| Cumberland | 168                | 3                | 2                | 96               | 67               | 382                 | 15               | 24               | 155              | 188              |
| De Kalb    | 5                  | ...              | ...              | ...              | 5                | 11                  | ...              | ...              | 7                | 4                |
| Fentress   | 82                 | 1                | ...              | 30               | 51               | 308                 | 64               | 92               | 90               | 62               |
| Franklin   | 332                | ...              | ...              | 167              | 165              | 226                 | ...              | ...              | 76               | 150              |
| Grainger   | 7                  | ...              | 1                | 1                | 5                | 136                 | 14               | 19               | 48               | 55               |
| Greene     | 304                | 41               | 60               | 56               | 147              | 120                 | 6                | 5                | 84               | 25               |
| Grundy     | 75                 | 25               | ...              | 48               | 2                | 230                 | 16               | 58               | 45               | 111              |
| Hamblen    | 92                 | ...              | ...              | 41               | 51               | 728                 | 51               | 34               | 341              | 302              |
| Hamilton   | 557                | 17               | 32               | 244              | 264              | 165                 | 35               | 33               | 43               | 54               |
| Hancock    | 12                 | ...              | 2                | 2                | 8                | 16                  | 1                | ...              | 9                | 6                |
| Hawkins    | 41                 | ...              | 2                | 3                | 36               | 49                  | 1                | ...              | 36               | 12               |
| Jackson    | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )    | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Jefferson  | 13                 | ...              | ...              | ...              | 13               | 85                  | ...              | ...              | 44               | 41               |
| Johnson    | 131                | 11               | 19               | 36               | 65               | 296                 | 42               | 55               | 98               | 101              |
| Knox       | 399                | 10               | 11               | 43               | 335              | 54                  | 1                | 3                | 25               | 25               |
| Loudon     | 17                 | ...              | 1                | ...              | 16               | 209                 | 50               | 69               | 53               | 37               |
| McMinn     | 45                 | 21               | 2                | 8                | 14               | 85                  | 8                | 39               | 21               | 17               |
| Macon      | 171                | ...              | ...              | ...              | 171              | 552                 | ...              | ...              | 323              | 229              |
| Marion     | 183                | ...              | ...              | 57               | 126              | 373                 | 19               | 26               | 197              | 131              |
| Meigs      | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )    | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Monroe     | 407                | 129              | 217              | 20               | 41               | 543                 | 210              | 208              | 63               | 62               |
| Morgan     | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 267                 | 50               | 71               | 65               | 81               |
| Overton    | 138                | ...              | ...              | ...              | 138              | 456                 | 12               | 16               | 264              | 164              |
| Pickett    | 122                | ...              | ...              | 25               | 97               | 281                 | ...              | ...              | 156              | 125              |
| Polk       | 143                | 23               | 92               | 18               | 10               | 682                 | 227              | 261              | 81               | 113              |
| Putnam     | 351                | ...              | ...              | 6                | 345              | 1,337               | ...              | ...              | 782              | 555              |
| Rhea       | 22                 | ...              | ...              | 1                | 21               | 25                  | 4                | 6                | 7                | 8                |
| Roane      | 235                | ...              | 123              | ...              | 112              | 408                 | 141              | 41               | 179              | 47               |
| Scott      | 291                | 32               | 92               | 41               | 126              | 396                 | 41               | 11               | 203              | 141              |
| Sequatchie | 3                  | ...              | ...              | 3                | ...              | 215                 | 7                | 10               | 87               | 111              |
| Sevier     | 98                 | 26               | 33               | 19               | 20               | 8                   | ...              | 4                | ...              | 4                |
| Smith      | 39                 | ...              | ...              | ...              | 39               | 429                 | 36               | 51               | 170              | 172              |
| Sullivan   | 124                | 4                | 8                | 43               | 69               | 15                  | 2                | ...              | 13               | ...              |
| Unicoi     | 88                 | 4                | 32               | 11               | 41               | 88                  | 28               | 13               | 33               | 14               |
| Union      | 7                  | ...              | 3                | ...              | 4                | 25                  | 5                | 4                | 9                | 7                |
| Van Buren  | 24                 | ...              | 1                | ...              | 23               | 43                  | 1                | ...              | 29               | 13               |
| Warren     | 369                | ...              | ...              | 147              | 222              | 667                 | 1                | 2                | 387              | 277              |
| Washington | 132                | 8                | 11               | 54               | 59               | 11                  | ...              | ...              | 1                | 10               |
| White      | 44                 | ...              | ...              | 18               | 26               | 657                 | 11               | 13               | 326              | 307              |
| Total      | 6,274 <sup>3</sup> | 466              | 917              | 1,470            | 3,421            | 12,931 <sup>3</sup> | 1,325            | 1,469            | 5,625            | 4,512            |

<sup>1</sup>Excludes woodpulp industry.<sup>2</sup>Data omitted to avoid disclosure of individual operations.<sup>3</sup>With omitted data included, total residues amount to 7,201 M cu. ft. used and 13,019 M cu. ft. unused.

Table 10.—*Timber cut from growing stock and sawtimber, by county*

| County     | Growing stock    |           |           | Sawtimber                    |           |           |
|------------|------------------|-----------|-----------|------------------------------|-----------|-----------|
|            | All species      | Softwoods | Hardwoods | All species                  | Softwoods | Hardwoods |
|            | <i>M cu. ft.</i> |           |           | <i>M bd. ft.<sup>1</sup></i> |           |           |
| Anderson   | 2,961            | 619       | 2,342     | 9,575                        | 1,909     | 7,666     |
| Bledsoe    | 1,472            | 343       | 1,129     | 5,954                        | 1,182     | 4,772     |
| Blount     | 2,119            | 945       | 1,174     | 5,911                        | 2,942     | 2,969     |
| Bradley    | 2,415            | 1,521     | 894       | 8,066                        | 5,650     | 2,416     |
| Campbell   | 3,931            | 984       | 2,947     | 16,651                       | 4,109     | 12,542    |
| Carter     | 1,655            | 340       | 1,315     | 5,253                        | 1,527     | 3,726     |
| Claiborne  | 1,111            | 164       | 947       | 3,518                        | 525       | 2,993     |
| Clay       | 945              | 12        | 933       | 4,180                        | 50        | 4,130     |
| Cocke      | 2,050            | 1,051     | 999       | 7,285                        | 3,645     | 3,640     |
| Coffee     | 1,494            | 10        | 1,484     | 6,176                        | 18        | 6,158     |
| Cumberland | 3,950            | 729       | 3,221     | 13,250                       | 2,777     | 10,473    |
| De Kalb    | 1,074            | 25        | 1,049     | 4,503                        | 113       | 4,390     |
| Fentress   | 2,353            | 790       | 1,563     | 8,905                        | 3,385     | 5,520     |
| Franklin   | 2,313            | 238       | 2,075     | 9,679                        | 1,305     | 8,374     |
| Grainger   | 577              | 46        | 531       | 2,104                        | 235       | 1,869     |
| Greene     | 1,809            | 308       | 1,501     | 7,295                        | 1,651     | 5,644     |
| Grundy     | 1,415            | 351       | 1,064     | 5,670                        | 1,494     | 4,176     |
| Hamblen    | 460              | 13        | 447       | 1,423                        | 39        | 1,384     |
| Hamilton   | 2,151            | 614       | 1,537     | 6,232                        | 2,183     | 4,049     |
| Hancock    | 678              | 90        | 588       | 2,097                        | 302       | 1,795     |
| Hawkins    | 1,518            | 124       | 1,394     | 4,260                        | 446       | 3,814     |
| Jackson    | 1,921            | 48        | 1,873     | 8,793                        | 257       | 8,536     |
| Jefferson  | 601              | 21        | 580       | 2,036                        | 114       | 1,922     |
| Johnson    | 1,386            | 312       | 1,074     | 6,078                        | 1,717     | 4,361     |
| Knox       | 2,187            | 377       | 1,810     | 5,381                        | 1,362     | 4,019     |
| Loudon     | 900              | 299       | 601       | 2,468                        | 958       | 1,510     |
| McMinn     | 2,418            | 1,459     | 959       | 7,318                        | 4,745     | 2,573     |
| Macon      | 1,679            | 58        | 1,621     | 7,529                        | 322       | 7,207     |
| Marion     | 2,593            | 387       | 2,206     | 10,304                       | 1,829     | 8,475     |
| Meigs      | 1,279            | 715       | 564       | 3,711                        | 2,142     | 1,569     |
| Monroe     | 4,116            | 2,486     | 1,630     | 15,773                       | 10,981    | 4,792     |
| Morgan     | 4,075            | 739       | 3,336     | 12,346                       | 2,752     | 9,594     |
| Overton    | 2,266            | 29        | 2,237     | 9,153                        | 143       | 9,010     |
| Pickett    | 1,007            | 5         | 1,002     | 4,025                        | 18        | 4,007     |
| Polk       | 4,258            | 2,799     | 1,459     | 18,248                       | 13,166    | 5,082     |
| Putnam     | 3,323            | 150       | 3,173     | 14,034                       | 423       | 13,611    |
| Rhea       | 1,845            | 503       | 1,342     | 5,129                        | 1,386     | 3,743     |
| Roane      | 2,335            | 1,059     | 1,276     | 8,005                        | 4,273     | 3,732     |
| Scott      | 3,799            | 510       | 3,289     | 14,155                       | 1,794     | 12,361    |
| Sequatchie | 1,525            | 206       | 1,319     | 5,991                        | 761       | 5,230     |
| Sevier     | 1,075            | 443       | 632       | 3,466                        | 1,563     | 1,903     |
| Smith      | 765              | 94        | 671       | 3,100                        | 471       | 2,629     |
| Sullivan   | 1,785            | 40        | 1,745     | 3,875                        | 188       | 3,687     |
| Unicoi     | 907              | 298       | 609       | 2,977                        | 1,317     | 1,660     |
| Union      | 1,292            | 738       | 554       | 4,135                        | 2,169     | 1,966     |
| Van Buren  | 1,197            | 16        | 1,181     | 4,297                        | 65        | 4,232     |
| Warren     | 1,599            | 31        | 1,568     | 6,380                        | 99        | 6,281     |
| Washington | 1,293            | 293       | 1,000     | 3,299                        | 853       | 2,446     |
| White      | 3,001            | 59        | 2,942     | 11,981                       | 250       | 11,731    |
| Total      | 94,878           | 23,491    | 71,387    | 341,974                      | 91,605    | 250,369   |

<sup>1</sup>International ¼-inch rule.

# Plant Directory

Table 11.—*Large sawmills*<sup>1</sup>

| County   | Name                                 | Location    | Address <sup>2</sup>             | Type <sup>3</sup> |
|----------|--------------------------------------|-------------|----------------------------------|-------------------|
| Campbell | Gennett Lumber Co.                   | Royal Blue  | Jacksboro                        | H                 |
| Hamilton | Williams and Voris Lumber Co.        | Chattanooga | P. O. Box 1821<br>E. Lake Branch | H                 |
| Morgan   | Georgia Pacific Corp.                | Coalfield   | Rt. 1,<br>Oliver Springs         | H                 |
| Putnam   | H. T. Whitson Lumber Co.             | Cookeville  |                                  | H                 |
| Warren   | Walker Lumber Co.                    | McMinnville | P. O. Box 110                    | H                 |
| White    | White County Lumber Co. <sup>4</sup> | Sparta      | Rt. 4                            | H                 |

<sup>1</sup>Output of 3 million bd. ft. or more.

<sup>2</sup>Specified only when different from plant location.

<sup>3</sup>All mills saw mainly hardwoods.

<sup>4</sup>Operates two sawmills at this location.

Table 12.—*Medium and small sawmills*<sup>1</sup>

| County   | Name                                  | Location     | Address <sup>2</sup>         | Type <sup>3</sup> |
|----------|---------------------------------------|--------------|------------------------------|-------------------|
| Anderson | Walker Lumber Co.                     | Clinton      | Rt. 4                        | H                 |
| Bledsoe  | Allison and Boyd                      | Pikeville    | P. O. Box 52                 | H                 |
|          | Leonard Bickford                      | Pikeville    |                              | H                 |
|          | Lee Brewer                            | Pikeville    |                              | H                 |
|          | Mobley Brown                          | Pikeville    |                              | H                 |
|          | Houston Dodson                        | Pikeville    | Rt. 2                        | P-H               |
|          | D. E. Hankins                         | College      | Rt. 4, Pikeville             | H                 |
|          | George Henderson                      | Pikeville    |                              | H                 |
|          | John M. Johnson                       | Pikeville    | Rt. 2                        | H                 |
|          | R. E. Johnson                         | Pailo        | Pikeville                    | H                 |
|          | Willis Johnson                        | Pikeville    |                              | H                 |
|          | J. W. Miller                          | Pikeville    |                              | H                 |
|          | Morgan Manufacturing Co.              | Pikeville    | P. O. Box 256                | H                 |
|          | G. B. Myers                           | Pikeville    | Rt. 2                        | H                 |
|          | Dennis Pendergrass                    | Pikeville    |                              | H                 |
|          | Robert Pendergrass                    | Pikeville    | Rt. 1                        | H                 |
|          | E. C. Sapp                            | Pikeville    | Rt. 4                        | H                 |
|          | Jonny Wooden                          | Pikeville    |                              | H                 |
|          | H. C. Wooten                          | Pikeville    | Rt. 5                        | P                 |
| Blount   | John Bishop                           | Maryville    | Rt. 4                        | H                 |
|          | Daford Bookout                        | Maryville    | Rt. 4                        | P                 |
|          | Davis Lumber and<br>Manufacturing Co. | Maryville    | Rt. 5                        | H                 |
|          | N. C. Dillingham                      | Maryville    | Rt. 8                        | P                 |
|          | Owen Downey and Willie Boring         | Friendsville | Rt. 6, Maryville             | H                 |
|          | Howard Lambert                        | Jena         | Rt. 2, Greenback             | P                 |
|          | John H. Ogle                          | Walland      | Rt. 1                        | H                 |
|          | Sam D. Payne, Jr.                     | Maryville    | Rt. 6                        | H                 |
|          | Earnest Perkins                       | Maryville    | Rt. 7                        | P                 |
|          | H. M. Skeen                           | Wellsville   | Rt. 8, Maryville             | P                 |
|          | Kie N. Sparks and Eugene Sparks       | Maryville    | Rt. 7                        | P                 |
| Bradley  | Bill Calhoun                          | Cleveland    | Rt. 4                        | P                 |
|          | J. R. Evans                           | Cleveland    | Rt. 7                        | P                 |
|          | Lake Lawson                           | Cleveland    | Rt. 5                        | P                 |
|          | Acey Murphy                           | Charleston   | Rt. 4, Cleveland             | P                 |
|          | Murray Lumber Co.                     | Cleveland    | P. O. Box 621                | P                 |
|          | C. L. Withrow                         | Black Fox    | Rt. 3, Cleveland             | P                 |
| Campbell | Baird Lumber Co., Inc.                | Jellico      | P.O. Box 239                 | H                 |
|          | Freeman Brock                         | Royal Blue   | Star Route,<br>Sunbright     | P-H               |
|          | Leonard Chapman                       | La Follette  |                              | P-H               |
|          | Dewey Childress                       | Royal Blue   | Rt. 2, Pioneer               | P                 |
|          | Bill Creekmore                        | Newcomb      | Rt. 1, Box 12                | H                 |
|          | Clyde Garrett                         | Royal Blue   | Monterey                     | P                 |
|          | Jess Goins                            | La Follette  | Rt. 2                        | H                 |
|          | J. W. Housley                         | La Follette  | P.O. Box 62                  | H                 |
|          | Alfred Mansfield                      | Royal Blue   | Rt. 3, Oneida                | P                 |
|          | Bill Parrott                          | Jacksboro    | P.O. Box 344,<br>La Follette | H                 |
|          | Estelle Payne                         | Royal Blue   | Rt. 3, Oneida                | P                 |

Table 12.—*Medium and small sawmills (Continued)*<sup>1</sup>

| County     | Name                          | Location       | Address <sup>2</sup>          | Type <sup>3</sup> |
|------------|-------------------------------|----------------|-------------------------------|-------------------|
|            | Otis Richardson               | Jacksboro      | Rt. 2                         | P-H               |
|            | Emmett Spradlin               | La Follette    | Rt. 2                         | P-H               |
|            | Oran Teasley                  | Newcomb        |                               | H                 |
| Carter     | Earl Banner                   | Roan Mountain  |                               | P                 |
|            | Paul Blevins                  | Blevins        | Rt. 2, Roan Mountain          | H                 |
|            | Howard Gource and Son Sawmill | Milligan       | Rt. 2, Johnson City           | H                 |
|            | Hart and Brewer Sawmill       | Roan Mountain  | Rt. 1                         | P-H               |
|            | Higgins and Kerley            | Roan Mountain  | Rt. 1                         | H                 |
|            | Wayne Holtsclaw               | Roan Mountain  | P.O. Box 22                   | H                 |
|            | Thurman Julian                | Roan Mountain  |                               | H                 |
|            | McCloud Lumber Co.            | Elizabethton   |                               | H                 |
|            | J. R. Pritchard               | Hunter         | 203 W. Doe Ave., Elizabethton | H                 |
|            | Fred Stout                    | Roan Mountain  |                               | H                 |
| Claiborne  | W. F. Bolton                  | Harrogate      | P.O. Box 43                   | H                 |
|            | Sam Duncan                    | New Tazewell   | Rt. 1                         | H                 |
|            | Kyle Mabe                     | Tazewell       | Rt. 7                         | H                 |
|            | Charlie Rice                  | Clairfield     |                               | H                 |
|            | Riddle Lumber Co.             | Tazewell       |                               | H                 |
| Clay       | Prentiss Clark Lumber Co.     | Bakerton       | Rt. 4, Red Boiling Springs    | H                 |
|            | Herman Gass                   | Moss           |                               | H                 |
|            | J. H. Overstreet Lumber Co.   | Celina         | P.O. Box 368                  | H                 |
| Cocke      | Harley Bradshaw               | Del Rio        | Rt. 3                         | P-H               |
|            | Breeden Lumber Co.            | Newport        | Rt. 2                         | H                 |
|            | Bryant and Pack Lumber Co.    | Newport        | 1408 Cosby Rd.                | P                 |
|            | D. S. Fowler                  | Point Pleasant | Rt. 5, Newport                | H                 |
|            | Cecil Lindsay                 | Newport        | Rt. 3                         | P                 |
|            | Earl Lindsay                  | Newport        | 1505 North St.                | H                 |
|            | Connie Williams               | Newport        | 134 North St.                 | H                 |
| Coffee     | Campbell Lumber Co.           | Tullahoma      | P.O. Box 607                  | H                 |
|            | Crouch Lumber Co.             | Tullahoma      | P.O. Box 366                  | H                 |
|            | A. W. Danial                  | Manchester     | 102 N. Waite                  | H                 |
|            | L. N. Danial, Jr.             | Hillsboro      |                               | H                 |
|            | Matt Floyd                    | Summitville    |                               | H                 |
|            | Marvin Phelps                 | Manchester     | Rt. 5                         | H                 |
|            | Wayne Roberts Pallet Co.      | Summitville    |                               | H                 |
|            | O. O. Vaughn                  | Manchester     | Rt. 2                         | H                 |
| Cumberland | Jimmy Baisley                 | Crossville     | Rt. 1                         | H                 |
|            | Ezrey Buck                    | Rinnie         | Rt. 1, Crossville             | P                 |
|            | Semp D. Burgess               | Crossville     | Rt. 6                         | H                 |
|            | Westly Christian              | Winesap        | Rt. 6, Crossville             | H                 |
|            | Cox and Wyatt Lumber Co.      | Plateau        | Rt. 1, Box 240, Crossville    | H                 |
|            | Morris and Dallas Cox         | Crossville     | Rt. 1                         | H                 |
|            | Albert Frye                   | Crossville     | Rt. 7                         | H                 |
|            | H. E. Gunnels                 | Crossville     | Rt. 7                         | H                 |
|            | Virgil Kendrick               | Daysville      | Rt. 1, Rockwood               | P                 |
|            | Bill McFarland                | Crossville     | Rt. 5                         | H                 |
|            | C. C. Neely                   | Winesap        | Rt. 6, Box 455, Crossville    | H                 |
|            | Bill Neely                    | Lantana        | Rt. 7, Sparta                 | H                 |
|            | Denton Richards               | Pleasant Hill  | Grimsley                      | H                 |
|            | Donald Rose                   | Crossville     | Rt. 3                         | H                 |
|            | Hubert Roy                    | Crossville     | Rt. 6, Box 220                | H                 |
|            | Bluford Stamps                | Plateau        | Rt. 1, Crossville             | H                 |
|            | Glenn Tanner                  | Pleasant Hill  | Rt. 4, Crossville             | H                 |
|            | James Wyatt                   | Lantana        | Rt. 6, Crossville             | H                 |
| De Kalb    | Troy Cripps                   | Liberty        | Rt. 1                         | H                 |
|            | Keith Lumber Co.              | Smithville     | Sparta Rd.                    | H                 |
|            | Marvin Parker                 | Liberty        |                               | H                 |
| Fentress   | Cantrell Bros.                | Riverton       | N. High St., Livingston       | P                 |
|            | Victor Garrett                | Jamestown      | Rt. 2                         | P                 |
|            | Arvil Key                     | Pall Mall      |                               | P-H               |
|            | Ky-Tenn Lumber Co.            | Jamestown      |                               | P                 |
|            | Noahy Norris                  | Banner Springs | Rt. 1, Jamestown              | P                 |
|            | B. D. Shapiro                 | Jamestown      | P.O. Box 236                  | P-H               |
|            | Oscar Smith                   | Allardt        | Rt. 2, Jamestown              | P                 |
|            | Olin Tompkins                 | Armathwaite    |                               | H                 |

Table 12.—*Medium and small sawmills (Continued)*<sup>1</sup>

| County          | Name                              | Location           | Address <sup>2</sup>               | Type <sup>3</sup> |
|-----------------|-----------------------------------|--------------------|------------------------------------|-------------------|
| Franklin        | Earnest Brewer                    | Winchester         | Rt. 1                              | H                 |
|                 | Clark and Jones                   | Winchester         | Rt. 2                              | H                 |
|                 | Carlton Cunningham                | Sherwood           |                                    | H                 |
|                 | Dechard Sawmill                   | Dechard            | c/o Thurman Jones                  | H                 |
|                 | Evans Log and Lumber Co.          | Winchester Springs | Rt. 3, Winchester                  | H                 |
|                 | Ray M. Johnson and Co.            | Huntland           | P.O. Box 220                       | H                 |
|                 | Joe B. Milner                     | Sewanee            | Rt. 1                              | H                 |
|                 | Partin and Dixon                  | Dechard            | Rt. 1                              | H                 |
|                 | Earl Stephens                     | Winchester         | Rt. 1                              | H                 |
|                 | Jack Summers                      | Sewanee            | Sherwood                           | H                 |
|                 | University of The South           | Sewanee            |                                    | H                 |
| F. L. Zimmerman | Belvidere                         |                    | H                                  |                   |
| Grainger        | Amos and James Buckner            | Blaine             | 3301 Ashland Ave. P-H<br>Knoxville |                   |
|                 | Ralph Campbell                    | Red Hill           | Rt. 1, New Tazewell                | H                 |
|                 | Kyle B. Hensley                   | Rutledge           | Rt. 3                              | H                 |
|                 | Howard Jarnigan                   | Blaine             | Rt. 2                              | H                 |
|                 | George McAlhaney                  | Rutledge           | Rt. 2                              | H                 |
|                 | Cog Nicely                        | Blaine             | Rt. 2                              | H                 |
|                 | Raleigh Norton                    | Blaine             | Rt. 2                              | H                 |
| Greene          | J. C. Arrington                   | Greenville         | Rt. 7                              | H                 |
|                 | Baily Manufacturing Co.           | Chuckey            | Rt. 4                              | H                 |
|                 | C. C. Cress Lumber Co.            | Greenville         | P.O. Box 23                        | H                 |
|                 | R. B. Crum Lumber Co.             | Greenville         |                                    | P                 |
|                 | Fay Fillers                       | Camp Creek         | Rt. 1, Afton                       | H                 |
|                 | Mark Fillers                      | Greenville         | Rt. 4                              | H                 |
|                 | Guy Keifer                        | Midway             |                                    | H                 |
|                 | Ezra Looney                       | Greenville         | 404 Park St.                       | H                 |
|                 | Phillips Brothers Lumber and Logs | Warrensburg        | P.O. Box 285, Erwin                | H                 |
|                 | Jay Rader                         | Mosheim            | Midway                             | H                 |
|                 | Jimmy Riley                       | Mohawk             |                                    | H                 |
|                 | Aubry Talliver                    | Jearoldstown       | Rt. 12, Greenville                 | H                 |
| Vernie Vest     | Midway                            |                    | H                                  |                   |
| Grundy          | Paul Best                         | Altamont           |                                    | H                 |
|                 | John Campbell                     | Altamont           |                                    | P-H               |
|                 | Greeter Lumber Co.                | Altamont           |                                    | P                 |
|                 | Hampton Bros. Lumber Co.          | Altamont           | Star Route                         | H                 |
|                 | Ed Lane                           | White City         | Rt. 1, Tracy City                  | H                 |
|                 | Mitchell Meeks                    | Laager             |                                    | H                 |
|                 | Clint Pickett                     | Laager             |                                    | H                 |
|                 | Earl Pickett                      | Gruetli            |                                    | H                 |
|                 | Seals and Swafford                | Cagle              | P.O. Box 136                       | H                 |
| Hugh Wooten     | Tracy City                        |                    | H                                  |                   |
| Hamblen         | Carroll Brothers                  | Witt               | Mooresburg                         | H                 |
|                 | Geo. H. Hatfield Export Corp.     | Morristown         | P.O. Box 133A                      | H                 |
|                 | Paul Hatfield Log and Lumber Co.  | Morristown         | 1432 Davis St.                     | H                 |
| Hamilton        | Stanley Brown                     | Soddy              | Brayton                            | H                 |
|                 | Cumberland Case Co.               | Chattanooga        | 1 Wiehls St.                       | H                 |
|                 | Reece Hodge                       | Signal Mt.         | Rt. 1, Sale Creek                  | P                 |
|                 | Hooker and Owens                  | Sale Creek         |                                    | P                 |
|                 | Lester Lewis Sawmill              | Mowbray            | Rt. 1, Daisy                       | P                 |
|                 | Platt Lumber Yard                 | Chattanooga        | Signal Mt. Blvd.                   | P                 |
|                 | Carl Roark                        | Hixon              | Rt. 1, Birchwood                   | P                 |
| Earl Rutledge   | Soddy                             | Dunlap             | H                                  |                   |
| Hancock         | Ray and Don Baker                 | Kyles Ford         |                                    | H                 |
|                 | John Clounce                      | Sneedville         |                                    | H                 |
|                 | Mack Harvey                       | Sneedville         | Rt. 3                              | H                 |
|                 | H. C. Johnson                     | Kyles Ford         | Rt. 2, Eidson                      | H                 |
|                 | Fred Livesay                      | Kyles Ford         |                                    | H                 |
|                 | Louis Turnmeier                   | Treadway           | Rt. 1, Thorn Hill                  | H                 |
| Hawkins         | J. W. Bradshaw                    | Van Hill           | P.O. Box 803,<br>Kingsport         | H                 |
|                 | Milton Clounce                    | St. Clair          | Bean Station                       | H                 |
|                 | Anderson Everhart                 | Persia             |                                    | H                 |
|                 | Blake Henard                      | Rogersville        | Rt. 4                              | H                 |
|                 | Walter Mathews                    | Rogersville        | Rt. 6                              | H                 |
|                 | Hugh S. Moles Lumber Co.          | Rogersville        | P.O. Box 151                       | H                 |
|                 | Larry Morrison                    | Van Hill           | Rt. 6, Rogersville                 | H                 |
|                 | Kelly Seals                       | Eidson             |                                    | H                 |
|                 | P. G. Sizemore                    | Eidson             | Rt. 2                              | H                 |
| Jackson         | W. W. Cassety Lumber Co.          | North Springs      |                                    | H                 |
|                 | Sadler and Sadler Lumber Co.      | North Springs      |                                    | H                 |

Table 12.—*Medium and small sawmills* (Continued)<sup>1</sup>

| County            | Name                          | Location            | Address <sup>2</sup>            | Type <sup>3</sup> |
|-------------------|-------------------------------|---------------------|---------------------------------|-------------------|
| Jefferson         | Reed Bull                     | New Market          | Rt. 2                           | H                 |
|                   | Willis Dykes                  | Kansas              | Rt. 1, Strawberry Plains        | H                 |
|                   | Algar Slaton                  | Dandridge           | Rt. 3                           | H                 |
| Johnson           | H. D. Arnold                  | Butler              | Rt. 3                           | P-H               |
|                   | A. N. Blevins                 | Shady Valley        |                                 | H                 |
|                   | Tommy Collins                 | Butler              | Rt. 3                           | P-H               |
|                   | Clyde Cress                   | Mountain City       | Rt. 1                           | H                 |
|                   | Daniel Moody Lumber Co.       | Mountain City       | P.O. Box 184                    | H                 |
|                   | Geo. C. Shoun Sawmill         | Butler              | Rt. 3                           | H                 |
|                   | Burl Simcox                   | Shouns              |                                 | H                 |
|                   | Hardin Snyder                 | Shouns              |                                 | H                 |
| A. J. Stalcup     | Mountain City                 | Rt. 3, Butler       | H                               |                   |
| Knox              | Ben Abbott                    | Concord             | Rt. 1                           | H                 |
|                   | C. B. Hoskins                 | Halls Crossroads    | Rt. 1, Concord                  | H                 |
|                   | L. E. Nicely and Ralph Helton | Graveston           | Liberty Hill                    | H                 |
|                   | Frank Roark                   | Knoxville           |                                 | H                 |
|                   | Rogers Lumber and Supply Co.  | Knoxville           | 929 Lee Ave.                    | P                 |
|                   | Arthur Wright Sawmill         | Knoxville           | Rt. 4, Clinton                  | H                 |
| Loudon            | Curtis Owen Babb              | Lenoir City         | Rt. 1                           | H                 |
|                   | Harless Cansler               | Greenback           | Rt. 3, Madisonville             | P                 |
|                   | J. T. Carter                  | Lenoir City         | Rt. 3                           | P-H               |
|                   | J. C. Lambert                 | Loudon              | Rt. 2                           | P                 |
|                   | Earl Millsaps                 | Philadelphia        | Rt. 4, Loudon                   | P                 |
| McMinn            | Arlie Benton                  | Decatur             | Rt. 1                           | H                 |
|                   | Bruce Coffee                  | Athens              | Rt. 3                           | H                 |
|                   | Henry Guffey                  | Riceville           |                                 | P                 |
|                   | Lloyd Harrod                  | Athens              | Rt. 3                           | H                 |
|                   | Raymond Howell Dogwood Mill   | Athens              | P.O. Box 483                    | H                 |
|                   | Herman Mantooth               | Etowah              | Rt. 4, Cleveland                | P                 |
| Macon             | Bohanon Lumber Co.            | Lafayette           | Rt. 4                           | H                 |
|                   | Cassety Lumber Co.            | Red Boiling Springs | Drawer D                        | H                 |
|                   | Charles Clark Lumber Co.      | Red Boiling Springs |                                 | H                 |
|                   | Genie Jones Lumber Co.        | Red Boiling Springs |                                 | H                 |
|                   | Macon Lumber Co.              | Red Boiling Springs | Rt. 1                           | H                 |
|                   | Witcher Lumber Co.            | Red Boiling Springs |                                 | H                 |
|                   | Kenneth Witcher Lumber Co.    | Red Boiling Springs |                                 | H                 |
| Marion            | Melvin Borne                  | Whitwell            | Gruetli                         | H                 |
|                   | Earl Brewer                   | South Pittsburg     | Tateville                       | P-H               |
|                   | Emory Hastings                | Battle Creek        | Rt. 1, Sewanee                  | H                 |
|                   | Pete Meeks                    | Powells Crossroads  | Altamont                        | H                 |
|                   | Moss-American                 | Sequatchie          | Jasper                          | H                 |
|                   | James A. Nale                 | Jasper              | Rt. 1                           | H                 |
|                   | Jess Seargent                 | Firy Gizzard Cove   | Rt. 1, Sewanee                  | H                 |
| Meigs             | Kay Jennings                  | Decatur             |                                 | H                 |
| Monroe            | B and D Lumber Co.            | Vonore              | Rt. 4                           | P-H               |
|                   | Edward E. Bivens              | Rafter              | Star Route, Tellico Plains      | P                 |
|                   | Jess Brooks Lumber Co.        | Tellico Plains      |                                 | P                 |
|                   | Clyde Burris                  | Tellico Plains      |                                 | P                 |
|                   | Jess Holder                   | Cokercreek          | Star Route 1, Tellico Plains    | H                 |
|                   | W. E. Lee                     | Rafter              | Tellico Plains                  | P                 |
|                   | U. G. Leslie                  | Lakeside            | Rt. 3, Madisonville             | P-H               |
|                   | Richie and Laney              | Rafter              | Rt. 1, Madisonville             | P                 |
|                   | Charles Roberts               | Belltown            | 970 Patterson Rd., Madisonville | P                 |
|                   | R. F. Sitzlar                 | Tellico Plains      |                                 | P                 |
|                   | A. M. Stakley                 | Madisonville        | Rt. 1                           | P-H               |
|                   | Henry Torbett                 | Tellico Plains      | Rt. 1, Madisonville             | P                 |
|                   | Trotter Lumber Co.            | Tellico Plains      |                                 | P                 |
| Watson Lumber Co. | Madisonville                  | P.O. Box 187        | P                               |                   |
| Don West          | Cokercreek                    | Tellico Plains      | P                               |                   |
| Morgan            | Ernest Ahler                  | Gobey               | Rt. 2, Knoxville                | H                 |
|                   | John Freels                   | Sunbright           | Rt. 1                           | P                 |
|                   | Pete Neskang                  | Wartburg            |                                 | H                 |
|                   | Scott Lumber Co.              | Lancing             |                                 | P-H               |
|                   | Randle Wortley                | Deer Lodge          |                                 | H                 |

Table 12.—*Medium and small sawmills (Continued)*<sup>1</sup>

| County                           | Name                           | Location       | Address <sup>2</sup>           | Type <sup>3</sup> |
|----------------------------------|--------------------------------|----------------|--------------------------------|-------------------|
| Overton                          | S. B. Howard Lumber Co.        | Livingston     | P.O. Box 189                   | P                 |
|                                  | Roy Keisling Lumber Co.        | Livingston     | 905 Chestnut St.               | H                 |
|                                  | Scott Mill                     | Monroe         |                                | H                 |
|                                  | Simcox and Copeland Lumber Co. | Livingston     |                                | H                 |
|                                  | O. V. Story Lumber Co.         | Livingston     | Rt. 2                          | H                 |
| Pickett                          | Mullins Lumber Co.             | Byrdstown      | Star Route                     | H                 |
|                                  | Sells Lumber Co.               | Byrdstown      | Rt. 2                          | H                 |
| Polk                             | C and W Lumber Co.             | Benton         |                                | H                 |
|                                  | Jim Carden                     | Parksville     | 1812 Louis St.,<br>Cleveland   | P                 |
|                                  | Jim Davis                      | Reliance       | Rt. 2, Riceville               | P                 |
|                                  | Dock Evans                     | Parksville     | Rt. 1, Benton                  | P                 |
|                                  | Wayford Frerichs               | Wetmore        | Star Route,<br>Tellico Plains  | P-H               |
|                                  | Vick Hyde                      | Reliance       | 1500 W. Madison<br>St., Athens | P                 |
|                                  | McKinney Brothers              | Reliance       | P.O. Box 407,<br>Athens        | P                 |
|                                  | Harry Murray                   | Benton         | Rt. 1, Georgetown              | P                 |
|                                  | Tom Shannon                    | Wetmore        | Ladd Springs Rd.,<br>Cleveland | P                 |
|                                  | Leo Swanson                    | Wetmore        | Coker creek                    | P                 |
| Ernest West                      | Wetmore                        | Tellico Plains | P                              |                   |
| Putnam                           | Cookeville Planing Mills       | Cookeville     |                                | H                 |
|                                  | Dry Valley Lumber Co.          | Cookeville     | P.O. Box 434                   | H                 |
|                                  | Emory and Farrel               | Cookeville     | Rt. 2, Sparta                  | H                 |
|                                  | Grinders Creek Lumber Co.      | Cookeville     | P.O. Box 498                   | H                 |
|                                  | Herron Lumber Co.              | Silver Point   | Rt. 1                          | H                 |
|                                  | Lee Lumber Co.                 | Algood         | P.O. Box 248                   | H                 |
|                                  | Roy Luke Mill                  | Baxter         |                                | H                 |
|                                  | Allon Martin                   | Baxter         | Rt. 2                          | H                 |
|                                  | Willard Nash                   | Baxter         | Rt. 2                          | H                 |
|                                  | Putnam County Lumber Co.       | Monterey       | P.O. Box 188                   | H                 |
|                                  | Robert Shubert                 | Cookeville     | Rt. 5                          | H                 |
| Thompson Manufacturing Co., Inc. | Algood                         |                | H                              |                   |
| Rhea                             | R. M. Bell                     | Dayton         | Pikeville                      | H                 |
|                                  | Burgess Harris                 | Spring City    |                                | H                 |
|                                  | Jack Pelfrey                   | Evensville     | Rt. 2, Box 16                  | P-H               |
|                                  | Irving Simpson                 | Spring City    | Rt. 1                          | H                 |
| Roane                            | Orvall Collins                 | Rockwood       | Rt. 2                          | P                 |
|                                  | Bernie East                    | Rockwood       | Rt. 2                          | P                 |
|                                  | Julian Hooper                  | Oliver Springs | Rt. 2                          | P                 |
|                                  | Dutch Johnson <sup>4</sup>     | Kingston       | P.O. Box 196,<br>Pikeville     | H                 |
|                                  | C. B. Jones                    | Rockwood       | Rt. 2                          | P                 |
| Ten Mile Lumber Co.              | Ten Mile                       |                | P                              |                   |
| Earl Waldo                       | Rockwood                       | Rt. 2          | P                              |                   |
| Scott                            | Elgin Wood Products Corp.      | Elgin          |                                | H                 |
|                                  | Elwood Jeffers                 | Huntsville     | Rt. 1                          | H                 |
|                                  | Starling Lawson                | Elgin          | Huntsville                     | H                 |
|                                  | Oneida Wood Industries, Inc.   | Oneida         | P.O. Box 398                   | P                 |
|                                  | Adam Susak                     | Robbins        | Rt. 1, Lancing                 | H                 |
|                                  | Arthur Watters                 | Oneida         |                                | H                 |
|                                  | Luther West                    | Helenwood      | Rt. 1                          | H                 |
| Sequatchie                       | Sutton Campbell Lumber Co.     | Dunlap         |                                | H                 |
|                                  | W. L. Meeks                    | Palmer         | P.O. Box 151,<br>Jasper        | H                 |
|                                  | Don Stoker                     | Cagle          |                                | H                 |
| H. W. Worley                     | Signal Mt.                     | P.O. Box 55    | H                              |                   |
| Sevier                           | Charlie W. Hurst               | Sevierville    | Rt. 6                          | P-H               |
|                                  | M. B. McMahan and Co.          | Sevierville    |                                | P-H               |
|                                  | Mize Lumber Co.                | Sevierville    | P.O. Box 386                   | P                 |
| Smith                            | Massey and Winkler Lumber      | Pleasant Shade |                                | H                 |
|                                  | Alton Owens Mill               | Carthage       |                                | P                 |
|                                  | Baxter Owens Mill              | Carthage       |                                | P                 |
|                                  | Houston Owens Lumber Co.       | Carthage       |                                | H                 |
|                                  | J. C. Owens Mill               | Carthage       |                                | P                 |
|                                  | Shepard Lumber Co.             | Difficult      |                                | H                 |
|                                  | Tedrow Log and Lumber Co.      | Gordonsville   |                                | H                 |

Table 12.—*Medium and small sawmills (Continued)*<sup>1</sup>

| County              | Name                        | Location      | Address <sup>2</sup>            | Type <sup>3</sup> |
|---------------------|-----------------------------|---------------|---------------------------------|-------------------|
| Sullivan            | Calhoun Brothers            | Kingsport     | 1805 Fairview Ave.              | H                 |
|                     | Joe Harr                    | Blountville   | Rt. 4                           | H                 |
|                     | Garland Jarrett             | Bluff City    | Rt. 3                           | H                 |
|                     | Cecil Milhorn               | Piney Flats   | Rt. 1                           | H                 |
|                     | Quillen Brothers Lumber Co. | Morrison City | P.O. Box 664,<br>Gate City, Va. | H                 |
|                     | Smith Brothers              | Bluff City    |                                 | H                 |
| Unicoi              | D. C. Brummitt              | Unicoi        |                                 | P                 |
|                     | Lloyd Garland               | Unicoi        | Rt. 1                           | P-H               |
|                     | Clarence Harris             | Flag Pond     |                                 | H                 |
|                     | Ray Kegley                  | Erwin         | Rt. 2                           | P-H               |
|                     | Tom Masters                 | Erwin         | Rt. 2                           | H                 |
|                     | Royal Shelton               | Flag Pond     | Rt. 1                           | H                 |
| Grady Simmons       | Erwin                       | Rt. 2         | P-H                             |                   |
| Union               | Cliff Bailey                | Sharps Chapel | Rt. 3,<br>Maynardville          | H                 |
|                     | Herbert Lay, Jr.            | Maynardville  | Rt. 3                           | P                 |
|                     | Rouse Brothers              | Sharps Chapel | Rt. 1                           | H                 |
| Van Buren           | H. T. Argo                  | Spencer       |                                 | H                 |
|                     | L. S. Bouldin Mill          | Spencer       | Rt. 1                           | H                 |
|                     | E. N. Walker                | Spencer       | Rt. 1                           | H                 |
| Warren              | Burroughs-Ross-Colville Co. | McMinnville   | Depot St.                       | H                 |
|                     | J. M. Cunningham            | McMinnville   | 510 Spring St.                  | H                 |
|                     | Donaldson Mill              | McMinnville   | 104 Linger                      | H                 |
|                     | Raymond Earl                | McMinnville   | Rt. 6                           | H                 |
|                     | E. L. Hillis                | McMinnville   | Rt. 5                           | H                 |
|                     | W. W. McCoy                 | McMinnville   |                                 | H                 |
|                     | Howard Rhea                 | Morrison      | Rt. 2                           | H                 |
|                     | Nunley Rice Sawmill         | McMinnville   | Rt. 1                           | H                 |
|                     | Rogers Lumber Co.           | Rock Island   | Rt. 1                           | H                 |
|                     | Scott Mill                  | McMinnville   | Rt. 2                           | H                 |
|                     | James Smith                 | McMinnville   | Rt. 2                           | H                 |
| Wanamaker and Hobbs | McMinnville                 |               | H                               |                   |
| Washington          | G. F. Arrowood              | Limestone     | Rt. 1, Chuckey                  | H                 |
|                     | A. R. Briggs                | Jonesboro     | Rt. 2                           | H                 |
|                     | W. S. Jackson               | Jonesboro     | Rt. 8                           | H                 |
|                     | Niles Keys                  | Limestone     | Rt. 1                           | H                 |
|                     | Malone Lumber Co.           | Jonesboro     | Rt. 8                           | H                 |
|                     | Ed Roberts                  | Jonesboro     | Rt. 1                           | H                 |
| White               | Bowland Lumber Co.          | Quebeck       |                                 | H                 |
|                     | Elmore Carter Lumber Co.    | Sparta        | Rt. 1                           | H                 |
|                     | E. P. Judd                  | Doyle         |                                 | H                 |
|                     | W. S. Maynard               | Doyle         | Spencer                         | H                 |
|                     | Casto Norris                | Ravenscroft   | Rt. 6, Crossville               | H                 |
|                     | Slatton Mill                | Quebeck       |                                 | P                 |

<sup>1</sup> Output of less than 3 million bd. ft.<sup>2</sup> Specified when different from plant location.<sup>3</sup> H indicates mills sawing mainly hardwoods.<sup>3</sup> P indicates mills sawing mainly pine.<sup>4</sup> Operates two sawmills.Table 13.—*Wood pulpmills*

| County   | Name                          | Location  |
|----------|-------------------------------|-----------|
| Knox     | Southern Extract Co.          | Knoxville |
| McMinn   | Bowaters Southern Paper Corp. | Calhoun   |
| Roane    | The Mead Corp.                | Harriman  |
| Sullivan | The Mead Corp.                | Kingsport |

Table 14.—*Handle stock plants*

| County     | Name   | Location                   | Address <sup>1</sup>               |
|------------|--|----------------------------|------------------------------------|
| Bledsoe    | Sequatchie Handle Works, Inc.                    | Pikeville                  | P.O. Box 331                       |
| Campbell   | Clyde Davis                                      | La Follette                | P.O. Box 262                       |
| Cumberland | Turner, Day, and Woolworth Handle Corp.          | Crossville                 |                                    |
| Fentress   | Turner, Day, and Woolworth Handle Corp.          | Jamestown                  | P.O. Box 213                       |
| Grundy     | True Temper Corp.                                | Tracy City                 |                                    |
| Hamilton   | Blanchard Handle Corp.<br>Dixie Logging Tool Co. | Chattanooga<br>Chattanooga | P.O. Box 5056                      |
| Loudon     | Loudon Hickory Products, Inc.                    | Loudon                     | P.O. Box 309                       |
| Marion     | Sequatchie Handle Works, Inc.                    | Sequatchie                 |                                    |
| Overton    | Livingston Handle Co.                            | Livingston                 |                                    |
| Putnam     | Chattanooga Handle Co.<br>Tennessee Handle Co.   | Cookeville<br>Cookeville   |                                    |
| Scott      | Charles D. Roberts Co.                           | Helenwood                  | P.O. Box 3033,<br>Greensboro, N.C. |
| Warren     | O. Ames Co.<br>Burrroughs-Ross-Colville Co.      | Champaign<br>McMinnville   | P.O. Box 34<br>Depot Street        |
| White      | Ed Judd<br>Casto Norris                          | Doyle<br>Ravens Croft      | Rt. 6, Crossville                  |

<sup>1</sup>Specified only if different from plant location.

Table 15.—*Cooperage mills*

| County     | Name  | Location                 | Address <sup>1</sup>                |
|------------|---|--------------------------|-------------------------------------|
| Blount     | Sam D. Payne, Jr.                               | Sixmile                  | Rt. 6, Maryville                    |
| Campbell   | Clyde Davis<br>Robinson and Thompson            | La Follette<br>Newcomb   | P.O. Box 262<br>East Burnstead, Ky. |
| Cumberland | E. W. Tanner                                    | Crossville               |                                     |
| Franklin   | Huntland Stave Co.                              | Huntland                 |                                     |
| Greene     | R. B. Crum<br>Greenville Stave Co. <sup>2</sup> | Greenville<br>Greenville |                                     |
| Jefferson  | Witcher and Parrott                             | Dandridge                | Red Boiling Springs                 |
| Knox       | Dixon Trading and Manufacturing Co.             | Knoxville                | 1026 Maryville Pike                 |
| Overton    | W. W. Stave and Heading Co.                     | Livingston               | Rt. 2                               |
| Pickett    | Oren Rich and Son                               | Static                   | P.O. Box 32,<br>Byrdstown           |
| Putnam     | Johnson Brothers Lumber and Stave Co.           | Cookeville               | P.O. Box 532                        |
| Warren     | Ralph Hash                                      | Rock Island              | Rt. 1                               |
| Washington | W. H. Guinn                                     | Jonesboro                | Rt. 1                               |

<sup>1</sup>Specified only if different from plant location.

<sup>2</sup>Produces slack cooperage; all others produce tight cooperage.

Table 16.—*Veneer mills*

| County | Name   | Location         | Address <sup>1</sup> |
|--------|--|------------------|----------------------|
| Knox   | Foreign and Domestic Veneers, Inc.           | Knoxville        | P.O. Box 1067        |
| Rhea   | Gholdston Basket Co.<br>Shipley's Basket Co. | Dayton<br>Dayton |                      |

<sup>1</sup>Specified only if different from plant location.

Table 17.—*Wood-preserving plants*<sup>1</sup>

| County   | Name                         | Location    | Address <sup>2</sup> |
|----------|------------------------------|-------------|----------------------|
| Hamilton | Southern Wood Preserving Co. | Chattanooga | P.O. Box 1368        |
| Monroe   | The Langdale Co.             | Sweetwater  | P.O. Box 168         |

<sup>1</sup> Both plants use pressure treatments.<sup>2</sup> Specified only if different from plant location.Table 18.—*Charcoal producers*

| County     | Name   | Location  | Address <sup>1</sup> |
|------------|--|---|----------------------|
| Bledsoe    | Albert Gilbert<br>Robert Simmons   | Pikeville<br>Pikeville  |                      |
| Cumberland | Earl Jones<br>Richard Shepherd<br>Odis Sisco<br>James Walker   | Crossville<br>Crossville<br>Crossville<br>Crossville  |                      |
| Fentress   | Claude Atkinson<br>Guy Beaty<br>George Coley<br>Lloyd Dearman<br>Paul Dixon<br>Oliver Elmore<br>James M. Franklin<br>Vernon R. Harris<br>Horace Hicks<br>Terry Miller<br>Auldon Phillips<br>Warner Phillips<br>Plateau Inc.<br>Thurston Walker | Clarkrange<br>Grimsley<br>Clarkrange<br>Clarkrange<br>Clarkrange<br>Clarkrange<br>Jamestown<br>Clarkrange<br>Clarkrange<br>Clarkrange<br>Clarkrange<br>Wilder<br>Clarkrange | Rt. 1                |
| Grundy     | Elmer Bryant<br>Underwriter Oil Co.  | Tracy City<br>Monteagle   |                      |
| Overton    | Culbert Reed   | Crawford  |                      |
| Putnam     | Don Beaty<br>Arb Hedgecough<br>Homer Looper<br>M. B. Masters and Arvin Vaughn<br>Beecher Phillips<br>J. E. Ray<br>Ronald Reagan<br>Kernel Swallows<br>Tennessee Handle Co.   | Monterey<br>Baxter<br>Monterey<br>Monterey<br>Monterey<br>Monterey<br>Monterey<br>Monterey<br>Cookeville  | P.O. Box 116         |
| Van Buren  | H. S. Argo<br>L. S. Bouldin<br>Joel Davis<br>Gene Manis<br>Plateau Inc.<br>J. P. Sullivan  | Spencer<br>Spencer<br>Spencer<br>Spencer<br>Spencer   |                      |
| White      | J. C. Blaylock<br>Hasten and Hill Charcoal Co.<br>Kee Charcoal Co.   | Sparta<br>Sparta<br>Sparta  |                      |

<sup>1</sup> Specified only if different from plant location.

Table 19.—*Miscellaneous plants*

| County  | Name   | Location                                     | Address <sup>1</sup>                    |
|---------|--|--|---|
| Hamblen | Tenn-Flake Corp. <sup>2</sup>  | Morristown                                   | 2525 Trade St.                          |
| Knox    | J. D. Tallent Block Mill <sup>3</sup>  | Knoxville                                    | 5312 Hamburg Dr.                        |
| McMinn  | Raymond Howell Dogwood Mill <sup>3, 4</sup>  | Athens                                       | P.O. Box 483                            |
| Marion  | Pedens Wood Products Co. <sup>4</sup>  | South Pittsburg                              |   |
| Overton | Livingston Square Mill <sup>4</sup>  | Livingston                                   |   |
| Pickett | Arlen King Lumber Co. <sup>4</sup><br>Leo V. Story Mill <sup>4</sup>   | Byrdstown<br>Byrdstown                       | Rt. 2<br>P.O. Box 34                    |
| Putnam  | All-Good Chair Co. <sup>4</sup><br>Cumberland Timber Products <sup>4</sup><br>J. H. Taylor <sup>4</sup><br>Tennessee Handle Co. <sup>4</sup> | Algood<br>Monterey<br>Monterey<br>Cookeville | Rt. 3<br>Rt. 3                          |
| Roane   | Yankee Lumber Co. <sup>4</sup>   | Harriman                                     |   |
| White   | Roscoe Griffin <sup>3</sup><br>White County Lumber Co. <sup>4</sup><br>Volunteer Specialty Co. <sup>4</sup>                                  | Sparta<br>Sparta<br>Quebec                   | 201 West Bronson St.<br>Rt. 4<br>Sparta |

<sup>1</sup>Specified only if different from plant location.

<sup>2</sup>Produces particle board.

<sup>3</sup>Produces shuttle blocks.

<sup>4</sup>Produces furniture and miscellaneous dimension.