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Forest Products Laboratory

General Technical Report FPL–GTR–103

## Wood-Based Panel Plant Locations and Timber Availability in Selected U.S. States



#### Abstract

This report lists wood-based panel industry plant locations, production capacities, timber inventories, and wood costs for 24 U.S. states. Industry sectors covered include mediumdensity fiberboard, particleboard, softwood plywood, and oriented strandboard. Maps of major forest producing states show plant locations and the underlying density of timber stocking by county. The study relates physical measures of timber availability to market measures of timber scarcity and draws inferences about the potential of selected states to increase timber output at their present rate of forest productivity.

Keywords: Oriented strandboard, plywood, particleboard, medium-density fiberboard, capacity

#### Contents

| Introduction1  |
|--|
| Methods1   |
| Results and Discussion2  |
| Summary of Timber Availability and Costs4                      |
| References   |
| Appendix—Panel Plant Capacity and Timber<br>Inventory by State |

Page

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### Wood-Based Panel Plant Locations and Timber Availability in Selected U.S. States

**Tim McKeever,** Intern **Henry Spelter,** Economist Forest Products Laboratory, Madison, Wisconsin

#### Introduction

The data for this study were compiled with the U.S. woodbased panel industry in mind, but the study has relevance to the entire spectrum of industrial wood-using activities. Our primary intent was to show visually the dispersion of panel plants, to accompany a recently released report (Spelter and others 1997). But we also wanted to superimpose the location of plants from that report on a visual representation of timber availability in each selected state. To complete the connection between timber use and inventory, we also included tables that summarize overall industrial activity and timber prices. Included in these tables are lumber production and pulpwood receipts that allow for simple comparisons of the magnitude of the panel industries relative to lumber and pulp. From these data, it is possible to obtain a general overview of the location of panel plants and a sense for whether plants of a given type are many or few in relation to each other and to the available timber.

#### Methods

This publication contains maps of 24 major forest producing states, primarily from the eastern United States. West Coast states were not included because of the unavailability at this time of county-by-county timber inventory.

For every state, the density of timber by county is represented on a shaded gradient, with the darkest shading representing the highest stocking. The boundaries of the stocking density classes were made broad to reflect the heightened uncertainty when the sample data upon which these inventory estimates are made are disaggregated to the county level.

Although some states, such as Missouri, lack panel producers, they are included because of the abundance of timber therein. In general, the timber resource represented is the inventory of growing stock, which is defined by the USDA Forest Service as live trees of commercial species, meeting specified standards of quality and vigor, and at least 12.7 cm in diameter. For Missouri, Minnesota, Montana, and Wisconsin, values for live cull trees were added because this resource forms a significant part of the overall stock. A cull tree is defined as at least 12.7 cm in diameter and unmerchantable for saw logs because of rot, roughness, or species. But such trees are a potential fiber source for composites.

The maps were produced with the Atlas Geographic Information System software package (Atlas GIS) (Environmental Systems Research Inst., Inc., Redlands, CA). The various mills were located on each map according to their zip codes. In certain locales, such as eastern Texas, different types of mills are often contained within the same complex. In some of these cases, we compromised location accuracy for clarity by shifting their positions to nearby zip codes to distinguish one from another. Similarly, if two mills belonging to the same company produced the same product in the same location, we combined them into a single entity.

On the maps, different symbols are used for plywood (circles), for oriented strandboard (OSB) (triangles), and for particleboard/medium-density fiberboard (MDF) plants (stars). The sizes of the symbols, which denote locations of the mills, are proportional to the mills' capacities and are consistent across maps, even though the map scales fluctuate according to state size. Each map is designed by the software to fit onto a single page, and consequently, scale will vary from map to map. The legends to the right of most maps show three sample sizes that are intended to help visualize the amount of capacity indicated at each site.

Accompanying each map is a table containing key industry data consisting of panel sector capacities, softwood lumber production, pulpwood receipts, timber prices, and the ratio of estimated removals to timber inventory for each state. These data were obtained from a variety of sources. Capacities were derived from Spelter and others (1997) and were modified to reflect changes that have occurred since that report was published.

The USDA Forest Service was the source of timber inventory data (USDA 1996). Values for timber costs were obtained from a southern price reporting concern (University of Georgia, 1980–1997), McLaren (1995–1997), and various State Department of Natural Resources stumpage price reports.

The stumpage prices are statewide averages. Values can vary significantly within a given state based on local market conditions. The U.S. census served as a source for the lumber production and pulpwood receipts.

#### **Results and Discussion**

One key item in the tables is the ratio of timber drain to timber inventory. In plant siting studies, this is used as a gauge of physical timber availability, whereas in economic studies (Adams and Haynes 1980), this ratio is often a predictor of timber costs. Another key item is the stumpage price of timber, which is an economic measure of timber scarcity. We contrasted these two items to determine the degree in which the former can be used as a predictor of the latter and what, if anything, these variables imply about relative timber market conditions and timber availability in the various regions.

To obtain a measure of timber drain, we combined plywood, OSB, particleboard, and MDF capacities with lumber production and pulpwood receipts. These categories constitute the bulk of removal except for timber exported from a state in roundwood or chip form or used for miscellaneous products such as fuelwood, posts, poles, pilings, laminated veneer lumber, and hardwood plywood. Residues generated in making plywood and lumber and not accounted for by their capacities or production are picked up in pulpwood receipts and particleboard capacity. These estimates have the advantage of being more current than the periodic timber product utilization estimates made by the Forest Service. Dividing this timber drain number by the inventory approximates the rate of utilization of timber inventory within a given state.

Figures 1 and 2 show this drain/inventory ratio compared with recent pine sawtimber and pulpwood stumpage prices for states located in the East. This region was selected to exclude possible confounding effects of old-growth timber and public forest land set asides on timber values. Figure 1 shows the extent of the correlation that exists between the level of sawtimber stumpage prices and the drain ratios. States with the highest drain ratios, for example, Alabama, Texas, and Mississippi, have the highest stumpage costs while those with the lowest drain ratios, such as Virginia,

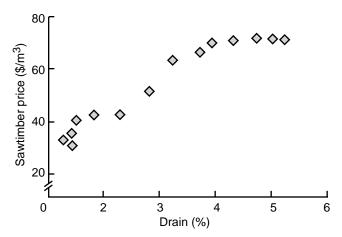


Figure 1—Timber drain compared with sawtimber prices in 14 eastern states.

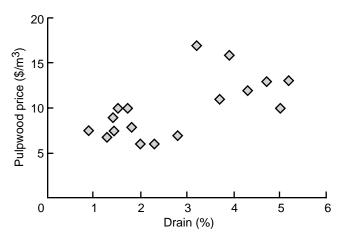


Figure 2—Timber drain compared with pulpwood prices in 17 eastern states.

Tennessee, and Michigan, have the lowest. For pulpwood, the relationship is less exact, but a link between drain and costs is still evident. In states where the drain ratio is greater than 3%, prices for pulpwood tend to be greater than in those where the ratio is less.

The drain/inventory ratio is one of several physical measures of timber availability. By itself, it is incomplete because it omits consideration of timber growth rates. The inverse of the drain/inventory ratio, multiplied by a hundred, represents the number of years to exhaust the present inventory at the given utilization rate, if no replacement were to occur. For Alabama, the 5.2% utilization rate implies about a 20-year harvest cycle, while Minnesota's 1.4% translates to 70 years. Whether or not these represent unsustainable rates of liquidation on the one hand or resource underutilization on the other depends on a region's underlying capacity to grow fiber.

The warm and humid climates of the South with their long growing seasons can sustain shorter harvest cycles than the North with its colder climate and shorter growing seasons.

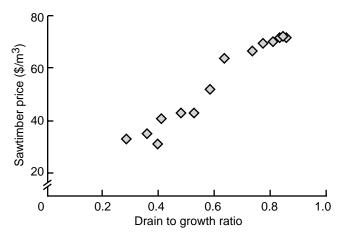


Figure 3—Timber drain to growth ratio compared with sawtimber prices in 14 eastern states.

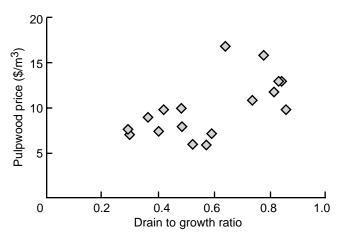


Figure 4—Timber drain to growth ratio compared with pulpwood prices in 17 eastern states.

Therefore, another indicator of timber availability complementing the drain/inventory ratio is the ratio between timber drain and growth. When that ratio equals one, harvest and growth are equal. Below one, growth exceeds harvest, while above one, cutting surpasses regrowth.

We define drain the same as before and growth as net growth plus mortality (because that part of the resource remains available for use and is often salvaged). Figures 3 and 4 show this ratio relative to stumpage prices. As before, sawtimber exhibits the clearest correlation between the variables, confirming the results obtained with the drain/inventory ratio. If there existed large stocks of mature timber exhibiting little growth, then the drain/growth ratio could be very large even if the drain/inventory ratio were small, giving mixed signals about the price of timber. The correspondence to prices of the drain/inventory and drain/growth ratios implies that there is little overhang of mature timber in these regions. For pulpwood, the relationship is again not as strong as for

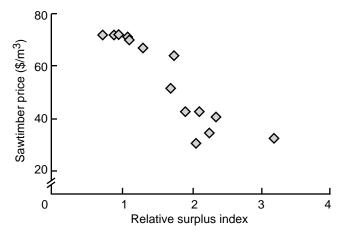


Figure 5—Relative surplus of timber compared with sawtimber prices in 17 eastern states (relative surplus index is gross growth minus drain divided by inventory).

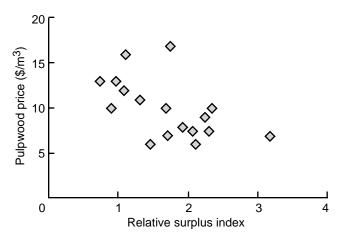


Figure 6—Relative surplus of timber compared with pulpwood prices in 17 eastern states (relative surplus index is gross growth minus drain divided by inventory).

sawtimber but shows two distinct zones between which a clear separation in pulpwood costs occurs. Above a drain/growth ratio of about 0.6, pulpwood prices tend to be higher than when the ratio is less than 0.6. One exception is Maine, which despite a moderately high 0.67 ratio of drain/growth, has below average pine pulpwood stumpage prices. This reflects in part the choice of timber species used to represent pulpwood, which for the sake of simplicity and consistency was pine across all states. In Maine, spruce is also a large component of pulpwood supply and its prices tend to be higher than those of pine.

It is reasonable to suppose that a more complete indicator of a region's timber availability is one that combines both of the above indicators and their three components. If we define timber surplus as gross growth less drain and divide that by inventory, then an indicator of relative surplus is obtained that combines all three variables in one compact index. Figures 5 and 6 show how this index compares with timber

|                |  |                            |                           |                            |                 | ige price<br>\$/m³) |                      |                                     |
|----------------|--|----------------------------|---------------------------|----------------------------|-----------------|---------------------|----------------------|-------------------------------------|
| Location       | Total<br>inventory<br>(×10 <sup>6</sup> m <sup>3</sup> ) | Drain/<br>inventory<br>(%) | Drain/<br>growth<br>ratio | Relative<br>surplus<br>(%) | Saw-<br>timber  | Pulp-<br>wood       | Soft-<br>wood<br>(%) | Federally<br>owned<br>inventory (%) |
| South          |  |                            |                           |                            |                 |                     |                      |                                     |
| Alabama        | 654  | 5.2                        | 0.84                      | 1.0                        | 72              | 13                  | 50                   | 5                                   |
| Texas          | 360  | 5.0                        | 0.86                      | 0.9                        | 72              | 10                  | 60                   | 11                                  |
| Mississippi    | 580  | 4.7                        | 0.84                      | 0.7                        | 72              | 13                  | 45                   | 14                                  |
| Louisiana      | 525  | 4.3                        | 0.82                      | 1.1                        | 71              | 12                  | 53                   | 9                                   |
| Georgia        | 866  | 3.9                        | 0.78                      | 1.1                        | 70              | 16                  | 50                   | 8                                   |
| South Carolina | 470  | 3.7                        | 0.74                      | 1.3                        | 67              | 11                  | 50                   | 10                                  |
| Florida        | 435  | 3.2                        | 0.64                      | 1.7                        | 64              | 17                  | 55                   | 12                                  |
| Arkansas       | 612  | 2.8                        | 0.59                      | 1.7                        | 52              | 7                   | 40                   | 20                                  |
| North Carolina | 930  | 2.3                        | 0.53                      | 2.1                        | 43              | 6                   | 38                   | 10                                  |
| Virginia       | 740  | 1.8                        | 0.48                      | 1.9                        | 43              | 8                   | 26                   | 13                                  |
| Tennessee      | 470  | 1.3                        | 0.29                      | 3.2                        | 33              | 9                   | 17                   | 10                                  |
| North          |  |                            |                           |                            |                 |                     |                      |                                     |
| Maine          | 590  | 2.0                        | 0.57                      | 1.5                        | NA <sup>a</sup> | 6                   | 66                   | 1                                   |
| Wisconsin      | 500  | 1.7                        | 0.48                      | 1.7                        | NA              | 8                   | 26                   | 15                                  |
| Michigan       | 560  | 1.5                        | 0.41                      | 2.3                        | 41              | 10                  | 30                   | 14                                  |
| Missouri       | 255  | 1.5                        | 0.43                      | 2.0                        | 31              | NA                  | 7                    | 11                                  |
| Minnesota      | 485  | 1.4                        | 0.36                      | 2.2                        | 35              | 10                  | 30                   | 14                                  |
| Kentucky       | 453  | 1.0                        | 0.33                      | 2.0                        | NA              | NA                  | 8                    | 7                                   |
| Pennsylvania   | 675  | 0.9                        | 0.29                      | 2.3                        | NA              | NA                  | 9                    | 5                                   |
| New York       | 617  | 0.6                        | 0.17                      | 3.0                        | NA              | NA                  | 23                   | 1                                   |
| West Virginia  | 551  | 0.4                        | 0.14                      | 2.4                        | NA              | NA                  | 6                    | 9                                   |

Table 1—Summary of timber availability indicators and 1997 pine stumpage prices by state

<sup>a</sup>Data not available.

costs in some states. They confirm the general relationships observed between prices and the drain/inventory ratio and the drain/growth ratio.

#### Summary of Timber Availability and Costs

Table 1 summarizes the timber inventory data, the availability indicators, and 1997 pine stumpage prices by state for most of the eastern half of the United States. These physical measures of timber availability and prices used to indicate market scarcity are only two of many factors that investors should consider when planning a site for a timber-using investment.

Also, the indexes are gross aggregate measures of availability involving all species and sizes of timber above a certain diameter, so the conclusions here are only a starting point for an analysis of potential timber investment siting for which the requirements might be more particular. Finally, data on timber inventory do not reflect timber below the 12.7-diameter, as noted earlier. This may be significant because of extensive plantings undertaken within the past decade on Conservation Reserve Program (CRP) lands. The bulge in growth represented by this category will not begin to appear in the data until inventories are taken in the next few years.

With these caveats, our data indicate that states can presently be roughly broken into three broad categories according to timber availability and costs: (i) a high cost group where harvests are close to sustainable levels, (ii) an intermediate cost group where some potential to increase harvests exists, and (iii) a low cost group where there is the greatest potential to increase harvests.

The first group consists of Texas, Louisiana, Mississippi, Alabama, Georgia, and South Carolina. Their drain/ inventory ratios range from 3.7% to 5.2%, implying a

harvest cycle of about 25 years or less. Their drain/growth ratios are 74% or higher, implying that their harvests are near or at their sustainable levels at the present rates of growth. Finally, their relative timber surpluses are not much greater than 1% of inventory (depending on how much of the mortality is not recovered, these states could actually be harvesting and losing more than their regrowth, in which case their relative surpluses are actually negative). Prices for pine saw-timber stumpage reflect these conditions and have been around \$70 per m<sup>3</sup> in 1997, the highest among the timber producing states across the eastern half of the United States.

The intermediate group lies at the periphery of the states in the first group and includes Florida, North Carolina, Virginia, Arkansas, and the northern states of Maine, Wisconsin, and Michigan. Their drain/inventory ratios range from 1.5% to 3.2%, at the lower end of the range for the first group. Their drain/growth ratios range from 41% to 64%, implying that their harvests are well below their sustainable levels. Finally, their relative timber surpluses lie between 1.3% and 2.3%. These somewhat slack conditions are reflected in prices for sawtimber, which range from around \$40 to around \$60 per cubic meter.

Finally, the low cost group is made up of states located primarily in the eastern hardwood belt where softwoods constitute a relatively small share of the total inventory. This group includes Kentucky, Tennessee, Missouri, Minnesota, Pennsylvania, New York, and West Virginia. The drain/inventory ratios in these primarily northern states range between 0.4% to 1.5%. Relative to gross growth, current drains range from 41% to a mere 14%. Relative surpluses range from 2% for Missouri to a substantial 3.2% for Tennessee. Sawtimber prices for pine range from the low \$30's to the low \$40's per cubic meter.

#### References

Adams, D.M.; Haynes, R. 1980. The 1980 timber assessment market model: Structure, projections and policy simulations. Forest Science. 26(3): Monograph 22.

McLaren, J., ed. 1995–1997. International woodfiber report. San Francisco, CA: Miller–Freeman, Inc.

**Spelter, H.; McKeever, D.; Durbak, I.** 1997. Review of the wood-based panel sector in the United States and Canada. FPL–GTR–99. Madison, WI: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory.

**University of Georgia.** 1980–1997. Timber mart south, quarterly publication. Athens, GA: Daniel B. Warnell School of Forest Resources, University of Georgia.

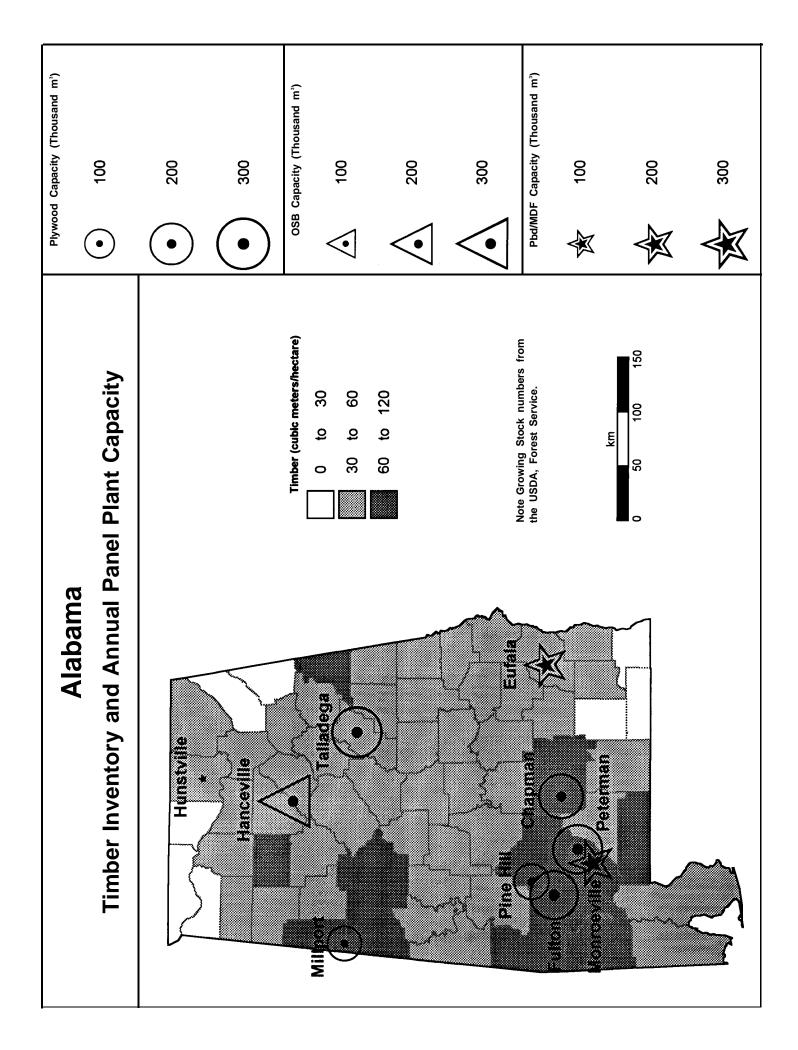
USDA. 1996. Forest inventory and analysis data base retrieval system. U.S. Department of Agriculture, Forest Service. URL: http://www.srsfia.usfs.msstate.edu/scripts/ewdbrs.htm

# Appendix—Panel Plant Capacity and Timber Inventory by State

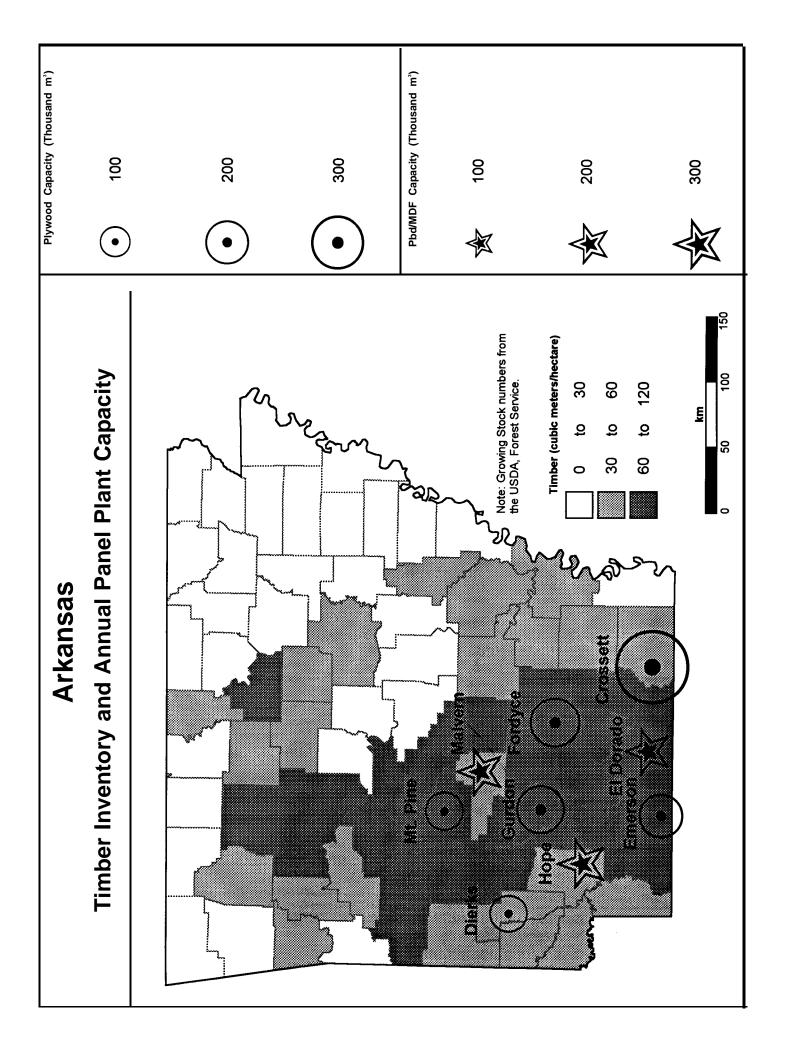
The following maps and tables show past and present capacity of various wood-based panel plants and the availability of timber in the vicinity of these plants for 24 states. The 24 states are presented in alphabetical order.

The symbols on the following maps have been proportionally scaled according to the capacity of the plant they represent. Legends accompany each map that contain the same symbols. The symbols found on the maps are not necessarily the same size as those found in the legends. The symbols in the legends are guidelines to give an indication of the value of capacity. The actual capacity value is given for each plant in the accompanying table.

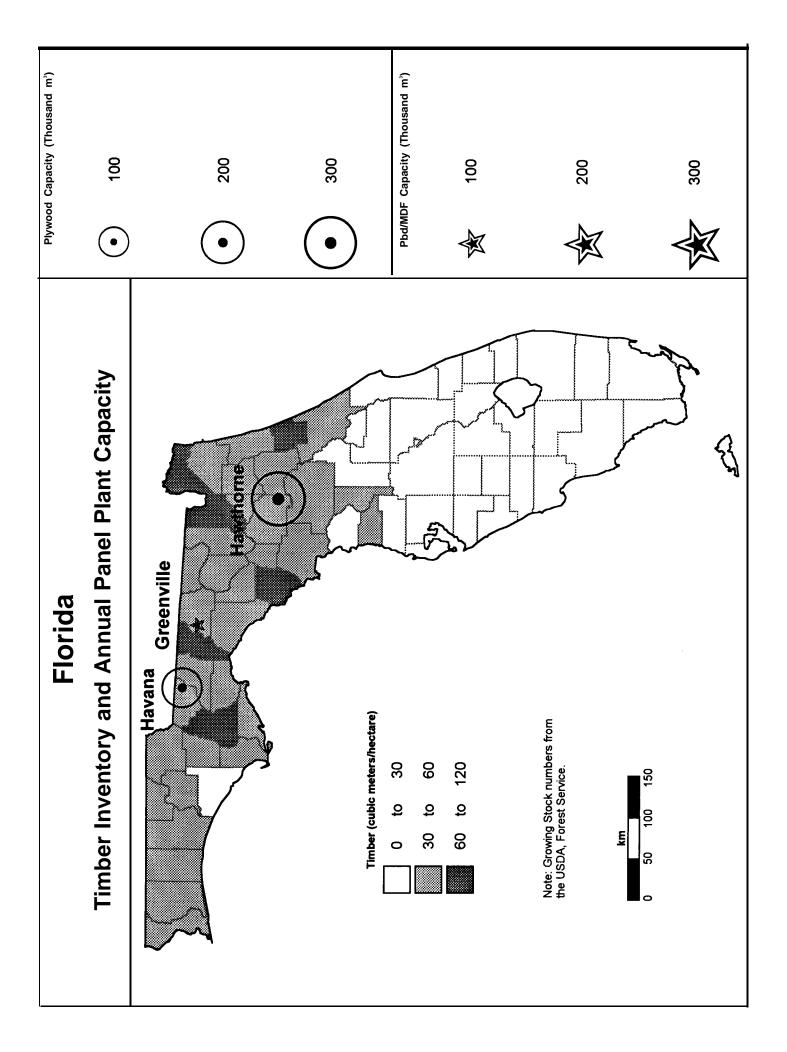
Abbreviations used in the following maps and tables are as follows: OSB, oriented strandboard; Pbd, particleboard; MDF, medium-density fiberboard.



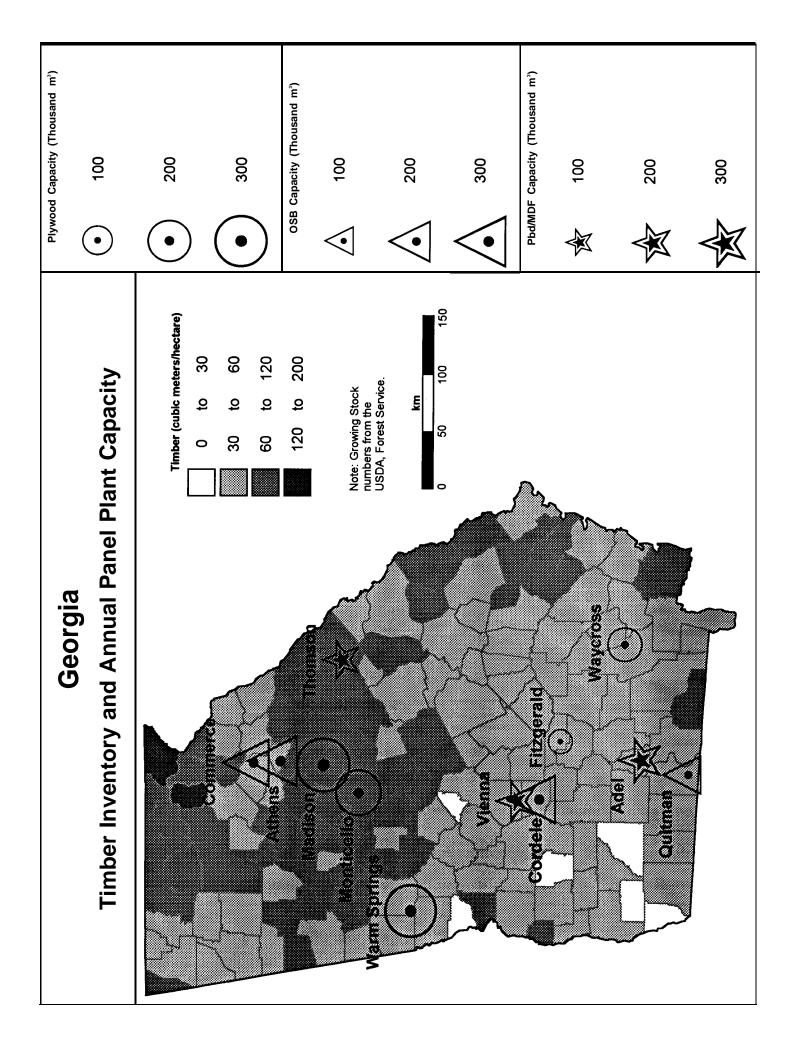
|                    |                              | Year  | Year   |       |             |            | Capacity / Proc | Capacity / Production (Thousand m <sup>*</sup> ) | and m³) |   |                         |      |             |
|--------------------|------------------------------|-------|--------|-------|-------------|------------|-----------------|--|---------|---|-------------------------|------|-------------|
| Location           | Company                      | built | closed | 1965  | 1970        | 1975       | 1960            | 1965   | 1990    | 1995  | 1996                    | 1997 | 1998        |
| PINE PLYWOOD       | OD                           |       |        |       |             |            |                 |  |         |   |                         |      |             |
| Fulton             | Scotch                       | 1965  |        | 4     | <b>6</b> 8  | <b>6</b> 8 | 159             | 8<br>8   | 235     | 257   | 257                     | 257  | 257         |
| Chapman            | Union-Camp                   | 1967  |        |       | <u>1</u> 06 | 106        | 168             | 171  | 186     | 21  | ឆ                       | ង    | 23          |
| Pine Hill          | McM-Bloed                    | 1968  |        |       | 106         | 106        | 133             | 133  | 119     | 142   | 142                     | 142  | 142         |
| Cordova            | Champion                     | 1970  | 1984   |       | ខ           | 62         | 75              |  |         |   |                         |      |             |
| Andalusia          | Independent                  | 1970  | 1983   |       | 27          | 8          | 8               |  |         |   |                         |      |             |
| Livingston         | Sumter>McBI                  | 1971  |        |       |             | 88         | 80              |  |         |   |                         |      |             |
| Tailadega          | G-P                          | 1975  |        |       |             | 115        | 195             | 200  | 274     | 289   | 289                     | 289  | 289         |
| Milport            | Weyerhaeus                   | 1977  |        |       |             |            | 71              | 8  | 111     | 128   | 40                      | 140  | 9<br>1<br>4 |
| Peterman           | G-P.                         | 1978  |        |       |             |            | 204             | 204  | 274     | 274   | 274                     | 274  | 274         |
| TOTAL              |                              |       |        | 4     | 350         | 646        | 1173            | 266  | 1199    | 1312  | 1323                    | 1323 | 1323        |
| <b>ORIENTED ST</b> | <b>ORIENTED STRANDBOARD</b>  |       |        |       |             |            |                 | ŗ  |         |   |                         |      |             |
| Hanceville         | L-P                          | 1994  |        |       |             |            |                 |  |         | 310   | 310                     | 310  | 310         |
| TOTAL              | _                            |       |        |       |             |            |                 |  |         | 310   | 310                     | 310  | 310         |
| TOTAL PLYW         | TOTAL PLYWOOD AND OSB        |       |        | 64    | 350         | 646        | 1173            | 667  | 1199    | 1622  | 1633                    | 1633 | 1633        |
|                    | ARD<br>Oile- K1              |       |        | Ċ     | Ģ           | ę          |                 |  |         |   |                         |      |             |
| HUNSTUHE           | Glies-Kend                   | AN    |        | 21    | 12          | 12         | 18              | 18   | 1       | 7   | 1                       | 11   | :           |
| Monroeville        | Olinkr>Temp                  | 1974  |        |       |             | 142        | 177             | 17   | 212     | 212   | 266                     | 266  | 266         |
| Pine Hill          | McM-Bloed                    | 1974  | 1979   |       |             | 177        |                 |  |         |   |                         |      |             |
| Euraia             |                              | C/61  | 19/8   | 9     | !           | 191        |                 |  |         |   |                         |      |             |
| TOTAL              | L<br>                        | -     |        | 12    | 5           | 522        | 195             | 195  | 223     | 223   | 277                     | 277  | 277         |
|                    |                              | KU    |        |       |             |            |                 |  |         |   |                         |      |             |
| Eutala             | ۲-<br>۲                      | 1979  |        |       |             |            | 106<br>1        | 124  | ផ       | 239   | 239                     | 239  | 239         |
| TOTAL              | -                            |       | l      |       |             |            | 106             | 124  | 221     | 239   | 239                     | 239  | 239         |
| TOTAL PARTI        | TOTAL PARTICLEBOARD AND MDF  | OMDF  |        | 12    | 12          | 522        | 301             | 319  | 44      | 462   | 516                     | 516  | 516         |
| LUMBER PRODUCTION  | DUCTION                      |       |        | 2910  | 3047        | 2740       | 2605            | 4338   | 4713    | 6025  | 5815                    | NA   | AA          |
| PULPWOOD RECEIPTS  | RECEIPTS                     |       |        | 10745 | 14162       | 13998      | 19348           | 20012  | 21905   | 25880   | AN                      | NA   | AN          |
| TOTAL DRAIN        | _                            |       |        | 13707 | 17571       | 17906      | 23427           | 25665  | 28261   | 33989   | NA                      | ٩N   | AN          |
| 1995 DRAIN / I     | 1995 DRAIN / INVENTORY RATIO | 10    |        |       |             |            |                 |  |         | 0.052   |                         |      |             |
|                    |                              |       |        |       |             |            |                 | Ι <u>γ</u> ι                                     |         | TYPICAL WOOD COSTS ( U.S. \$ per m <sup>3</sup> ) | \$ per m <sup>3</sup> ) |      |             |
| Pine sawtimber     |                              |       |        |       |             |            |                 |  |         |   |                         |      |             |
| Standing           |                              |       |        |       |             |            | 27              | 8  | 32      | 20  | 55                      | 72   | AN          |
| Delivered          |                              |       |        |       |             |            | 37              | <del>8</del>                                     | ያ       | 88  | 78                      | 92   | A           |
| Pine pulpwood      |                              |       |        |       |             |            |                 |  |         |   |                         |      |             |
| Standing           |                              |       |        |       |             |            | 7               | 8  | თ       | 14  | 12                      | 13,  | AN          |
| Delivered          |                              |       |        |       |             |            | 18              | 8  | 21      | ଷ୍ପ   | 28                      | R    | AN          |
| Hardwood pulpwood  | poon                         |       |        |       |             |            |                 |  |         |   |                         |      |             |
| Standing           |                              |       |        |       |             |            | -               | 7  | S       | 11  | ß                       | 11   | NA          |
| Delivered          |                              |       |        |       |             |            | 13              | 14   | 8       | 28  | 25                      | 8    | AN          |
|                    |                              |       |        |       |             |            |                 |  |         |   |                         |      |             |



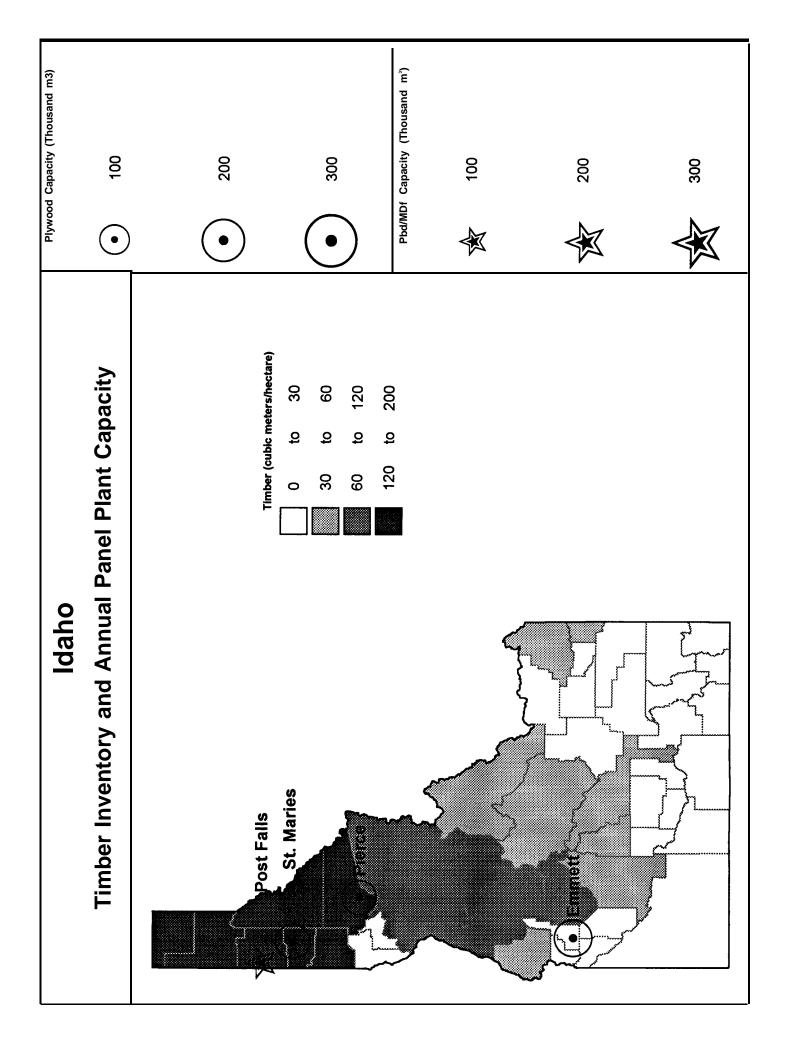
|                   |                              | Year  | Year   |             |            |        | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thous: | and m <sup>3</sup> ) |  |            |      |      |
|-------------------|------------------------------|-------|--------|-------------|------------|--------|--|----------------|----------------------|--|------------|------|------|
| Location          | Company                      | built | closed | 1965        | 1970       | 1975   | 1980   | 1985           | 1990                 | 1995   | 1996       | 1997 | 1998 |
| PINE PLYWOOD      | OOD                          |       |        |             |            |        |  |                |                      |  |            |      |      |
| Fordyce           | G-P                          | 1964  |        | 8           | 119        | 133    | 171  | 226            | 252                  | 270  | 270        | 270  | 270  |
| Crossett1         | д-р                          | 1965  |        | ន           | 137        | 171    | 17   | 271            | 279                  | - 6×   | 8          | 8    | 8    |
| Crossett2         | <u>с</u> -Р                  | 1966  |        |             | 128        | 171    | 17   | 23             | 283                  | 905  | 505        | 282  | 283  |
| Gurdon            | Arkla                        | 1967  | 1978   |             | 106        | 106    |  |                | •                    | }  |            | }    | 2    |
| Mt. Pine          | Weyerh                       | 1971  |        |             |            | 75     | 75   | 97             | 106                  | 159  | 159        | 159  | 159  |
| Dierks            | Weyerh                       | 1971  |        |             |            | 75     | 75   | 67             | 106                  | 158  | 158        | 158  | 158  |
| Huttig            | OlinM>Manv                   | 1971  | 1986   |             |            | 62     | 71   | 89             |                      |  |            |      |      |
| Gurdon            | <del>4</del> -               | 1979  |        |             |            |        | 159  | 217            | 230                  | 252  | 252        | 252  | 252  |
| Emerson           | Willamette                   | 1979  |        |             |            |        | 124  | 142            | 164                  | 208  | 208        | 208  | 208  |
| TOTAL             | 'AL                          |       |        | 624         | 491        | 805    | 1035   | 1310           | 1420                 | 1644   | 1644       | 1622 | 1622 |
| ORIENTED STF      | ORIENTED STRANDBOARD         |       |        |             |            |        |  |                |                      |  |            |      |      |
|                   |                              |       | Ĺ      | <b>6</b> 04 | 104        | ONE    | 1005   | 0101           | 0077                 |  |            |      |      |
|                   |                              |       |        | 024         | 8          | ß      | CSU1   | 1310           | 1420                 | 1644   | 1644       | 1622 | 1622 |
| Crossett          |                              | NA    | 1981   | Ą           | 112        | 186    | 730  |                |                      |  |            |      |      |
| Hope              | S. Plaswood                  | Υ A   | 1975   | ξ           | <u>1</u> K | 3 K    | 607<br>7   |                |                      |  |            |      |      |
| Trimann           | Sinner                       | NA    | 1981   |             | ì          | 2<br>2 | ac   |                |                      |  |            |      |      |
| Malvern           | а<br>- 1                     | 1968  | 1975   |             |            | 124    | 2  |                |                      |  |            |      |      |
| Hope              | Temple Inl.                  | 1996  | •      |             |            | į      |  |                |                      |  |            | 301  | 301  |
| TOTAL             | 'AL                          |       |        | 2           | 136        | 373    | 267  |                |                      |  |            | 301  | 301  |
| MEDIUM-DE         | MEDIUM-DENSITY FIBERBOARD    | RD    |        |             |            |        |  |                |                      |  |            | 3    | 3    |
| Malvern           | Willamette                   | 1983  |        |             |            |        |  | 87             | 212                  | 216  | 283        | 283  | 283  |
| El Dorado         | Temple-Inl.                  | 1997  |        |             |            |        |  |                |                      |  |            | 133  | 28   |
| TOTAL             | <b>TAL</b>                   |       | i      |             |            |        |  | 87             | 212                  | 216  | 283        | 416  | 416  |
| TOTAL PAR         | TOTAL PARTICLEBOARD AND MDF  | O MDF |        | 64          | 136        | 373    | 267  | 87             | 212                  | 216  | 283        | 717  | 717  |
| LUMBER PR         | LUMBER PRODUCTION            |       |        | 3332        | 3094       | 2971   | 3361   | 3247           | 4371                 | 5178   | 5426       | AN   | ¥    |
| PULPWOOD          | PULPWOOD RECEIPTS            |       |        | 4623        | 5688       | 7165   | 9549   | 9128           | 11017                | 6686   | AN         | AN   | AN   |
| TOTAL DRAIN       | N                            |       |        | 8643        | 9409       | 11315  | 14212  | 13771          | 17021                | 16937  | AN         | AN   | AN   |
| 1995 DRAIN        | 1995 DRAIN / INVENTORY RATIO | 0IT   |        |             |            |        |  |                |                      | 0.028  |            |      |      |
|                   |                              |       |        |             |            |        |  | Υ              | PICAL WOOD           | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m³) |      |      |
| Standing          | R                            |       |        |             |            |        | 32   | 27             | 27                   | 3  | 40         | 5    | MA   |
| Delivered         |                              |       |        |             |            |        | 4  | i 8            | ন                    | 74   | \$ ¥       | 3 K  |      |
| Pine pulpwood     | ğ                            |       |        |             |            |        |  | }              | :                    |  | 3          | 2    | 5    |
| Standing          |                              |       |        |             |            |        | 4  | 9              | 9                    | Ø  | 7          | 2    | NA   |
| Delivered         |                              |       |        |             |            |        | 18   | 21             | 21                   | 27   | 24         | 27   | NA   |
| Hardwood pulpwood | Ipwood                       |       |        |             |            |        |  |                |                      |  |            |      |      |
| Standing          |                              |       |        |             |            |        | -  | 7              | 7                    | Q  | 9          | 7    | AN   |
| Delivered         |                              |       |        |             |            |        | 15   | 14             | 18                   | 24   | 26         | 27   | AN   |
|                   |                              |       |        |             |            |        |  |                |                      | Ì  |            | i    |      |



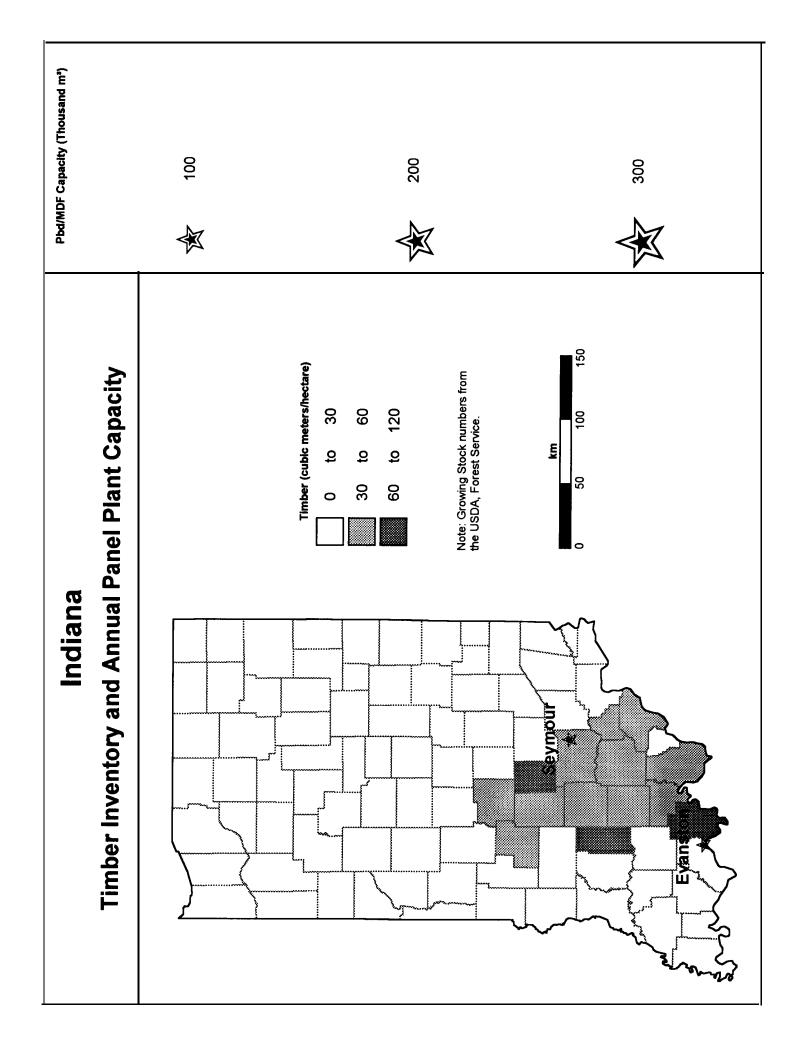
|                               |                      | Year  | Year   |      |      | 0    | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thousa | ind m <sup>3</sup> )                             |             |                         |      |      |
|-------------------------------|----------------------|-------|--------|------|------|------|--|----------------|--|-------------|-------------------------|------|------|
| Location C                    | ompany               | built | closed | 1965 | 1970 | 1975 | 1980   | 1985           | 1990   | 1995        | 1996                    | 1997 | 1998 |
| PINE PLYWOOD                  |                      |       |        |      |      |      |  |                |  |             |                         |      |      |
| Chiefland G                   | G-P                  | 1967  | 1980   |      | 8    | 8    | ଛ  |                |  |             |                         |      |      |
| Pensacola B.                  | B-C                  | 1971  | 1974   |      |      |      |  |                |  |             |                         |      |      |
| Havana C                      | stal                 | 1981  |        |      |      |      |  | 124            | 127  | 155         | 171                     | 17   | 17   |
|                               | G-P                  | 1982  |        |      |      |      |  | 212            | 243  | 274         | 326                     | 326  | 326  |
| TOTAL                         |                      |       |        |      | 88   | 80   | 80   | 336            | 370  | 429         | 503                     | 503  | 503  |
| ORIENTED STRANDBOARD<br>TOTAL | ANDBOARD             |       |        |      |      |      |  |                |  |             |                         |      |      |
|                               |                      |       | L      | c    | Qa   | Co   | 00   | 200            | 020  | 44          | 500                     |      |      |
| PARTICLEBOARD                 |                      |       |        | >    | 3    | 3    | 8  | 200            | 2/2  | 874         | ŝ                       | 200  | 30   |
| Greenville FI                 | -ply                 | 1973  |        |      |      | 18   | 28   | 90             | 8  | 30          | 90<br>OE                | 30   | 30   |
| TOTAL                         |                      |       |        |      |      | 18   | 28   | 8              | 8  | 8           | 8 8                     | 8 8  | 8 8  |
| MEDIUM-DENSITY FIBERBOARD     | <b>LY FIBERBOARD</b> |       |        |      |      |      | ł  | }              | }  | }           | :                       | ;    | 3    |
| TOTAL PARTICLEBOARD AND MDF   | EBOARD AND M         | ЪF    | L      | 0    | 0    | 18   | 28   | 90             | 30   | 30          | 30                      | 30   | æ    |
| LUMBER PRODUCTION             | ICTION               |       | J      | 675  | 812  | 656  | NA   | 1492           | 1397   | 1699        | 1742                    | AN   | NA   |
| PULPWOOD RECEIPTS             | CEIPTS               |       |        | 6351 | 7568 | 6610 | 8462   | 8719           | 11085  | 11683       | NA                      | NA   | AA   |
| TOTAL DRAIN                   |                      |       |        | 7026 | 8460 | 7363 | AN   | 10577          | 12882  | 13842       | A                       | AN   | AN   |
| 1995 DRAIN / INVENTORY RATIO  | /ENTORY RATIO        | _     |        |      |      |      |  |                |  | 0.032       |                         |      |      |
|                               |                      |       |        |      |      |      |  |                |  | 700.0       |                         |      |      |
|                               |                      |       |        |      |      |      |  | Σ              | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. | \$ per m <sup>3</sup> ) |      |      |
| Pine sawtimber                |                      |       |        |      |      |      |  |                |  |             |                         |      |      |
| Standing                      |                      |       |        |      |      |      | 8  | <b>5</b> 8     | 32   | ß           | 51                      | 2    | AN   |
| Delivered                     |                      |       |        |      |      |      | \$   | 4              | 51   | 104         | 82                      | 8    | AN   |
| Ctonding                      |                      |       |        |      |      |      | ¢  | ¢              |  | ļ           | ļ                       | !    |      |
|                               |                      |       |        |      |      |      | ת  | ת              | 14   | 17          | 16                      | 17   | ₹Z   |
| Delivered                     |                      |       |        |      |      |      | 19   | ន              | 24   | 8           | ଚ୍ଚ                     | 31   | Ν    |
| Hardwood puipwood             | 8                    |       |        |      |      |      | Ċ  | •              | ·  | I           |                         |      |      |
| Standing                      |                      |       |        |      |      |      | 7  | -              | 4  | 7           | 9                       | 9    | AN   |
| Delivered                     |                      |       |        |      |      |      | 13   | 4              | 17   | 28          | 24                      | ន    | AN   |



| Incertain     Company     Initi closed     1975     1976     1965     1990       Rine Pirymon     Cinyany     Unit closed     1966     1966     1965     1966     1965     1965     1966     1965     1966     1965     1966     1965     1966     1965     1966     1965     1966     1966     261     1975     1966     261     1975     146     177     230     234 <th>Capacity / Production (Thousand m</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>   | Capacity / Production (Thousand m |      |           |  |                           |            |             |
|---|-----------------------------------|------|-----------|--|---------------------------|------------|-------------|
| WOOD     WOOD     Res     196     1994     89     89     89     71     200     205       G.P.P. Chint     1970     1970     53     177     200     209     209     200  | 1975                              | 1960 | 1965 1990 | 1995   | 1996                      | 1997       | 1998        |
| GF     1966     1966     1966     1964     1964     196     167     177     177     177     177     179     200     206   |                                   |      |           |  |                           |            |             |
| Gr North-G-P     1986     1984     889     889     88     73       G-P     1974     53     177     230     236       G-P     1974     54     146     177     230     236       G-ArKarb-GP     1974     54     146     177     230     236       Springled     1988     L-P     273     549     850     968       LP     1988     LP     273     549     850     968       LP     1988     LP     133     117     139     124     133       LP     1988     133     133     135     136     177     171       LP     199     266     266     266     266     267     253       Temple     195     133     135     136     137     137       Temple     196     253     264     253     274     274       Temple     195     125     135     136     137 <td< td=""><td></td><td>88</td><td></td><td></td><td></td><td></td><td></td></td<>  |                                   | 88   |           |  |                           |            |             |
| Cross     USPP-Chilt     1960     64     49     66     76       relio     C.P.     1970     53     117     230     236       relio     C.P.     1970     53     117     230     236       end     CArKarth-Cip     1976     53     146     177     130     239       end     CArKarth-Cip     1995     279     549     850     906       NTED STRANDBCARD     man     Langlade     1986     279     549     850     906       man     Langlade     1986     133     159     147     171       NOTAL     Landoroand NO DSB     170 TAL     136     133     159     196     196       an     Carbon Norbe     1996     135     135     177     171     191       TOTAL     Norgeneses     1986     1356     1356     136     136     136     136       TotAL     TotAL     TotAL     1360     16667     1357     137<   |                                   | 80   |           |  |                           |            |             |
| Cello     CP     1970     53     177     230     236       TOTAL     Shingfield     1967     1973     146     177     129       TOTAL     Shingfield     1967     1397     146     177     129       TOTAL     Shingfield     1965     279     549     550     906       and Lap     1985     279     549     550     906       and Lap     1985     279     549     550     906       and Lap     1985     133     135     147     177     131       and Lap     1985     278     279     549     550     906       and Luber     1985     135     135     137     177     177     131       and Locate     1985     1355     1355     135     136     136     136     136       and Locate     100     155     425     487     527     14       TOTAL     100     155     2364     237  |                                   | 80   |           |  | 133                       | 133        | 133         |
| mSnr.     G.P.     1974     146     177     199     239       endid     Springleid     1955     146     177     199     239       TOTAL     1355     279     549     850     966       am Langlade     1988     279     549     850     966       am Langlade     193     117     117     117     117     117       am Cape     1988     133     133     133     1347     522       am Cape     1986     133     135     135     136     137     137       am Cape     1986     133     135     137     137     137     137     137       am Cape     1986     1356     1356     1366     2364     2364     2364<  | -                                 | 230  |           |  | 239                       | 239        | 239         |
| con     GA-Kraft-GP     1979     199     239       eraid     Springheid     1995     2779     549     850     908       eraid     Springheid     1995     2779     549     850     908       eraid     Langlade     1989     2779     549     850     908       mere     Langlade     1980     2779     549     850     908       mere     Langlade     1980     2779     549     850     908       mere     Langlade     1980     133     153     159     156     153       etail     Langlade     1974     196     177  | 146                               | 17   |           |  | 301                       | 301        | <u>3</u> 01 |
| eraid     Springfield     1955     279     549     850     906       TOTAL     TotAL     1988     1978     1988     1988     1978     1988     1978     1988     1978     1988     1978     1988     1077     1178     1176     1176     1176     1176     1176     1176     1176  |                                   | 199  |           |  | 319                       | 319        | 319         |
| TOTAL<br>INTED STRANDBOARD<br>an Langlade 1988<br>'s L-P 1980<br>efficience Huber 1988<br>merce Huber 1988<br>an C-P 1980<br>efficience Huber 1988<br>an C-P 1980<br>TOTAL<br>A PLYWOOD AND OSB<br>TOTAL<br>A PRINCICEBOARD<br>and Temple 1974<br>TOTAL<br>A PATICLEBOARD<br>and Temple 1974<br>TOTAL<br>A PATICLEBOARD AND MDF<br>EBR PRODUCTION<br>TOTAL<br>A PATICLEBOARD AND MDF<br>TOTAL<br>A DRAIN<br>A DRAI  |                                   |      |           | <del>8</del>                                     | 8                         | 90         | 99          |
| :NTED STRANDBOARD     am   Langlade   1988     am   Langlade   1988     mere   1980     ete   1, P     Vereinaeus   1988     TICLEBOARD   Vereinaeus     Wereinaeus   1988     TICLEBOARD   1974     Wereinaeus   1988     TICLEBOARD   1974     VORD   Temple     1971   1974     TOTAL   1975     ML PARTICLEBOARD AND MDF   1975     COTAL   1986     ML DRAIN   1974     AL PARTICLEBO  |                                   | 850  | •         | •  | 1058                      | 1058       | 1058        |
| Image     Langlade     1988       iss     L-P     1989       increase     Luber     1989       increase     Lapervocol     133     159     186       increase     1974     133     159     186     139       increase     Lapervocol     133     159     186     136       increase     Lapervocol     133     159     186     136       increase     Lond     155     425     487     522       increase     Lond     195     277     21740       acconscine     Langlade     1955     19472     21740       acconscine     Langlade     1955     2357     2454     277       acconscine     Langlade     1955     15505     274     277       accon     Lanon     1955  |                                   |      |           |  |                           |            |             |
| **     L-P     1980<br>merce     1980<br>Huber     1980<br>107AL       AL PLYWOOD AND OSB<br>TOTAL     TOTAL     0     279     549     850     906       TOTAL     Neyerhaeus     1968     62     89     124     133       a     G-P     1974     195     425     487     522       into     Temple     1974     195     425     487     522       into     Temple     1974     195     425     487     522       into     Temple     1974     195     425     487     522       into     195     425     1960     2346     437     522       into     195     2614     1955     19472     21740       into     195     2661     19235     19472     21740       into     195     1555     19006     2345     21740       into     195     1925     19006     2345     21740       into     19661     1923  |                                   |      | 16        |  | 168                       | 168        | 168         |
| merce     Huber     1980       ele     I-P     1900       TIOTAL     0     279     549     850     908       AL PLYMOOD AND OSB     0     279     549     850     908       TICLEBOARD     Weyenhaeus     1988     133     159     124     133       TOTAL     Tornal     196     196     196     177     117     191       TOTAL     Tornal     1966     133     155     425     487     522       ison     Tornal     196     425     487     522     1487       TOTAL     100     195     425     487     522     1487     522       TOTAL     100     195     2674     425     453     574     27740       AL PARTICLEBOARD AND MDF     2861     1926     487     523     14472     27740       AL DRININ     TOTAL     198     19235     19006     23454     27740     57     485       ODIALICLEBOARD   |                                   |      | 38        |  | 288                       | 288        | 288         |
| ele     LP     1990       TOTAL     Old     279     549     850     908       TOTAL     Weyerhaeus     1958     62     89     124     133       TOTAL     Weyerhaeus     1958     62     89     124     133       TOTAL     TOTAL     1974     1974     1974     197     191       TOTAL     Weyerhaeus     1974     1974     197     191     197     191       TOTAL     Tomal     Emple     1974     195     425     487     522       MucDENSITY FIBERBOARD     Tomal     195     425     487     522       MucDENSITY FIBERBOARD     1935     19506     2345     572     21740       AL PARTICLEBOARD AND MDF     2851     2674     287     487     522       MucDI RECEIPTS     16461     19236     19006     2345     21740       AL DRAIN     INVENTORY RATIO     288     16461     19237     1947     21740       DRAIN     I   |                                   |      | 25        |  | 253                       | 253        | 253         |
| TOTAL     TOTAL       TOTAL     TOTAL       TICLEBOARD     549     550     908       TICLEBOARD     Weyemaeus     1968     133     159     186     198       TICLEBOARD     Weyemaeus     1968     133     159     186     198       TICLEBOARD     Weyemaeus     1969     133     159     186     198       TOTAL     1071AL     197     197     197     191     177     191       TOTAL     TOTAL     195     425     487     522     196       Seconchee     Langlade     198     13510     1955     453     21740       AL PARTICLEBOARD AND MDF     28610     1955     425     487     522       BER PRODUCTION     13510     1955     19472     21740       AL DRAIN     16461     19235     19472     21740       AL DRAIN     INVENTORY RATIO     16461     19235     19472     21740       OR INFORMACD     INVENTORY RATIO     16461  |                                   |      | 24:       | 3 270  | 270                       | 270        | 270         |
| AL PLYWOOD AND OSB 0 279 549 850 908   TICLEBOARD CP 1968 133 159 186 193   TICLEBOARD Weynhaeus 1968 133 159 186 193   TOTAL 1974 197 177 117 191   TOTAL TOTAL 195 425 487 522   Mubbensity Fiberboard 1998 177 177 191   TOTAL 196 195 425 487 522   Mubbensity Fiberboard 1998 177 177 191   AL DRAIN TOTAL 195 425 487 522   BER PRODUCTION 2851 2674 2853 2946 453   AL DRAIN TOTAL 1925 19472 21740   AL DRAIN 16461 19235 19472 21740   AL DRAIN INVENTORY RATIO 164661 19235 <td></td> <td></td> <td>2</td> <td>•</td> <td>979</td> <td>679</td> <td>679</td>  |                                   |      | 2         | •  | 979                       | 679        | 679         |
| TICLEBOARD<br>Weyerhaus 1968 62 89 124 133<br>an Torrat 177 177 177 177 191<br>TOTAL 1965 133 159 186 198<br>TOTAL 1965 425 487 522<br>UM-DENSITY FIBERBOARD<br>accorbee Langlade 1998<br>TOTAL 1966 23454 27709<br>AL DRAIN / INVENTORY RATIO<br>CDRAIN / INVENTORY RATIO<br>CDRAI  |                                   | 850  |           | 3 2041   | 2037                      | 2037       | 2037        |
| Weyerhaus     1988     62     89     124     133     159     186     191       non     Temple     1974     195     133     159     186     191       non     Temple     1974     195     425     487     522       acochee     Langlade     1986     195     425     487     522       acochee     Langlade     1986     195     425     487     522       acochee     Langlade     1986     1956     425     487     522       AL DRAIN     TOTAL     2860     2846     453     9472     21740       AL DRAIN     16461     19235     19006     23454     21740     37     45       PUORINDICTION     2840     16461     19235     19006     23454     21740       AL DRAIN     10000     15235     19006     23454     21740       ORAIN/INVENTORY RATIO     16461     19235     19006     23454     21740       All DRAIN  |                                   |      |           |  |                           |            |             |
| G-P 138 159 186 198   Temple 1974 177 177 191   Langlade 1988 177 177 191   Langlade 1988 155 425 487 522   Langlade 1988 1561 155 425 487 522   Langlade 1988 1561 1557 2646 4538   Langlade 1988 15610 16087 15373 19472 21740   L Lebortrow 15610 19235 19006 23454 27709   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 13235 19206 23454 27709   NVENTORY RATIO 13235 19206 23454 27709   NVENTORY RATIO 13235 19205 27709   NO 19235 19235 13235 13472 27740   No 13235 19206 23454 27740   No 13235 19235 13235 13472   No 13235 19205 27740 277   |                                   | 124  |           | 186  | 248                       | 248        | 248         |
| Temple 1974 177 177 177 177 191   Langlade 1998 425 487 522   Langlade 1996 425 487 522   Langlade 1996 1956 425 487 522   Langlade 1996 1955 1956 425 487 522   LeBOARD AND MDF 2851 2674 2660 2646 4538   DUCTION 13610 16087 15373 19472 21740   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 16461 19235 19006 23454 27709   Nood 16461 19235 19006 23454 27709   Nood 16461 19235 19006 23454 27709   Nood 16461 19235 19006 23454 27709  |                                   | 186  |           |  | 219                       | 219        | 219         |
| Langlade 195 425 487 522   Langlade 1988 195 425 487 522   Langlade 1988 195 425 487 522   CLEBOARD AND MDF 2851 2674 2680 2846 4538   CLEBOARD AND MDF 2851 2674 2680 2846 4538   CLEBOARD AND MDF 2851 19235 19472 21740   NVENTORY RATIO 16461 19235 19006 23454 27709   Nood 16461 19235 19006 23454 27709   Nood 168 27 37 45   |                                   | 177  |           |  | 193                       | 193        | 193         |
| Langlade 1998<br>Langlade 1998<br>CLEBOARD AND MDF 2851 2674 2660 2646 4538<br>DUCTION 2851 2674 2660 2646 4538<br>TOPO 16087 15373 19472 21740<br>16461 19235 19006 23454 27709<br>NVENTORY RATIO<br>NVENTORY RATIO<br>27 32<br>8000 23454 227709<br>18 22<br>8000 23454 227709<br>18 22<br>14 13 14   |                                   | 487  |           |  | <b>660</b>                | <u>660</u> | <b>0</b> 90 |
| Langlade 1988<br>Langlade 1988<br>CLEBOARD AND MDF 0 195 425 487 522<br>DUCTION 2851 2674 2660 2646 4538<br>CCEIPTS 13610 16087 15373 19472 21740<br>T6461 19235 19006 23454 27709<br>NVENTORY RATIO<br>NVENTORY RATIO<br>NVENTORY RATIO<br>16461 19235 19006 23454 27709<br>18 22<br>0 9<br>18 22<br>10 14   |                                   |      |           |  |                           |            |             |
| L<br>CLEBOARD AND MDF<br>CLEBOARD AND MDF<br>CLEBOARD AND MDF<br>DUCTION<br>2851 2674 2660 2646 453<br>13610 16087 15373 19472 21740<br>16461 19235 19006 23454 27709<br>NVENTORY RATIO<br>NVENTORY RATIO<br>27 32<br>37 45<br>37 45 |                                   |      |           |  |                           |            | 212         |
| CLEBOARD AND MDF 0 195 425 487 522<br>DUCTION 2851 2674 2660 2646 4538<br>DUCTION 18610 15087 15373 19472 21740<br>T6461 19235 19006 23454 27709<br>NVENTORY RATIO<br>NVENTORY RATIO<br>27 32<br>27 45<br>27 46<br>28 45<br>28 45  |                                   |      |           |  |                           |            | 212         |
| DUCTION 2851 2674 2660 2646 4538<br>ECEIPTS 15373 19472 21740<br>15610 16087 15373 19472 21740<br>16461 19235 19006 23454 27709<br>NVENTORY RATIO<br>27 32<br>37 45<br>9 9<br>16 22<br>10 14  |                                   | 487  |           | 598  | 660                       | 099        | 872         |
| RECEIPTS 13610 16087 15373 19472 21740   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 16461 19235 19006 23454 27709   NVENTORY RATIO 19235 19205 23454 22705   NVENTORY RATIO 19235 19205 144   |                                   |      |           | 6931   | 2089                      | AN         | A           |
| NVENTORY RATIO<br>NUENTORY RATIO<br>NUENTORY RATIO<br>27 32<br>37 45<br>9 9<br>18 22<br>14<br>13 14   |                                   |      |           |  | AN                        | AN         | AN          |
| NVENTORY RATIO<br>27 23<br>37 45<br>19 9<br>10<br>11<br>12<br>14<br>14  |                                   |      |           | 34203  | A                         | AN         | AN          |
| 27<br>27<br>37<br>37<br>37<br>39<br>9<br>9<br>9<br>18<br>13<br>13<br>14<br>14   |                                   |      |           | 0.039  |                           |            |             |
| 27 27 32<br>37 45<br>9 9 9<br>18 22<br>13 14  |                                   |      | TYPICAL W | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | . \$ per m <sup>3</sup> ) |            |             |
| 27 22<br>37 45<br>18 9 9<br>18 22<br>13 1-1<br>13 1-1   |                                   |      |           |  |                           |            |             |
| 37 45<br>9 9<br>18 22<br>13 1-1<br>13 14  |                                   | 27   |           | 02<br>5  | ន                         | 22         | AN          |
| 9 9 18 22 18 23 14 14 14 14 14 14 14 14 14 14 14 14 14  |                                   | 37   |           |  | 28                        | 96<br>86   | AN          |
| 9<br>18<br>13 - 22<br>13 - 14   |                                   |      |           |  |                           |            |             |
| 18<br>22<br>13 14   |                                   | თ    |           | 2 15   | 14                        | 16         | NA          |
| 2 1<br>13 14  |                                   | 18   |           |  | 8                         | ଚ          | AN          |
| 13 14   |                                   | Ċ    |           |  | I                         |            | :           |
| 13 14   |                                   | 2    |           | 5 j  | 1                         | ω          | AN          |
|   |                                   | 13   |           |  | 24                        | 24         | AN          |

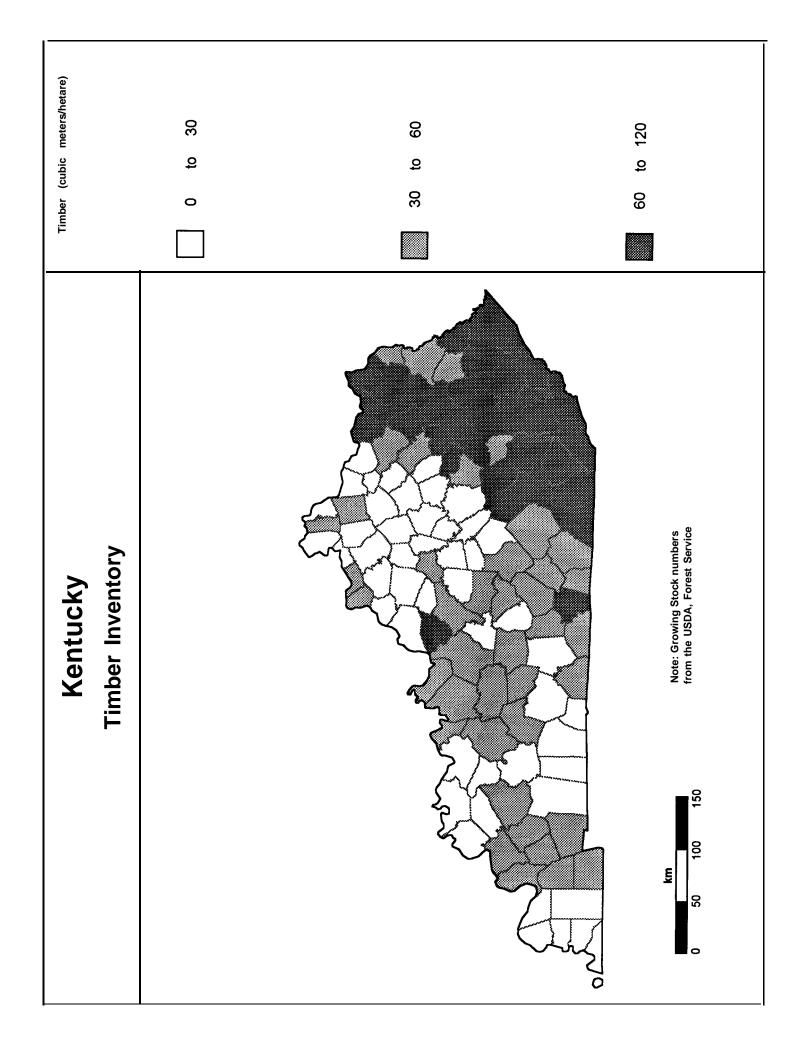


| klaho                |                                    |          |        |      |      |      |  |                |  |             |                        |            |            |
|----------------------|------------------------------------|----------|--------|------|------|------|--|----------------|--|-------------|------------------------|------------|------------|
|                      |                                    | Year     | Year   |      |      |      | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thousa | nd m²)   |             |                        |            |            |
| Location             | Company                            | built    | closed | 1965 | 1970 | 1975 | 1980   | 1985           | 1990   | 1995        | 1996                   | 1997       | 1998       |
| PINE PLYWOOD         | aoc                                |          |        |      |      |      |  |                |  |             |                        |            |            |
| Emmett               | Boise Cascade                      | 1971     |        |      |      | 88   | 106  | 133            | 150  | 171         | 159                    | 159        | 159        |
| Pierce               | Potlach Corp.                      | 1966     |        |      | 133  | 133  | 130  | 130            | 133  | 133         | 137                    | 137        | 137        |
| St. Maries           | Potlach Corp.                      | 1964     |        | ន    | 111  | 111  | 156  | 156            | 127  | 140         | 140                    | 140        | 140        |
| Lewiston             | Potlatch Corp.                     | 1952     | 1988   | 88   | 133  | 133  | 133  | 133            |  |             |                        |            |            |
| Post Falls           | Idaho Veneer C                     | 1964     | 1985   | 4    | 4    | 4    | 13   |                |  |             |                        |            |            |
| TOTAL                | AL                                 |          |        | 146  | 381  | 469  | 538  | 551            | 410  | 450         | 436                    | 436        | 436        |
| <b>ORIENTED S</b>    | <b>ORIENTED STRANDBOARD</b>        |          |        |      |      |      |  |                |  |             |                        |            |            |
| Chilco               | <u>-</u> -Р                        | 1984     | 1997   |      |      |      |  | 68             | 119  | 133         | 133                    |            |            |
| TOTAL                | AL                                 |          |        |      |      |      |  | <b>6</b> 8     | 119  | 133         | 133                    |            |            |
| TOTAL PLYV           | TOTAL PLYWOOD AND OSB              |          |        | 146  | 381  | 469  | 538  | 640            | 529  | 582         | 569                    | 436        | 436        |
| PARTICLEBOARD        | DARD<br>Potlatch                   | 1075     |        |      |      | Co   | ç  | 661            | 667  | Ę           | ş                      |            |            |
|                      |                                    | 0/01     |        |      |      | 8    | 87   | 3              | 32   | RZ          | ₹ <u>7</u>             | 51         | 621        |
|                      |                                    | ļ        |        |      |      | 89   | 120  | 133            | 133  | 129         | 129                    | 129        | 5 <u>7</u> |
| MEDIUM-DENS<br>TOTAL | MEDIUM-DENSITY FIBERBOARD<br>TOTAL | ð        |        |      |      |      |  |                |  |             |                        |            |            |
| TOTAL PART           | TOTAL PARTICLEBOARD AND MDF        | MDF      |        | 0    | o    | 68   | 120  | 133            | 133  | 129         | 129                    | 129        | 129        |
| LUMBER PRODUCTION    | ODUCTION                           |          |        | 3948 | 3840 | 3849 | 3282   | 3965           | 4800   | 3922        | 4331                   | NA         | MN         |
| PULPWOOD RECEIPTS    | RECEIPTS                           |          |        | NA   | NA   | AN   | AN   | AN             | AA   | ¥           | A                      | AN         | AN<br>AN   |
| TOTAL DRAIN          | z                                  |          |        | NA   | AN   | AN   | NA   | NA             | NA   | AN          | AN                     | AN         | A          |
|                      |                                    | 9        |        |      |      |      |  |                |  |             |                        |            |            |
| 1995 DRAIN           | 1995 DRAIN / INVENTORY RATIO       | <u>o</u> |        |      |      |      |  |                |  | AN          |                        |            |            |
|                      |                                    |          |        |      |      |      |  | Σ              | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. | § per m <sup>3</sup> ) |            |            |
| Pine sawtimber       | er                                 |          |        |      |      |      |  |                |  |             |                        |            |            |
| Standing             |                                    |          |        |      |      |      | 8  | თ              | 13   | 35          | 51                     | 51         | AA         |
| Delivered            |                                    |          |        |      |      |      | 52   | ଞ              | æ  | 8           | 7                      | 7          | M          |
| Pine pulpwood        | σ                                  |          |        |      |      |      |  |                |  |             |                        |            |            |
| Standing             |                                    |          |        |      |      |      | -  | -              | ~  | S           | 12                     | 13         | A          |
| Delivered            | -                                  |          |        |      |      |      | 16   | ឧ              | 8  | 28          | 35                     | <b>3</b> 6 | NA         |
| Hardwood pulpwood    | boowd                              |          |        |      |      |      |  |                |  |             |                        |            |            |
| Standing             |                                    |          |        |      |      |      | AN   | NA             | AA   | AN          | AN                     | AN         | NA         |
| Delivered            |                                    |          |        |      |      |      | NA   | NA             | AN   | AN          | ٩V                     | AA         | NA         |
|                      |                                    |          |        |      |      |      |  |                |  |             |                        |            |            |



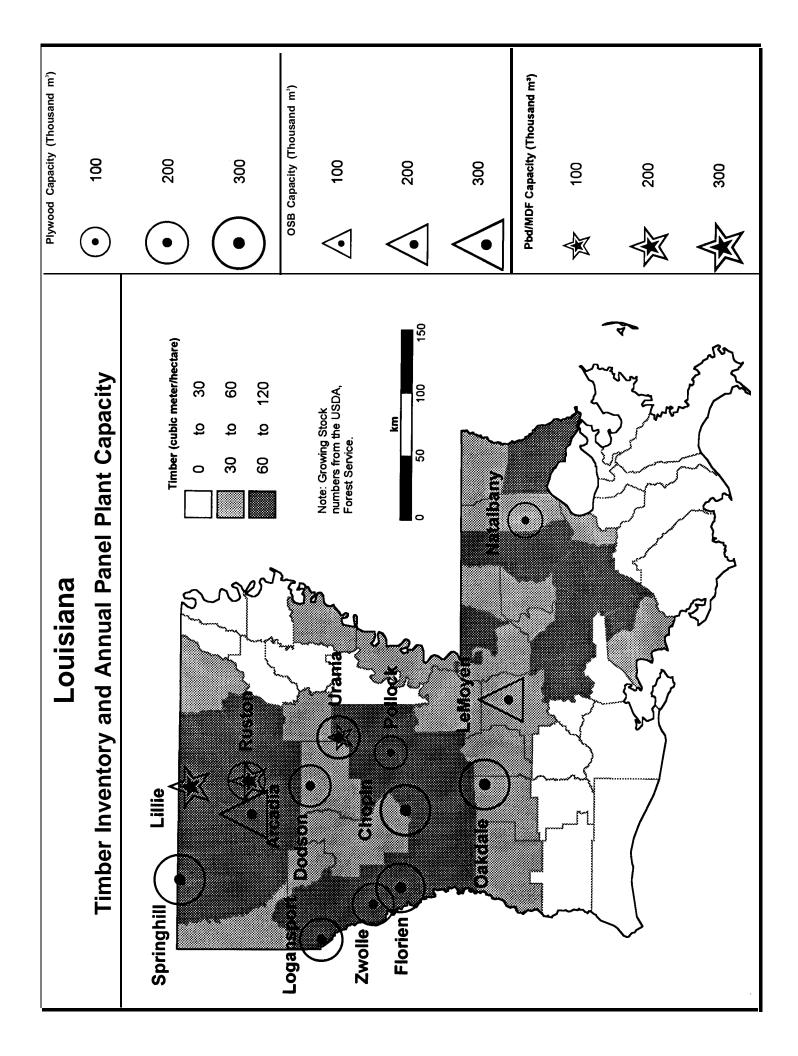
|                              | Year     | Year   |      |      | Ö            | apacity / Produ | Capacity / Production (Thousand m <sup>3</sup> ) | d m²)  |               | 1                       |            |      |
|------------------------------|----------|--------|------|------|--------------|-----------------|--|--|---------------|-------------------------|------------|------|
| Location Company             | built    | closed | 1965 | 1970 | 1975         | 1980            | 1985   | 1990   | 1995          | 1996                    | 1997       | 1998 |
| PINE PLYWOOD                 |          |        |      |      |              |                 |  |  |               |                         |            |      |
| TOTAL                        |          |        |      |      |              |                 |  |  |               |                         |            |      |
| <b>ORIENTED STRANDBOARD</b>  |          |        |      |      |              |                 |  |  |               |                         |            |      |
| TOTAL                        |          |        |      |      |              |                 |  |  |               |                         |            |      |
| TOTAL PLYWOOD AND OSB        |          |        | 0    | 0    | 0            | 0               | 0  | 0  | 0             | 0                       | 0          | C    |
| PARTICLEBOARD                |          |        |      |      |              |                 |  |  |               |                         |            |      |
|                              | 1947     |        |      | 21   | 27           | 27              | 27   | æ  | 28            | 28                      | 28         | 28   |
| Evanston Swain               | 1973     |        |      |      | 21           | ß               | 27   | 32   | 28            | 28                      | 28         | 28   |
| TOTAL                        |          |        |      | 21   | <del>8</del> | 20              | ន  | 62   | 57            | 57                      | 57         | 21   |
| MEDIUM-DENSITY FIBERBOARD    | Đ        |        |      |      |              |                 |  |  |               |                         |            |      |
| TOTAL PARTICLEBOARD AND MDF  | MDF      |        | 0    | 21   | 48           | 20              | 83   | 62   | 57            | 57                      | 57         | 57   |
| LUMBER PRODUCTION            |          | J      | NA   | NA   | NA           | AN              | AN   | AA   | 885           | 840                     | AN         | NA   |
| PULPWOOD RECEIPTS            |          |        | NA   | AN   | AN           | NA              | AN   | NA   | AN            | AN                      | AZ         | ¥    |
| TOTAL DRAIN                  |          |        | AN   | AN   | A            | AN              | A  | A  | AN            | AN                      | AN         | NA   |
| 1995 DRAIN / INVENTORY RATIO | <u>o</u> |        |      |      |              |                 |  |  | NA            |                         |            |      |
|                              |          |        |      |      |              |                 |  |  |               |                         |            |      |
|                              |          |        |      |      |              |                 | TYF  | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. 3 | \$ per m <sup>3</sup> ) |            |      |
| Pine sawtimber               |          |        |      |      |              |                 |  |  |               |                         |            |      |
| Standing                     |          |        |      |      |              | AN              | AN   | AN   | AN            | AN                      | AN         | AN   |
| Delivered                    |          |        |      |      |              | AN              | AN   | NA   | AN            | AN                      | <b>A</b> N | AN   |
| Pine pulpwood                |          |        |      |      |              |                 |  |  |               |                         |            |      |
| Standing                     |          |        |      |      |              | AN              | AN   | NA   | AN            | AN                      | ٩X         | ٩X   |
| Delivered                    |          |        |      |      |              | AN              | AN   | AA   | NA            | AN                      | AN         | AN   |
| Hardwood pulpwood            |          |        |      |      |              |                 |  |  |               |                         |            |      |
| Standing                     |          |        |      |      |              | AN              | AN   | AN   | NA            | NA                      | AN         | MA   |
| Delivered                    |          |        |      |      |              | AN              | ٩N   | AN   | AA            | AA                      | AN         | AN   |
|                              |          |        |      |      |              |                 |  |  |               |                         |            |      |

Indiana

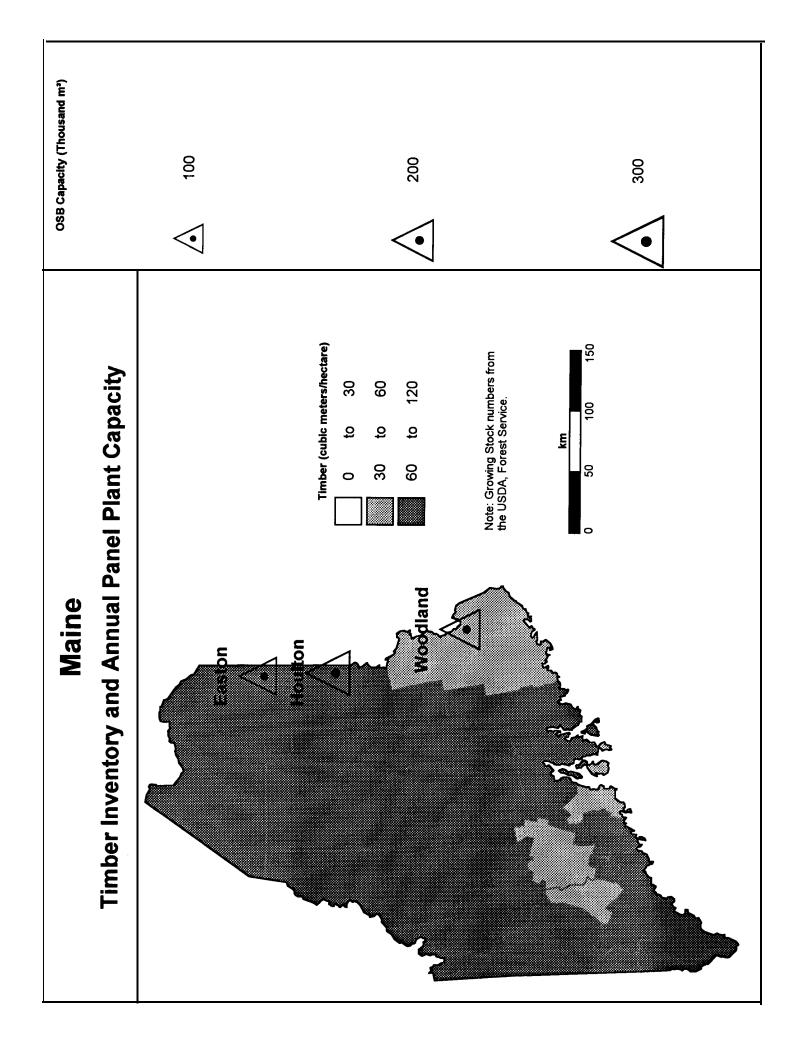


| <b>Centucky</b> |  |
|-----------------|--|

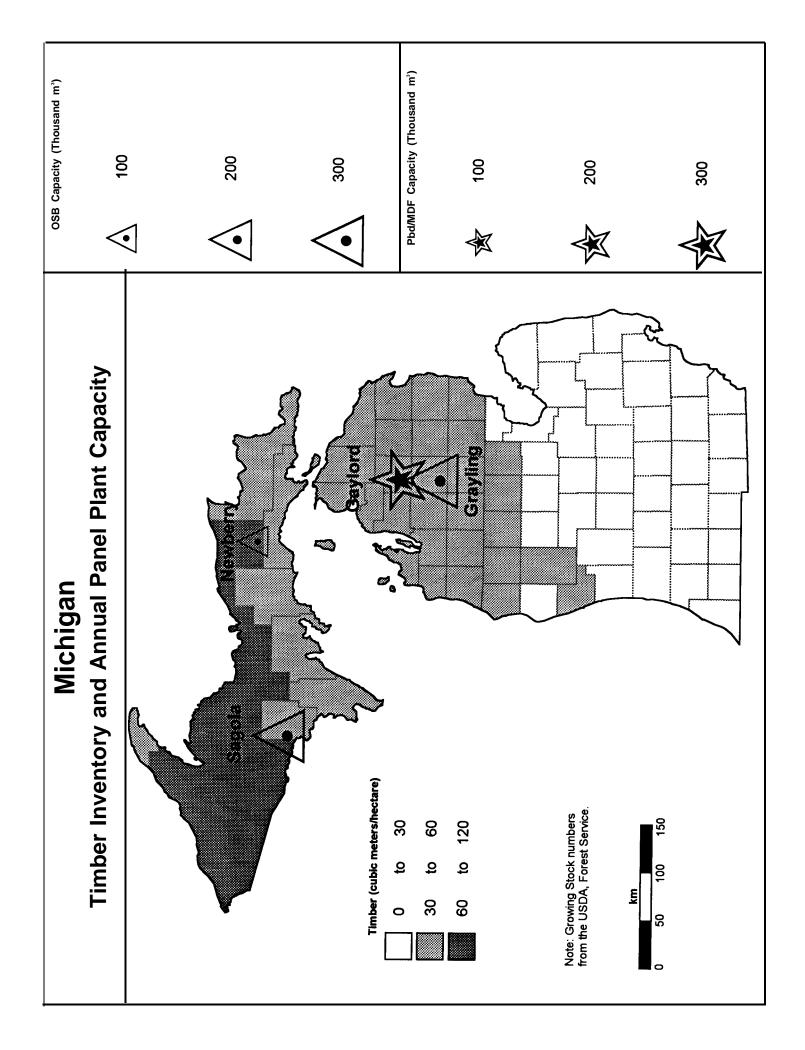
| Velitucky                    |      |      |      |               |  |  |             |                            |      |      |
|------------------------------|------|------|------|---------------|--|--|-------------|----------------------------|------|------|
|                              |      |      |      | Capacity / Pr | Capacity / Production (Thousand m <sup>3</sup> ) | isand m <sup>3</sup> )                           |             |                            |      |      |
|                              | 1965 | 1970 | 1975 | 1980          | 1985   | 1990   | 1995        | 1996                       | 1997 | 1998 |
| PINE PLYWOOD<br>TOTAL        |      |      |      |               |  |  |             |                            |      |      |
| ORIENTED STRANDBOARD         |      |      |      |               |  |  |             |                            |      |      |
| TOTAL                        |      |      |      |               |  |  |             |                            | -    |      |
| TOTAL PLYWOOD AND OSB        | 0    | 0    | 0    | 0             | 0  | 0  | 0           | 0                          | 0    | 0    |
| PARTICLEBOARD                |      |      |      |               |  |  |             |                            |      |      |
| TOTAL                        |      |      |      |               |  |  |             |                            |      |      |
| MEDIUM-DENSITY FIBERBOARD    |      |      |      |               |  |  |             |                            |      |      |
| TOTAL                        |      |      |      |               |  |  |             |                            |      |      |
| TOTAL PARTICLEBOARD AND MDF  | 0    | 0    | 0    | 0             | 0  | 0  | 0           | 0                          | 0    | 0    |
| LUMBER PRODUCTION            | 1234 | 1163 | 970  | 951           | 592  | 1274   | 1827        | 1756                       | M    | AN   |
| PULPWOOD RECEIPTS            | AN   | NA   | A    | AN            | AN   | 4132   | 3198        | AN                         | AN   | NA   |
| TOTAL DRAIN                  | AN   | NA   | NA   | AN            | AN   | 5406   | 5025        | AN                         | AN   | M    |
|                              |      |      |      |               |  |  |             |                            |      |      |
| 1995 DRAIN / INVENTORY RATIO |      |      |      |               |  | ]  | 0.011       |                            |      |      |
|                              |      |      |      |               |  | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | D COSTS (U. | S. \$ per m <sup>3</sup> ) |      |      |
| Pine sawtimber               |      |      |      |               |  |  |             |                            |      |      |
| Standing                     |      |      |      | A             | AN   | AN   | NA          | AN                         | ٩    | AN   |
| Delivered                    |      |      |      | AN            | NA   | AN   | NA          | NA                         | AN   | NA   |
| Pine pulpwood                |      |      |      |               |  |  |             |                            |      |      |
| Standing                     |      |      |      | A             | A  | AN   | NA          | AN                         | AN   | AN   |
| Delivered                    |      |      |      | AN            | AA   | AN   | NA          | NA                         | AN   | NA   |
| Hardwood pulpwood            |      |      |      |               |  |  |             |                            |      |      |
| Standing                     |      |      |      | AN            | ¥  | AN   | AN          | NA                         | AN   | AN   |
| Delivered                    |      |      |      | AN            | AN   | NA   | AN          | AN                         | AN   | AN   |
|                              |      |      |      |               |  |  |             |                            |      |      |



|                              | Year                     | Year       |      |              |               | capacity / Prod | Capacity / Production (Thousand m <sup>3</sup> ) | (cm pu     |  |            |             |              |
|------------------------------|--------------------------|------------|------|--------------|---------------|-----------------|--|------------|--|------------|-------------|--------------|
| Location Company             | any built                | closed     | 1965 | 1970         | 1975          | 1980            | 1985   | 1990       | 1995   | 1996       | 1997        | 1998         |
| PINE PLYWOOD                 |                          |            |      |              |               |                 |  |            |  |            |             |              |
| ð                            | r-                       |            | ß    | 111          | 146           | 146             | 155  | 230        | 278  | 283        | 285         | 285          |
| Florien Vanply>BC            | •                        |            | 4    | 111          | 146           | 146             | 155  | 261        | 274  | 274        | 274         | 274          |
| Ruston Santm>Wil             | •                        |            | 31   | 7            | 75            | 75              | 102  | 133        | 155  | 155        | 155         | 155          |
| Dodson Hunt>                 | Hunt>Willam 1966         |            |      | 115          | 115           | 115             | 133  | 173        | 197  | 197        | 197         | 197          |
| Joyce CZ>R                   | pwu                      | 1998       |      | 75           | 75            | 166             | 173  | 173        | 186  | 186        | 186         |              |
| Urania G-P>LP                | •                        |            |      | 62           | 171           | 195<br>261      | 195  | 239        | 212  | 212        | 212         | 212          |
| Taylor Willamett             | nett 1978                | 1998       |      |              |               | 115             | 133  | 171        | 186  | 186        | 186         |              |
| Zwolle Willamett             |                          |            |      |              |               | 8               | 8  | 164        | 200  | 200        | 200         | 200          |
| Logansport G-P/LP            | -                        |            |      |              |               | 142             | 168  | 212        | 212  | 212        | 212         | 212          |
| Pollock Hunt Plywd           |                          |            |      |              |               |                 | 111  | 102        | 124  | 124        | 124         | 124          |
|                              |                          |            |      |              |               |                 | <u></u> В  | 239        | 283  | 283        | 283         | 283          |
| Natalbany Hunt Plywd         |                          |            |      |              |               |                 |  | 133        | 137  | 137        | 137         | 137          |
| Chopin Martco                | 0 1995                   |            |      |              |               |                 |  |            | -  | 133        | 292         | 292          |
| TOTAL                        |                          |            | 128  | 545          | 735           | 1193            | 1639   | 2236       | 2445   | 2582       | 2743        | 2371         |
| ED STF                       |                          |            |      |              |               |                 |  |            |  |            |             |              |
| ç,                           |                          | 1001       |      |              |               |                 | 142  | 168        | 230  | 230        | 230         | 230          |
|                              |                          | 1997       |      |              |               |                 | 115  | 97         | 119  | 119        |             |              |
| Arcadia Willamette           | nette 1996               |            |      |              |               |                 | Į  |            |  | 11         | 266         | 266          |
|                              |                          | l          |      |              |               |                 | 19   | 700        | 946  | 526        | 496         | 4 <u>9</u> 6 |
| TOTAL PLYWOOD AND OSB        | ND OSB                   |            | 128  | 5 <u>4</u> 5 | 735           | 1193            | 1896   | 2501       | 2794   | 3108       | 3239        | 2867         |
| PAR IICLEBOARD               | KU<br>Olinkr>Willam 1971 |            |      |              | 171           | 17              | 158  | 171        | 212  | 3          | 08C         |              |
| a                            |                          | 1083       |      |              | 168           | 150             | 3  |            | 1  | 177        | 3           | 83           |
|                              |                          | <u>606</u> |      |              | <u>8</u><br>9 | 117             | 149  | 181        | 171  | 171        | 177         | 171          |
| TOTAL                        |                          |            |      |              | 451           | 453             | 306  | 358        | 380  | 398        | 407         | 407          |
| MEDIUM-DENSITY FIBERBOARD    | BERBOARD                 |            |      |              |               |                 |  |            |  |            |             | i            |
| Urania L-P                   | 1993                     |            |      |              |               |                 |  |            | 89   | 68         | 8 <u>8</u>  | 68           |
| TOTAL                        |                          |            |      |              |               |                 |  |            | <b>6</b> 8                                       | 89         | <b>6</b> 8  | <b>6</b> 8   |
| TOTAL PARTICLEBOARD AND MDF  | ARD AND MDF              |            | 0    | 0            | 451           | 453             | 306  | 358        | 478  | 487        | 496         | 496<br>496   |
| LUMBER PRODUCTION            | NO                       |            | 2275 | 1930         | 1600          | 1291            | 1232   | 2162       | 3040   | 2962       | AN          | NA           |
| PULPWOOD RECEIPTS            | TS                       |            | 5422 | 8653         | 7882          | 10238           | 11055  | 14173      | 16166  | AN         | ٩N          | AN           |
| TOTAL DRAIN                  |                          |            | 7825 | 11127        | 10668         | 13175           | 14488  | 19193      | 22478  | AN         | A           | A            |
| 1995 DRAIN / INVENTORY RATIO | ORY RATIO                |            |      |              |               |                 |  |            | 0.043  |            |             |              |
|                              |                          |            |      |              |               |                 | μ  | PICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m³) |             |              |
| Pine sawtimber               |                          |            |      |              |               |                 |  |            |  |            |             |              |
| Standing                     |                          |            |      |              |               | 83              | 88   | 31         | 28   | 2          | 28          | AN S         |
| Delivered                    |                          |            |      |              |               | ŧ               | 8  | ₹          | ٥  | 10         | ß           | NA           |
| standing                     |                          |            |      |              |               | Р               | ý  | 7          | 11   | đ          | 5<br>7<br>7 | VIN          |
| Delivered                    |                          |            |      |              |               | 18              | 9.<br>2  | 7 -        | : ጽ  | 27         | <u>5</u> 8  | ¥ ¥          |
| Hardwood pulpwood            |                          |            |      |              |               |                 |  |            |  |            | }           |              |
| Standing                     |                          |            |      |              |               | 4               | 0  | 6          | 9 9  | ې<br>۱     | 10          | AN           |
| Leivered                     |                          |            |      |              |               | 5               | פ  | 2          | 5  | 2          | 24          | AN           |

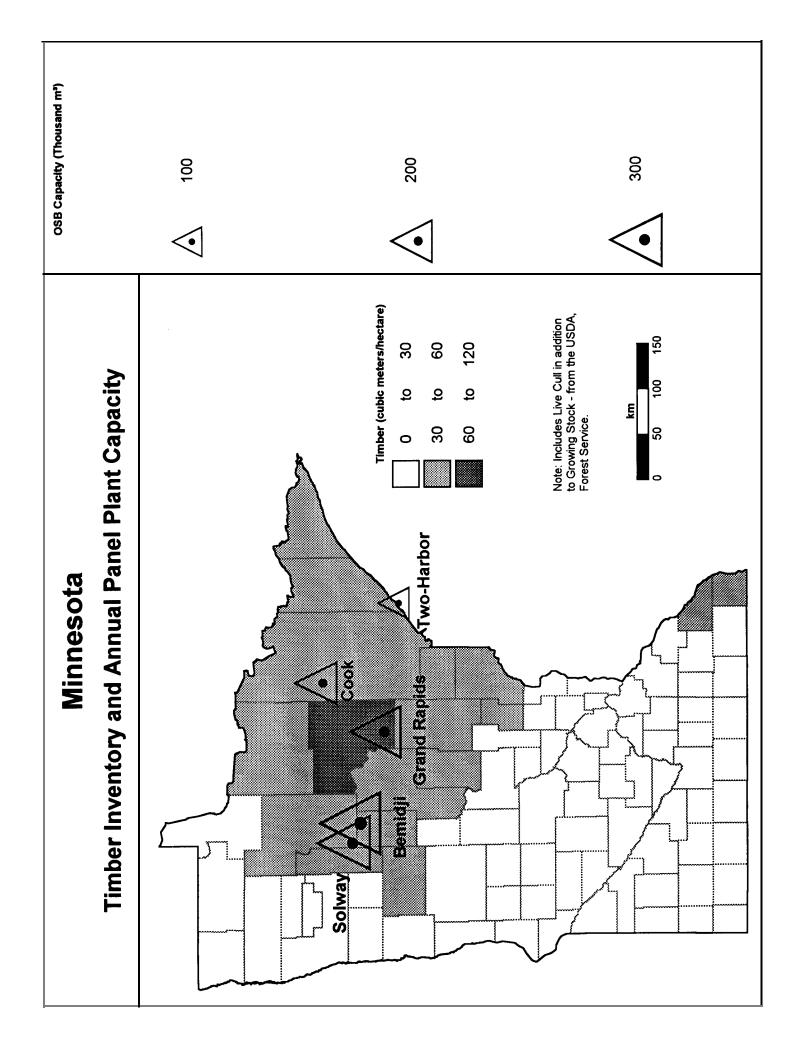


| Maine                                 |       |        |      |            |      |  |                |  |             |                         |          |      |
|---------------------------------------|-------|--------|------|------------|------|--|----------------|--|-------------|-------------------------|----------|------|
|                                       | Year  | Year   |      |            |      | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thousa | nd m³)   |             |                         |          |      |
| Location Company                      | built | closed | 1965 | 1970       | 1975 | 1980   | 1985           | 1990   | 1995        | 1996                    | 1997     | 1998 |
| PINE PLYWOOD<br>TOTAI                 |       |        |      |            |      |  |                |  |             |                         |          |      |
| ORIENTED STRANDBOARD                  |       |        |      |            |      |  |                |  |             |                         |          |      |
| Easton Huber                          | 1983  |        |      |            |      |  | 119            | 164  | <u>1</u>    | 164                     | 164<br>1 | 164  |
| Houlton L-P                           | 1982  |        |      |            |      |  | 133            | 164  | 230         | 230                     | 230      | 230  |
| Woodland G-P                          | 1981  |        |      |            |      |  | 124            | 137  | 171         | 190                     | 190      | 190  |
| OTAL                                  |       |        |      |            |      |  | 376            | 465  | 571         | 584                     | 584      | 584  |
| TOTAL PLYWOOD AND OSB                 |       |        | 0    | 0          | o    | 0  | 376            | 465  | 571         | 584                     | 584      | 584  |
| PARTICLEBOARD                         |       |        |      |            |      |  |                |  |             |                         |          |      |
| MEDIUM-DENSITY FIBERBOARD             | RD    |        |      |            |      |  |                |  |             |                         |          |      |
| TOTAL<br>TOTAL PARTICLERCARD AND MODE |       | L      | c    | G          | c    | 0  | 2              | c  | c           | c                       | C        | C    |
|                                       |       |        |      |            | 5    |  |                |  | 0           | 010                     | 2        | 2    |
|                                       |       |        | 699  | 98)<br>280 | 5    | A Z  | 57/1           | 6/6L   | 2438        | 2523                    | AN       | A N  |
| PULPWOOD RECEIPTS                     |       |        | NA   | AA         | ¥    | A  | AA             | 9170   | 8976        | NA                      | NA       | NA   |
| TOTAL DRAIN                           |       |        | AN   | AN         | AN   | AN   | AN             | 11610  | 11985       | AN                      | NA       | AN   |
| 1995 DRAIN / INVENTORY RATIO          | TIO   |        |      |            |      |  |                |  | 0.020       |                         |          |      |
|                                       |       |        |      |            |      |  | IVI            | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. | \$ per m <sup>3</sup> ) |          |      |
| Pine sawtimber                        |       |        |      |            |      |  |                |  |             |                         |          |      |
| Standing                              |       |        |      |            |      | AN   | AN             | NA   | ٩N          | NA                      | NA       | AN   |
| Delivered                             |       |        |      |            |      | AN   | AN             | AN   | ٩N          | NA                      | AN       | ٨N   |
| Pine pulpwood                         |       |        |      |            |      |  |                |  |             |                         |          |      |
| Standing                              |       |        |      |            |      | ٩N   | AN             | AN   | 9           | ۍ                       | S        | AN   |
| Delivered                             |       |        |      |            |      | AN   | AN             | NA   | 24          | 23                      | ß        | AN   |
| Hardwood pulpwood                     |       |        |      |            |      |  | :              | :::  | ,           | I                       | I        |      |
| Standing                              |       |        |      |            |      | AZ   | NA             | AN   | Q           | Q                       | S        | ٩N   |
| Delivered                             |       |        |      |            |      | AN   | AN             | NA   | 24          | 33                      | 8        | AN   |
|                                       |       |        |      |            |      |  |                |  |             |                         |          |      |

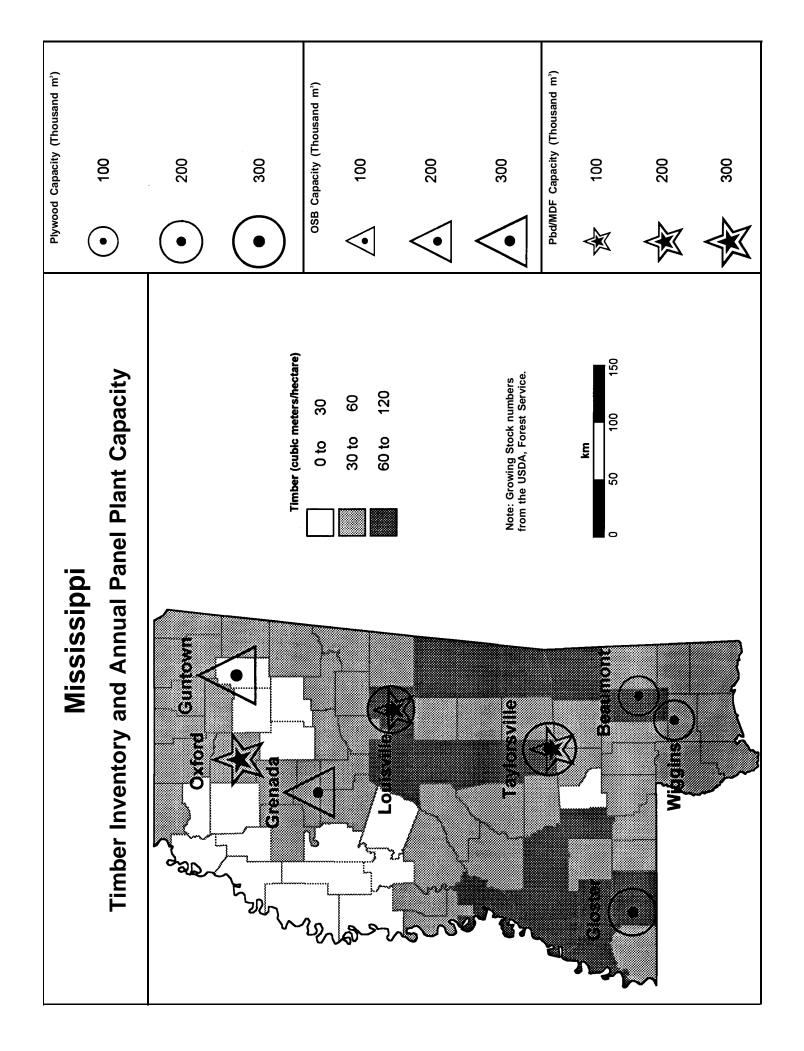


|                               | Year  | Year   |      |      |      | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thousa | nd m <sup>3</sup> ) |       |          |          |      |
|-------------------------------|-------|--------|------|------|------|--|----------------|---------------------|-------|----------|----------|------|
| Location Company              | built | closed | 1965 | 1970 | 1975 | 1980   | 1985           | 1990                | 1005  | 1006     | 1007     | 1000 |
| PINE PLYWOOD<br>TOTAL         |       |        |      |      |      |  |                |                     | 200   | Deel     | 186      | 1990 |
| <b>ORIENTED STRANDBOARD</b>   |       |        |      |      |      |  |                |                     |       |          |          |      |
| Grayling Weyerhaeus           | 1982  |        |      |      |      |  | 990            | JUU                 | 000   |          | 1        |      |
| Sagola L-P                    | 1088  |        |      |      |      |  | 007            | 8                   | 22    | 336      | 336      | 336  |
| 2                             |       |        |      |      |      |  |                | 319                 | 310   | 310      | 310      | 310  |
| -                             | 2000  |        |      |      |      |  |                |                     | 106   | 111      | 111      | 111  |
|                               |       | L      |      |      |      |  | <b>5</b> 66    | 584                 | 646   | 646      | 646      | 646  |
| MEDILIA-DENSITY FIBERRARD     | 2     |        | 0    | 0    | 0    | 0  | 266            | 584                 | 753   | 757      | 757      | 757  |
|                               | אַר   |        |      |      |      |  |                |                     |       |          |          |      |
| PARTICLEBOARD                 |       |        |      |      |      |  |                |                     |       |          |          |      |
| Gaylord Cham>G-P              | NA    |        | 71   | 171  | 101  | 210  |                | Į                   |       |          |          |      |
| AI.                           |       |        |      | ΞĘ   | 191  | 519  | <b>7</b>       | 427                 | 435   | 435      | 435      | 435  |
| TOTAL PARTICLEROARD AND MDF   |       | L      |      | 111  | 191  | 319  | 354            | 427                 | 435   | 435      | 435      | 435  |
|                               |       |        | 5    | 1//1 | 191  | 319  | 354            | 427                 | 435   | 435      | 435      | 435  |
|                               |       |        | 8/3  | 961  | 748  | AA   | NA             | 1652                | 1543  | 1539     | NA       | MA   |
|                               |       | l      | A    | NA   | NA   | AN   | NA             | 5400                | 5370  | AN       | AN<br>NA |      |
|                               |       |        | A    | A    | A    | AN   | AN             | 8063                | 8101  | NA       | AN       | AN   |
| 1995 DPAIN / INIVENTORY BATIC | 01    |        |      |      |      |  |                |                     |       |          |          |      |
|                               | 2     |        |      |      |      |  |                |                     | 0.015 |          |          |      |
|                               |       |        |      |      |      |  | дУТ            |                     |       | 1        |          |      |
| Pine sawtimber                |       |        |      |      |      |  |                |                     |       |          |          |      |
| Standing                      |       |        |      |      |      | AN   | AN             | NA                  | 41    | Q        | 44       | MA   |
| Pine pulpwood                 |       |        |      |      |      | AN   | AN             | NA                  | AN    | AN       | AN       | A A  |
| Standing                      |       |        |      |      |      |  |                | I                   |       |          |          |      |
| Delivered                     |       |        |      |      |      | NA   | 4              | 9                   | 12    | 1        | 6        | AN   |
| Aspen pulpwood                |       |        |      |      |      | NA   | 16             | 8                   | 27    | 8        | 27       | AN   |
| Standing                      |       |        |      |      |      | NA   | ç              | ı                   | (     |          |          |      |
| Delivered                     |       |        |      |      |      |  | ָי נ           | ַ מ                 | ת     | <b>5</b> | თ        | AN   |
|                               |       |        |      |      |      | AN   | 15             | 19                  | 24    | 27       | 8        | AN   |
|                               |       |        |      |      |      |  |                |                     |       |          |          |      |

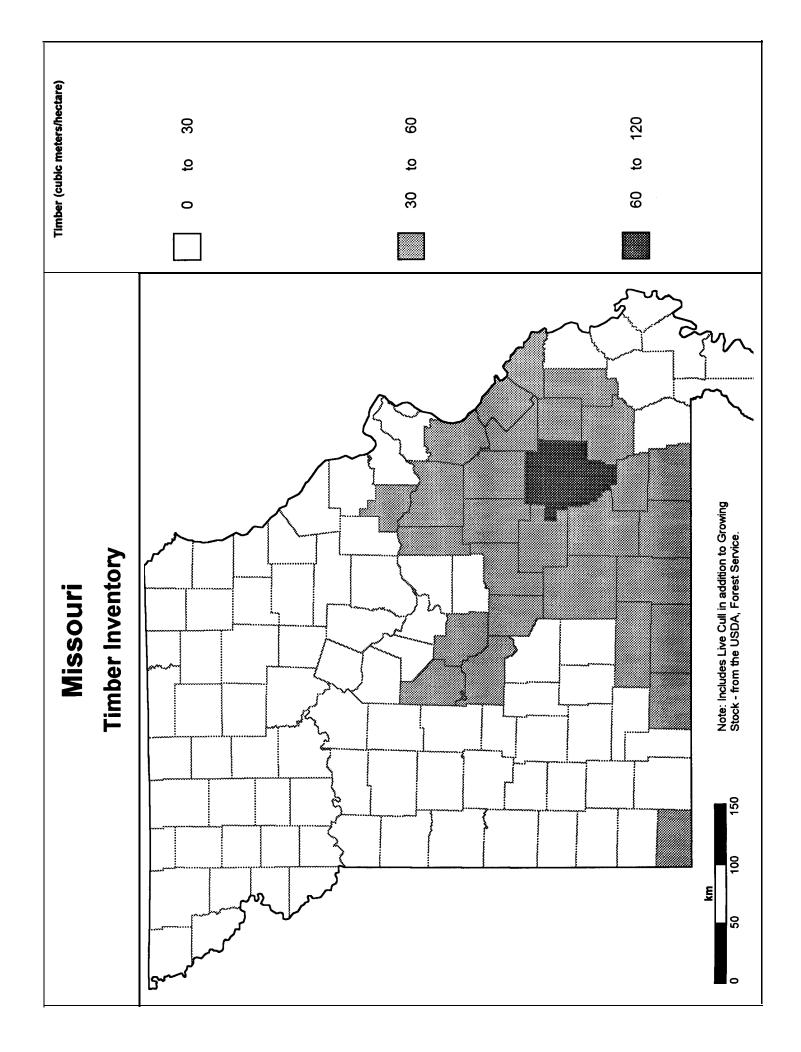
Michigan



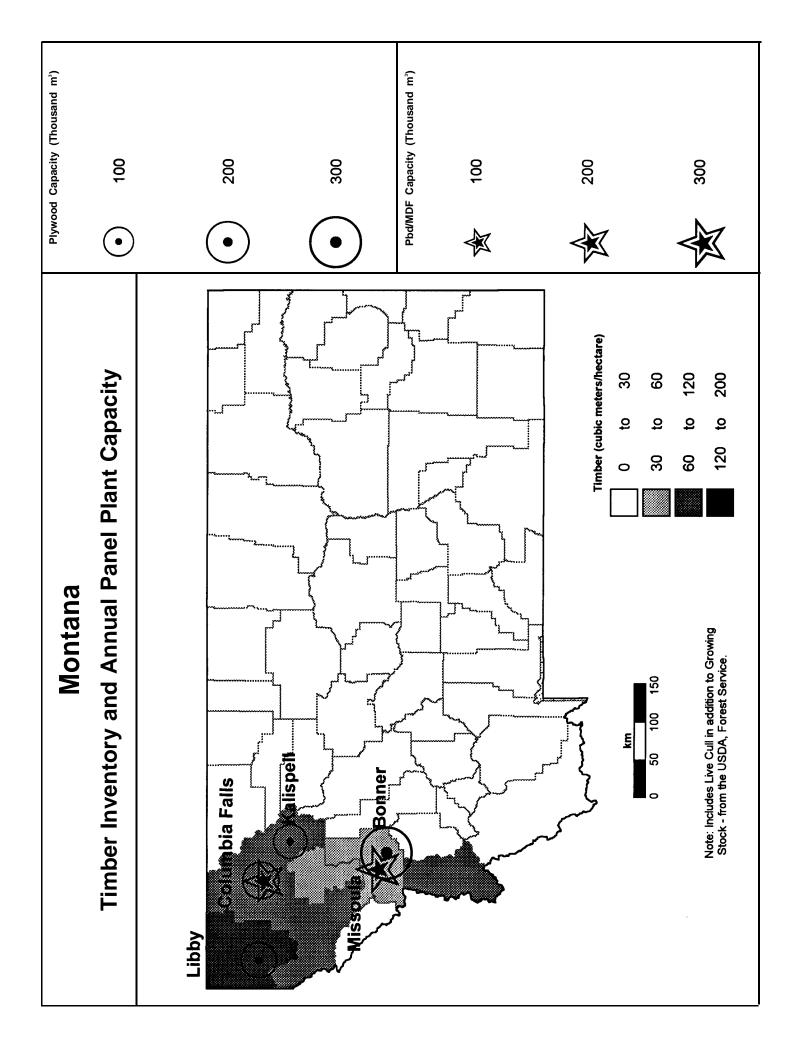
|   | Year  | Year   |      |      |      | Capacity / Production (Thousand m <sup>3</sup> ) | iction (Thousa | nd m³)     |  |            |      |      |
|---|-------|--------|------|------|------|--|----------------|------------|--|------------|------|------|
| Location Company                                    | built | closed | 1965 | 1970 | 1975 | 1980   | 1985           | 1990       | 1995   | 1996       | 1997 | 1998 |
| PINE PLYWOOD<br>TOTAI                               |       |        |      |      |      |  |                |            |  |            |      |      |
| ORIENTED STRANDBOARD                                |       |        |      |      |      |  |                |            |  |            |      |      |
| Gr.Rapids Blandin>Potl                              | 1972  |        |      |      | 8    | 124  | 248            | 301        | 310  | 310        | 310  | 310  |
|   | 1981  |        |      |      |      |  | 150            | 195        | 212  | 212        | 212  | 212  |
| Solway Norboard                                     | 1981  |        |      |      |      |  | 230            | 230        | 266  | 294        | 335  | 335  |
| Cook Potlatch                                       | 1983  |        |      |      |      |  | 159            | 168        | 215  | 215        | 215  | 215  |
| Two-Harbor L-P                                      | 1985  |        |      |      |      |  | 88             | 115        | 119  | 119        | 119  | 119  |
| Bemidji Potlatch                                    | 1990  |        |      |      |      |  |                | 195<br>1   | 220  | 82         | 220  | 220  |
| TOTAL   |       |        |      |      | 89   | 124  | 876            | 1009       | 1122   | 1150       | 1191 | 1191 |
| TOTAL PLYWOOD AND OSB                               |       |        | 0    | 0    | 89   | 124  | 876            | 1204       | 1343   | 1371       | 1411 | 1411 |
| MEDIUM-DENSITY FIBERBOARD<br>TOTAL<br>PARTICLEBOARD | RD    |        |      |      |      |  |                |            |  |            |      |      |
| TOTAL PARTICLEBOARD AND MDF                         | O MDF | L      | 0    | 0    | 0    | 0  | 0              | 0          | 0  | 0          | 0    | 0    |
| LUMBER PRODUCTION                                   |       | J      | AN   | M    | NA   | NA   | NA             | 732        | 739  | NA         | NA   | Ż    |
| PULPWOOD RECEIPTS                                   |       |        | AN   | AN   | AN   | NA   | NA             | 3840       | 4895   | NA         | AN   | AN   |
| TOTAL DRAIN   |       |        | AN   | A    | A    | AN   | AN             | 5775       | 6976   | AN         | AN   | Ż    |
| 1995 DRAIN / INVENTORY RATIO                        | TIO   |        |      |      |      |  |                |            | 0.014  |            |      |      |
|   |       |        |      |      |      |  | ±∠⊥            | PICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m³) |      |      |
| Pine sawtimber<br>Standing                          |       |        |      |      |      | AN   | AN             | 8          | æ  | 35         | AN   | Ż    |
| Delivered   |       |        |      |      |      | AN   | AN             | AN         | AN   | AN         | AN   | AN   |
| Pine pulpwood                                       |       |        |      |      |      | ι  | •              | ı          | ę  | ę          |      | :    |
|   |       |        |      |      |      | οi   | 4              | 0          | 23   | 21         | AN   | AN 3 |
| Delivered   |       |        |      |      |      | 17   | 18             | 8          | ଚ  | 27         | AN   | Ž    |
| Aspen puipwood<br>Standing                          |       |        |      |      |      | 7  | 7              | r          | Ø  | 7          | NA   | NA   |
| Delivered   |       |        |      |      |      |  |                | 6          | 2  | 2          |      |      |



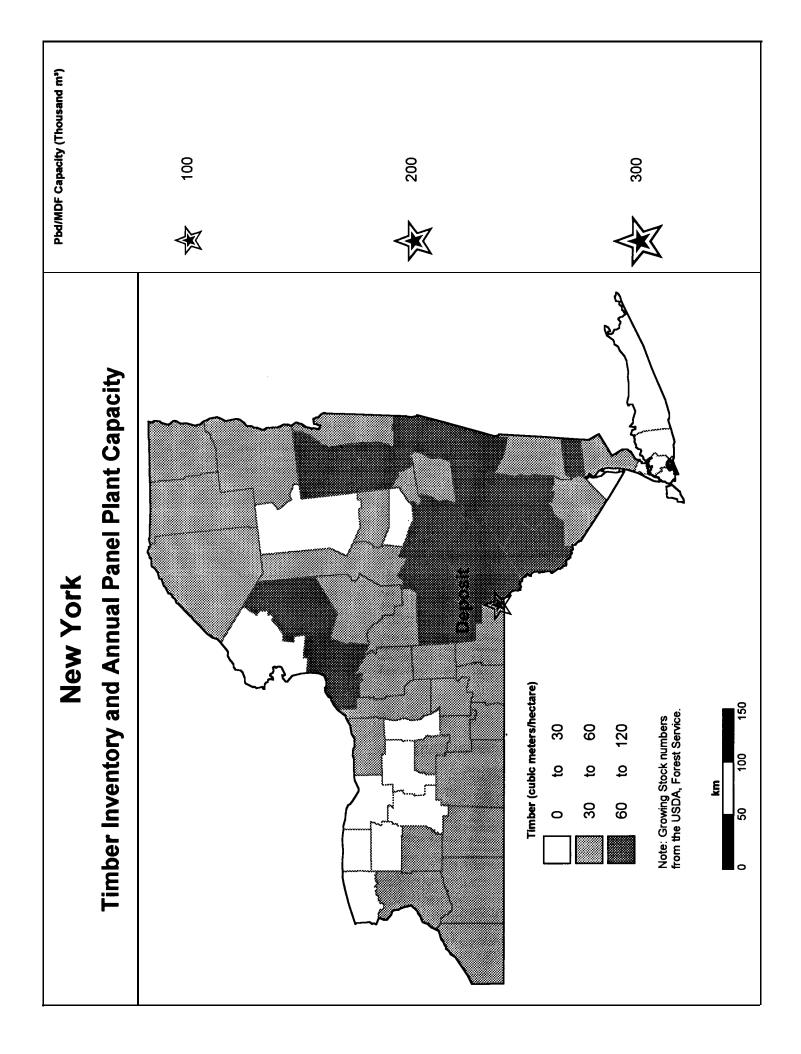
|                              | 7              | Year        | Year   |      |          | -        | Capacity / Production (Thousand m <sup>a</sup> ) | luction (Thous | and m <sup>3</sup> )                             |            |              |      |      |
|------------------------------|----------------|-------------|--------|------|----------|----------|--|----------------|--|------------|--------------|------|------|
| Location Company             |                | buitt       | closed | 1965 | 1970     | 1975     | 1980   | 1985           | 1990   | 1995       | 1996         | 1997 | 1998 |
| PINE PLYWOOD                 |                |             |        |      |          |          |  |                |  |            |              |      |      |
| Beaumont Del F               | Del Pn>Hood 19 | 996         |        |      | 8        | 8        | 8  | 106            | 124  | 178        | 178          | 178  | 178  |
| Philadelphia Wey             | Weyerhaeus 19  | <b>1966</b> | 1998   |      | <b>4</b> | <b>6</b> | <b>6</b> 4                                       | 8              | 75   | 115        | 115          | 115  |      |
| Louisville G-P               | 16             | 996         |        |      | 8        | 133      | 177  | 248            | 258  | 258        | 258          | 258  | 258  |
| Gloster G-P                  | •              | 1967        |        |      | 124      | 155      | 204  | 239            | 248  | 257        | 261          | 261  | 261  |
| Taylorsville G-P             | 16             | <b>696</b>  |        |      | 8        | 168      | 23   | 217            | 305  | 323        | 323          | 323  | 323  |
| Wiggins I-P>Hood             | ·              | 1971        |        |      |          | 111      | 133  | 155            | 195  | 187        | 187          | 187  | 187  |
| TOTAL                        |                |             |        |      | 412      | 695      | 872  | 1031           | 1205   | 1318       | 1322         | 1322 | 1207 |
| <b>ORIENTED STRANDBOARD</b>  | BOARD          |             |        |      |          |          |  |                |  |            |              |      |      |
| Grenada G-P                  | 15             | 1985        |        |      |          |          |  | 221            | 266  | 298        | 298          | 298  | 298  |
| Guntown Norboard             |                | 1995        |        |      |          |          |  |                |  | 80         | 381          | 385  | 385  |
| TOTAL                        |                |             |        |      |          |          |  | 231            | 266  | 387        | 679          | 683  | 683  |
| TOTAL PLYWOOD AND OSB        | ND OSB         |             |        | 0    | 412      | 695      | 872  | 1252           | 1471   | 1705       | 2002         | 2006 | 1890 |
| PARTICLEBOARD                |                |             |        |      |          |          |  |                |  |            |              |      |      |
| Louisville G-P               | 19             | 1967        |        |      | 127      | 159      | 171  | 166            | 182  | 230        | 230          | 230  | 230  |
| Oxford CI>G-P                | -              | 1969        |        |      | 171      | 212      | 269  | 342            | 354  | 354        | 354          | 354  | 354  |
| Taylorsville G-P             | 16             | 1971        |        |      |          | 212      | 186  | 186            | 205  | 274        | 274          | 274  | 274  |
| TOTAL                        |                |             |        |      | 304      | 584      | 632  | 694            | 742  | 858        | 858          | 858  | 858  |
| MEDIUM-DENSITY FIBERBOARD    |                |             |        |      |          |          |  |                |  |            |              |      |      |
| Meridian Kroehler            | •              | 1970        | 1978   |      | ŝ        | ŝ        |  |                |  |            |              |      |      |
| TOTAL                        |                |             |        |      | 33       | 33       |  |                |  |            |              |      |      |
| TOTAL PARTICLEBOARD AND MDF  | DARD AND MD    | Ĕ           |        | 0    | 337      | 617      | 632  | 694            | 742  | 858        | 858          | 858  | 858  |
| LUMBER PRODUCTION            | ION            |             |        | 2216 | 2537     | 2310     | 2601   | 3693           | 5327   | 6419       | 6544         | AN   | NA   |
| PULPWOOD RECEIPTS            | PTS            |             |        | 5001 | 11167    | 10863    | 13288  | 12538          | 17722  | 18480      | ٩N           | AN   | AN   |
| TOTAL DRAIN                  |                |             |        | 7217 | 14453    | 14485    | 17392  | 18177          | 25261  | 27462      | AA           | AN   | AN   |
| 1995 DRAIN / INVENTORY RATIO | TORY RATIO     |             |        |      |          |          |  |                |  | 0.047      |              |      |      |
|                              |                |             |        |      |          |          |  | ₹              | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S | . \$ per m³) |      |      |
| Pine sawtimber               |                |             |        |      |          |          |  |                |  |            |              |      |      |
| Standing                     |                |             |        |      |          |          | 32   | 27             | 32   | 70         | ኇ            | 72   | AN   |
| Delivered                    |                |             |        |      |          |          | 4  | 99<br>9        | <del>8</del>                                     | 82         | 69           | 2    | AN   |
| Pine pulpwood                |                |             |        |      |          |          |  |                |  |            |              |      |      |
| Standing                     |                |             |        |      |          |          | S  | 9              | 9  | 12         | 11           | 13   | AN   |
| Delivered                    |                |             |        |      |          |          | 18   | ព              | ନ୍ଧ  | <u></u> З  | 26           | 28   | ٩N   |
| Hardwood pulpwood            |                |             |        |      |          |          |  |                |  | 1          | i            |      |      |
| Standing                     |                |             |        |      |          |          | 2  | ы              | en<br>E  | 7          | 7            | 80   | AN   |
| Delivered                    |                |             |        |      |          |          | 14   | 15             | 19   | 26         | ន            | 27   | AA   |



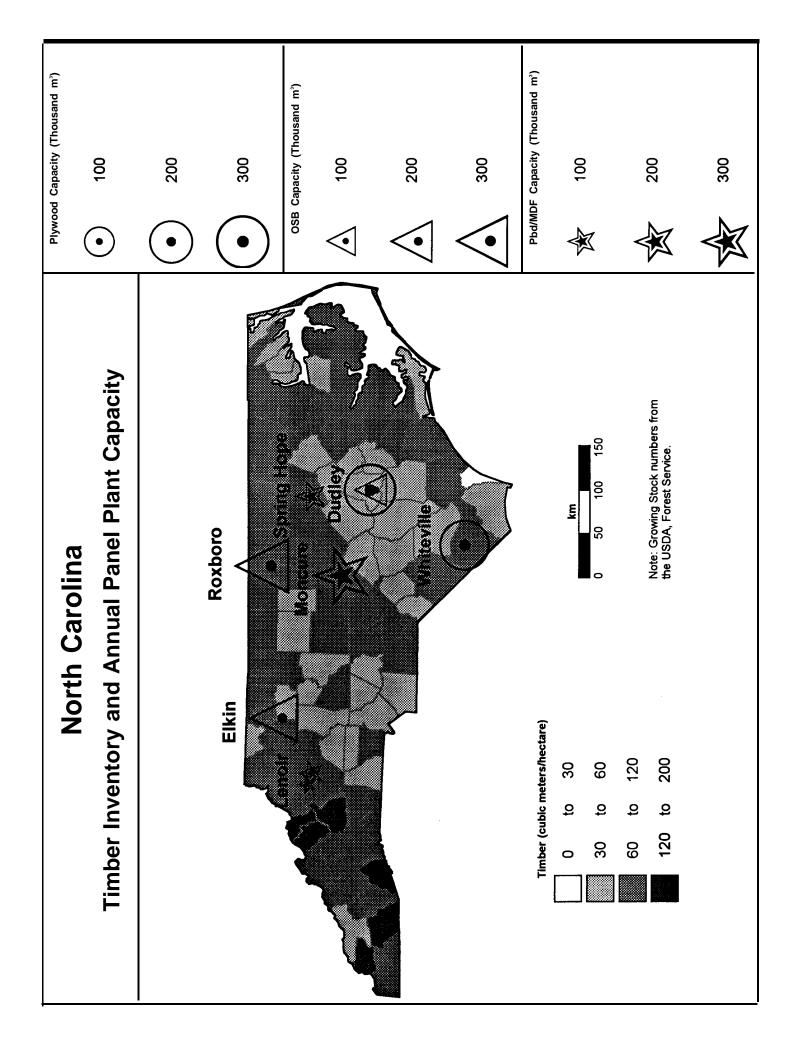
| Missouri  |                       |               |        |      | Drad | untion (Thou  | (Em band  |  | 1                            |      |      |         |
|---|-----------------------|---------------|--------|------|------|---|-----------|--|------------------------------|------|------|---------|
|   | 1965                  | 1970          | 1975   | 1980 |      | Capacity / Froduction ( I nousand IIF)       1980     1985     1990 | 1990      | 1995   | 1996                         | 1997 | 1998 | 8       |
| PINE PLYWOOD<br>TOTAL<br>ORIENTED STRANDBOARD<br>TOTAI  |                       |               |        |      |      |   |           |  |                              |      |      |         |
| TOTAL PLWOOD AND OSB  |                       | 0             | 0      | 0    | 0    | 0   | 0         | 0  | 0                            |      | 0    | 0       |
| PARTICLEBOARD<br>TOTAL<br>MEDILIM-DENSITY FIRERBOARD  |                       |               |        |      |      |   |           |  |                              |      |      |         |
|   |                       |               |        | C    | C    | C   | c         | Ċ  |                              |      | c    | G       |
|   |                       |               |        |      |      |   |           |  |                              |      | 5    | בן<br>ב |
| LUMBER PRODUCTION<br>DITLEMMAAD BECEIDTS  | AN N                  |               |        | A N  | A Z  | A Z   | AN N      | AN   | A N                          |      | AN   | ¥ ž     |
|   | M                     |               |        |      |      | AN  | AN NA     | AN N   |                              |      | NA   |         |
|   |                       |               |        |      |      |   |           |  |                              |      |      |         |
| 1995 DRAIN / INVENTORY RATIO<br>Note: Drain / Inventory Ratio based on inventory estimates by the USDA, Forest Service. | r estimates by the US | DA, Forest Se | rvice. |      |      |   |           | 0.015  |                              |      |      |         |
|   |                       |               |        |      |      |   | YPICAL WO | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | J.S. \$ per m <sup>3</sup> ) |      |      |         |
| Pine sawtimber  |                       |               |        |      |      |   |           |  |                              |      |      |         |
| Standing  |                       |               |        |      | AN   | AN  | 19        | ŝ  | 8                            |      | 26   | AN      |
| Delivered   |                       |               |        |      | NA   | NA  | NA        | 90   | 37                           |      | 46   | AN      |
| Pine pulpwood   |                       |               |        |      |      |   |           |  |                              |      |      |         |
| Standing  |                       |               |        |      | AN   | AN  | NA        | AA   | AN                           |      | NA   | A       |
| Delivered   |                       |               |        |      | NA   | AN  | NA        | AN   | AN                           |      | NA   | A       |
| Hardwood pulpwood   |                       |               |        |      |      |   |           |  |                              |      |      |         |
| Standing  |                       |               |        |      | AN   | AN  | AA        | 0  | 7                            |      | 7    | A       |
| Delivered   |                       |               |        |      | AN   | AN  | AN        | AN   | AN                           |      | NA   | AN      |
|   |                       |               |        |      |      |   |           |  |                              |      |      |         |



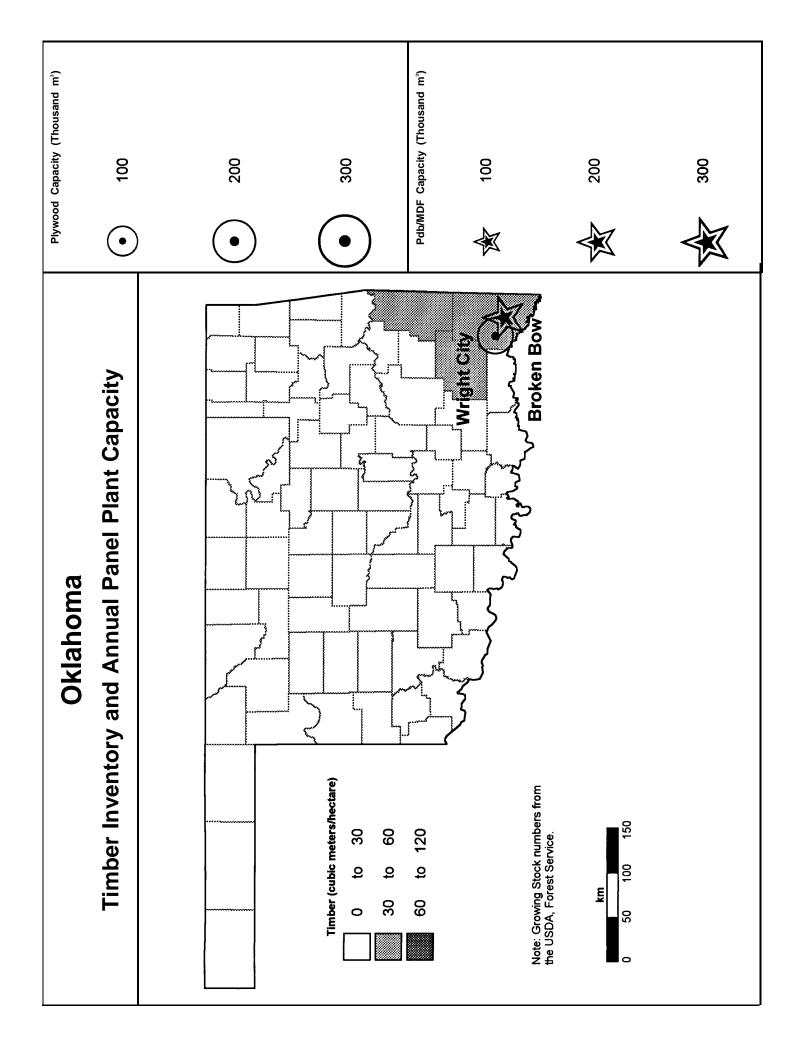
| Montana                      |                 | Year  | Year   |      |      |            | Canacity / Production (Thousand m <sup>3</sup> ) | iction (Thousa | nd m <sup>3</sup>                                |             |                         |            |                 |
|------------------------------|-----------------|-------|--------|------|------|------------|--|----------------|--|-------------|-------------------------|------------|-----------------|
| Location Corr                | Company         | built | closed | 1965 | 1970 | 1975       | 1980   | 1985           | 1990   | 1995        | 1996                    | 1997       | 1998            |
| PINE PLYWOOD                 |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |
| Bonner Stim                  | Stimson Lumbe   | 1974  |        |      |      | 266        | 310  | 282            | 310  | 303         | 303                     | 303        | 93<br>3         |
| Columbia Falls Plun          | Plum Creek      | 1965  |        | 62   | 88   | <b>6</b> 8 | <b>6</b> 8                                       | 102            | 133  | 151         | 151                     | 151        | 151             |
| Libby Stim                   | Stimson Lumbe   | 1962  |        | 62   | 71   | 71         | 71   | 75             | 133  | 146         | 146                     | 146        | 146             |
| Kalispell Plun               | Plum Creek      | 1960  |        | 88   | 88   | 68         | 68   | 102            | 106  | 131         | 131                     | 131        | 131             |
| Missoula Evar                | Evans Products  | 1960  | 1980   | 115  | 115  | 115        | 115  |                |  |             |                         |            |                 |
| Polson Pacl                  | Pack River Plyw | 1970  | 1972   |      | 58   |            |  |                |  |             |                         |            |                 |
| Whitefish Mon                | Montana Plywoo  | 1958  | 1970   | 13   | 13   |            |  |                |  |             |                         |            |                 |
|                              | Champ Int.      | 1956  | 1967   | ß    |      |            |  |                |  |             |                         |            |                 |
| TOTAL                        |                 |       |        | 398  | 434  | 628        | 674  | 561            | 681  | 731         | 731                     | 731        | 731             |
|                              | DBOARD          |       |        |      |      |            |  |                |  |             |                         |            |                 |
| TOTAL                        |                 |       | I      |      |      |            |  |                |  |             |                         |            |                 |
| TOTAL PLYWOOD AND OSB        | AND OSB         |       |        | 398  | 434  | 628        | 674  | 561            | 681  | 731         | 731                     | 731        | 731             |
| EBUAI                        |                 |       |        |      |      | č.         | Į  | ļ              |  |             |                         | 1          |                 |
|                              | Evans Pr>L-P    | 19/0  |        |      | 142  | 159        | 171  | 170            | 266  | 266         | 266                     | <b>366</b> | 2 <b>6</b> 6    |
| TOTAL                        |                 |       |        |      | 142  | 159        | 177  | 170            | <b>2</b> 66                                      | <b>2</b> 66 | <b>2</b> 66             | 266        | 266             |
|                              | FIBERBOAR       |       |        |      |      |            | :  |                |  |             |                         |            |                 |
|                              | Plum Creek      | 1974  |        |      |      | 124        | 142  | 142            | 177  | 218         | 218                     | 218        | 218             |
| TOTAL                        |                 |       | I      |      |      | 124        | 142  | 142            | 171  | 218         | 218                     | 218        | 218             |
| TOTAL PARTICLEBOARD AND MDF  | OARD AND        | MDF   | L      | 0    | 142  | 283        | 319  | 312            | 443  | 483         | 483                     | 483        | <del>4</del> 83 |
| LUMBER PRODUCTION            | TION            |       |        | 3094 | 3023 | 2450       | 3283   | 3410           | 3443   | 2811        | 2952                    | NA         | AN              |
| PULPWOOD RECEIPTS            | IPTS            |       |        | AN   | AN   | ٩N         | NA   | NA             | AN   | AN          | NA                      | NA         | AN              |
| TOTAL DRAIN                  |                 |       | J      | NA   | NA   | NA         | NA   | NA             | NA   | AN          | NA                      | NA         | A               |
| 1995 DRAIN / INVENTORY RATIO | VTORY RATI      | 0     |        |      |      |            |  |                |  | NA          |                         |            |                 |
|                              |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |
|                              |                 |       |        |      |      |            |  | ١              | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. | \$ per m <sup>3</sup> ) |            |                 |
| Pine sawtimber               |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |
| Standing                     |                 |       |        |      |      |            | ø  | თ              | 13   | 35          | 51                      | 51         | AN              |
| Delivered                    |                 |       |        |      |      |            | 25   | ଚ୍ଚ            | æ  | 8           | 11                      | 7          | AN              |
| Pine pulpwood                |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |
| Standing                     |                 |       |        |      |      |            | 1  | -              | -  | S           | 12                      | 13         | AN              |
| Delivered                    |                 |       |        |      |      |            | 16   | ଷ୍ପ            | ឧ  | 28          | 35                      | 96<br>96   | AN              |
| Hardwood pulpwood            |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |
| Standing                     |                 |       |        |      |      |            | NA   | AN             | ٩N   | AN          | ٩N                      | AN         | AN              |
| Delivered                    |                 |       |        |      |      |            | NA   | AN             | AN   | AN          | AN                      | NA         | AN              |
|                              |                 |       |        |      |      |            |  |                |  |             |                         |            |                 |



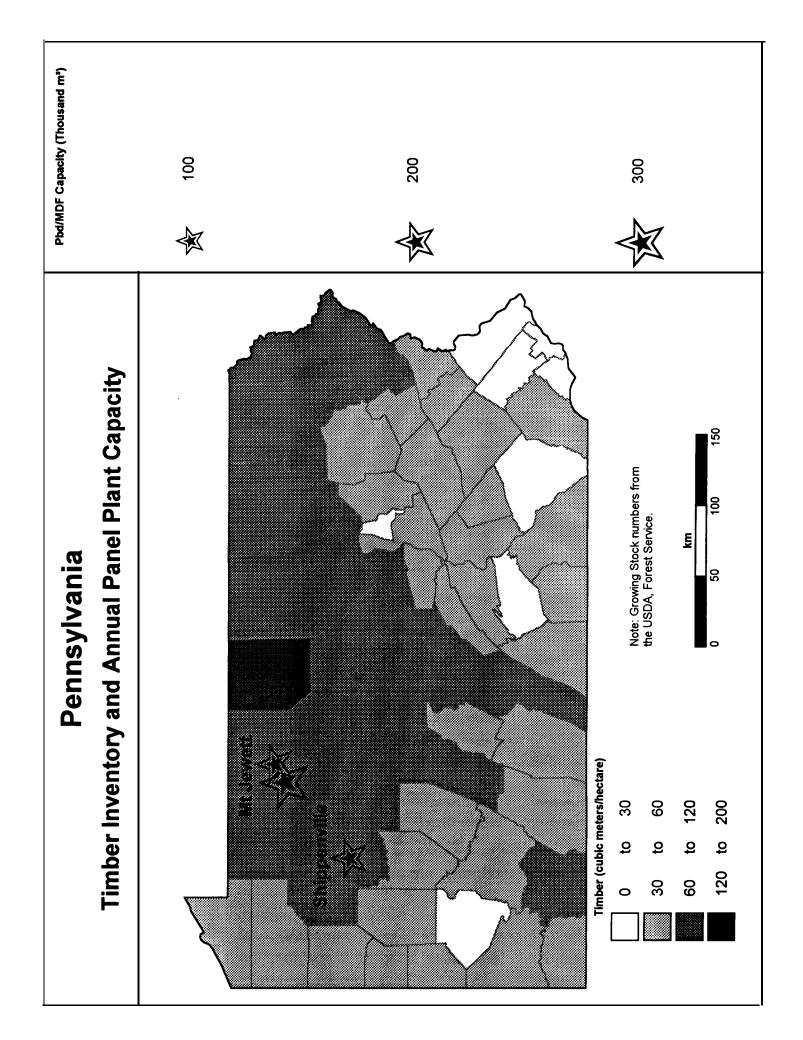
| <b>~</b>                               | Year     | Year   |      |      | Ö    | apacity / Produ | Capacity / Production (Thousand m <sup>3</sup> ) | nd m³) |   |              |      |      |
|--|----------|--------|------|------|------|-----------------|--|--------|---|--------------|------|------|
| ompany                                 | built cl | closed | 1965 | 1970 | 1975 | 1980            | 1985   | 1990   | 1995  | 1996         | 1997 | 1998 |
| PINE PLYWOOD<br>TOTAL                  |          |        |      |      |      |                 |  |        |   |              |      |      |
| ORIENTED STRANDBOARD                   |          |        |      |      |      |                 |  |        |   |              |      |      |
| TOTAL PLYWOOD AND OSB                  |          | L      | 0    | 0    | 0    | 0               | 0  | 0      | 0   | 0            | 0    | 0    |
| PARTICLEBOARD                          |          |        |      |      |      |                 |  |        |   |              | -    |      |
| I UI AL<br>MEDII IM-DENSITY EIRERBOARD |          |        |      |      |      |                 |  |        |   |              |      |      |
|  | 1966     |        |      | 50   | ß    | ន               |  | 8      | 110   | 110          | 110  | 110  |
| TOTAL                                  |          |        |      | 8    | 3    | 8               |  | 8      | 110   | 110          | 110  | 110  |
| TOTAL PARTICLEBOARD AND MDF            | ٣<br>٣   | L      | 0    | 20   | 20   | 20              | 0  | 8      | 110   | 110          | 110  | 110  |
| LUMBER PRODUCTION                      |          | J      | 736  | 621  | 571  | AN              | NA   | 883    | 1222  | 1260         | AN   | M    |
| PULPWOOD RECEIPTS                      |          |        | NA   | NA   | ٩N   | AN              | ٩N   | 2200   | 2200  | AN           | AN   | AN   |
| TOTAL DRAIN                            |          |        | AN   | Ą    | A    | AN              | M  | 3179   | 3532  | A            | AN   | A    |
| 1995 DRAIN / INVENTORY RATIO           |          |        |      |      |      |                 |  |        | 0.006   |              |      |      |
|  |          |        |      |      |      |                 | ΤΥΡ  |        | TYPICAL WOOD COSTS (U S \$ ber m <sup>2</sup> ) | \$ per m³)   |      |      |
| Pine sawtimber                         |          |        |      |      |      |                 |  |        |   | <b>A A A</b> |      |      |
| Standing                               |          |        |      |      |      | NA              | NA   | AN     | AN  | AN           | NA   | NA   |
| Delivered                              |          |        |      |      |      | AN              | AN   | AN     | AN  | AN           | AN   | NA   |
| Pine pulpwood                          |          |        |      |      |      |                 |  |        |   |              |      |      |
| Standing                               |          |        |      |      |      | AN              | NA   | AN     | AN  | AN           | AN   | AN   |
| Delivered                              |          |        |      |      |      | NA              | AN   | AN     | AN  | NA           | AN   | N    |
| Hardwood pulpwood                      |          |        |      |      |      |                 |  |        |   |              |      |      |
| Standing                               |          |        |      |      |      | AN              | AN   | AN     | ٩N  | AN           | AN   | NA   |
| Delivered                              |          |        |      |      |      | ΝΔ              | AN   | NΔ     | NΔ  | NA           | A IA | VIV  |



| I acation                      |            | rear<br>cloced | 1065 | 0207  |       | Capacity / Production (Thousand m <sup>3</sup> ) | IUCTION ( I NOUS | Ind m <sup>2</sup> ) |  |                         |            |          |
|--------------------------------|------------|----------------|------|-------|-------|--|------------------|----------------------|--|-------------------------|------------|----------|
|                                |            | Closed         | 202  | 0/81  | C/RL  | 1990   | 1965             | 1990                 | 1995   | 1996                    | 1997       | 1998     |
| Plymouth Weyerhaeus            | ieus 1965  | 1997           | 53   | 2     | 2     | 71   | 88               | 67                   | 111  | 124                     |            |          |
| Elizabeth City Triangle        | 1966       | 1978           |      | 27    | 27    |  |                  | i                    |  | !                       |            |          |
| Jacksonville Weyerhaeus        | ens        | 1990           |      | 68    | 88    | 115  | 140              | 137                  |  |                         |            |          |
| Moncure BC>Willam              |            | 1998           |      | 71    | 74    | 74   | 8                | 97                   | 119  | 119                     | 119        |          |
| Whiteville G-P                 | 1971       |                |      | 8     | 133   | 171  | 212              | 248                  | 274  | 274                     | 274        | 274      |
|                                | 1980       |                |      |       |       | 63   | 124              | 226                  | 301  | 301                     | 301        | 301      |
| TOTAL                          |            |                | ß    | 329   | 386   | 530  | 649              | 805                  | 805<br>205                                       | 818                     | 700<br>700 | 575      |
| TED STF                        |            |                |      |       |       |  |                  |                      |  |                         |            |          |
| ~                              |            |                |      |       |       |  | 111              | 111                  | 124  | 124                     | 124        | 124      |
|                                |            |                |      |       |       |  |                  | 199                  | 230  | 266                     | 266        | 266      |
| Roxboro L-P                    | 1995       |                |      |       |       |  |                  |                      |  | 292                     | 332        | 332      |
| TOTAL                          |            | 1              |      |       |       |  | 111              | 310                  | 354  | 682                     | 722        | 22       |
| TOTAL PLYWOOD AND OSB          | OSB        |                | ខ    | 329   | 386   | 530  | 759              | 1115                 | 1159   | 1500                    | 1416       | 1297     |
| Farmville Formica>IP           | AIP NA     | 1973           | 71   | 106   |       |  |                  |                      |  |                         |            |          |
| Lenoir Nu-Wood                 |            |                | 13   | 27    | 8     | 42   | 42               | 41                   | 41   | 41                      | 41         | 41       |
| Lenoir Broyhill                | 1976       |                |      |       |       | 4  | 55               | 22                   | 17   | 7                       | 7          |          |
|                                | ieus 1987  |                |      |       |       |  |                  | 186                  | 186  | 266                     | 266        | 266      |
| TOTAL                          |            |                | 84   | 133   | ଞ     | 98<br>8  | 97               | 277                  | 298  | 378                     | 378        | 378      |
| DENS                           | RBOARD     |                |      |       |       |  |                  |                      |  |                         |            |          |
|                                |            |                |      |       | 110   | 106  | 124              | 133                  | 133  | 133                     | 133        | 133      |
| Spring Hope Masonite           | E/61 0     |                |      |       | 106   | 131  | 131              | 119                  | 12   | <u>8</u>                | <u>1</u> 2 | <u>8</u> |
|                                |            | l              |      |       | 216   | 237  | 255              | 251                  | 255  | 255                     | 255        | 255      |
| I O I AL PARTICLEBOARD AND MDF | KD AND MDF |                | 8    | 133   | 246   | 323  | 352              | 528                  | 553  | <b>633</b>              | 633        | 633      |
| LUMBER PRODUCTION              | _          |                | 3158 | 2764  | 2544  | 2634   | 3330             | 3844                 | 5154   | 5270                    | NA         | A        |
| PULPWOOD RECEIPTS              | ~          |                | 6310 | 9076  | 8177  | 10716  | 10974            | 12456                | 14047  | AN                      | NA         | AN       |
| TOTAL DRAIN                    |            |                | 3605 | 12302 | 11353 | 14204  | 15415            | 17944                | 20913  | AN                      | NA         | AN       |
| 1995 DRAIN / INVENTORY RATIO   | RY RATIO   |                |      |       |       |  |                  |                      | 0.023  |                         |            |          |
|                                |            |                |      |       |       |  | Ι <del>Λ</del> Τ | PICAL WOOD           | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m <sup>3</sup> ) |            |          |
| Pine sawtimber                 |            |                |      |       |       |  |                  |                      |  |                         |            |          |
| Standing                       |            |                |      |       |       | <b>5</b> 5                                       | 28               | 8                    | æ  | R                       | 42         | NA       |
| Delivered                      |            |                |      |       |       | र्ष्ट  | 41               | 42                   | 56   | 59                      | 62         | AN       |
|                                |            |                |      |       |       |  |                  |                      |  |                         |            |          |
| Standing                       |            |                |      |       |       | n  | 4                | 9                    | 7  | 9                       | 9          | AN       |
| Delivered                      |            |                |      |       |       | 16   | ନ୍ନ              | 21                   | 24   | 21                      | ន          | AN       |
| Hardwood pulpwood              |            |                |      |       |       |  |                  |                      |  |                         |            |          |
|                                |            |                |      |       |       | -  | ~                | ო                    | S  | ŝ                       | S          | AN       |
| Delivered                      |            |                |      |       |       | 13   | 4                | 19                   | ន  | ន                       | 24         | NA       |

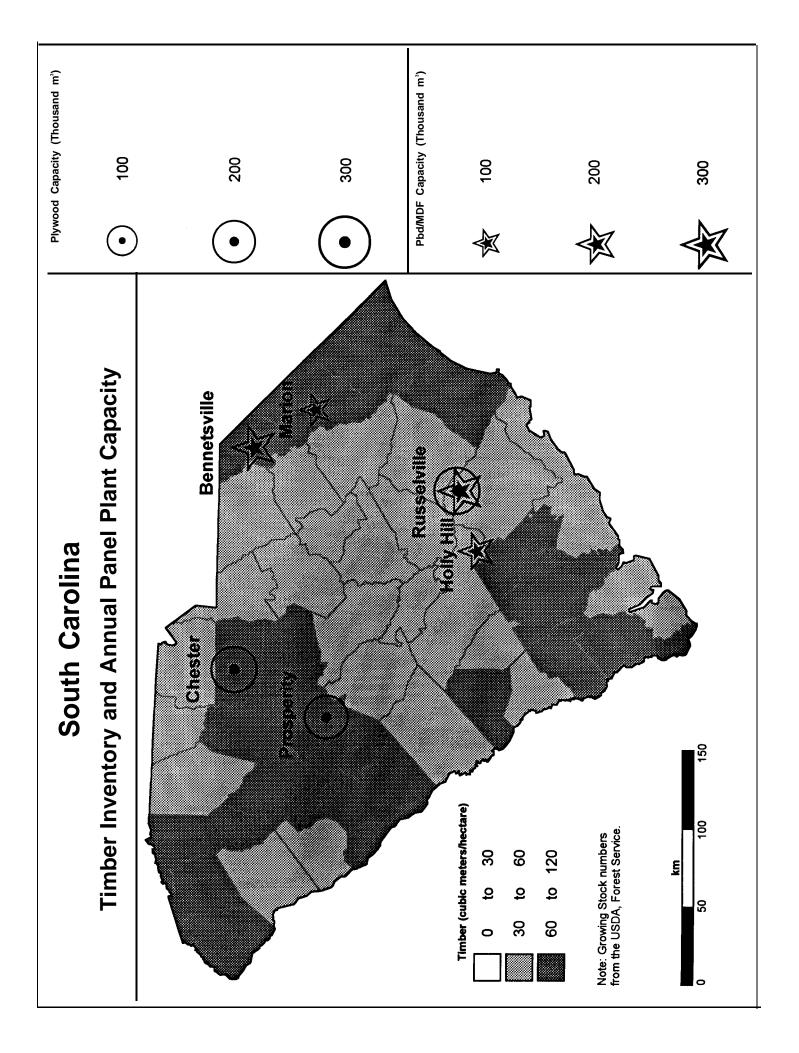


|                              | Year  | Year   |      |      | 0    | apacity / Produ | Capacity / Production (Thousand m <sup>3</sup> ) | of ma)    |  |                         |       |          |
|------------------------------|-------|--------|------|------|------|-----------------|--|-----------|--|-------------------------|-------|----------|
| Location Company             | built | closed | 1965 | 1970 | 1975 | 1980            | 1985   | 1990      | 1995   | 1996                    | 1997  | 1998     |
| PINE PLYWOOD                 |       |        |      |      |      |                 |  |           |  |                         |       |          |
| Wright City Weyerhaeus       | 1971  |        |      |      | 75   | 97              | 106  | 106       | 146  | 146                     | 146   | <u>+</u> |
| TOTAL                        |       |        |      |      | 75   | 97              | 106  | 106       | 146  | 146                     | 146   | 146      |
| <b>ORIENTED STRANDBOARD</b>  |       |        |      |      |      |                 |  |           |  |                         |       |          |
| TOTAL                        |       |        |      |      |      |                 |  |           |  |                         |       |          |
| TOTAL PLYWOOD AND OSB        |       | L      | 0    | 0    | 75   | 67              | 106  | 106       | 146  | 146                     | 146   | 146      |
| PARTICLEBOARD                |       |        |      |      |      |                 |  |           |  |                         |       |          |
| TOTAL                        |       |        |      |      |      |                 |  |           |  |                         |       |          |
| MEDIUM-DENSITY FIBERBOARD    | õ     |        |      |      |      |                 |  |           |  |                         |       |          |
| Broken Bow Pan Pac           | 1972  |        |      |      | 127  | 124             | 133  | 53        | 65   | 239                     | 239   | 23       |
| TOTAL                        |       |        |      |      | 127  | 124             | 133  | S         | 65   | 239                     | 239   | 239      |
| TOTAL PARTICLEBOARD AND MDF  | MDF   |        | 0    | 0    | 127  | 124             | 133  | 53        | 65   | 239                     | 239   | 3        |
| LUMBER PRODUCTION            |       | J      | NA   | 415  | 540  | 380             | AN   | AN        | AN   | AN                      | AN    | z        |
| PULPWOOD RECEIPTS            |       |        | 203  | 435  | 862  | 1235            | 1418   | 2556      | 2193   | AN                      | ٩N    | 2        |
| TOTAL DRAIN                  |       |        | AN   | 850  | 1605 | 1836            | A  | A         | AN   | A                       | A     | z        |
| 1995 DRAIN / INVENTORY RATIO | 6     |        |      |      |      |                 |  |           | 0.028  |                         |       |          |
|                              |       |        |      |      |      |                 |  | ICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m <sup>3</sup> ) |       |          |
| Pine sawtimber               |       |        |      |      |      |                 |  |           |  |                         |       |          |
| Standing                     |       |        |      |      |      | AN              | AN   | AN        | AN   | AN                      | AN    | z        |
| Delivered                    |       |        |      |      |      | AN              | AN   | AN        | AN   | AN                      | ٩N    | z        |
| Pine pulpwood                |       |        |      |      |      |                 |  |           |  |                         |       |          |
| Standing                     |       |        |      |      |      | AN              | AN   | AN        | AN   | AN                      | AN    | Z        |
| Delivered                    |       |        |      |      |      | AN              | NA   | AN        | AN   | AN                      | NA    | Ż        |
| Hardwood pulpwood            |       |        |      |      |      |                 |  |           |  |                         |       |          |
| Standing                     |       |        |      |      |      | AN              | NA   | AN        | AN   | AN                      | ΝA    | Ż        |
| Delivered                    |       |        |      |      |      | AN              | ۸A   | AN        | ۸A   | ۸A                      | A I A | 2        |

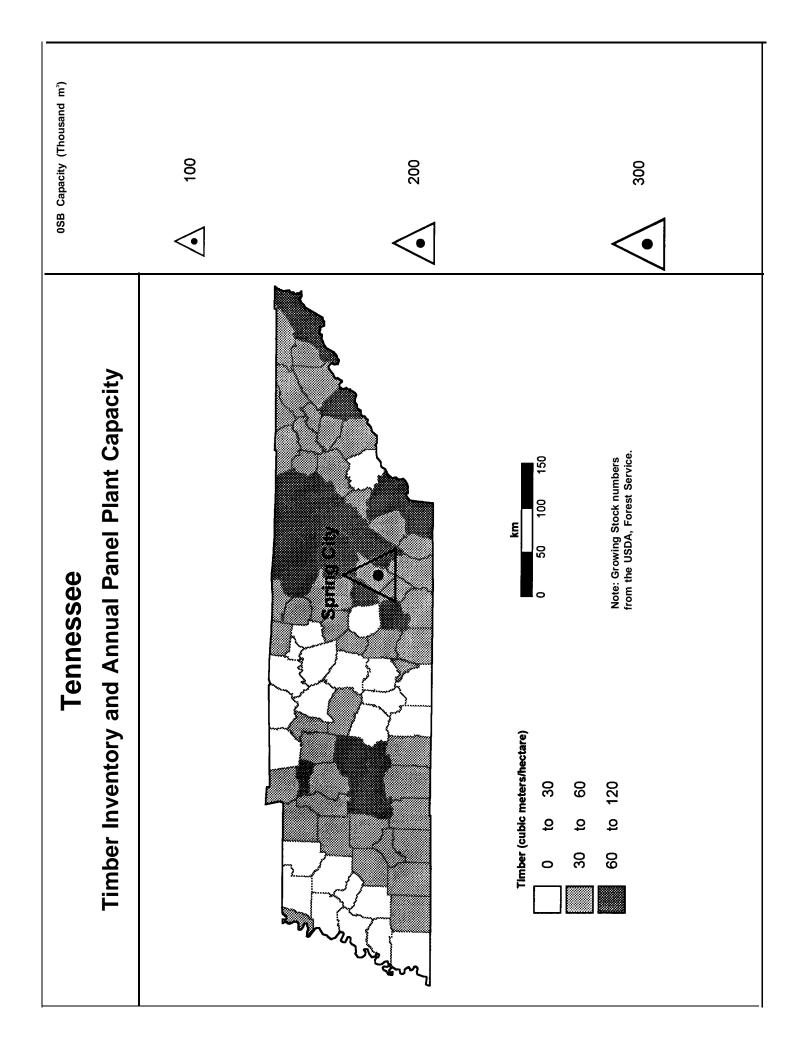


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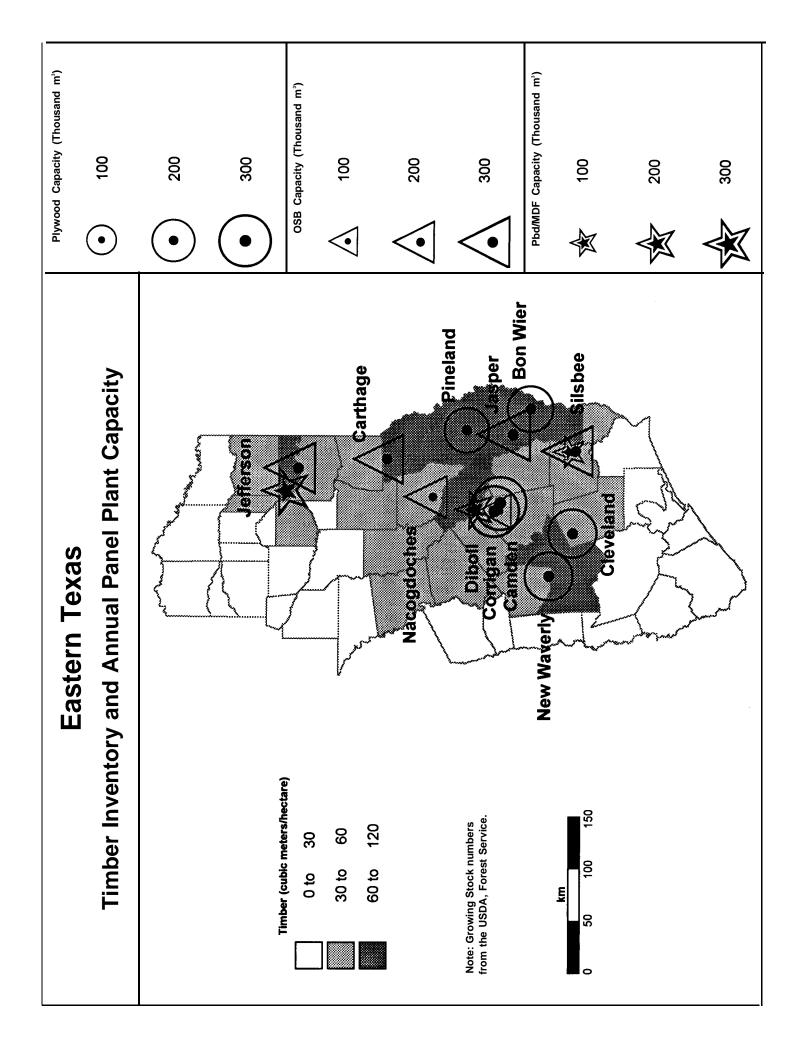
|                               | Voar  | Voor   |      |            | Ċ    | Canacity / Bradination (Theirsand m3) | ation (Thousan |           |  |            |      |      |
|-------------------------------|-------|--------|------|------------|------|---------------------------------------|----------------|-----------|--|------------|------|------|
|                               |       |        |      |            |      | apacity / Frodu                       |                | (TTT DI   |  |            |      |      |
| ompany                        | built | closed | 1965 | 1970       | 1975 | 1980                                  | 1985           | 1990      | 1995   | 1996       | 1997 | 1998 |
| PINE PLYWOOD<br>TOTAL         |       |        |      |            |      |                                       |                |           |  |            |      |      |
| ORIENTED STRANDBOARD<br>TOTAL |       |        |      |            |      |                                       |                |           |  |            |      |      |
| TOTAL PLYWOOD AND OSB         |       |        | 0    | 0          | 0    | 0                                     | 0              | 0         | 0  | 0          | 0    | 0    |
| estvaco                       | AA    | 1969   | 4    |            |      |                                       |                |           |  |            |      |      |
| Mt Jewett Allegheny 196       | 1990  |        |      |            |      |                                       |                | 329       | 329  | 329        | 329  | 329  |
| MEDIUM-DENSITY FIBERBOARD     |       |        |      |            |      |                                       |                |           |  |            |      |      |
|                               | 1995  |        |      |            |      |                                       |                |           | 177  | 177        | 171  | 171  |
| c                             | 1996  |        |      |            |      |                                       |                |           |  | 71         | 171  | 230  |
| TOTAL PARTICLEBOARD AND MDF   | UL.   |        | 4    | 0          | 0    | 0                                     | 0              | 329       | 506  | 577        | 683  | 736  |
| LUMBER PRODUCTION             |       |        | 1256 | 1239       | 1119 | AN                                    | <b>86</b> 6    | 1593      | 2556   | 2438       | AN   | NA   |
| PULPWOOD RECEIPTS             |       |        | ٩N   | ٩V         | AN   | ٩                                     | ٩N             | 3003      | 3062   | AN         | ٩N   | ٩N   |
| TOTAL DRAIN                   |       |        | Ϋ́Ν  | <b>A</b> Z | AN   | ٩N                                    | ٩X             | 4925      | 6124   | AN         | AN   | A    |
| 1995 DRAIN / INVENTORY RATIO  |       |        |      |            |      |                                       |                |           | 600.0  |            |      |      |
|                               |       |        |      |            |      |                                       | TYP            | ICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m³) |      |      |
| Pine sawtimber                |       |        |      |            |      |                                       |                |           |  |            |      |      |
| Standing                      |       |        |      |            |      | AN                                    | AN             | NA        | AN   | AN         | AN   | AN   |
| Delivered                     |       |        |      |            |      | AN                                    | AN             | NA        | AN   | AN         | AN   | AN   |
| Pine pulpwood                 |       |        |      |            |      |                                       |                |           |  |            |      |      |
| Standing                      |       |        |      |            |      | AN                                    | NA             | NA        | AN   | NA         | AN   | AN   |
| Delivered                     |       |        |      |            |      | NA                                    | AA             | AN        | AN   | AN         | NA   | AN   |
| Hardwood pulpwood             |       |        |      |            |      |                                       |                |           |  |            |      |      |
| Standing                      |       |        |      |            |      | NA                                    | AN             | NA        | AN   | AN         | AN   | ٨A   |
| Delivered                     |       |        |      |            |      | NA                                    | NA             | NA        | NA   | AN         | AN   | ٩N   |
|                               |       |        |      |            |      |                                       |                |           |  |            |      |      |



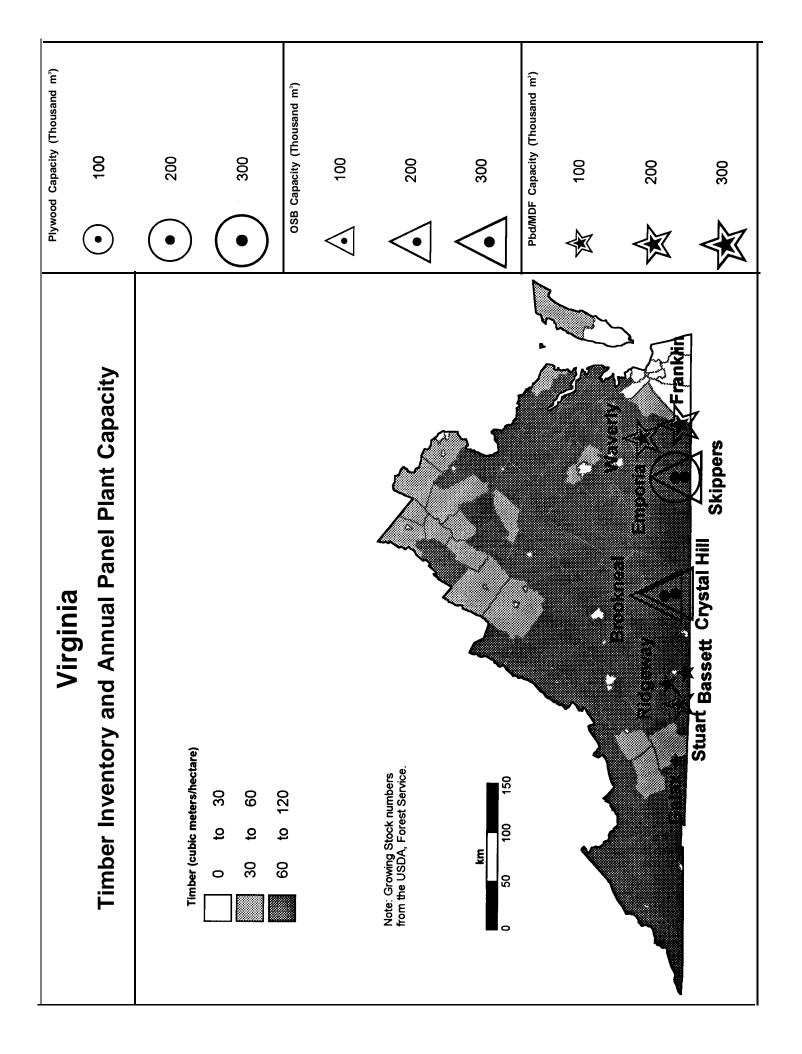
| South Carolina     | ġ                           |            |        |      |      |            |  |                |                     |  |            |        |      |
|--------------------|-----------------------------|------------|--------|------|------|------------|--|----------------|---------------------|--|------------|--------|------|
| :                  | (                           | Year       | Year   |      |      |            | Capacity / Production (Thousand m <sup>3</sup> ) | uction (Thousa | nd m <sup>2</sup> ) |  |            |        |      |
| Location           | Company                     | built      | closed | 1965 | 1970 | 1975       | 1980   | 1985           | 1990                | 1995   | 1996       | 1997   | 1998 |
| PINE PLYWOOD       | 00                          |            |        |      |      |            |  |                |                     |  |            |        |      |
| Russelville        | д-р                         | 1968       |        |      | 119  | 133        | 133  | 199            | 243                 | 243  | 243        | 243    | 243  |
| Holly Hill         | Holly H.                    | 1972       | 1981   |      |      | <b>6</b> 8 | <b>6</b> 8                                       |                |                     |  |            |        |      |
| Newberry           | USPIy>CI                    | 1974       | 1989   |      |      | 133        | 159  | 164            |                     |  |            |        |      |
| Prosperity         | d-0                         | 1975       |        |      |      | 8          | 115  | 124            | 199                 | 218  | 218        | 218    | 218  |
| Chester            | B-C>Willam                  | 1981       |        |      |      |            |  | 137            | 208                 | 232  | 232        | 232    | 232  |
| TOTAL              |                             |            |        |      | 119  | 438        | 496  | 624            | 650                 | 693  | 693        | 693    | 693  |
| <b>ORIENTED S</b>  | ORIENTED STRANDBOARD        |            |        |      |      |            |  |                |                     |  |            |        |      |
| TOTAL              | Ĺ                           |            |        |      |      |            |  |                |                     |  |            |        |      |
| TOTAL PLYW         | TOTAL PLYWOOD AND OSB       |            | L      | 0    | 119  | 438        | 496  | 624            | 650                 | 693  | 693        | 693    | 693  |
| PARTICLEBOARD      | ARD                         |            |        |      |      |            |  |                |                     |  |            |        |      |
| Greenwood          | <u>д,</u>                   | 1970       | 1974   |      | 124  |            |  |                |                     |  |            |        |      |
| Russelville        | с,<br>С                     | 1971       |        |      |      | 168        | 186  | 212            | 8                   | 278  | 278        | 278    | 278  |
| TOTAL              | Ĺ                           |            |        |      |      |            | 186  | 212            | 3                   | 278  | 278        | 278    | 278  |
| MEDIUM-DEN         | MEDIUM-DENSITY FIBERBOARD   | <b>D</b> 2 |        |      |      |            |  |                |                     |  |            |        |      |
| Marion             | Masonite                    | 1974       |        |      |      | 101        | 101  | 101            | 112                 | 133  | 133        | 133    | 133  |
| Holly Hill         | HH>G-P                      | 1975       |        |      |      |            | 110  | 143            | 171                 | 171  | 171        | 171    | 171  |
| Bennetsville       | Willam                      | 1990       |        |      |      |            |  |                | 171                 | 216  | 230        | 257    | 257  |
| TOTAI              | \L                          |            |        |      |      | 101        | 211  | 244            | 466                 | 526  | 540        | 567    | 567  |
| TOTAL PART         | TOTAL PARTICLEBOARD AND MDF | ) MDF      | L      | 0    | 0    | 101        | 396  | 457            | 687                 | 804  | 818        | 845    | 845  |
| LUMBER PRODUCTION  | DUCTION                     |            | ]      | 1610 | 2209 | 2084       | 2169   | 2728           | 3549                | 3122   | 3339       | NA     | NA   |
| PULPWOOD RECEIPTS  | RECEIPTS                    |            |        | 5814 | 7294 | 8677       | 9494   | 10622          | 11536               | 12670  | AN         | AN     | NA   |
| <b>TOTAL DRAIN</b> | 7                           |            |        | 7424 | 9622 | 10421      | 12555  | 14431          | 16422               | 17289  | A          | Ą      | AN   |
| 1005 DPAIN /       | 1885 DRAIN (INVENTORY RATIO | ç          |        |      |      |            |  |                |                     | 0.037  |            |        |      |
|                    |                             | 2          |        |      |      |            |  |                |                     | 0.001  |            |        |      |
|                    |                             |            |        |      |      |            |  | īγī            |                     | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | § per m³)  |        |      |
| Pine sawtimber     | ~                           |            |        |      |      |            |  |                |                     |  |            |        |      |
| Standing           |                             |            |        |      |      |            | 27   | 32             | 34                  | <del>4</del> 8                                   | 20         | 67     | NA   |
| Delivered          |                             |            |        |      |      |            | 37   | <b>4</b>       | 8                   | 73   | 76         | 8<br>8 | NA   |
| Pine pulpwood      |                             |            |        |      |      |            |  |                |                     |  |            |        |      |
| Standing           |                             |            |        |      |      |            | 9  | 7              | 7                   | <del>5</del>                                     | <b>5</b>   | 1      | ٩N   |
| Delivered          |                             |            |        |      |      |            | 17   | 8              | 8                   | 27   | <b>5</b> 2 | 27     | AN   |
| Hardwood pulpwood  | poowc                       |            |        |      |      |            |  |                |                     | ,  |            |        |      |
| Standing           |                             |            |        |      |      |            | -  | - !            | <b>ო</b> -          | 9  | 7          | Ø      | AN   |
| Delivered          |                             |            |        |      |      |            | 12   | 13             | 16                  | 24   | 24         | 25     | ٨A   |
|                    |                             |            |        |      |      |            |  |                |                     |  |            |        |      |



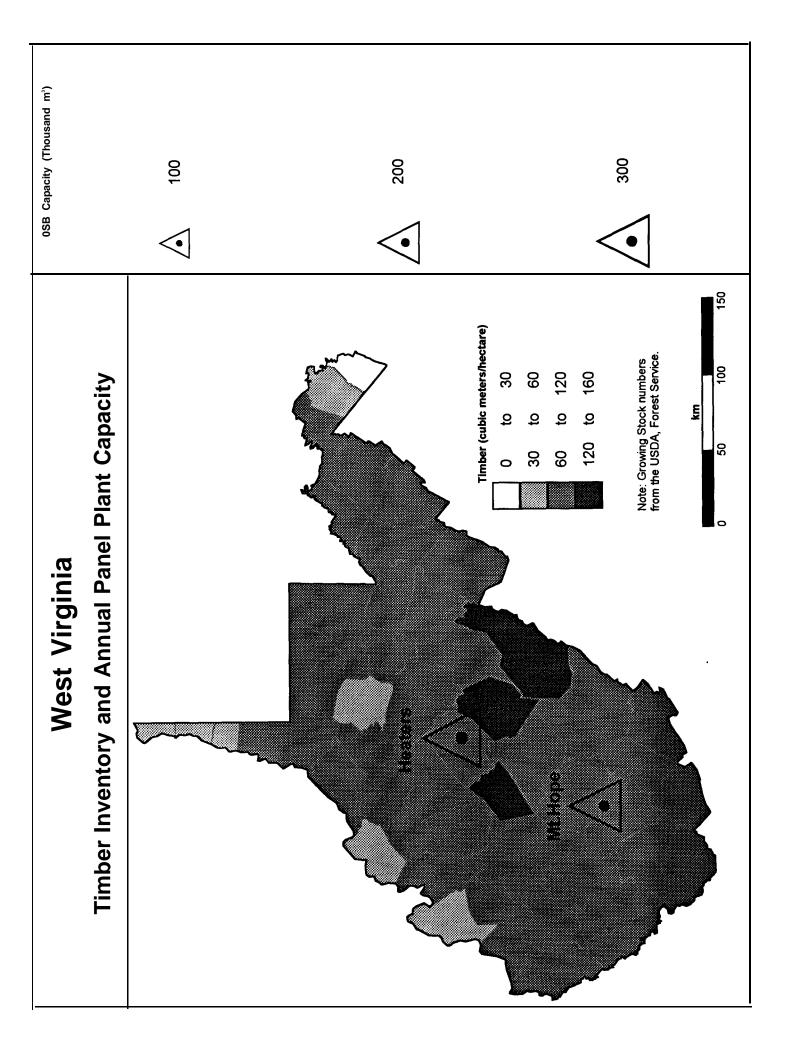
| Tennessee                    |       |        |      |      |      |                 |  |  |               |                         |      |      |
|------------------------------|-------|--------|------|------|------|-----------------|--|--|---------------|-------------------------|------|------|
|                              | Year  | Year   |      |      |      | apacity / Produ | Capacity / Production (Thousand m <sup>3</sup> ) | d m³)  |               |                         |      |      |
| Location Company             | built | closed | 1965 | 1970 | 1975 | 1980            | 1985   | 1990   | 1995          | 1996                    | 1997 | 1998 |
| PINE PLYWOOD<br>TOTAL        |       |        |      |      |      |                 |  |  |               |                         |      |      |
| <b>ORIENTED STRANDBOARD</b>  |       |        |      |      |      |                 |  |  |               |                         |      |      |
| Spring City Huber            | 1997  |        |      |      |      |                 |  |  |               |                         | 336  | 336  |
|                              |       | Ĺ      | 0    | U    | 0    | 0               | c  | c  | C             | C                       | 336  | 336  |
| PARTICLEBOARD                |       |        | •    | 2    | 5    |                 | 5  | 5  | 2             | 5                       | 3    | 3    |
| TOTAL                        |       |        |      |      |      |                 |  |  |               |                         |      |      |
| MEDIUM-DENSITY FIBERBOARD    | ð     |        |      |      |      |                 |  |  |               |                         |      |      |
| TOTAL PARTICLEBOARD AND MDF  | MDF   |        | 0    | 0    | 0    | 0               | 0  | 0  | 0             | 0                       | 0    | 0    |
| LUMBER PRODUCTION            |       | ]      | 1428 | 1291 | 944  | 1463            | 1121   | 1218   | 2171          | 2150                    | NA   | AN   |
| PULPWOOD RECEIPTS            |       |        | 919  | 1254 | 1642 | 2731            | 2740   | 3160   | 3894          | AN                      | NA   | NA   |
| TOTAL DRAIN                  |       |        | 2347 | 2544 | 2586 | 4194            | 3861   | 4378   | 6065          | ٩                       | AN   | AN   |
| 1995 DRAIN / INVENTORY RATIO | 01    |        |      |      |      |                 |  |  | 0.013         |                         |      |      |
|                              |       |        |      |      |      |                 |  | j  |               |                         |      |      |
|                              |       |        |      |      |      |                 | ЧYT  | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | COSTS (U.S. 3 | \$ per m <sup>3</sup> ) |      |      |
| Pine sawtimber               |       |        |      |      |      |                 |  |  |               |                         |      |      |
| Standing                     |       |        |      |      |      | AN              | AN   | AN   | AN            | AN                      | NA   | NA   |
| Delivered                    |       |        |      |      |      | NA              | AN   | NA   | NA            | NA                      | AN   | AN   |
| Pine pulpwood                |       |        |      |      |      |                 |  |  |               |                         |      |      |
| Standing                     |       |        |      |      |      | AN              | AN   | NA   | AN            | AN                      | NA   | NA   |
| Delivered                    |       |        |      |      |      | NA              | NA   | AN   | ٩N            | AN                      | AN   | NA   |
| Hardwood pulpwood            |       |        |      |      |      |                 |  |  |               |                         |      |      |
| Standing                     |       |        |      |      |      | AN              | AN   | NA   | AN            | NA                      | NA   | NA   |
| Delivered                    |       |        |      |      |      | NA              | AN   | NA   | AN            | NA                      | NA   | NA   |
|                              |       |        |      |      |      |                 |  |  |               |                         |      |      |



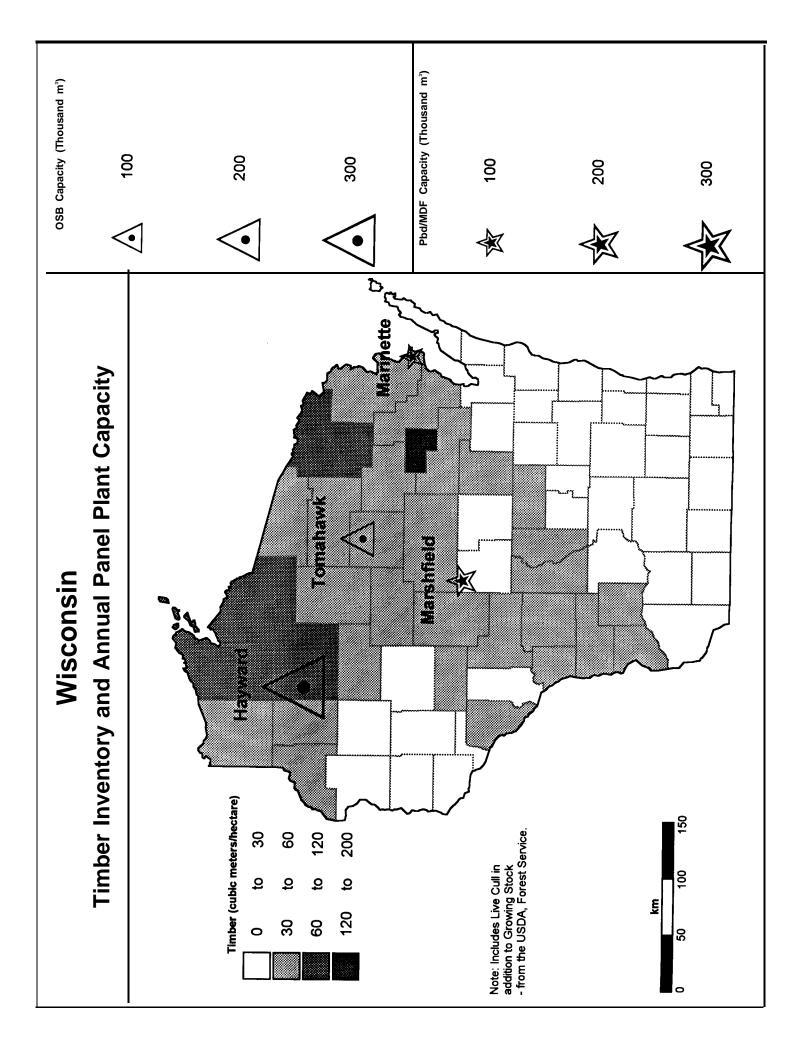
| Texas                     |                              | Year  | Year   |      |      |            | Cap        | acity / Product | Capacity / Production (Thousand m <sup>2</sup> ) | (sm         |          |      |      |
|---------------------------|------------------------------|-------|--------|------|------|------------|------------|-----------------|--|-------------|----------|------|------|
| I ocation                 | Company                      |       |        | 1065 | 1070 | 1075       | 1080       | 1045            | 1000   | 1005        | 1006     | 1007 | 1008 |
| PINE PLYWOOD              |                              |       | Closed | 8    | 26   | 0.00       | 2021       | 36              | Deel   | 0001        | Deel     | 1001 | 0001 |
| Diboll                    | SPPCo>TE                     | 1964  | 1985   | 62   | 62   | 106        | 106        | 4               |  |             |          |      |      |
| Silsbee                   | Kirby                        | 1964  | 1985   | 32   | 53   | 106        | 133        | 142             |  |             |          |      |      |
| Lufkin / Keltys           | Angel>L-P                    | 1965  | 1998   | 4    | 2    | 8          | <b>6</b> 8 | 137             | 168  | 155         | 155      | 155  |      |
| Nacogdoch                 | <u>а</u> .                   | 1969  | 1979   |      | 68   | <b>6</b> 8 |            |                 |  |             |          |      |      |
| New Waver                 | G-P>L-P                      | 1971  |        |      |      | 177        | 186        | 199             | 266  | <b>2</b> 66 | 266      | 266  | 266  |
| Jasper                    | 0-1<-D                       | 1971  | 1996   |      |      | 80         | 124        | 133             | 133  | 133         | 62       |      |      |
| Corrigan                  | G-P>CI                       | 1972  |        |      |      | 168        | 171        | 204             | 264<br>264                                       | 292         | 292      | 292  | 292  |
| Pineland                  | Temple                       | 1974  |        |      |      | 106        | 137        | 173             | 171  | 21          | 235      | 235  | 235  |
| Bon Wier                  | Kirby>LP                     | 1975  |        |      |      | 142        | 190        | 208             | 243  | 243         | 243      | 243  | 243  |
| Camden                    | Champ. Int.                  | 1979  |        |      |      |            | 204        | 252             | 279  | 310         | 310      | 319  | 319  |
| Cleveland                 | Kirby>LP                     | 1980  |        |      |      |            | 159        | 248             | 266  | 230         | 199      | 266  | 266  |
| TOTAL                     |                              |       |        | 138  | 267  | 1046       | 1505       | 1739            | 1795   | 1850        | 1762     | 1776 | 1621 |
| <b>ORIENTED S</b>         | <b>ORIENTED STRANDBOARD</b>  |       |        |      |      |            |            |                 |  |             |          |      |      |
| Corrigan                  | с<br>Ъ                       | 1983  |        |      |      |            |            | 124             | 124  | 133         | 133      | 133  | 133  |
| Nacogdoch                 | <u>а</u> -                   | 1987  |        |      |      |            |            |                 | 168  | 212         | 212      | 212  | 212  |
| New Waverly               | <b>г-</b> Р                  | 1987  | 1996   |      |      |            |            |                 | 8  | 4           | 4        |      |      |
| Silsbee                   | г<br>Р                       | 1991  |        |      |      |            |            |                 |  | 301         | 301      | 301  | 301  |
| Jefferson                 | ᠳ                            | 1996  |        |      |      |            |            |                 |  |             | 310      | 310  | 310  |
| Jasper                    | L-P                          | 1996  |        |      |      |            |            |                 |  |             | 18       | 332  | 332  |
| Carthage                  | ц<br>Г                       | 1997  |        |      |      |            |            |                 |  |             |          | 171  | 292  |
| TOTAL                     | Ļ                            |       |        |      |      |            |            | 124             | 372  | 690         | 1018     | 1465 | 1580 |
| TOTAL PLYW                | TOTAL PLYWOOD AND OSB        |       |        | 138  | 267  | 1046       | 1505       | 1863            | 2166   | 2540        | 2780     | 3241 | 3201 |
| PARTICLEBOARD             | ARD                          |       |        |      |      |            |            |                 |  |             |          |      |      |
| Jacksonville              | Wynnewood                    | AN    | 1976   | 7    | 7    | 32         |            |                 |  |             |          |      |      |
| Silsbee                   | Evans Pr                     | 1967  | 1971   |      | 127  | Ę          | ļ          | ļ               | 10,  |             | Ų        | ļ    |      |
| Corrigan                  | lemple In.                   | 19/1  | 1078   |      |      | 1//        | 771        | 181             | 22   | 22          | 8        | 5    | 5    |
| Silshee                   | Kirbv>L-P                    | 1974  | 0      |      |      | 124        | 127        | 127             | 124  | 147         | 147      | 147  | 147  |
| Jefferson                 |                              | 1997  |        |      |      | ļ          | į          | i               |  | 4           | -        | 301  | 108  |
| TOTAL                     |                              |       |        |      |      | 492        | 304        | 308             | 319  | 336         | 336      | - 82 | 100  |
| MEDIUM-DEN                | MEDIUM-DENSITY FIBERBOARD    | RD    |        |      |      | •          | }          | •               | 2  |             | }        | }    | 3    |
| TOTAL                     | Ļ                            |       |        |      |      |            |            |                 |  |             |          |      |      |
| TOTAL PART                | TOTAL PARTICLEBOARD AND MDF  | D MDF | L      | 21   | 149  | 492        | 304        | 308             | 319  | 336         | 336      | 638  | 638  |
| LUMBER PRODUCTION         | DUCTION                      |       | ]      | 1997 | 2202 | 1888       | 1893       | 2433            | 2712   | 3788        | 3488     | NA   | AN   |
| PULPWOOD RECEIPTS         | RECEIPTS                     |       |        | 3688 | 6447 | 8014       | 9270       | 9138            | 9493   | 11323       | NA       | NA   | ٩N   |
| TOTAL DRAIN               | -                            |       |        | 5844 | 3065 | 11440      | 12972      | 13742           | 14690  | 17988       | AN       | NA   | AN   |
| 1995 DRAIN /              | 1995 DRAIN / INVENTORY RATIO | TIO   |        |      |      |            |            |                 |  | 0.050       |          |      |      |
|                           |                              |       |        |      |      |            |            | Ň               |  |             | C nor m3 |      |      |
| Dine cautimber            |                              |       |        |      |      |            |            | -               |  |             |          |      |      |
| rine sawurube<br>Standing | _                            |       |        |      |      |            | R          | 25              | 27   | 67          | 57       | 67   | NA   |
| Delivered                 |                              |       |        |      |      |            | 34         | 3 8             | i 8  | 5 6         | 5 8      | 5 8  |      |
| Pine pulpwood             |                              |       |        |      |      |            | 2          | 3               | 3  | 5           | C.       | 3    | ŝ    |
| Standing                  |                              |       |        |      |      |            | 4          | 7               | 9  | 6           | σ        | 1    | AN   |
| Delivered                 |                              |       |        |      |      |            | 18         | 21              | 3,5  | у қ         | 52 ¢     | 28   | AN   |
| Hardwood pulpwood         | poow                         |       |        |      |      |            |            |                 |  |             |          |      |      |
| Standing                  |                              |       |        |      |      |            | -          | ۲               | ო  | <b>60</b>   | ŝ        | 80   | NA   |
| Delivered                 |                              |       |        |      |      | ;          | 15         | 15              | 8  | ន           | ន        | 27   | NA   |
|                           |                              |       |        |      |      |            |            |                 |  |             |          |      |      |



| Virginia                     | Vaar  | Voar   |             |      |          | Provin / Drod | Canacity / Broduction (Thousand m3) | nd m3)     |  |                         |            |             |
|------------------------------|-------|--------|-------------|------|----------|---------------|-------------------------------------|------------|--|-------------------------|------------|-------------|
| Location Company             | built | closed | 1965        | 1970 | 1975     | 1980          | 1985                                | 1990       | 1995   | 1996                    | 1997       | 1998        |
| PINE PLYWOOD                 |       |        |             |      |          |               |                                     |            |  |                         |            |             |
| Emporia G-P                  | 1966  |        |             | 133  | 142      | 142           | 23                                  | 261        | 281  | 281                     | 281        | 281         |
| TOTAL                        |       |        |             | 133  | 142      | 142           | 27                                  | 261        | 281  | 281                     | 281        | 281         |
| <b>ORIENTED STRANDBOARD</b>  |       |        |             |      |          |               |                                     |            |  |                         |            |             |
| Skippers G-P                 | 1985  |        |             |      |          |               | 21                                  | 248        | 309  | <b>30</b> 8             | <b>309</b> | <b>60</b> 6 |
| Dungannon L-P                | 1986  |        |             |      |          |               |                                     | 106        | 111  | 111                     |            |             |
| Crystal Hill Huber           | 1995  |        |             |      |          |               |                                     |            | 23   | 301                     | 301        | 301         |
| Brookneal G-P                | 1995  |        |             |      |          |               |                                     |            | 319  | 319                     | 319        | 319         |
| TOTAL                        |       |        |             |      |          |               | 21                                  | 354        | 096  | 1039                    | 928        | 929         |
| TOTAL PLYWOOD AND OSB        |       |        | 0           | 133  | 142      | 142           | 443                                 | 615        | 1241   | 1320                    | 1210       | 1210        |
| EBOAI                        |       |        | ł           | ł    |          | :             | ļ                                   |            |  |                         |            |             |
| c                            | AN    | 1996   | S           | S    | 113      | 149           | 177                                 | 191        | 198  | 198                     |            |             |
|                              | NA    |        | <u>1</u> 06 | 106  | 142      | 172           | 170                                 | 182        | 184  | 184                     | 184        | 184         |
| Franklin Union Camp          | 1972  |        |             |      | 124      | 142           | 150                                 | 159        | 23   | ង                       | 221        | 221         |
| Stuart Stuart >I-P           | 1973  |        |             |      | 106      | 97            | 97                                  | 138        | 127  | 127                     | 127        | 127         |
| Galax Webb                   | 1985  |        |             |      |          |               | 32                                  | 27         | 28   | 28                      | 28         | 28          |
| Ridgeway Triwood Inc.        | 1985  |        |             |      |          |               | 35                                  | 35         | 35   | 35                      | 35         | 35          |
| TOTAL                        |       |        | 159         | 159  | 485      | 559           | 662                                 | 733        | 794  | 794                     | 595        | 595         |
| MEDIUM-DENSITY FIBERBOARD    |       |        |             |      |          |               |                                     |            |  |                         |            |             |
| Bassett Bassett              | 1969  |        |             | 35   | 90<br>90 | 90<br>9       | 9 <del>0</del>                      | 37         | 37   | 37                      | 37         | 37          |
| TOTAL                        |       |        |             | 35   | ဓ        | 90<br>90      | ဓိ                                  | 37         | 37   | 37                      | 37         | 37          |
| TOTAL PARTICLEBOARD AND MDF  | OMDF  | L      | 159         | 195  | 524      | 598           | 701                                 | 0//        | 831  | 831                     | 632        | 632         |
| LUMBER PRODUCTION            |       | J      | 2679        | 2542 | 2046     | AN            | 1973                                | 2872       | 3066   | 2969                    | NA         | AN          |
| PULPWOOD RECEIPTS            |       |        | 5350        | 5310 | 5163     | 6667          | 7816                                | 8059       | 8206   | AN                      | NA         | AN          |
| TOTAL DRAIN                  |       |        | 8187        | 8180 | 7874     | AA            | 10933                               | 12316      | 13344  | NA                      | NA         | NA          |
| 1995 DRAIN / INVENTORY RATIO | TIO   |        |             |      |          |               |                                     |            | 0.018  |                         |            |             |
|                              |       |        |             |      |          |               | λ                                   | PICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>2</sup> ) | \$ per m <sup>3</sup> ) |            |             |
| Pine sawtimber               |       |        |             |      |          |               |                                     |            |  |                         |            |             |
| Standing                     |       |        |             |      |          | 15            | 2                                   | ន          | 4  | <b>%</b>                | 4          | ٩N          |
| Delivered                    |       |        |             |      |          | <b>6</b> 2    | र्ष्ट                               | 99<br>99   | 62   | 57                      | 8          | ٩N          |
| Pine pulpwood                |       |        |             |      |          |               |                                     |            |  |                         |            |             |
| Standing                     |       |        |             |      |          | 4             | S                                   | 5          | 5  | 7                       | 80         | ٨A          |
| Delivered                    |       |        |             |      |          | 15            | 18                                  | 19         | <b>7</b> 9                                       | 25                      | 24         | NA          |
| Hardwood pulpwood            |       |        |             |      |          |               |                                     | 1          |  |                         |            |             |
| Standing                     |       |        |             |      |          | - ç           | - ;                                 | Чļ         | ი ე  | ი :<br>ე                | ຕ :        | A S         |
| Delivered                    |       |        |             |      |          | 12            | 13                                  | 15         | ß  | 24                      | 26         | AN          |



| Company built closed 1965 15<br>AL<br>STRANDBOARD<br>G-P 1996<br>AL<br>Weyerhaeus 1996<br>AL<br>WOOD AND OSB<br>OARD<br>OARD<br>OARD<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>AL<br>NOOD AND OSB<br>OARD<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>AL<br>NA<br>A<br>A<br>AL<br>NA<br>A<br>A<br>A  |         | ບຶ   | pacity / Production | Capacity / Production (Thousand m <sup>3</sup> ) | d m³)     |  |            |          |      |
|--|---------|------|---------------------|--|-----------|--|------------|----------|------|
| WDBOARD<br>PP 1985<br>Veyerhaeus 1986<br>Veyerhaeus 1986<br>D AND OSB<br>D AND OSB<br>D AND OSB<br>D AND OSB<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTION<br>CTIO | 65 1970 | 1975 | 1980                | 1985   | 1990      | 1995   | 1996       | 1997     | 1998 |
|  |         |      |                     |  |           |  |            |          |      |
|  |         |      |                     |  |           |  |            |          |      |
|  |         |      |                     |  |           | 183  | 314        | 314      | 314  |
|  |         |      |                     |  |           |  | 168        | 398<br>3 | ළී   |
|  |         |      |                     |  |           | 183  | 482        | 712      | 712  |
|  | 0       | 0    | 0                   | 0  | 0         | 183  | 482        | 712      | 712  |
|  |         |      |                     |  |           |  |            |          |      |
| SOARD AND MDF 0 1071 10<br>TION 1071 10<br>IPTS NATIO  |         |      |                     |  |           |  |            |          |      |
| SOARD AND MDF 0 1071 10<br>TION NA<br>IPTS NA<br>NTORY RATIO   |         |      |                     |  |           |  |            |          |      |
| TION 1071 10<br>NA NA NA NA NTORY RATIO  | 0       | 0    | 0                   | 0  | 0         | 0  | 0          | 0        | 0    |
| IPTS NA NA NTORY RATIO   | 10      | 890  | NA                  | AN   | 1500      | 1652   | 1541       | AN       | A    |
| NTORY RATIO  | NA NA   | NA   | NA                  | NA   | 0         | 0  | NA         | AN       | AN   |
| 1995 DRAIN / INVENTORY RATIO<br>Prine sawtimber<br>Standing<br>Delivered<br>Prine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood   |         | ٩v   | AN                  | AN   | 1500      | 1835   | AN         | AN       | AN   |
| Prine sawtimber<br>Standing<br>Delivered<br>Prine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood   |         |      |                     |  |           | 0.003  |            |          |      |
| Pine sawtimber<br>Standing<br>Delivered<br>Pine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood   |         |      |                     | TYP  | ICAL WOOD | TYPICAL WOOD COSTS (U.S. \$ per m <sup>3</sup> ) | \$ per m³) |          |      |
| Standing<br>Delivered<br>Pine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood   |         |      |                     |  |           |  |            |          |      |
| Delivered<br>Pine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood   |         |      | AN                  | AN   | NA        | NA   | NA         | NA       | NA   |
| Pine pulpwood<br>Standing<br>Delivered<br>Hardwood pulpwood  |         |      | AN                  | ٩N   | AN        | AN   | AN         | AN       | AN   |
| Standing<br>Delivered<br>Hardwood pulpwood   |         |      |                     |  |           |  |            |          |      |
| Delivered<br>Hardwood pulpwood   |         |      | NA                  | AN   | AN        | ٩N   | NA         | NA       | AN   |
| Hardwood pulpwood  |         |      | AN                  | AN   | AN        | AN   | NA         | NA       | AN   |
|  |         |      |                     |  |           |  |            |          |      |
| Standing   |         |      | AN                  | AN   | NA        | AN   | NA         | A        | ٨A   |
| Delivered  |         |      | AA                  | AN   | NA        | AN   | NA         | NA       | AN   |



|                              | Year | Year   |      |      |      | Capacity / Production /Thousand | intion (Thousa    | 10-10                     |                  |            |      |          |
|------------------------------|------|--------|------|------|------|---------------------------------|-------------------|---------------------------|------------------|------------|------|----------|
| Location Company             | buit | closed | 1965 | 1970 | 1075 | apacity / FIGU                  | Include ( 1 House | ()                        |                  |            |      |          |
| PINE PLYWOOD                 |      |        | 200  | 212  | 0121 | 200                             | 1965              | 1990                      | 1995             | 1996       | 1997 | 1998     |
| TOTAL                        |      |        |      |      |      |                                 |                   |                           |                  |            |      |          |
| <b>ORIENTED STRANDBOARD</b>  |      |        |      |      |      |                                 |                   |                           |                  |            |      |          |
| Hayward L-P                  | 1978 |        |      |      |      | 1                               |                   |                           |                  |            |      |          |
| Hayward L-P                  | 1987 |        |      |      |      | <b>C</b> [[                     | 142               | <b>5</b> 6                | 212              | 8          | 3    | 231      |
| Tomahawk L-P                 | 1993 |        |      |      |      |                                 | 142               | 20<br>20                  | 212              | 8          | 2    | 8        |
| TOTAL                        |      |        |      |      |      |                                 |                   |                           | 133              | 133        | 133  | 133      |
| TOTAL PLYWOOD AND OSB        |      |        | c    |      | d    | 115                             | 283               | 407                       | 558              | 575        | 575  | 575      |
| PARTICLEBOARD                |      |        | >    | 5    | 5    | C11                             | 283               | 407                       | 558              | 575        | 575  | 575      |
| Marinette Rodman             | AN   |        | 27   | 42   | 4    | 4                               | 63                | 76                        | 76               | ų<br>F     |      |          |
| Marshiled Weyemae            | 1967 |        |      | 67   | 110  | 117                             | 1 1 1             |                           | 2 2              | 0/         | ٩/   | 9/       |
| TOTAL                        |      |        | 27   | 110  | 152  | 161                             | 51 F              | 4<br>25<br>25             | 124              | 124        | 124  | 124      |
| MEDIUM-DENSITY FIBERBOARD    | Q    |        |      | I    | !    | 2                               | 2                 | <b>7</b> 07               | N <sub>N</sub>   | 200        | 20   | 50<br>20 |
| TOTAL                        |      |        |      |      |      |                                 |                   |                           |                  |            |      |          |
|                              | MDF  |        | 27   | 110  | 152  | 161                             | 175               | 200                       | S. C.            | Sec.       | 500  | 000      |
|                              |      |        | 706  | 675  | 873  | AN                              | 878               | 1230                      | 1404             | 4460       | 3    | Ş        |
|                              |      |        | NA   | AN   | AN   | NA                              | AN<br>A           | 6577                      | - 494<br>6 4 E E | 9 <u>7</u> | AN   | AN       |
| I O I AL DRAIN               |      |        | AN   | AN   | AN   | NA                              | AN                | 0021                      | 0040             | AN         | ¥    | AN       |
|                              |      | ]      |      |      |      |                                 |                   | 03/3                      | 8/0/             | NA         | A    | AN       |
| 1995 DRAIN / INVENTORY RATIO | 0    |        |      |      |      |                                 |                   |                           | 0.017            |            |      |          |
|                              |      |        |      |      |      |                                 |                   |                           |                  |            |      |          |
| Pine sawtimber               |      |        |      |      |      |                                 | 12-               | I TPICAL WOOD COSTS (U.S. |                  | \$ per m³) |      |          |
| Standing                     |      |        |      |      |      | NA                              | ΝA                | NA                        |                  |            |      |          |
| Delivered                    |      |        |      |      |      | AN                              | Ą                 | AN N                      | A N              | AN         | A N  | ¥ i      |
| standing                     |      |        |      |      |      |                                 |                   |                           |                  |            |      | AN       |
| Delivered                    |      |        |      |      |      | ٩N                              | ٩N                | AN                        | NA               | AN         | NA   | NA       |
| Aspen pulpwood               |      |        |      |      |      | NA                              | ٩N                | AN                        | NA               | NA         | AN   | AN       |
| Standing                     |      |        |      |      |      | ſ                               | c                 | (                         |                  |            |      |          |
| Delivered                    |      |        |      |      |      | 4                               | οi                | n                         | æ                | æ          | ٩N   | ٩N       |
|                              |      |        |      |      |      | 14                              | 17                | 18                        | <b>5</b> 8       | ĸ          | NA   | NA       |
|                              |      |        |      |      |      |                                 |                   |                           |                  |            |      |          |

Wisconsin