

U.S. Department of Agriculture  
Forest Service Resource Bulletin SO-64

# Oklahoma Forest Industries, 1975

*DANIEL F. BERTELSON*

Southern  
Forest  
Experiment  
Station

## FOREWORD

This is the second canvass ever made of all primary forest industries in Oklahoma. The first was made in 1972. Previous surveys — in 1955 and 1965 — covered only forest industries in 17 eastern counties.

Under the supervision of Roger L. Davis, personnel of the Forestry Division of the Oklahoma State Department of Agriculture visited all primary wood-using plants to gather the information. Data were compiled and analyzed by the Renewable Resources Evaluation Unit of the Southern Forest Experiment Station.

This report tabulates total production and shows softwood and hardwood output by county. It also lists names and addresses of all primary forest industries. Plant locations are mapped on page ii.

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The logo for the Southern Forest Experiment Station features a stylized triangle with an upward-pointing arrow inside it, positioned to the right of the text.



# OKLAHOMA FOREST INDUSTRIES, 1975

Daniel F. Bertelson

## DECREASE IN WOOD PRODUCTS

Oklahoma forests supplied 54 million cubic feet of roundwood to forest industries in 1975, a decrease of 16 percent since 1972. Pine made up four-fifths of the total. Saw logs and pulpwood were the major products, accounting for 83 percent of the harvest. Veneer logs accounted for 10 percent, and the remainder was made up mostly of posts (fig. 1). A total of 101 wood-using plants were in operation, as compared to 118 in 1972.

Four counties in the southeast corner of the state produced 93 percent of Oklahoma's timber output. McCurtain County, which has the most wood-using plants, accounted for two-thirds of the total state harvest.

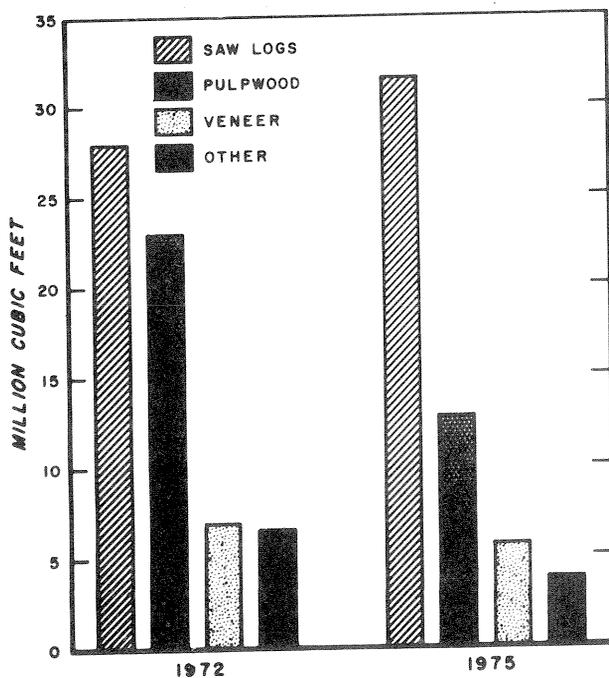


Figure 1. Output of industrial roundwood, by product, 1972, 1975.

## SAW LOGS

Oklahoma produced 192 million board feet of saw logs in 1975, an increase of 14 percent since 1972. Softwoods made up 82 percent of the total volume. Oaks accounted for two-thirds of the hardwood volume, and the gums were second.

Although saw log production increased since the last canvass, the number of sawmills declined by 20. In 1975, Oklahoma had 83 sawmills in operation, of which 7 were large (cutting at least 3 million board feet annually). Individual mill production ranged from 2,500 board feet to 149 million, with large sawmills processing 87 percent of the lumber. Production by large mills was 92 percent softwood, whereas three-fourths of the logs sawn at small sawmills were hardwoods.

Oklahoma imported 24 million board feet of saw logs in 1975, and exported 8 million board feet to surrounding states. Over one-fourth of the saw logs cut within the State were transported over county lines before being sawn into lumber.

## PULPWOOD

Oklahoma forests produced 159 thousand cords of round pulpwood in 1975, which accounted for 24 percent of the State's timber harvest. Although roundwood production was over four times the amount harvested a decade ago, it was less than half the volume cut in the record year of 1973 (fig. 2).

Softwoods (exclusively pine) comprised 70 percent of the total pulpwood harvest, as compared to only 20 percent in 1965. The hardwood species composition has changed significantly in the last decade because new technology and production methods have enabled pulp industries to use a larger amount of firm-textured hardwood species. Thus, oaks accounted for only 13 percent of the

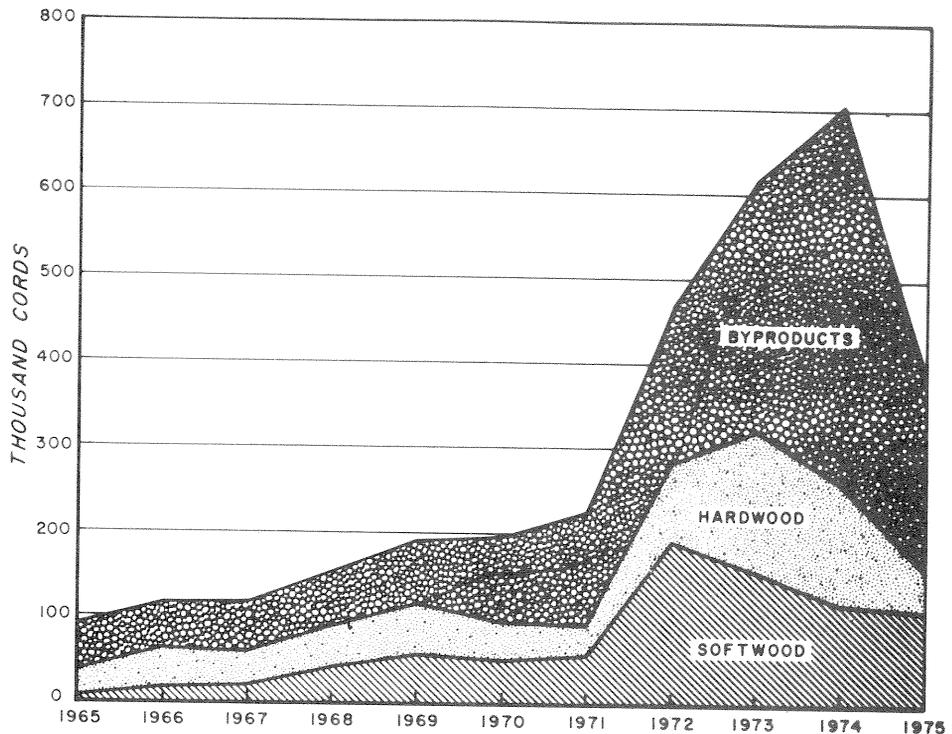


Figure 2. Pulpwood production in Oklahoma, 1965-1975.

1965 hardwood harvest, but in 1975 almost half of the harvest was oak.

Oklahoma imported more pulpwood in 1975 than it harvested. Almost 169 thousand cords were brought into the State, while 46 thousand cords were exported. Pulpmills in Oklahoma processed 282 thousand cords of roundwood, of which only 40 percent came from within the State.

Construction of a new plant, as well as expansion of the existing two facilities, increased Oklahoma's pulping capability from 315 tons per day in 1965 to 2,320 tons in 1975. The sulfate process is used for over half of the wood that is pulped in the State.

In addition to the roundwood volume, the equivalent of 231 thousand cords of Oklahoma plant byproducts were used by pulpmills. Although the use of plant byproducts as a source of pulp fiber declined in 1975, production has quadrupled in the last decade.

### OTHER PRODUCTS

Veneer log harvest in 1975 declined 19 percent over 1972. The 1975 harvest totaled 34 million board feet and accounted for 10 percent of the State's production. Oklahoma has one veneer

plant, which manufactures southern pine plywood. All hardwood veneer logs are exported to mills in other states.

Most of Oklahoma's remaining timber harvest went into the production of over 3.5 million posts. Other products produced were poles, charcoal, and handlestock.

### PLANT RESIDUES

In converting roundwood into primary products, Oklahoma forest industries generated over 27 million cubic feet of various wood residues. Three-fourths of this volume was in coarse items such as slabs, edgings, cull pieces, and other material suitable for conversion into pulp chips. The rest was comprised of finer material such as sawdust and shavings.

Almost 19 million cubic feet of plant byproducts went into the production of pulp. Another 5 million cubic feet were burned for domestic and industrial fuel. And 2 million cubic feet were used for miscellaneous purposes such as charcoal, animal bedding, and soil mulch.

Oklahoma forest industries converted 98 percent of their coarse and 91 percent of their fine wood residues into plant byproducts in 1975. Pulp chips for fiber was the prevalent use of coarse residues; industrial fuel was the main by-

product of the fine residues. Almost two-thirds of the remaining unused one million cubic feet were fine particles.

Over 209 thousand tons of bark were accum-

ulated by Oklahoma forest industries in 1975. Almost 92 percent of this volume was utilized, mostly for industrial fuel. The remaining 17 thousand tons of bark went unused.

Table 1. Volume of industrial roundwood, 1975

| Product                       | Volume in standard units |             |          |          | Roundwood volume |          |          |
|-------------------------------|--------------------------|-------------|----------|----------|------------------|----------|----------|
|                               | Standard units           | All species | Softwood | Hardwood | All species      | Softwood | Hardwood |
| ----- M ft <sup>3</sup> ----- |                          |             |          |          |                  |          |          |
| Saw logs                      | M fbm                    | 192,206     | 157,479  | 34,727   | 31,694           | 25,905   | 5,789    |
| Veneer logs                   | M fbm                    | 34,273      | 32,150   | 2,123    | 5,645            | 5,289    | 356      |
| Pulpwood                      | Std. cords               | 158,901     | 110,453  | 48,448   | 12,823           | 8,947    | 3,876    |
| Poles                         | M pieces                 | 189         | 189      | ...      | 736              | 736      | ...      |
| Posts                         | M pieces                 | 3,557       | 3,552    | 5        | 2,198            | 2,195    | 3        |
| Misc. products <sup>2</sup>   | M ft <sup>3</sup>        | 858         | ...      | 858      | 858              | ...      | 858      |
| Total                         |                          |             |          |          | 53,954           | 43,072   | 10,882   |

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

<sup>2</sup>Includes chemical wood and handlestock.

Table 2. Industrial roundwood by species, 1975

| Species group  | Saw logs | Veneer logs | Pulpwood            | Poles | Posts | Miscellaneous products |
|--|----------|-------------|---------------------|-------|-------|------------------------|
| -- M fbm <sup>1</sup> -- Std. cords -- M pieces -- M ft <sup>3</sup> |          |             |                     |       |       |                        |
| <b>Softwood:</b>   |          |             |                     |       |       |                        |
| Pines  | 157,477  | 32,150      | 110,453             | 189   | 3,542 | ...                    |
| Other softwood   | 2        | ...         | ...                 | ...   | 10    | ...                    |
| Total  | 157,479  | 32,150      | 110,453             | 189   | 3,552 | ...                    |
| <b>Hardwood:</b>   |          |             |                     |       |       |                        |
| Black and tupelo gums  | 567      | ...         | <sup>2</sup> 6,794  | ...   | ...   | ...                    |
| Sweetgum   | 2,827    | 428         | ...                 | ...   | ...   | ...                    |
| Red oaks   | 15,759   | ...         | <sup>3</sup> 23,739 | ...   | 1     | 287                    |
| White oaks   | 6,181    | ...         | ...                 | ...   | 1     | 230                    |
| Other hardwoods  | 9,393    | 1,695       | 17,915              | ...   | 3     | 341                    |
| Total  | 34,727   | 2,123       | 48,448              | ...   | 5     | 858                    |
| All species  | 192,206  | 34,273      | 158,901             | 189   | 3,557 | 858                    |

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

<sup>2</sup>Black and tupelo combined with sweetgum.

<sup>3</sup>Red and white oaks combined.

Table 3. Residues produced by primary wood-using plants, 1975

| Type of industry              | All species |                   |                     | Softwood |                   |                     | Hardwood |                   |                     |
|-------------------------------|-------------|-------------------|---------------------|----------|-------------------|---------------------|----------|-------------------|---------------------|
|                               | Total       | Fine <sup>2</sup> | Coarse <sup>3</sup> | Total    | Fine <sup>2</sup> | Coarse <sup>3</sup> | Total    | Fine <sup>2</sup> | Coarse <sup>3</sup> |
| ----- M ft <sup>3</sup> ----- |             |                   |                     |          |                   |                     |          |                   |                     |
| Lumber and veneer             | 27,307      | 6,435             | 20,872              | 23,887   | 5,182             | 18,705              | 3,420    | 1,253             | 2,167               |
| Poles and posts               | 185         | 124               | 61                  | 185      | 124               | 61                  | ...      | ...               | ...                 |
| Miscellaneous products        | 55          | 33                | 22                  | ...      | ...               | ...                 | 55       | 33                | 22                  |
| All products                  | 27,547      | 6,592             | 20,955              | 24,072   | 5,306             | 18,766              | 3,475    | 1,286             | 2,189               |

<sup>1</sup>Excludes woodpulp industry.

<sup>2</sup>Fine residues include sawdust, screening, and other material generally too small for chipping.

<sup>3</sup>Coarse residues include slabs, edgings, trimmings, and other material generally suitable for chipping.

Table 4. Volume of primary plant byproducts, 1975<sup>1</sup>

| Type of use                   | All species | Softwood | Hardwood |
|-------------------------------|-------------|----------|----------|
| ----- M ft <sup>3</sup> ----- |             |          |          |
| Fuel <sup>2</sup>             | 5,565       | 4,838    | 727      |
| Fiber <sup>3</sup>            | 18,706      | 17,474   | 1,232    |
| Other <sup>4</sup>            | 2,226       | 1,354    | 872      |
| Total                         | 26,497      | 23,666   | 2,831    |

<sup>1</sup>Excludes woodpulp industry.

<sup>2</sup>Includes all residues used as fuel by industrial plants and domestic fuel either sold or given away.

<sup>3</sup>Includes all residues used in manufacture of fiber products, such as pulp or hardboard.

<sup>4</sup>Includes residues used as livestock bedding, mulch, and specialty items.

Table 5. Movement of industrial roundwood by product, 1975

| Product                     | Unit               | Out of State receipts | Logged and remained in State | Logged and shipped out of State | Total receipts | Total production |
|-----------------------------|--------------------|-----------------------|------------------------------|---------------------------------|----------------|------------------|
| ----- Standard units -----  |                    |                       |                              |                                 |                |                  |
| Saw logs                    | M fbm <sup>1</sup> | 23,836                | 183,930                      | 8,276                           | 207,766        | 192,206          |
| Pulpwood                    | Std. cords         | 168,981               | 113,152                      | 45,749                          | 282,133        | 158,901          |
| Poles                       | M pieces           | ...                   | 121                          | 68                              | 121            | 189              |
| Posts                       | M pieces           | 8                     | 1,080                        | 2,477                           | 1,088          | 3,557            |
| Misc. products <sup>2</sup> | M ft <sup>3</sup>  | 1,022                 | 6,147                        | 356                             | 7,169          | 6,503            |

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

<sup>2</sup>Includes veneer, chemical wood, and handlestock.

Table 6. Saw log production by county, 1975

| County                                | All species | Softwood | Hardwood | County                                | All species | Softwood | Hardwood |
|---------------------------------------|-------------|----------|----------|---------------------------------------|-------------|----------|----------|
| - - - - -M fbm <sup>1</sup> - - - - - |             |          |          | - - - - -M fbm <sup>1</sup> - - - - - |             |          |          |
| Adair                                 | 347         | 71       | 276      | Nowata                                | 302         | ...      | 302      |
| Atoka                                 | 1,684       | 1,077    | 607      | Okfuskee                              | 62          | ...      | 62       |
| Bryan                                 | 1,257       | ...      | 1,257    | Okmulgee                              | 16          | ...      | 16       |
| Cherokee                              | 406         | 1        | 405      | Osage                                 | 204         | ...      | 204      |
| Choctaw                               | 4,031       | 2,087    | 1,944    | Ottawa                                | 748         | ...      | 748      |
| Coal                                  | 55          | ...      | 55       | Pawnee                                | 50          | ...      | 50       |
| Craig                                 | 744         | ...      | 744      | Payne                                 | 50          | ...      | 50       |
| Creek                                 | 38          | ...      | 38       | Pittsburg                             | 942         | 10       | 932      |
| Delaware                              | 408         | ...      | 408      | Pontotoc                              | 28          | ...      | 28       |
| Haskell                               | 591         | 384      | 207      | Pushmataha                            | 29,835      | 24,484   | 5,351    |
| Hughes                                | 217         | ...      | 217      | Rogers                                | 207         | ...      | 207      |
| Latimer                               | 1,682       | 511      | 1,171    | Seminole                              | 69          | ...      | 69       |
| LeFlore                               | 18,374      | 15,760   | 2,614    | Sequoyah                              | 84          | ...      | 84       |
| Lincoln                               | 31          | ...      | 31       | Tulsa                                 | 245         | ...      | 245      |
| Logan                                 | 63          | ...      | 63       | Wagoner                               | 314         | ...      | 314      |
| McCurtain                             | 126,672     | 113,094  | 13,578   | Washington                            | 217         | ...      | 217      |
| McIntosh                              | 175         | ...      | 175      | All counties                          | 192,206     | 157,479  | 34,727   |
| Mayes                                 | 2,054       | ...      | 2,054    |                                       |             |          |          |
| Muskogee                              | 4           | ...      | 4        |                                       |             |          |          |

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

Table 7. Saw log movement, 1975

| County <sup>1</sup>           | Logged and<br>remained in<br>county | Outgoing<br>shipments | Incoming<br>shipments | Total log<br>receipts |
|-------------------------------|-------------------------------------|-----------------------|-----------------------|-----------------------|
| -----M fbm <sup>2</sup> ----- |                                     |                       |                       |                       |
| Adair                         | 281                                 | 66                    | 36                    | 317                   |
| Atoka                         | 630                                 | 1,054                 | 77                    | 707                   |
| Cherokee                      | 308                                 | 98                    | ...                   | 308                   |
| Choctaw                       | 2,005                               | 2,026                 | 4,130                 | 6,135                 |
| Delaware                      | 396                                 | 12                    | 44                    | 440                   |
| Haskell                       | 384                                 | 207                   | 49                    | 433                   |
| Latimer                       | 304                                 | 1,378                 | ...                   | 304                   |
| LeFlore                       | 6,676                               | 11,698                | 2,424                 | 9,100                 |
| McCurtain                     | 118,833                             | 7,839                 | 55,513                | 174,346               |
| Ottawa                        | 748                                 | ...                   | 1,960                 | 2,708                 |
| Pushmataha                    | 5,875                               | 23,960                | 2,092                 | 7,967                 |
| Tulsa                         | 129                                 | 116                   | 431                   | 560                   |
| Wagoner                       | 314                                 | ...                   | ...                   | 314                   |
| All other counties            | 2,753                               | 4,116                 | 1,374                 | 4,127                 |
| <u>All counties</u>           | <u>139,636</u>                      | <u>52,570</u>         | <u>68,130</u>         | <u>207,766</u>        |

<sup>1</sup>Counties with less than three plants are omitted.

<sup>2</sup>International 1/4-inch rule.

Table 8. Round pulpwood production, 1975

| County <sup>1</sup>        | All species    | Softwood       | Hardwood      |
|----------------------------|----------------|----------------|---------------|
| - - - Standard cords - - - |                |                |               |
| Blaine                     | 116            | ...            | 116           |
| Carter                     | 61             | ...            | 61            |
| Choctaw                    | 14,989         | 10,736         | 4,253         |
| Cleveland                  | 67             | ...            | 67            |
| Garvin                     | 1,081          | ...            | 1,081         |
| Hughes                     | 27             | ...            | 27            |
| Johnston                   | 62             | ...            | 62            |
| LeFlore                    | 26,859         | 21,457         | 5,402         |
| Lincoln                    | 4,673          | ...            | 4,673         |
| McClain                    | 251            | ...            | 251           |
| McCurtain                  | 65,976         | 55,766         | 10,210        |
| Mayes                      | 3,116          | ...            | 3,116         |
| Okfuskee                   | 1,760          | ...            | 1,760         |
| Oklahoma                   | 32             | ...            | 32            |
| Okmulgee                   | 82             | ...            | 82            |
| Pottawatomie               | 440            | ...            | 440           |
| Pushmataha                 | 38,788         | 22,494         | 16,294        |
| Roger Mills                | 193            | ...            | 193           |
| Stephens                   | 285            | ...            | 285           |
| Woodward                   | 43             | ...            | 43            |
| <u>All counties</u>        | <u>158,901</u> | <u>110,453</u> | <u>48,448</u> |

<sup>1</sup>Counties with no pulpwood production are omitted.

Table 9. Veneer log production by county, 1975

| County                    | All species   |
|---------------------------|---------------|
| <i>M fbm</i> <sup>1</sup> |               |
| Bryan                     | 1,062         |
| Choctaw                   | 1,444         |
| LeFlore                   | 2,296         |
| McCurtain                 | 24,113        |
| Pushmataha                | <u>5,358</u>  |
| <u>All counties</u>       | <u>34,273</u> |

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

Table 10. Pole production by county, 1975

| County              | All species (softwood) |
|---------------------|------------------------|
| <i>M pieces</i>     |                        |
| Choctaw             | 6                      |
| Latimer             | 4                      |
| LeFlore             | 57                     |
| McCurtain           | 75                     |
| Pushmataha          | <u>47</u>              |
| <u>All counties</u> | <u>189</u>             |

Table 11. *Commercial post production by county, 1975*

| County       | All species     |
|--------------|-----------------|
|              | <i>M pieces</i> |
| Atoka        | 10              |
| Choctaw      | 216             |
| Latimer      | 83              |
| LeFlore      | 805             |
| McCurtain    | 1,873           |
| McIntosh     | 7               |
| Pittsburg    | 8               |
| Pushmataha   | <u>555</u>      |
| All counties | <u>3,557</u>    |

Table 12. *Output of miscellaneous products by county, 1975*

| County       | All species (hardwoods) |
|--------------|-------------------------|
|              | <i>M ft<sup>3</sup></i> |
| Choctaw      | 56                      |
| Delaware     | 306                     |
| Latimer      | 14                      |
| LeFlore      | 427                     |
| McCurtain    | 22                      |
| Pushmataha   | <u>33</u>               |
| All counties | <u>858</u>              |

<sup>1</sup>Counties with negligible output are omitted.

Table 13. *Industrial roundwood production by county, 1975*

| County       | All species                 | Softwood      | Hardwood      |
|--------------|-----------------------------|---------------|---------------|
|              | <i>- M ft<sup>3</sup> -</i> |               |               |
| Adair        | 58                          | 12            | 46            |
| Atoka        | 285                         | 184           | 101           |
| Blaine       | 9                           | ...           | 9             |
| Bryan        | 388                         | ...           | 388           |
| Carter       | 5                           | ...           | 5             |
| Cherokee     | 68                          | ...           | 68            |
| Choctaw      | 2,331                       | 1,433         | 898           |
| Cleveland    | 5                           | ...           | 5             |
| Coal         | 9                           | ...           | 9             |
| Craig        | 124                         | ...           | 124           |
| Creek        | 6                           | ...           | 6             |
| Delaware     | 374                         | ...           | 374           |
| Garvin       | 87                          | ...           | 87            |
| Haskell      | 98                          | 63            | 35            |
| Hughes       | 38                          | ...           | 38            |
| Johnston     | 5                           | ...           | 5             |
| Latimer      | 360                         | 151           | 209           |
| LeFlore      | 6,722                       | 5,428         | 2,294         |
| Lincoln      | 379                         | ...           | 379           |
| Logan        | 10                          | ...           | 10            |
| McClain      | 20                          | ...           | 20            |
| McCurtain    | 31,641                      | 28,538        | 3,103         |
| McIntosh     | 34                          | 3             | 31            |
| Mayer        | 592                         | ...           | 592           |
| Muskogee     | 1                           | ...           | 1             |
| Nowata       | 50                          | ...           | 50            |
| Okfuskee     | 151                         | ...           | 151           |
| Oklahoma     | 3                           | ...           | 3             |
| Okmulgee     | 9                           | ...           | 9             |
| Osage        | 34                          | ...           | 34            |
| Ottawa       | 125                         | ...           | 125           |
| Pawnee       | 8                           | ...           | 8             |
| Payne        | 8                           | ...           | 8             |
| Pittsburg    | 162                         | 5             | 157           |
| Pontotoc     | 5                           | ...           | 5             |
| Pottawatomie | 35                          | ...           | 35            |
| Pushmataha   | 9,484                       | 7,255         | 2,229         |
| Roger Mills  | 15                          | ...           | 15            |
| Rogers       | 35                          | ...           | 35            |
| Seminole     | 12                          | ...           | 12            |
| Sequoyah     | 14                          | ...           | 14            |
| Stephens     | 23                          | ...           | 23            |
| Tulsa        | 41                          | ...           | 41            |
| Wagoner      | 52                          | ...           | 52            |
| Washington   | 36                          | ...           | 36            |
| Woodward     | 3                           | ...           | 3             |
| All counties | <u>53,954</u>               | <u>43,072</u> | <u>10,882</u> |

Table 14. *Plant byproducts by county, 1975*

| County <sup>1</sup> | All species                           |               | Softwood     |               | Hardwood   |              |
|---------------------|---------------------------------------|---------------|--------------|---------------|------------|--------------|
|                     | Fine                                  | Coarse        | Fine         | Coarse        | Fine       | Coarse       |
|                     | - - - - - M ft <sup>3</sup> - - - - - |               |              |               |            |              |
| Adair               | 10                                    | 19            | 2            | 6             | 8          | 13           |
| Atoka               | 25                                    | 51            | 1            | 2             | 24         | 49           |
| Cherokee            | 9                                     | 19            | ...          | ...           | 9          | 19           |
| Choctaw             | 212                                   | 489           | 156          | 376           | 56         | 113          |
| Delaware            | 16                                    | 32            | ...          | ...           | 16         | 32           |
| Haskell             | ...                                   | 12            | ...          | 12            | ...        | ...          |
| Latimer             | 2                                     | 13            | 1            | 7             | 1          | 6            |
| LeFlore             | 188                                   | 660           | 181          | 470           | 7          | 190          |
| McCurtain           | 5,292                                 | 18,545        | 4,711        | 17,580        | 581        | 965          |
| Ottawa              | 63                                    | 195           | ...          | ...           | 63         | 195          |
| Pushmataha          | 132                                   | 384           | 33           | 124           | 99         | 260          |
| Rogers              | 1                                     | 5             | ...          | 3             | 1          | 2            |
| Tulsa               | 1                                     | 2             | ...          | ...           | 1          | 2            |
| Wagoner             | 2                                     | 3             | ...          | ...           | 2          | 3            |
| All other counties  | 32                                    | 83            | ...          | 1             | 32         | 82           |
| <u>All counties</u> | <u>5,985</u>                          | <u>20,512</u> | <u>5,085</u> | <u>18,581</u> | <u>900</u> | <u>1,931</u> |

<sup>1</sup>Omitted counties have either negligible volume or less than three plants.

Table 15. *Unused plant residues by county, 1975*

| County <sup>1</sup> | All species                          |        | Softwood |        | Hardwood |        |
|---------------------|--------------------------------------|--------|----------|--------|----------|--------|
|                     | Fine                                 | Coarse | Fine     | Coarse | Fine     | Coarse |
|                     | - - - - -M ft <sup>3</sup> - - - - - |        |          |        |          |        |
| Adair               | 1                                    | 3      | ...      | ...    | 1        | 3      |
| Cherokee            | 2                                    | 3      | ...      | ...    | 2        | 3      |
| Choctaw             | 33                                   | 23     | ...      | ...    | 33       | 23     |
| Delaware            | 1                                    | 1      | ...      | ...    | 1        | 1      |
| Haskell             | 14                                   | 13     | 14       | 13     | ...      | ...    |
| Latimer             | 9                                    | 6      | 6        | 5      | 3        | 1      |
| LeFlore             | 113                                  | 30     | 17       | 20     | 96       | 10     |
| McCurtain           | 96                                   | 73     | 81       | 41     | 15       | 32     |
| Ottawa              | 35                                   | 1      | ...      | ...    | 35       | 1      |
| Pushmataha          | 154                                  | 135    | 99       | 105    | 55       | 30     |
| Rogers              | 5                                    | 2      | 3        | ...    | 2        | 2      |
| Tulsa               | 19                                   | 24     | ...      | ...    | 19       | 24     |
| Wagoner             | 9                                    | 11     | ...      | ...    | 9        | 11     |
| All other counties  | 116                                  | 118    | 1        | 1      | 115      | 117    |
| All counties        | 607                                  | 443    | 221      | 185    | 386      | 258    |

<sup>1</sup>Omitted counties have either negligible volume or less than three plants.

Table 16. *Bark used by county, 1975*

| County                 | All species    | Softwood       | Hardwood      |
|------------------------|----------------|----------------|---------------|
| - - - - -Tons- - - - - |                |                |               |
| Adair                  | 128            | 26             | 102           |
| Atoka                  | 397            | 9              | 388           |
| Cherokee               | 146            | 1              | 145           |
| Choctaw                | 4,244          | 3,351          | 893           |
| Delaware               | 253            | ...            | 253           |
| Latimer                | 79             | 66             | 13            |
| LeFlore                | 2,807          | 2,093          | 714           |
| McCurtain              | 76,837         | 68,088         | 8,749         |
| Ottawa                 | 1,541          | ...            | 1,541         |
| Pushmataha             | 3,797          | 1,625          | 2,172         |
| Rogers                 | 393            | 375            | 18            |
| Tulsa                  | 22             | ...            | 22            |
| Wagoner                | 36             | ...            | 36            |
| Other <sup>1</sup>     | <u>100,533</u> | <u>85,462</u>  | <u>15,071</u> |
| All counties           | <u>191,213</u> | <u>161,096</u> | <u>30,117</u> |

<sup>1</sup>Includes all pulpwood bark and all bark from counties with less than three plants.

Table 17. *Bark unused by county, 1975*

| County              | All species      | Softwood      | Hardwood     |
|---------------------|------------------|---------------|--------------|
|                     | ----- Tons ----- |               |              |
| Adair               | 39               | ...           | 39           |
| Atoka               | 3                | 2             | 1            |
| Cherokee            | 31               | ...           | 31           |
| Choctaw             | 657              | ...           | 657          |
| Delaware            | 57               | ...           | 57           |
| Haskell             | 159              | 159           | ...          |
| Latimer             | 108              | 67            | 41           |
| LeFlore             | 2,354            | 1,259         | 1,095        |
| McCurtain           | 11,057           | 10,507        | 550          |
| Ottawa              | 16               | ...           | 16           |
| Pushmataha          | 925              | 663           | 262          |
| Rogers              | 27               | ...           | 27           |
| Tulsa               | 301              | ...           | 301          |
| Wagoner             | 144              | ...           | 144          |
| Other <sup>1</sup>  | <u>1,929</u>     | <u>70</u>     | <u>1,859</u> |
| <u>All counties</u> | <u>17,807</u>    | <u>12,727</u> | <u>5,080</u> |

<sup>1</sup>Includes all bark from counties with less than three plants.

Table 18. *Large sawmills*<sup>1</sup>

| County    | Firm                                    | Plant         |                      |
|-----------|---|---------------|----------------------|
|           |   | Location      | Address <sup>2</sup> |
| Choctaw   | Fry Forest Products <sup>3</sup>        | Hugo          | Box 458              |
| Le Flore  | Burnett Lumber Co. <sup>3</sup>         | Heavener      | Box 158              |
| McCurtain | Huffman Lumber Co. <sup>3</sup>         | Jumper Bypass | Box 808, Idabel      |
|           | Reynolds-Wilson Lumber Co. <sup>3</sup> | Idabel        | Hiway 70 East        |
|           | Smith Lumber Co.                        | Valliant      | Star Rt. 1           |
|           | Thomason Lumber Co. <sup>3</sup>        | Broken Bow    | Box 804              |
|           | Weyerhaeuser Co. <sup>3</sup>           | Wright City   | Box 269              |

<sup>1</sup>Output of 3 million board feet or more.<sup>2</sup>Office address specified when different from plant location<sup>3</sup>Residues chipped and sold to pulpmills.Table 19. *Small sawmills*<sup>1</sup> (cont.'d)

| County             | Firm                               | Plant        |                            |
|--------------------|------------------------------------|--------------|----------------------------|
|                    |                                    | Location     | Address <sup>2</sup>       |
| Mayes              | L. D. Nutter Sawmill               | Iron Post    | Star Rt. So., Locust Grove |
| Nowata             | C & H Lumber Co.                   | Nowata       | Box 461                    |
| Okmulgee           | Beaver Handle Mill                 | Dewar        | Rt. 3, Box 117, Henryetta  |
|                    | Whitlock Sawmill                   | Henryetta    | Rt. 3, Box 46              |
| Ottawa             | Roy L. Anderson Sawmill            | Afton        | Box 210                    |
|                    | Burleson Sawmill                   | Wyandotte    | Rt. 1, Seneca, MO          |
|                    | Don Cummings Sawmill               | Wyandotte    | Rt. 1, Seneca, MO          |
|                    | Prater & Son Sawmill               | Wyandotte    | Rt. 1, Box 364, Seneca, MO |
| Payne              | John Bingerman                     | Yale         | Rt. 1                      |
| Pittsburg          | Bill Johnston Sawmill              | Indianola    | Rt. 1                      |
|                    | Jesse Lott Sawmill                 | Scipio       | Rt. 1, Indianola           |
| Pushmataha         | Birchfield Lumber Co. <sup>3</sup> | Antlers      | Rt. 2                      |
|                    | Dunham Tie Mill                    | Antlers      | Rt. 1, Box 268             |
|                    | W. A. Fairless Tie Mill            | Antlers      | General Delivery           |
|                    | Fowler Lumber Co.                  | Clayton      | Rt. 10, Box 33A            |
|                    | G. P. Frederick Sawmill            | Moyer        | Moyer                      |
|                    | Julian & Hansen Wood Products      | Rattan       | Box 146                    |
|                    | Henslee Lumber Co.                 | Antlers      | Box 516                    |
| Jackson Lumber Co. | Snow                               | Star Rt.     |                            |
|                    | Vipperman Sawmill                  | Moyer        | Star Rt.                   |
| Rogers             | W. G. Brasier Sawmill              | Claremore    | Rt. 2                      |
|                    | Cleo Powers Sawmill                | Catoosa      | Rt. 1, Box 87A             |
| Seminole           | Melvin Mullins                     | Sasaskwa     | Rt. 1, Konawa              |
| Sequoyah           | Ted Gardenhair                     | Rocky Point  | Rt. 1, Sallisaw            |
| Tulsa              | Jim Burt Sawmill                   | Sperry       | Box 712                    |
|                    | John Little Sawmill                | Bixby        | Rt. 3, Box 233             |
|                    | Mill Products                      | Collinsville | 815 No. 5th                |
| Wagoner            | Ed Gilbert Sawmill                 | Coweta       | Rt. 1, Box 4-1             |
|                    | Willie Gilbert Sawmill             | Coweta       | Rt. 1                      |
|                    | Leonard Holloway Sawmill           | Wagoner      | 410 No. Gertrude           |

<sup>1</sup>Output of less than 3 million board feet.<sup>2</sup>Office address specified when different from plant location.<sup>3</sup>Residues chipped and sold to pulpmills.

Table 20. *Other primary forest industries*

| County     | Firm   | Plant      |                         |
|------------|--|------------|-------------------------|
|            |  | Location   | Address <sup>1</sup>    |
| Choctaw    | Central Forest Products, Inc. <sup>2</sup>   | Hugo       | Box 392                 |
|            | Bruner Ivory Handle Co. <sup>3</sup>         | Boswell    | Box 372                 |
| Delaware   | Beaver Handle Co. <sup>3</sup>               | Topsy      | Star Rt., Spavinaw      |
|            | Cherokee Forest Industries <sup>4</sup>      | Kenwood    | Box 119, Tahlequah      |
| Latimer    | Cal McCullough Log Cabins <sup>2</sup>       | Red Oak    | Box 316                 |
| Le Flore   | Heavener Charcoal <sup>4</sup>               | Heavener   | Box 146                 |
|            | Reese Tie Co.-Arkwood, Inc. <sup>2</sup>     | Heavener   | Box 790, Harrison, Ark. |
|            | Reese Tie Co.-Arkwood, Inc. <sup>2</sup>     | Talihina   | Box 790, Harrison, Ark. |
|            | Talihina Charcoal <sup>4</sup>               | Talihina   | Rt. 1                   |
| McCurtain  | Huffman Wood Preserving, Inc. <sup>2</sup>   | Broken Bow | Drawer A                |
|            | Mixon Bros. Wood Preserving Co. <sup>2</sup> | Idabel     | Box 307                 |
|            | Weyerhaeuser Co. <sup>5</sup>                | Broken Bow | Box 269, Wright City    |
|            | Weyerhaeuser Co. <sup>5</sup>                | Valliant   | Box 269, Wright City    |
|            | Weyerhaeuser Co. <sup>6</sup>                | Wright     | Box 269                 |
| McIntosh   | Earl Killingsworth <sup>2</sup>              | Checotah   | Rt. 2                   |
| Mayes      | Georgia-Pacific <sup>5</sup>                 | Pryor      | Box 578                 |
| Pushmataha | L & M Post Co. <sup>2</sup>                  | Antlers    | Box 188                 |
| Rogers     | Beaver Log Homes <sup>2</sup>                | Claremore  | Box 1145                |

<sup>1</sup>Office address specified when different from plant location.<sup>2</sup>Post, pole and piling plant.<sup>3</sup>Handlestock.<sup>4</sup>Charcoal.<sup>5</sup>Wood Pulpmill.<sup>6</sup>Pine Plywood.

Bertelson, Daniel F.

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Serv. Resourc. Bull. SO-64)

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**Additional keywords:** Saw logs, pulpwood, roundwood, residues, industries.

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