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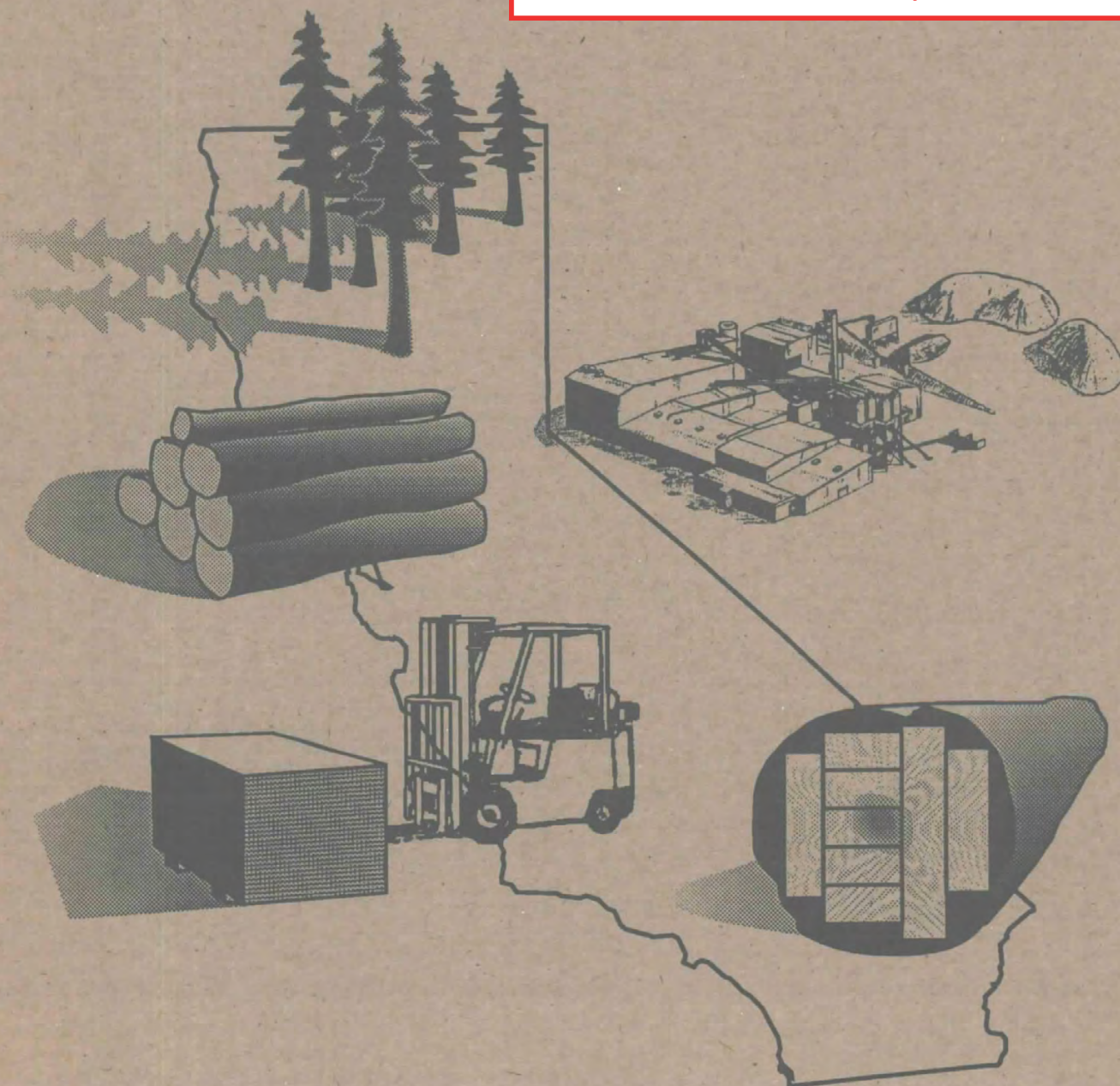
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# California's Forest Products Industry: 1992

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## Abstract

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This report presents the findings of a survey of primary forest products industries in California for 1992. The survey included the following sectors: lumber; pulp and board; shake and shingle; export; and post, pole, and piling. Veneer and plywood mills are not included because they could not be presented without disclosing critical details. Tables, presented by sector and for the industry as a whole, include characteristics of the industry, nature and flow of logs consumed, and disposition of mill residues.

Keywords: Forest products industry, mill surveys, wood utilization, mill residues, California.

## Summary

This report presents the results of a survey of the primary wood-processing industry in California for 1992. Data for the surveys were obtained from a mail and telephone canvass in 1994 of all primary wood-processing firms in the State. Industry contacts for the survey were based on lists from previous surveys, various directories of the forest products industry, and information passed on by individual millowners. A similar survey was produced in 1968 in cooperation with the California State Department of Forestry; and by the Pacific Northwest Research Station in 1972, 1976, 1982, 1985, and 1988. This survey identifies the raw material inputs and characteristics of the forest products industry. Data are shown separately for the following industries: lumber; pulp and board; shake and shingle; post, pole, and piling; and export. Veneer and plywood mills are not included this time because possible disclosure of critical information would occur.

The survey identifies 71 separate operations that used a total of about 2.2 billion board feet of logs in 1992 for those mills responding to the survey. The lumber sector was the major consumer at about 99 percent. In addition, the pulp and board industry used about 1.3 million tons of wood fiber, 65 percent of it in the form of mill residues. The industry as a whole generated about 4.1 million tons of residual materials, of which less than 1 percent was not used. Data for log consumption and product output are actual figures reported by the mills. Subsequent classification of these data (that is, by species, owner, origin, degree of manufacturing, and other criteria) is based on percentage distributions provided by the mills and may not agree precisely with other published figures. Statistics on mill residues are based on average factors applied to product output; thus, they may differ from actual volumes for a given mill.

There were at least 12 sawmills, one shake and shingle mill, and three post, pole, and piling operations that declined to participate in the survey. Information collected from each participating mill is assumed to be the best available, and whenever possible, the information came from formal records. Some information had to be estimated, however. Information for individual mills is strictly confidential, and any information that could reveal critical details of an individual operation has been combined with other data to avoid disclosure.

## Highlights

Total number of mills in 1992 was 90:<sup>1</sup>

### Industry Characteristics

| <u>Type of mill</u>    | <u>Number</u> |
|------------------------|---------------|
| Sawmills               | 68            |
| Veneer and plywood     | 3             |
| Pulp                   | 3             |
| Board                  | 6             |
| Shake and shingle      | 4             |
| Log export             | 1             |
| Post, pole, and piling | 5             |

- Humboldt County led all others with 16 mills, or 23 percent of the total for the State.
- Sawmill log consumption was greatest in the North Coast Resource Area with 43 percent.

### Wood Consumption

- A total of about 2,230 million board feet of logs was consumed.
- Pulp and board industry consumed about 1.3 million tons of mill residues and offsite roundwood chips.

Leading counties in roundwood consumption were:

| <u>County</u>             | <u>Million board feet</u> |
|---------------------------|---------------------------|
| Del Norte and Humboldt    | 639                       |
| Mendocino                 | 259                       |
| Lassen, Modoc, and Shasta | 244                       |
| Siskiyou and Trinity      | 147                       |

- About 68 percent of the logs were from trees younger than 100 years.
- Private lands were the source for 70 percent of the log consumption; forest industry provided 78 percent of the logs from private lands.
- Public lands provided 29 percent of the log consumption; National Forests provided 93 percent of logs from public land.

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<sup>1</sup> The number of mills in this listing show mills operating in 1992. Not all mills participated in the survey; therefore, other data shown in the summary, introduction, and in tables 1 through 49 in appendix 2 are based on mills that responded to the survey.

Log consumption by industry was:

| <u>Industry</u>        | <u>Percent</u> |
|------------------------|----------------|
| Sawmills               | 99.3           |
| Log export             | .3             |
| Pulp and board         | 0              |
| Post, pole, and piling | .3             |
| Shake and shingle      | <.1            |

### Mill Residues

A total of almost 7.3 million tons of residues was generated:

| <u>Type of mill</u>    | <u>Dry weight of residue</u><br><i>Tons</i> |
|------------------------|---------------------------------------------|
| Sawmills               | 4,140,398                                   |
| Post, pole, and piling | 2,141                                       |
| Shake and shingle      | 385                                         |

- Seventy-eight percent of the residue was wood, 22 percent was bark.
- More than 99 percent of the wood and bark residue was used.
- About 40 percent of wood residue went to pulp and board industries; 51 percent was used for fuel.
- About 83 percent of bark was used for fuel; 16 percent was used for miscellaneous purposes.

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## Introduction

The forest products industry of California has been a major factor in the supply of wood products for the State and the Nation. The industries in California and Nevada combined rank third in the Nation in lumber output, thereby accounting for 10 percent of lumber production (Western Wood Products Association 1994). The forest products industry also produced significant quantities of particle board and hardboard.

The forest products industry contributes significantly to the State's economy. The activities of this industry translate into jobs, payroll, tax contributions, and the purchases of services and materials. The viability of the industry has even more significance to many small communities. In some towns, the local mill<sup>1</sup> may be the only employer outside of the service industry.

Employment in 1992 for California and Nevada lumber and wood products industries, except furniture, was 48,600. When logging, sawmills, planing mills, millwork, plywood and related products are added, employment was 83,000 (Western Wood Products Association 1994). Between 1985 and 1988, the number of mills operating in the California increased about 3 percent (120 to 124). From 1988 to 1992, the total number of mills declined to 90.

Changes continue to occur in the forest products industry in California, much as they have over the past four decades. Fewer but more diversified mills result in more efficient and complete use of the timber resource. For this reason, up-to-date information on the forest industry is vital. Decisionmakers and planners, both within and outside the industry, need to know how the industry is changing and how the resource is being used. This report provides much of this information and an indepth look at the forest products industry in California during 1992. Coupled with similar reports for 1968 (Barrette and others 1968), 1972 (Howard 1974), 1976 (Hiserote and Howard 1978), 1982 (Howard 1984), 1985 (Howard and Ward 1986), and 1988 (Howard and Ward 1991), this information provides a basis for examining significant trends in industry characteristics and timber use.

The following information for log consumption and lumber production by resource area is provided because several mills were not included in the survey.

The percentages indicate the log consumption included in the tables in appendix 2 as compared to the given log consumption plus estimated log consumption for those mill not included in the survey. The data were estimated by using information from the Directory of Wood Products Industry (1994) and from the 1988 survey (Howard and Ward 1991). At least 12 sawmills, one shake and shingle mill, and three post, pole, and piling operations declined to participate in the survey.

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<sup>1</sup> See "Glossary" for definition of terms used in this report.

| <u>Resource area</u>          | <u>Log consumption</u><br><i>Percent</i> |
|-------------------------------|------------------------------------------|
| North Coast and Central Coast | 65                                       |
| Northern Interior             | 73                                       |
| Sacramento                    | 77                                       |
| San Joaquin                   | 68                                       |

The forest industry, as the term is used in this study, refers to five primary wood-processing industries: sawmills; pulp and board; shake and shingle; post, pole, and piling; and export (logs only).

California has been divided into two timber-producing regions--coastal and interior (fig. 1). The coastal region consists of the counties west of the crest of the Coast Range, from Monterey County to the Oregon border. This region contains all the coastal redwood (*Sequoia sempervirens* (D. Don) Endl.) forests and extensive stands of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco). Within this region are two resource areas (North Coast and Central Coast), defined by the nature of their timber resource and timber-trading patterns. The North Coast accounts for the greatest volume of log consumption in the State, and is the center for redwood and Douglas-fir processing (fig. 2). The forest industry of the Central Coast is not nearly as significant, having limited timber resources.

The importance of the forest industry and resource decreases from north to south. The Northern Interior, Sacramento, and San Joaquin areas are major timber producers and support a significant industry. Size of the forest industry in the southern California areas is very limited and supported by a small timber resource base.



Figure 1--Resource areas for 1988 California forest products industry survey.

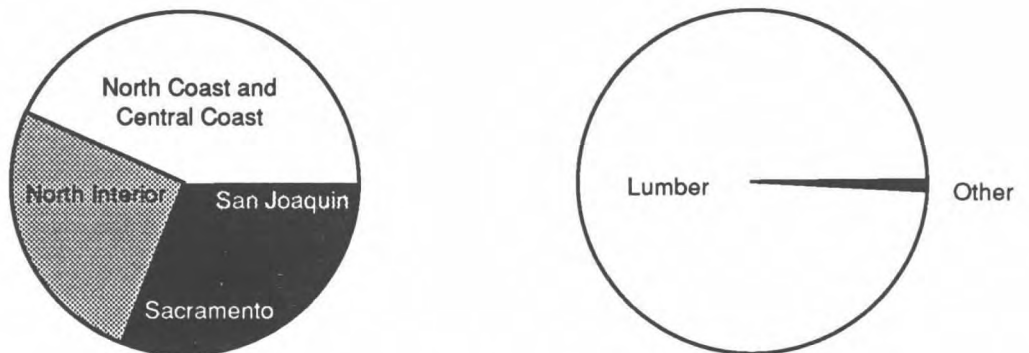


Figure 2—Distribution of log consumption by resource areas and industry, California 1992.

## Comparison with Previous Surveys

Figures 3 to 8 indicate some trends in California's forest products industry. The With tabulation shows the number of mills by industry over time. These data are taken from this report and from those developed in the 1968, 1972, 1976, 1982, 1985, and 1988 surveys.

| Industry               | Number of mills by year <sup>2</sup> |      |      |      |      |      |      |
|------------------------|--------------------------------------|------|------|------|------|------|------|
|                        | 1968                                 | 1972 | 1976 | 1982 | 1985 | 1988 | 1992 |
| Sawmills               | 216                                  | 176  | 142  | 101  | 89   | 93   | 56   |
| Veneer and plywood     | 26                                   | 25   | 21   | 10   | 6    | 6    | 3    |
| Pulp and board         | 17                                   | 181  | 7    | 10   | 11   | 11   | 9    |
| Shake and shingle      | 3                                    | 7    | 7    | 4    | 3    | 4    | 3    |
| Post, pile, and piling | <sup>3</sup>                         | 6    | 6    | 5    | 6    | 5    | 2    |
| Log export             | 13                                   | 6    | 7    | 4    | 5    | 5    | 1    |
| Total                  | 275                                  | 238  | 200  | 134  | 120  | 124  | 71   |

<sup>2</sup> The post, pole, and piling category was not included in the 1968 survey

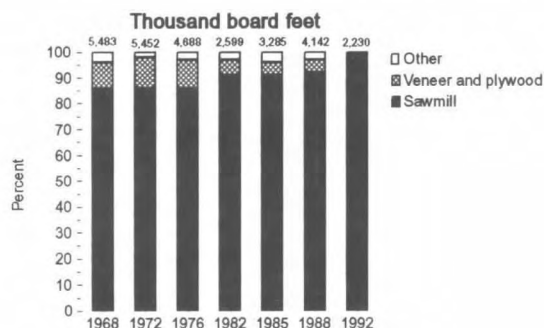


Figure 3--Log consumption by industry.  
Does not include veneer and plywood industry for 1992

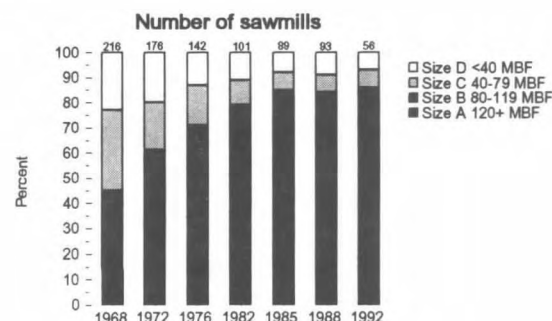


Figure 4--Sawmills by size class.

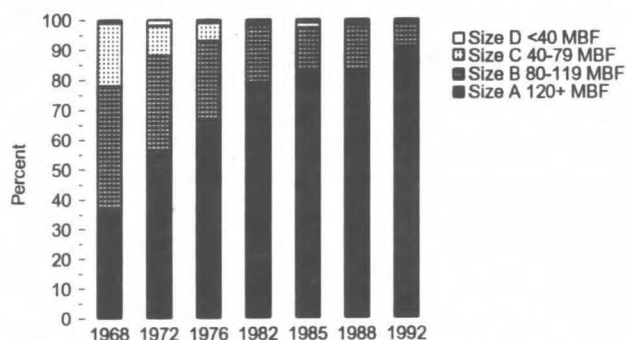


Figure 5--Percentage of log consumption by sawmill size class.

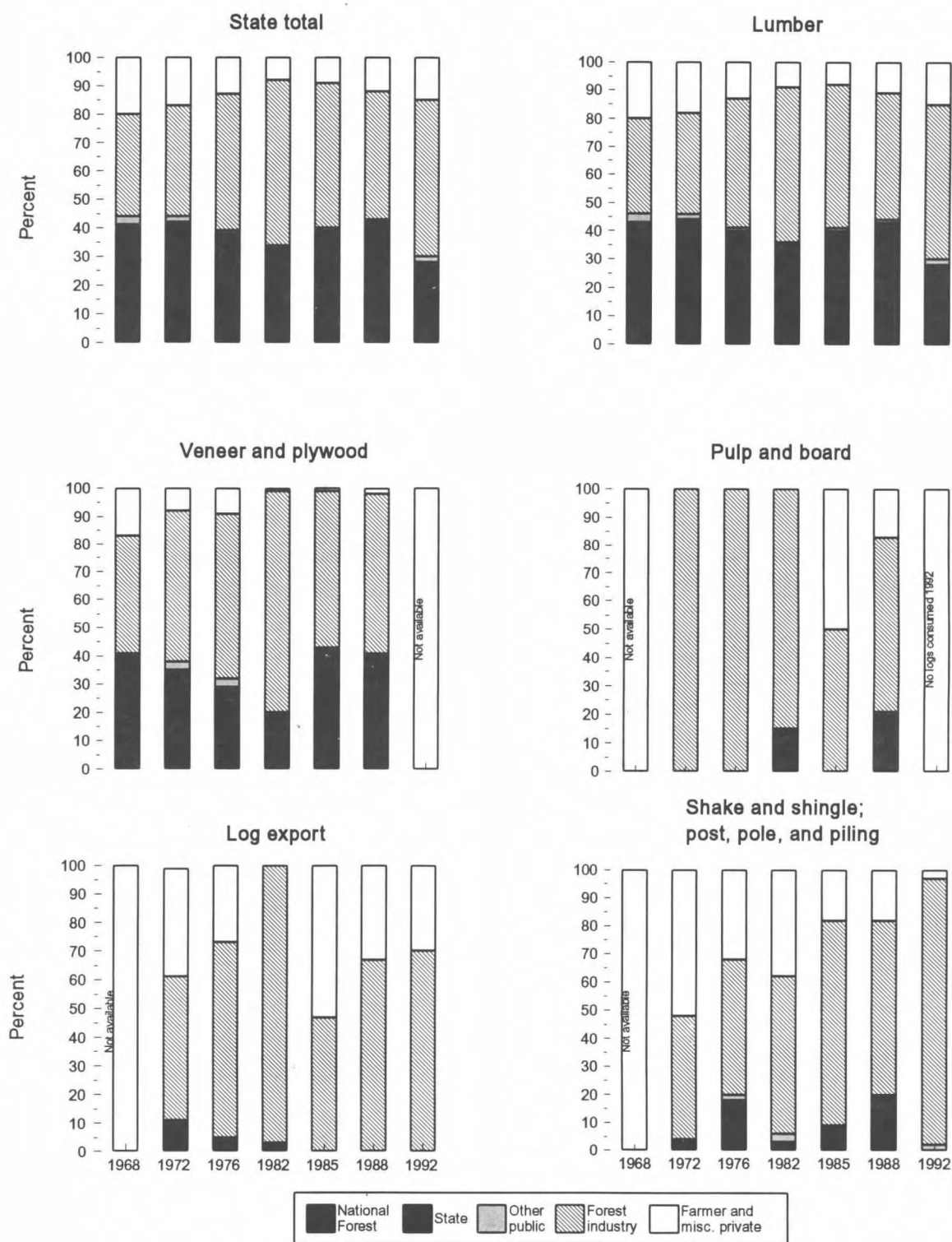


Figure 6--Log consumption by ownership class and industry. Post, pole, and piling industry log origin was unknown for 1992 and not included in lower right graph. The graph shows shake and shingle industry only.

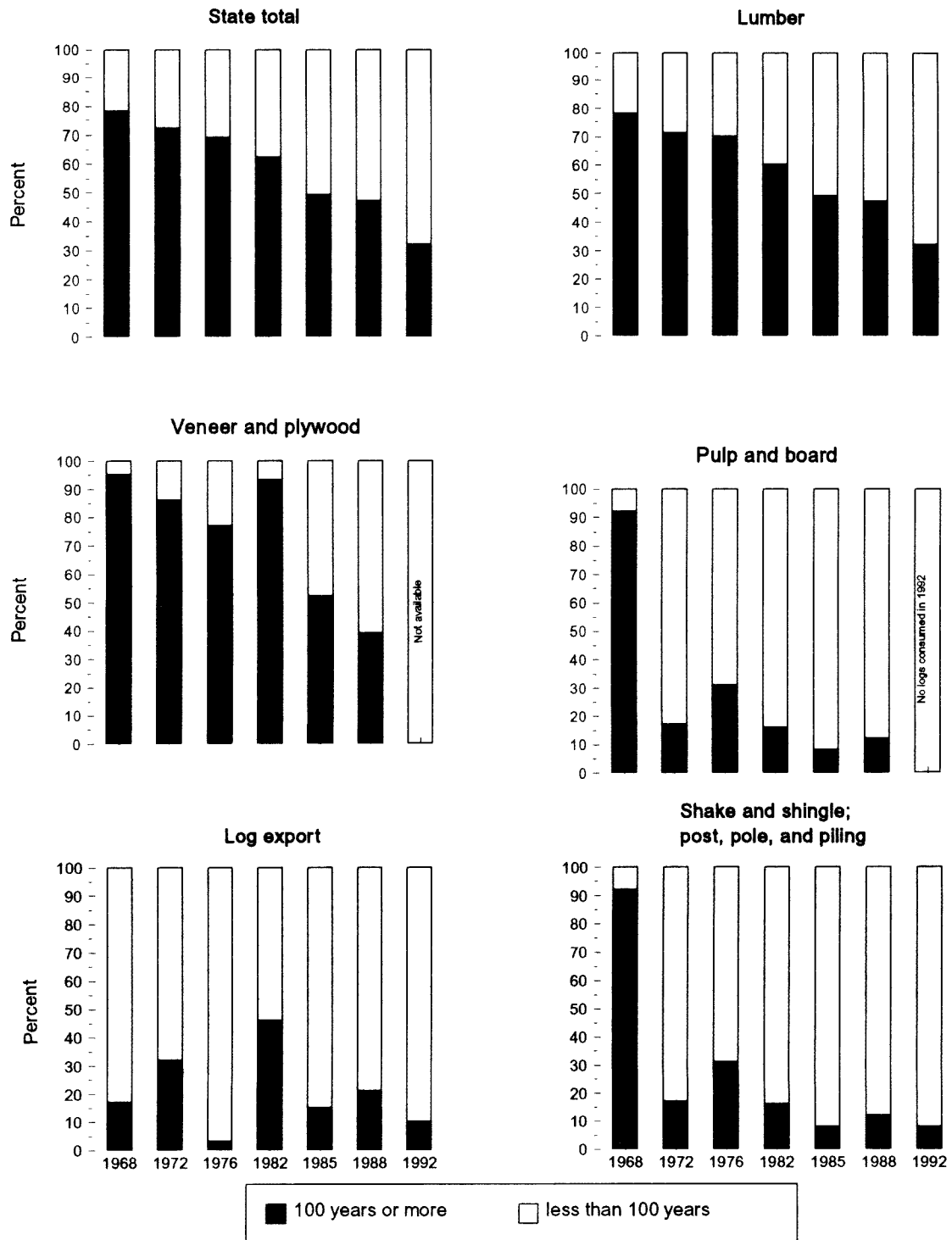


Figure 7--Log consumption by timber age group and industry.

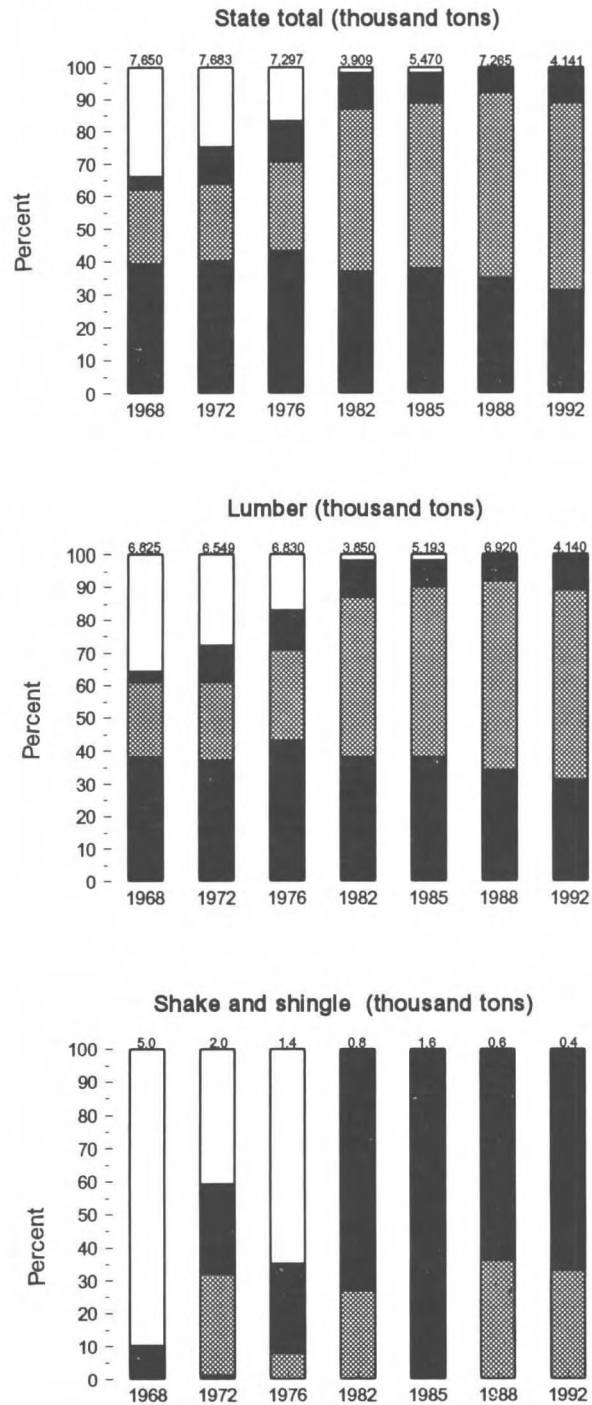


Figure 8--Production and disposition of wood and bark residue by use and industry.

## Glossary

**Apparent log receipts**—The sum of a mill's log consumption and gain or loss in inventory.

**MBF**—Thousand board feet.

**Mill**—Each identifiable operation at one location: a sawmill with a large-log operation and a small-log operation is counted as two mills; also, a sulfate and a groundwood pulping process at one location is counted as two mills.

**Offsite roundwood chips**—Chips from logs that are processed at a chipping mill, not as part of a milling operation, then transported to the user.

**Sound log**—Number 3 and better grade saw logs with the following minimum specifications: 6-inch diameter, 12-foot length, 50-board-foot net scale.

**Utility log**—logs with the following minimum specifications: 6-inch diameter, 12-foot length, 50 percent or more chippable gross scale.

## Acknowledgments

We thank the millowners and operators who cooperated in providing the data for this report and also the major forest industry associations for their support of this study.

## Metric Conversions

1 cubic foot = 0.02832 cubic meter

1 ton = 907.1849 kilograms

1 square foot = 0.0929 square meter

## Measurement Units

The board foot is the unit of measure used in this report for all wood consumption, with the exception of mill residues (tons, dry weight) consumed by pulpmills and board mills. All board-foot log volumes are reported in local scale. No attempt was made to account for variations in scaling standards or to convert to a common scale. Consumption by mills not reported in these units was converted by use of the following factors:

1 cord = 500 board feet

1 ton = 500 board feet

10.5 squares = 1,000 board feet (MBF)

1 lineal foot = 3.8 board feet

1 cubic foot = 6 board feet

200 cubic-foot units = 1 bone-dry ton

1 bone-dry unit = 1.2 bone-dry tons

Board-foot lumber tally is the unit of measure used for lumber production; square (100 square feet) for shake and shingle production; and board-foot "local scale" for log export and post, pole, and piling shipments.

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## APPENDIX 1

### Mill Residues

In this study, no attempt was made to get individual mills to quantify the amount of residue produced. The mills therefore were asked to indicate only the percentage distribution of there residue disposal. These percentages were then applied to residue volume estimates derived through use of the following factors.

**Softwood sawmill residue, white woods--**Average quantity of residues developed from producing 1,000 board feet of lumber:<sup>1</sup>

| <u>Item</u>                  | <u>Dry weight</u> |
|------------------------------|-------------------|
|                              | <u>Tons</u>       |
| Wood residue:                |                   |
| Slabs, edgings, sawmill trim | 0.508             |
| Planer trim                  | .038              |
| Sawdust                      | .279              |
| Planer shavings              | <u>.203</u>       |
| Total                        | 1.028             |
| Bark                         | <u>.285</u>       |
| All residue                  | 1.313             |

**Softwood sawmill residue, redwood and Incense-cedar--**Average quantity of residues developed from producing 1,000 board feet of lumber:<sup>2</sup>

| <u>Item</u>                  | <u>Dry weight</u> |
|------------------------------|-------------------|
|                              | <u>Tons</u>       |
| Wood residue:                |                   |
| Slabs, edgings, sawmill trim | 0.711             |
| Sawdust                      | .225              |
| Planer shavings              | <u>.154</u>       |
| Total                        | 1.090             |
| Bark                         | <u>.300</u>       |
| All residue                  | 1.390             |

<sup>1</sup> Based on data from Oregon mills compiled by Oregon State University, School of Forestry, in 1967. Dry weights adjusted for different species mix used in California, primarily ponderosa pine (*Pinus ponderosa* Dougl. ex Laws.) and Douglas-fir.

<sup>2</sup> Based on data from California mills from mill-scale studies made by the USDA Forest Service.

**Shingle mill residue**--Average quantity of residue developed from using 1,000 board feet, Scribner scale, of logs or in producing the equivalent volume of 10.5 squares:<sup>3</sup>

| Type of residue    | Dry weight        |                |                      |
|--------------------|-------------------|----------------|----------------------|
|                    | Solid volume      |                | per MBF <sup>4</sup> |
|                    | <i>Cubic feet</i> | <i>Percent</i> | <i>Tons</i>          |
| Shingles:          |                   |                |                      |
| Coarse             | 23                | 13.7           | 0.22                 |
| Fine               | 78                | 46.8           | .75                  |
| Bark               | 19                | 11.5           | .28                  |
| Shakes:            |                   |                |                      |
| Coarse             | 23                | 13.7           | .22                  |
| Fine               | 24                | 14.5           | .23                  |
| Bark               | 19                | 11.5           | .28                  |
| Shingle and shake: |                   |                |                      |
| Coarse             | 23                | 13.7           | .22                  |
| Fine               | 51                | 30.6           | .49                  |
| Bark               | 19                | 11.5           | .28                  |

<sup>3</sup> From information provided by the Red Cedar Shingle Bureau, Bellevue, WA.

<sup>4</sup> MBF = thousand feet board measure.

## Appendix 2

Table 1--Number of mills by resource area and type of industry, California, 1992

| RESOURCE AREA  | LUMBER | VENEER<br>AND<br>PLYWOOD | PULP AND<br>BOARD <sup>a</sup> | OTHER INDUSTRIES     |                     |                           | ALL<br>INDUSTRIES |
|----------------|--------|--------------------------|--------------------------------|----------------------|---------------------|---------------------------|-------------------|
|                |        |                          |                                | SHAKE AND<br>SHINGLE | EXPORT <sup>b</sup> | POST, POLE,<br>AND PILING |                   |
| NORTH COAST    | 23     | --                       | 5                              | 3                    | --                  | --                        | 31                |
| CENTRAL COAST  | 2      | --                       | --                             | --                   | --                  | --                        | 2                 |
| NORTH INTERIOR | 16     | --                       | 1                              | --                   | --                  | --                        | 17                |
| SACRAMENTO     | 8      | --                       | 2                              | --                   | 1                   | --                        | 11                |
| SAN JOAQUIN    | 7      | --                       | 1                              | --                   | --                  | --                        | 8                 |
| SOUTHERN       | --     | --                       | --                             | --                   | --                  | 2                         | 2                 |
| ALL AREAS      | 56     | --                       | 9                              | 3                    | 1                   | 2                         | 71                |

<sup>a</sup> Each pulping process at a single location is considered an individual mill.

<sup>b</sup> Represents the number of identifiable operations involved in the export of logs.

Table 2--Wood consumption by mills, by resource area, industry, and type of material, California, 1992

| RESOURCE AREA<br>AND INDUSTRY                          | ROUNDWOOD  |                 |                  |                         | RESIDUE <sup>b</sup> |
|--------------------------------------------------------|------------|-----------------|------------------|-------------------------|----------------------|
|                                                        | SOUND LOGS | UTILITY<br>LOGS | ALL<br>ROUNDWOOD | OTHER WOOD <sup>a</sup> |                      |
| - - - - THOUSAND BOARD FEET, SCRIBNER LOG RULE - - - - |            |                 |                  |                         | TONS,<br>DRY WEIGHT  |
| NORTH COAST:                                           |            |                 |                  |                         |                      |
| LUMBER <sup>c</sup>                                    | 900,258    | 61,392          | 961,650          | --                      | --                   |
| PULP AND BOARD                                         | --         | --              | --               | --                      | 862,072              |
| SHAKE AND SHINGLE                                      | 608        | --              | 608              | 61                      | --                   |
| TOTAL                                                  | 900,866    | 61,392          | 962,258          | 61                      | 862,072              |
| CENTRAL COAST:                                         |            |                 |                  |                         |                      |
| LUMBER <sup>c</sup>                                    | --         | --              | --               | --                      | --                   |
| NORTH INTERIOR:                                        |            |                 |                  |                         |                      |
| LUMBER                                                 | 534,376    | 36,785          | 571,161          | --                      | --                   |
| PULP AND BOARD <sup>d</sup>                            | --         | --              | --               | --                      | --                   |
| TOTAL                                                  | 534,376    | 36,785          | 571,161          | --                      | --                   |
| SACRAMENTO:                                            |            |                 |                  |                         |                      |
| LUMBER                                                 | 378,194    | 1,880           | 380,074          | --                      | --                   |
| PULP AND BOARD <sup>d</sup>                            | --         | --              | --               | --                      | 406,845              |
| TOTAL                                                  | 378,194    | 1,880           | 380,074          | --                      | 406,845              |
| SAN JOAQUIN:                                           |            |                 |                  |                         |                      |
| LUMBER                                                 | 247,074    | 55,395          | 302,469          | --                      | --                   |
| PULP AND BOARD <sup>d</sup>                            | --         | --              | --               | --                      | --                   |
| TOTAL                                                  | 247,074    | 55,395          | 302,469          | --                      | --                   |
| SOUTHERN                                               | --         | --              | --               | --                      | --                   |
| ALL AREAS:                                             |            |                 |                  |                         |                      |
| LUMBER                                                 | 2,059,902  | 155,452         | 2,215,354        | --                      | --                   |
| PULP AND BOARD                                         | --         | --              | --               | --                      | 1,268,917            |
| SHAKE AND SHINGLE                                      | 608        | --              | 608              | 61                      | --                   |
| EXPORT                                                 | 7,000      | --              | 7,000            | --                      | --                   |
| POST, POLE, AND PILING                                 | 6,905      | --              | 6,905            | --                      | --                   |
| TOTAL                                                  | 2,074,415  | 155,452         | 2,229,867        | 61                      | 1,268,917            |

<sup>a</sup> Includes peeler cores and cants used by sawmills; blocks, boards, and bolts used by shake and shingle mills; and miscellaneous peeled products used by post, pole, and piling mills.

<sup>b</sup> Includes residues from the sawmill, veneer and plywood, and shake and shingle industries, plus chips from roundwood chipping plants.

<sup>c</sup> Central Coast and North Coast combined to avoid disclosure.

<sup>d</sup> North Interior, Sacramento, and San Joaquin combined to avoid disclosure.

Table 3--Log flows to mills by resource area, industry, and State, California, 1992

| RESOURCE AREA<br>AND INDUSTRY                 | CALIFORNIA | OREGON | WASHINGTON | OTHER | ALL<br>STATES |
|-----------------------------------------------|------------|--------|------------|-------|---------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |            |        |            |       |               |
| NORTH COAST:                                  |            |        |            |       |               |
| LUMBER <sup>a</sup>                           | 961,362    | 288    | --         | --    | 961,650       |
| SHAKE AND SHINGLE                             | 608        | --     | --         | --    | 608           |
| TOTAL                                         | 961,970    | 288    | --         | --    | 962,258       |
| CENTRAL COAST:                                |            |        |            |       |               |
| LUMBER <sup>a</sup>                           | --         | --     | --         | --    | --            |
| NORTHERN INTERIOR:                            |            |        |            |       |               |
| LUMBER                                        | 564,434    | 6,727  | --         | --    | 571,161       |
| TOTAL                                         | 564,434    | 6,727  | --         | --    | 571,161       |
| SACRAMENTO:                                   |            |        |            |       |               |
| LUMBER                                        | 380,074    | --     | --         | --    | 380,074       |
| EXPORT                                        | 7,000      | --     | --         | --    | 7,000         |
| TOTAL                                         | 387,074    | --     | --         | --    | 387,074       |
| SAN JOAQUIN:                                  |            |        |            |       |               |
| LUMBER                                        | 302,469    | --     | --         | --    | 302,469       |
| TOTAL                                         | 302,469    | --     | --         | --    | 302,469       |
| SOUTHERN:                                     |            |        |            |       |               |
| POST, POLE, AND PILING                        | 360        | 1,797  | 3,985      | 763   | 6,905         |
| TOTAL                                         | 360        | 1,797  | 3,985      | 763   | 6,905         |
| ALL AREAS:                                    |            |        |            |       |               |
| LUMBER                                        | 2,208,339  | 7,015  | --         | --    | 2,215,354     |
| PULP AND BOARD                                | --         | --     | --         | --    | --            |
| SHAKE AND SHINGLE                             | 608        | --     | --         | --    | 608           |
| EXPORT                                        | 7,000      | --     | --         | --    | 7,000         |
| POST, POLE, AND PILING                        | 360        | 1,797  | 3,985      | 763   | 6,905         |
| TOTAL                                         | 2,216,307  | 8,812  | 3,985      | 763   | 2,229,867     |

<sup>a</sup> Central Coast and North Coast combined to avoid disclosure.

Table 4--Log flows by resource area, county of use, and county and out-of-State origin, California, 1992

| RESOURCE AREA AND<br>COUNTY OF USE         | TOTAL     | NORTH COAST |          |           |        | CENTRAL COAST |             |            | NORTHERN INTERIOR |        |         |          |         |
|--------------------------------------------|-----------|-------------|----------|-----------|--------|---------------|-------------|------------|-------------------|--------|---------|----------|---------|
|                                            |           | DEL NORTE   | HUMBOLDT | MENDOCINO | SONOMA | SAN MATEO     | SANTA CLARA | SANTA CRUZ | LASSEN            | MODOC  | SHASTA  | SISKIYOU | TRINITY |
| THOUSAND BOARD FEET, SCRIBNER LOG RULE     |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| NORTH COAST:                               |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| DEL NORTE AND<br>HUMBOLDT <sup>a</sup>     | 639,474   | 89,513      | 486,561  | 16,359    | --     | --            | --          | --         | --                | --     | 7,500   | --       | 31,753  |
| MENDOCINO                                  | 259,687   | --          | --       | 243,042   | 5,856  | --            | --          | 2,000      | --                | --     | --      | --       | --      |
| SONOMA <sup>b</sup>                        | 63,097    | --          | 2,250    | 7,500     | 26,461 | 5,943         | 2,258       | 18,685     | --                | --     | --      | --       | --      |
| TOTAL                                      | 962,258   | 89,513      | 488,811  | 266,901   | 32,317 | 5,943         | 2,258       | 20,685     | --                | --     | 7,500   | --       | 31,753  |
| CENTRAL COAST:                             |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| SANTA CRUZ <sup>b</sup>                    | --        | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| NORTHERN INTERIOR:                         |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| LASSEN AND MODOC <sup>a</sup>              | 179,128   | --          | --       | 2,769     | --     | --            | --          | --         | 82,964            | 47,476 | 11,535  | --       | 5,219   |
| SHASTA                                     | 244,432   | --          | --       | 640       | --     | --            | --          | --         | 66,166            | 17,664 | 81,962  | 33,420   | 16,700  |
| SISKIYOU AND<br>TRINITY <sup>a</sup>       | 147,601   | --          | 13,423   | 1,280     | --     | --            | --          | --         | 9,710             | 1,500  | 41,610  | 27,082   | 39,445  |
| TOTAL                                      | 571,161   | --          | 13,423   | 4,6899    | --     | --            | --          | --         | 158,840           | 66,640 | 135,107 | 60,502   | 61,364  |
| SACRAMENTO:                                |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>  | 173,517   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| EL DORADO, NEVADA,<br>AND PLACER           | 213,557   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| TOTAL                                      | 387,074   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| SAN JOAQUIN:                               |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| AMADOR, MADERA, AND<br>TULARE <sup>a</sup> | 193,960   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| TUOLUMNE                                   | 108,509   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| TOTAL                                      | 302,469   | --          | --       | --        | --     | --            | --          | --         | --                | --     | --      | --       | --      |
| SOUTHERN:                                  |           |             |          |           |        |               |             |            |                   |        |         |          |         |
| LOS ANGELES                                | 6864      | --          | --       | --        | --     | --            | --          | --         | --                | --     | 343     | --       | --      |
| RIVERSIDE                                  | 41        | --          | --       | --        | --     | --            | --          | --         | --                | --     | 17      | --       | --      |
| TOTAL                                      | 6,905     | --          | --       | --        | --     | --            | --          | --         | --                | --     | 360     | --       | --      |
| ALL AREAS                                  | 2,229,867 | 89,513      | 502,234  | 271,590   | 32,317 | 5,943         | 2,258       | 20,685     | 158,840           | 66,640 | 142,967 | 60,502   | 93,117  |

See footnotes at end of table.

Table 4--Log flows by resource area, county of use, and county and out-of-State origin, California, 1992 (continued)

| RESOURCE AREA AND<br>COUNTY OF USE            | SACRAMENTO |           |       |                    |        |        |         |        |        |      |
|-----------------------------------------------|------------|-----------|-------|--------------------|--------|--------|---------|--------|--------|------|
|                                               | BUTTE      | EL DORADO | GLENN | LAKE               | NEVADA | PLACER | PLUMAS  | SIERRA | TEHAMA | YUBA |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |            |           |       |                    |        |        |         |        |        |      |
| NORTH COAST:                                  |            |           |       |                    |        |        |         |        |        |      |
| DEL NORTE AND                                 |            |           |       |                    |        |        |         |        |        |      |
| HUMBOLDT <sup>a</sup>                         | 7,500      | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| MENDOCINO                                     | --         | --        | 2,612 | 4,577 <sup>a</sup> | --     | 800    | --      | --     | 800    | --   |
| SONOMA <sup>b</sup>                           | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| TOTAL                                         | 7,500      | --        | 2,612 | 4,577              | --     | 800    | --      | --     | 800    | --   |
| CENTRAL COAST:                                |            |           |       |                    |        |        |         |        |        |      |
| SANTA CRUZ <sup>b</sup>                       | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| TOTAL                                         | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| NORTHERN INTERIOR:                            |            |           |       |                    |        |        |         |        |        |      |
| LASSEN AND MODOC <sup>a</sup>                 | --         | --        | --    | --                 | --     | --     | 24,813  | --     | 3,165  | --   |
| SHASTA                                        | --         | --        | --    | --                 | --     | --     | 10,500  | 5,520  | 11,700 | --   |
| SISKIYOU AND                                  |            |           |       |                    |        |        |         |        |        |      |
| TRINITY <sup>a</sup>                          | 8,171      | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| TOTAL                                         | 8,171      | --        | --    | --                 | --     | --     | 35,313  | 5,520  | 14,865 | --   |
| SACRAMENTO:                                   |            |           |       |                    |        |        |         |        |        |      |
| BUTTE, PLUMAS, AND                            |            |           |       |                    |        |        |         |        |        |      |
| SIERRA <sup>a</sup>                           | 8,764      | 1,400     | --    | --                 | 35,700 | 4,200  | 88,982  | 33,771 | --     | 700  |
| EL DORADO, NEVADA,                            | --         | 134,763   | 6,316 | --                 | 37,438 | 5,540  | --      | --     | --     | --   |
| AND PLACER <sup>a</sup>                       |            |           |       |                    |        |        |         |        |        |      |
| TOTAL                                         | 8,764      | 136,163   | 6,316 | --                 | 73,138 | 9,740  | 88,982  | 33,771 | --     | 700  |
| SAN JOAQUIN:                                  |            |           |       |                    |        |        |         |        |        |      |
| AMADOR, MADERA, AND                           |            |           |       |                    |        |        |         |        |        |      |
| TULARE <sup>a</sup>                           | --         | 46,000    | --    | --                 | 2,200  | 13,700 | --      | --     | --     | --   |
| TUOLUMNE                                      | --         | 12,897    | --    | --                 | --     | --     | --      | --     | --     | --   |
| TOTAL                                         | --         | 58,897    | --    | --                 | 2,200  | 13,700 | --      | --     | --     | --   |
| SOUTHERN:                                     |            |           |       |                    |        |        |         |        |        |      |
| LOS ANGELES                                   | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| RIVERSIDE                                     | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| TOTAL                                         | --         | --        | --    | --                 | --     | --     | --      | --     | --     | --   |
| ALL AREAS                                     | 24,435     | 195,060   | 8,928 | 4,577              | 75,338 | 24,240 | 124,295 | 39,291 | 15,665 | 700  |

See footnotes at end of table.

Table 4--Log flows by resource area, county of use, and county, and out-of-State origin, California, 1992 (continued)

| RESOURCE AREA AND<br>COUNTY OF USE     | SAN JOAQUIN |        |           |        |       |        |          |            |        |          | OUT-OF-<br>STATE |
|----------------------------------------|-------------|--------|-----------|--------|-------|--------|----------|------------|--------|----------|------------------|
|                                        | ALPINE      | AMADOR | CALAVERAS | FRESNO | KERN  | MADERA | MARIPOSA | STANISLAUS | TULARE | TUOLUMNE |                  |
| THOUSAND BOARD FEET, SCRIBNER LOG RULE |             |        |           |        |       |        |          |            |        |          |                  |
| NORTH COAST:                           |             |        |           |        |       |        |          |            |        |          |                  |
| DEL NORTE AND                          |             |        |           |        |       |        |          |            |        |          |                  |
| HUMBOLDT <sup>a</sup>                  | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 288              |
| MENDOCINO                              | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | --               |
| SONOMA <sup>b</sup>                    | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | --               |
| TOTAL                                  | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 288              |
| CENTRAL COAST:                         |             |        |           |        |       |        |          |            |        |          |                  |
| SANTA CRUZ <sup>b</sup>                | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | --               |
| NORTHERN INTERIOR:                     |             |        |           |        |       |        |          |            |        |          |                  |
| LASSEN AND MODOC <sup>a</sup>          | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 1,187            |
| SHASTA                                 | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 160              |
| SISKIYOU, AND                          |             |        |           |        |       |        |          |            |        |          |                  |
| TRINITY <sup>a</sup>                   | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 5,380            |
| TOTAL                                  | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 6,727            |
| SACRAMENTO:                            |             |        |           |        |       |        |          |            |        |          |                  |
| BUTTE, PLUMAS, AND                     |             |        |           |        |       |        |          |            |        |          |                  |
| SIERRA <sup>a</sup>                    |             |        |           |        |       |        |          |            |        |          |                  |
| ELDORADO, NEVADA,                      | --          | --     | --        | --     | --    | 8,000  | --       | 21,500     | --     | --       | --               |
| AND PLACER <sup>a</sup>                |             |        |           |        |       |        |          |            |        |          |                  |
| TOTAL                                  | --          | --     | --        | --     | --    | 8,000  | --       | 21,500     | --     | --       | --               |
| SAN JOAQUIN:                           |             |        |           |        |       |        |          |            |        |          |                  |
| AMADOR, MADERA, AND                    |             |        |           |        |       |        |          |            |        |          |                  |
| TULARE <sup>a</sup>                    | 2,200       | 36,700 | 20,800    | 16,332 | 4,412 | 10,728 | 238      | --         | 35,296 | 5,354    | --               |
| TUOLUMNE                               | --          | 5,032  | 5,032     | --     | --    | --     | --       | --         | --     | 85,548   | 3,190            |
| TOTAL                                  | 2,200       | 41,732 | 25,832    | 16,332 | 4,412 | 10,728 | 238      | --         | 35,296 | 90,902   | 3,190            |
| SOUTHERN:                              |             |        |           |        |       |        |          |            |        |          |                  |
| LOS ANGELES                            | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 6,521            |
| RIVERSIDE                              | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 24               |
| TOTAL                                  | --          | --     | --        | --     | --    | --     | --       | --         | --     | --       | 6,545            |
| ALL AREAS                              | 2,200       | 41,732 | 25,832    | 16,332 | 4,412 | 18,728 | 238      | 21,500     | 35,296 | 90,902   | 13,560           |

<sup>a</sup>Combined to avoid disclosure.

<sup>b</sup> Sonoma County includes 1 sawmill from Santa Cruz County to avoid disclosure.

# All Industries

Table 5--Log flows to mills from National Forests, by resource area and county of use, California 1992

| RESOURCE AREA AND<br>COUNTY OF USE            | EL DORADO | KLAMATH | LASSEN  | MENDOCINO | MODOC  | PLUMAS | SEQUOIA |
|-----------------------------------------------|-----------|---------|---------|-----------|--------|--------|---------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |           |         |         |           |        |        |         |
| NORTH COAST:                                  |           |         |         |           |        |        |         |
| DEL NORTE AND<br>HUMBOLDT <sup>a</sup>        | --        | 4,950   | --      | 200       | --     | --     | --      |
| MENDOCINO                                     | --        | --      | --      | --        | --     | --     | --      |
| SONOMA <sup>b</sup>                           | --        | --      | --      | --        | --     | --     | --      |
| TOTAL                                         | --        | 4,950   | --      | 200       | --     | --     | --      |
| CENTRAL COAST:                                |           |         |         |           |        |        |         |
| SANTA CRUZ <sup>b</sup>                       | --        | --      | --      | --        | --     | --     | --      |
| NORTHERN INTERIOR:                            |           |         |         |           |        |        |         |
| LASSEN AND MODOC <sup>a</sup>                 | --        | --      | 92,473  | --        | 30,916 | 17,813 | --      |
| SHASTA                                        | --        | 157     | 25,493  | --        | 8,427  | 1,980  | --      |
| SISKIYOU AND<br>TRINITY <sup>a</sup>          | --        | 16,010  | 6,641   | --        | 150    | --     | --      |
| TOTAL                                         | --        | 16,167  | 124,607 | --        | 39,493 | 19,793 | --      |
| SACRAMENTO:                                   |           |         |         |           |        |        |         |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | --        | --      | --      | --        | --     | 38,311 | --      |
| EL DORADO, NEVADA,<br>AND PLACER <sup>c</sup> | 58,979    | --      | --      | 189       | --     | 1,137  | --      |
| TOTAL                                         | 58,979    | --      | --      | 189       | --     | 39,448 | --      |
| SAN JOAQUIN:                                  |           |         |         |           |        |        |         |
| AMADOR, MADERA AND<br>TULARE <sup>a</sup>     | 41,930    | --      | --      | --        | --     | 660    | 38,516  |
| TUOLUMNE                                      | 5,032     | --      | --      | --        | --     | --     | --      |
| TOTAL                                         | 46,962    | --      | --      | --        | --     | 660    | 38,516  |
| SOUTHERN:                                     |           |         |         |           |        |        |         |
| LOS ANGELES                                   | --        | --      | --      | --        | --     | --     | --      |
| RIVERSIDE                                     | --        | --      | --      | --        | --     | --     | --      |
| TOTAL                                         | --        | --      | --      | --        | --     | --     | --      |
| ALL AREAS                                     | 105,941   | 21,117  | 124,607 | 389       | 39,493 | 59,901 | 38,516  |

See footnotes at end of table.

Table 5--Log flows to mills from National Forests, by resource area and county of use, California, 1992 (continued)

| RESOURCE AREA AND<br>COUNTY OF USE            | SHASTA-<br>TRINITY | SIERRA | SIX<br>RIVERS | STANISLAUS | TAHOE  | OUT-OF-STATE<br>FORESTS | ALL<br>FORESTS |
|-----------------------------------------------|--------------------|--------|---------------|------------|--------|-------------------------|----------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |                    |        |               |            |        |                         |                |
| NORTH COAST:                                  |                    |        |               |            |        |                         |                |
| DEL NORTE                                     |                    |        |               |            |        |                         |                |
| HUMBOLDT <sup>a</sup>                         | --                 | --     | 24,100        | --         | --     | 288                     | 29,538         |
| MENDOCINO                                     | --                 | --     | --            | --         | --     | --                      | --             |
| SONOMA <sup>b</sup>                           | --                 | --     | --            | --         | --     | --                      | --             |
| TOTAL                                         | --                 | --     | 24,100        | --         | --     | 288                     | 29,538         |
| CENTRAL COAST:                                |                    |        |               |            |        |                         |                |
| SANTA CRUZ <sup>b</sup>                       | --                 | --     | --            | --         | --     | --                      | --             |
| NORTHERN INTERIOR:                            |                    |        |               |            |        |                         |                |
| LASSEN AND MODOC <sup>a</sup>                 | 7,893              | --     | --            | --         | --     | --                      | 149,095        |
| SHASTA                                        | 27,029             | --     | --            | --         | --     | --                      | 63,086         |
| SISKIYOU AND<br>TRINITY <sup>a</sup>          | 30,812             | --     | 3,519         | --         | --     | 322                     | 57,454         |
| TOTAL                                         | 65,734             | --     | 3,519         | --         | --     | 322                     | 269,635        |
| SACRAMENTO:                                   |                    |        |               |            |        |                         |                |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | --                 | --     | --            | --         | 25,257 | --                      | 63,568         |
| EL DORADO, NEVADA,<br>AND PLACER <sup>a</sup> | --                 | 4,800  | --            | 11,800     | 10,062 | --                      | 86,967         |
| TOTAL                                         | --                 | 4,800  | --            | 11,800     | 35,319 | --                      | 150,535        |
| SAN JOAQUIN:                                  |                    |        |               |            |        |                         |                |
| AMADOR, MADERA,<br>TULARE <sup>a</sup>        | --                 | 24,399 | --            | 622        | 110    | --                      | 106,237        |
| TUOLUMNE                                      | --                 | --     | --            | 45,290     | --     | --                      | 50,322         |
| TOTAL                                         | --                 | 24,399 | --            | 45,912     | 110    | --                      | 156,559        |
| SOUTHERN:                                     |                    |        |               |            |        |                         |                |
| LOS ANGELES                                   | --                 | --     | --            | --         | --     | --                      | --             |
| RIVERSIDE                                     | --                 | --     | --            | --         | --     | --                      | --             |
| TOTAL                                         | --                 | --     | --            | --         | --     | --                      | --             |
| ALL AREAS                                     | 65,734             | 29,199 | 27,619        | 57,712     | 35,429 | 610                     | 606,267        |

<sup>a</sup> Combined to avoid disclosure.<sup>b</sup> Sonoma County includes 1 sawmill from Santa Cruz County to avoid disclosure.

Table 6—Log flows to mills from National Forests, by resource area and industry, California, 1992

| RESOURCE AREA                                 | EL DORADO | KLAMATH | LASSEN  | MENDOCINO | MODOC  | PLUMAS | SEQUIOA | SHASTA-<br>TRINITY | SIERRA | SIX RIVERS | STANISLAUS | TAHOE  | OUT-OF-STATE<br>FOREST | ALL<br>FORESTS |
|-----------------------------------------------|-----------|---------|---------|-----------|--------|--------|---------|--------------------|--------|------------|------------|--------|------------------------|----------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |           |         |         |           |        |        |         |                    |        |            |            |        |                        |                |
| NORTH COAST:<br>LUMBER <sup>a</sup>           | --        | 4,950   | --      | 200       | --     | --     | --      | --                 | --     | 24,100     | --         | --     | 288                    | 29,538         |
| CENTRAL COAST:<br>LUMBER <sup>a</sup>         | --        | --      | --      | --        | --     | --     | --      | --                 | --     | --         | --         | --     | --                     | --             |
| NORTHERN INTERIOR:<br>LUMBER                  | --        | 16,167  | 124,607 | --        | 39,493 | 19,793 | --      | 65,734             | --     | 3,519      | --         | --     | 322                    | 269,635        |
| SACRAMENTO:<br>LUMBER                         | 58,979    | --      | --      | 189       | --     | 39,448 | --      | --                 | 4,800  | --         | 11,800     | 35,319 | --                     | 150,535        |
| SAN JOAQUIN:<br>LUMBER                        | 46,962    | --      | --      | --        | --     | 660    | 38,516  | --                 | 24,399 | --         | 45,912     | 110    | --                     | 156,559        |
| SOUTHERN:<br>LUMBER                           | --        | --      | --      | --        | --     | --     | --      | --                 | --     | --         | --         | --     | --                     | --             |
| ALL AREAS:<br>LUMBER                          | 105,941   | 21,117  | 124,607 | 389       | 39,493 | 59,901 | 38,516  | 65,734             | 29,199 | 27,619     | 57,712     | 35,429 | 610                    | 606,267        |

<sup>a</sup>Central Coast and North Coast combined to avoid disclosure.

Table 7--Log consumption by mills, by resource area, industry, and owner, California, 1992

| RESOURCE AREA<br>AND INDUSTRY          | STATE  | NATIONAL<br>FOREST | BUREAU OF<br>LAND<br>MANAGEMENT | OTHER<br>PUBLIC | FOREST INDUSTRY    |                      | OTHER<br>PRIVATE | UNKNOWN<br>ORIGIN | ALL<br>OWNERS |
|----------------------------------------|--------|--------------------|---------------------------------|-----------------|--------------------|----------------------|------------------|-------------------|---------------|
|                                        |        |                    |                                 |                 | OWN WOOD<br>SUPPLY | OTHER WOOD<br>SUPPLY |                  |                   |               |
| THOUSAND BOARD FEET, SCRIBNER LOG RULE |        |                    |                                 |                 |                    |                      |                  |                   |               |
| NORTH COAST:<br>LUMBER <sup>a</sup>    | 10,363 | 29,538             | --                              | 2,000           | 631,684            | 78,614               | 209,451          | --                | 961,650       |
| SHAKE AND SHINGLE                      | --     | --                 | --                              | 12              | --                 | 564                  | 32               | --                | 608           |
| TOTAL                                  | 10,363 | 29,538             | --                              | 2,012           | 631,684            | 79,178               | 209,483          | --                | 962,258       |
| CENTRAL COAST:<br>LUMBER <sup>a</sup>  | --     | --                 | --                              | --              | --                 | --                   | --               | --                | --            |
| NORTH INTERIOR:<br>LUMBER              | 1,500  | 269,635            | 12,534                          | 18,550          | 133,941            | 58,890               | 76,111           | --                | 571,161       |
| TOTAL                                  | 1,500  | 269,635            | 12,534                          | 18,550          | 133,941            | 58,890               | 76,111           | --                | 571,161       |
| SACRAMENTO:<br>LUMBER                  | --     | 150,535            | 1,100                           | --              | 96,186             | 97,959               | 34,294           | --                | 380,074       |
| EXPORT                                 | --     | --                 | --                              | --              | --                 | 4,900                | 2,100            | --                | 7,000         |
| TOTAL                                  | --     | 150,535            | 1,100                           | --              | 96,186             | 97,959               | 34,294           | --                | 380,074       |
| SAN JOAQUIN:<br>LUMBER                 | --     | 156,559            | --                              | 1,324           | 102,657            | 15,400               | 26,529           | --                | 302,469       |
| TOTAL                                  | --     | 156,559            | --                              | 1,324           | 102,657            | 15,400               | 26,529           | --                | 302,469       |
| SOUTHERN                               | --     | --                 | --                              | --              | --                 | --                   | --               | --                | --            |
| ALL AREAS:<br>LUMBER                   | 11,863 | 606,267            | 13,634                          | 21,874          | 964,468            | 250,863              | 346,385          | --                | 2,215,354     |
| PULP AND BOARD                         | --     | --                 | --                              | --              | --                 | --                   | --               | --                | --            |
| SHAKE AND SHINGLE                      | --     | --                 | --                              | 12              | --                 | 564                  | 32               | --                | 608           |
| EXPORT                                 | --     | --                 | --                              | --              | --                 | 4,900                | 2,100            | --                | 7,000         |
| POST,POLE, AND PILING                  | --     | --                 | --                              | --              | --                 | --                   | --               | 6,905             | 6,905         |
| TOTAL                                  | 11,863 | 606,267            | 13,634                          | 21,886          | 964,468            | 256,327              | 348,517          | 6,905             | 2,229,867     |

<sup>a</sup> Central Coast and North Coast combined to avoid disclosure.

Table 8--Log consumption by mills, by resource area, industry, and species, California, 1992

| RESOURCE AREA<br>AND INDUSTRY          | DOUGLAS-FIR | REDWOOD | TRUE FIRS | SUGAR<br>PINE | PONDEROSA<br>PINE | LODGEPOLE<br>PINE | INCENSE-<br>CEDAR | OTHER<br>SOFTWOODS | HARDWOODS | ALL<br>SPECIES |
|----------------------------------------|-------------|---------|-----------|---------------|-------------------|-------------------|-------------------|--------------------|-----------|----------------|
| THOUSAND BOARD FEET, SCRIBNER LOG RULE |             |         |           |               |                   |                   |                   |                    |           |                |
| NORTH COAST:                           |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER <sup>a</sup>                    | 356,969     | 548,710 | 31,009    | 871           | 7,868             | --                | --                | 15,713             | 510       | 961,650        |
| SHAKE AND SHINGLE                      | --          | --      | --        | --            | --                | --                | 12                | 596                | --        | 608            |
| TOTAL                                  | 356,969     | 548,710 | 31,009    | 871           | 7,868             | --                | 12                | 16,309             | 510       | 962,258        |
| CENTRAL COAST:                         |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER <sup>a</sup>                    | --          | --      | --        | --            | --                | --                | --                | --                 | --        | --             |
| NORTH INTERIOR:                        |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER                                 | 98,839      | 6,000   | 178,863   | 62,530        | 173,596           | 6,613             | 37,680            | 7,040              | --        | 571,161        |
| TOTAL                                  | 98,839      | 6,000   | 178,863   | 62,530        | 173,596           | 6,613             | 37,680            | 7,040              | --        | 571,161        |
| SACRAMENTO:                            |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER                                 | 40,974      | --      | 191,927   | 46,857        | 79,305            | --                | 20,931            | 80                 | --        | 380,074        |
| TOTAL                                  | 40,974      | --      | 191,927   | 46,857        | 79,305            | --                | 20,931            | 80                 | --        | 380,074        |
| SAN JOAQUIN:                           |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER                                 | 11,172      | --      | 106,115   | 40,453        | 109,987           | --                | 34,742            | --                 | --        | 302,469        |
| TOTAL                                  | 11,172      | --      | 106,115   | 40,453        | 109,987           | --                | 34,742            | --                 | --        | 302,469        |
| SOUTHERN:                              |             |         |           |               |                   |                   |                   |                    |           |                |
| POST, POLE, AND PILING                 | 4,260       | --      | --        | --            | 162               | 12                | 2,471             | --                 | --        | 6,905          |
| TOTAL                                  | 4,260       | --      | --        | --            | 162               | 12                | 2,471             | --                 | --        | 6,905          |
| ALL AREAS:                             |             |         |           |               |                   |                   |                   |                    |           |                |
| LUMBER                                 | 507,954     | 554,710 | 507,914   | 150,711       | 370,756           | 6,613             | 93,353            | 22,833             | 510       | 2,215,354      |
| PULP AND BOARD                         | --          | --      | --        | --            | --                | --                | --                | --                 | --        | --             |
| SHAKE AND SHINGLE                      | --          | --      | --        | --            | --                | --                | 12                | 596                | --        | 608            |
| EXPORT                                 | 4,900       | --      | 2,100     | --            | --                | --                | --                | --                 | --        | 7,000          |
| POST, POLE, AND PILING                 | 4,260       | --      | --        | --            | 162               | 12                | 2,471             | --                 | --        | 6,905          |
| TOTAL                                  | 517,114     | 554,710 | 510,014   | 150,711       | 370,918           | 6,625             | 95,836            | 23,429             | 510       | 2,229,867      |

<sup>a</sup> Central Coast and North Coast combined to avoid disclosure.

Table 9--Production and disposition of wood and bark residue by mills, by resource area, industry, and use, California, 1992

| RESOURCE AREA<br>AND INDUSTRY | WOOD RESIDUE      |           |               |           |        |             |
|-------------------------------|-------------------|-----------|---------------|-----------|--------|-------------|
|                               | USED <sup>a</sup> |           |               |           | UNUSED | ALL<br>WOOD |
|                               | PULP AND<br>BOARD | FUEL      | MISCELLANEOUS | TOTAL     |        |             |
|                               |                   |           |               |           |        |             |
| <u>TONS, DRY WEIGHT</u>       |                   |           |               |           |        |             |
| NORTH COAST:                  |                   |           |               |           |        |             |
| LUMBER <sup>b</sup>           | 670,754           | 615,775   | 193,593       | 1,480,122 | 3,772  | 1,483,894   |
| SHAKE AND SHINGLE             | --                | 26        | 251           | 277       | --     | 277         |
| TOTAL                         | 670,754           | 615,801   | 193,844       | 1,480,399 | 3,772  | 1,484,171   |
| CENTRAL COAST:                |                   |           |               |           |        |             |
| LUMBER <sup>b</sup>           | --                | --        | --            | --        | --     | --          |
| NORTH INTERIOR:               |                   |           |               |           |        |             |
| LUMBER                        | 231,452           | 542,506   | 2,993         | 776,951   | --     | 776,951     |
| TOTAL                         | 231,452           | 542,506   | 2,993         | 776,951   | --     | 776,951     |
| SACRAMENTO:                   |                   |           |               |           |        |             |
| LUMBER                        | 184,947           | 341,800   | 31,965        | 558,712   | --     | 558,712     |
| TOTAL                         | 184,947           | 341,800   | 31,965        | 558,712   | --     | 558,712     |
| SAN JOAQUIN:                  |                   |           |               |           |        |             |
| LUMBER                        | 189,693           | 139,663   | 65,102        | 394,458   | --     | 394,458     |
| TOTAL                         | 189,693           | 139,663   | 65,102        | 394,458   | --     | 394,458     |
| SOUTHERN:                     |                   |           |               |           |        |             |
| ALL AREAS:                    |                   |           |               |           |        |             |
| LUMBER                        | 1,276,846         | 1,639,744 | 293,653       | 3,210,243 | 3,772  | 3,214,015   |
| SHAKE AND SHINGLE             | --                | 26        | 251           | 277       | --     | 277         |
| TOTAL                         | 1,276,846         | 1,639,770 | 293,904       | 3,210,520 | 3,772  | 3,214,292   |

See footnotes at end of table.

# All Industries

**Table 9--Production and disposition of wood and bark residue by mills, by resource area, industry, and use, California, 1992 (continued)**

| RESOURCE AREA<br>AND INDUSTRY | BARK RESIDUE      |         |               |         |        |             |                |
|-------------------------------|-------------------|---------|---------------|---------|--------|-------------|----------------|
|                               | USED <sup>a</sup> |         |               |         | UNUSED | ALL<br>BARK | ALL<br>RESIDUE |
|                               | PULP AND<br>BOARD | FUEL    | MISCELLANEOUS | TOTAL   |        |             |                |
|                               |                   |         |               |         |        |             |                |
| <u>TONS. DRY WEIGHT</u>       |                   |         |               |         |        |             |                |
| NORTH COAST:                  |                   |         |               |         |        |             |                |
| LUMBER <sup>b</sup>           | --                | 360,068 | 59,673        | 419,741 | 10,010 | 429,751     | 1,913,645      |
| SHAKE AND SHINGLE             | --                | 101     | 7             | 108     | --     | 108         | 385            |
| TOTAL                         | --                | 360,169 | 59,680        | 419,849 | 10,010 | 429,859     | 1,914,030      |
| CENTRAL COAST:                |                   |         |               |         |        |             |                |
| LUMBER <sup>b</sup>           | --                | --      | --            | --      | --     | --          | --             |
| NORTH INTERIOR:               |                   |         |               |         |        |             |                |
| LUMBER                        | --                | 223,720 | 1,020         | 224,740 | --     | 224,740     | 1,001,691      |
| TOTAL                         | --                | 223,720 | 1,020         | 224,740 | --     | 224,740     | 1,001,691      |
| SACRAMENTO:                   |                   |         |               |         |        |             |                |
| LUMBER                        | --                | 141,151 | 17,216        | 158,367 | --     | 158,367     | 717,079        |
| TOTAL                         | --                | 141,151 | 17,216        | 158,367 | --     | 158,367     | 717,079        |
| SAN JOAQUIN:                  |                   |         |               |         |        |             |                |
| LUMBER                        | --                | 46,891  | 66,634        | 113,525 | --     | 113,525     | 507,983        |
| TOTAL                         | --                | 46,891  | 66,634        | 113,525 | --     | 113,525     | 507,983        |
| SOUTHERN:                     |                   |         |               |         |        |             |                |
| POST, POLE, AND PILING        | 2,141             | --      | --            | 2,141   | --     | 2,141       | 2,141          |
| ALL AREAS:                    |                   |         |               |         |        |             |                |
| LUMBER                        | --                | 771,830 | 144,543       | 916,373 | 10,010 | 926,383     | 4,140,398      |
| SHAKE AND SHINGLE             | --                | 101     | 7             | 108     | --     | 108         | 385            |
| POST, POLE, AND PILING        | 2,141             | --      | --            | 2,141   | --     | 2,141       | 2,141          |
| TOTAL                         | 2,141             | 771,931 | 144,550       | 918,622 | 10,010 | 928,632     | 4,142,924      |

<sup>a</sup> Residues are not necessarily used in the area in which they are produced; included are residues exported from California.

<sup>b</sup> Central Coast and North Coast combined to avoid disclosure.

Table 10--Number of sawmills by resource area, county, and mill-size class, California, 1992

| RESOURCE AREA<br>AND COUNTY | MILL-SIZE CLASS <sup>a</sup> |    |    |    | ALL<br>CLASSES |
|-----------------------------|------------------------------|----|----|----|----------------|
|                             | D                            | C  | B  | A  |                |
| <b>NORTH COAST:</b>         |                              |    |    |    |                |
| DEL NORTE                   | --                           | -- | 1  | -- | 1              |
| HUMBOLDT                    | 1                            | -- | 1  | 10 | 12             |
| MENDOCINO                   | 1                            | -- | -- | 5  | 6              |
| SONOMA                      | --                           | 2  | -- | 2  | 4              |
| <b>TOTAL</b>                | 2                            | 2  | 2  | 17 | 23             |
| <b>CENTRAL COAST:</b>       |                              |    |    |    |                |
| SANTA CRUZ                  | --                           | 1  | 1  | -- | 2              |
| <b>TOTAL</b>                | --                           | 1  | 1  | -- | 2              |
| <b>NORTH INTERIOR:</b>      |                              |    |    |    |                |
| LASSEN                      | --                           | -- | 2  | 2  | 4              |
| MODOC                       | --                           | -- | -- | 1  | 1              |
| SHASTA                      | --                           | 1  | 1  | 4  | 6              |
| SISKIYOU                    | --                           | -- | -- | 3  | 3              |
| TRINITY                     | --                           | -- | -- | 2  | 2              |
| <b>TOTAL</b>                | --                           | 1  | 3  | 12 | 16             |
| <b>SACRAMENTO:</b>          |                              |    |    |    |                |
| BUTTE                       | 1                            | -- | -- | -- | 1              |
| EL DORADO                   | --                           | -- | -- | 2  | 2              |
| NEVADA                      | 1                            | -- | -- | -- | 1              |
| PLACER                      | --                           | -- | -- | 1  | 1              |
| PLUMAS                      | --                           | -- | 1  | 1  | 2              |
| SIERRA                      | --                           | -- | -- | 1  | 1              |
| <b>TOTAL</b>                | 2                            | -- | 1  | 5  | 8              |
| <b>SAN JOAQUIN:</b>         |                              |    |    |    |                |
| AMADOR                      | --                           | -- | -- | 2  | 2              |
| MADERA                      | --                           | -- | 1  | -- | 1              |
| TULARE                      | --                           | -- | -- | 1  | 1              |
| TUOLUMNE                    | --                           | -- | 1  | 2  | 3              |
| <b>TOTAL</b>                | --                           | -- | 2  | 5  | 7              |
| <b>SOUTHERN</b>             | --                           | -- | -- | -- | --             |
| <b>ALL AREAS</b>            | 4                            | 4  | 9  | 39 | 56             |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

**Table 11--Installed 8-hour capacity of sawmills by resource area, county, and mill-size class, California, 1992**

| RESOURCE AREA<br>AND COUNTY              | MILL-SIZE CLASS <sup>a</sup> |     |     |       | ALL<br>CLASSES |
|------------------------------------------|------------------------------|-----|-----|-------|----------------|
|                                          | D                            | C   | B   | A     |                |
| <u>THOUSAND BOARD FEET, LUMBER TALLY</u> |                              |     |     |       |                |
| NORTH COAST:                             |                              |     |     |       |                |
| DEL NORTE                                | --                           | --  | 85  | --    | 85             |
| HUMBOLDT                                 | 3                            | --  | 90  | 2,534 | 2,627          |
| MENDOCINO                                | 3                            | --  | --  | 949   | 952            |
| SONOMA                                   | --                           | 90  | --  | 445   | 535            |
| TOTAL                                    | 6                            | 90  | 175 | 3,928 | 4,199          |
| CENTRAL COAST:                           |                              |     |     |       |                |
| SANTA CRUZ                               | --                           | 50  | 110 | --    | 160            |
| TOTAL                                    | --                           | 50  | 110 | --    | 160            |
| NORTH INTERIOR:                          |                              |     |     |       |                |
| LASSEN                                   | --                           | --  | 215 | 355   | 570            |
| MODOC                                    | --                           | --  | --  | 125   | 125            |
| SHASTA                                   | --                           | 50  | 110 | 825   | 985            |
| SISKIYOU                                 | --                           | --  | --  | 482   | 482            |
| TRINITY                                  | --                           | --  | --  | 400   | 400            |
| TOTAL                                    | --                           | 50  | 325 | 2,187 | 2,562          |
| SACRAMENTO:                              |                              |     |     |       |                |
| BUTTE                                    | 8                            | --  | --  | --    | 8              |
| EL DORADO                                | --                           | --  | --  | 700   | 700            |
| NEVADA                                   | 3                            | --  | --  | --    | 3              |
| PLACER                                   | --                           | --  | --  | 400   | 400            |
| PLUMAS                                   | --                           | --  | 100 | 300   | 400            |
| SIERRA                                   | --                           | --  | --  | 200   | 200            |
| TOTAL                                    | 11                           | --  | 100 | 1,600 | 1,711          |
| SAN JOAQUIN:                             |                              |     |     |       |                |
| AMADOR                                   | --                           | --  | --  | 600   | 600            |
| MADERA                                   | --                           | --  | 105 | --    | 105            |
| TULARE                                   | --                           | --  | --  | 235   | 235            |
| TUOLUMNE                                 | --                           | --  | 100 | 325   | 425            |
| TOTAL                                    | --                           | --  | 205 | 1,160 | 1,365          |
| SOUTHERN                                 | --                           | --  | --  | --    | --             |
| ALL AREAS                                | 17                           | 190 | 915 | 8,875 | 9,997          |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

Table 12--Number of sawmills by resource area, selected equipment, and mill-size class, California, 1992

| RESOURCE AREA AND<br>SELECTED EQUIPMENT | MILL-SIZE CLASS <sup>a</sup> |    |    |    | ALL<br>CLASSES |
|-----------------------------------------|------------------------------|----|----|----|----------------|
|                                         | D                            | C  | B  | A  |                |
| <b>NORTH COAST:</b>                     |                              |    |    |    |                |
| BARKER                                  | 1                            | 2  | 2  | 15 | 20             |
| CHIPPER                                 | 1                            | 1  | 2  | 15 | 19             |
| PLANER                                  | 2                            | 2  | 1  | 1  | 21             |
| BURNER                                  | --                           | -- | 1  | 2  | 3              |
| KILN                                    | --                           | -- | 1  | 9  | 10             |
| <b>CENTRAL COAST:</b>                   |                              |    |    |    |                |
| BARKER                                  | --                           | 1  | -- | -- | 1              |
| CHIPPER                                 | --                           | -- | 1  | -- | 1              |
| PLANER                                  | --                           | 1  | 1  | -- | 2              |
| BURNER                                  | --                           | -- | -- | -- | --             |
| KILN                                    | --                           | -- | -- | -- | --             |
| <b>NORTH INTERIOR:</b>                  |                              |    |    |    |                |
| BARKER                                  | --                           | 1  | 3  | 11 | 15             |
| CHIPPER                                 | --                           | 1  | 3  | 11 | 15             |
| PLANER                                  | --                           | -- | 3  | 10 | 13             |
| BURNER                                  | --                           | -- | -- | -- | --             |
| KILN                                    | --                           | -- | 3  | 11 | 14             |
| <b>SACRAMENTO:</b>                      |                              |    |    |    |                |
| BARKER                                  | --                           | -- | 1  | 5  | 6              |
| CHIPPER                                 | --                           | -- | 1  | 5  | 6              |
| PLANER                                  | 2                            | -- | 1  | 5  | 8              |
| BURNER                                  | --                           | -- | -- | 1  | 1              |
| KILN                                    | --                           | -- | -- | 5  | 5              |
| <b>SAN JOAQUIN:</b>                     |                              |    |    |    |                |
| BARKER                                  | --                           | -- | 2  | 5  | 7              |
| CHIPPER                                 | --                           | -- | 2  | 5  | 7              |
| PLANER                                  | --                           | -- | 1  | 4  | 5              |
| BURNER                                  | --                           | -- | -- | -- | --             |
| KILN                                    | --                           | -- | 1  | 4  | 5              |
| <b>SOUTHERN:</b>                        |                              |    |    |    |                |
| BARKER                                  | --                           | -- | -- | -- | --             |
| CHIPPER                                 | --                           | -- | -- | -- | --             |
| PLANER                                  | --                           | -- | -- | -- | --             |
| BURNER                                  | --                           | -- | -- | -- | --             |
| KILN                                    | --                           | -- | -- | -- | --             |
| <b>ALL AREAS:</b>                       |                              |    |    |    |                |
| BARKER                                  | 1                            | 4  | 8  | 36 | 49             |
| CHIPPER                                 | 1                            | 2  | 9  | 36 | 48             |
| PLANER                                  | 4                            | 3  | 7  | 35 | 49             |
| BURNER                                  | --                           | -- | 1  | 3  | 4              |
| KILN                                    | --                           | -- | 5  | 29 | 34             |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

Table 13--Number of sawmills by resource area, county, and selected equipment, California, 1992

| RESOURCE AREA<br>AND COUNTY | BARKER    | CHIPPER   | PLANER    | BURNER    | KILN      |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|
| <b>NORTH COAST:</b>         |           |           |           |           |           |
| DEL NORTE                   | 1         | 1         | 1         | 1         | 1         |
| HUMBOLDT                    | 9         | 9         | 10        | 1         | 6         |
| MENDOCINO                   | 6         | 6         | 6         | 1         | 2         |
| SONOMA                      | 4         | 3         | 4         | --        | 1         |
| <b>TOTAL</b>                | <b>20</b> | <b>19</b> | <b>21</b> | <b>3</b>  | <b>10</b> |
| <b>CENTRAL COAST:</b>       |           |           |           |           |           |
| SANTA CRUZ                  | 1         | 1         | 2         | --        | --        |
| <b>TOTAL</b>                | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>--</b> | <b>--</b> |
| <b>NORTH INTERIOR:</b>      |           |           |           |           |           |
| LASSEN                      | 4         | 3         | 4         | --        | 4         |
| MODOC                       | --        | 1         | 1         | --        | --        |
| SHASTA                      | 6         | 6         | 4         | --        | 5         |
| SISKIYOU                    | 3         | 3         | 3         | --        | 3         |
| TRINITY                     | 2         | 2         | 1         | --        | 2         |
| <b>TOTAL</b>                | <b>15</b> | <b>15</b> | <b>13</b> | <b>--</b> | <b>14</b> |
| <b>SACRAMENTO:</b>          |           |           |           |           |           |
| BUTTE                       | --        | --        | 1         | --        | --        |
| EL DORADO                   | 2         | 2         | 2         | --        | 2         |
| NEVADA                      | --        | --        | 1         | --        | --        |
| PLACER                      | 1         | 1         | 1         | 1         | 1         |
| PLUMAS                      | 2         | 2         | 2         | --        | 1         |
| SIERRA                      | 1         | 1         | 1         | --        | 1         |
| <b>TOTAL</b>                | <b>6</b>  | <b>6</b>  | <b>8</b>  | <b>1</b>  | <b>5</b>  |
| <b>SAN JOAQUIN:</b>         |           |           |           |           |           |
| AMADOR                      | 2         | 2         | 1         | --        | 1         |
| MADERA                      | 1         | 1         | 1         | --        | 1         |
| TULARE                      | 1         | 1         | 1         | --        | 1         |
| TUOLUMNE                    | 3         | 3         | 2         | --        | 2         |
| <b>TOTAL</b>                | <b>7</b>  | <b>7</b>  | <b>5</b>  | <b>--</b> | <b>5</b>  |
| <b>SOUTHERN:</b>            | <b>--</b> | <b>--</b> | <b>--</b> | <b>--</b> | <b>--</b> |
| <b>ALL AREAS</b>            | <b>49</b> | <b>48</b> | <b>49</b> | <b>4</b>  | <b>34</b> |

Table 14—Number of sawmills by resource area, mill-size class, and type and size of headrig<sup>a</sup>, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>b</sup> | CIRCULAR SAW |      |      |      |        | BAND SAW |      |      |      |        | GANG SAW |      |      | CHIPPING SAW |      |      | SCRAGG<br>DOUBLE-CUT SAW |      |      |
|---------------------------------------------------|--------------|------|------|------|--------|----------|------|------|------|--------|----------|------|------|--------------|------|------|--------------------------|------|------|
|                                                   | 2 ft         | 4 ft | 6 ft | 8 ft | 10+ ft | 2 ft     | 4 ft | 6 ft | 8 ft | 10+ ft | 2 ft     | 3 ft | 4 ft | 2 ft         | 3 ft | 4 ft | 2 ft                     | 3 ft | 4 ft |
| <b>NORTH COAST:</b>                               |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | 1    | --   | --   | --     | --       | 1    | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | 2    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | 2    | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | --   | --   | --     | 1        | 5    | 8    | 3    | --     | --       | 1    | --   | 1            | --   | --   | 1                        | --   | --   |
| <b>TOTAL</b>                                      | --           | 1    | --   | --   | --     | 1        | 6    | 12   | 3    | --     | --       | 1    | --   | 1            | --   | --   | 1                        | --   | --   |
| <b>CENTRAL COAST:</b>                             |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | 1    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | --   | 1    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| <b>TOTAL</b>                                      | --           | --   | --   | --   | --     | --       | --   | 2    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| <b>NORTH INTERIOR:</b>                            |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | 1    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | 1    | 2    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | --   | --   | --     | 1        | 2    | 8    | 1    | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| <b>TOTAL</b>                                      | --           | --   | --   | --   | --     | 1        | 3    | 11   | 1    | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| <b>SACRAMENTO:</b>                                |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | 1    | --   | --   | 1      | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | --   | 1    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | --   | --   | --     | --       | 1    | 4    | --   | --     | --       | 1    | --   | --           | --   | --   | --                       | --   | --   |
| <b>TOTAL</b>                                      | --           | 1    | --   | --   | 1      | --       | 1    | 5    | --   | --     | --       | 1    | --   | --           | --   | --   | --                       | --   | --   |
| <b>SAN JOAQUIN:</b>                               |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | --   | 2    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | 1    | --   | --     | --       | --   | 3    | --   | --     | --       | 1    | --   | --           | --   | --   | --                       | --   | --   |
| <b>TOTAL</b>                                      | --           | --   | 1    | --   | --     | --       | --   | 5    | --   | --     | --       | 1    | --   | --           | --   | --   | --                       | --   | --   |
| <b>SOUTHERN:</b>                                  |              |      |      |      |        |          |      |      |      |        |          |      |      |              |      |      |                          |      |      |
| D                                                 | --           | --   | --   | --   | --     | --       | --   | --   | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| C                                                 | --           | --   | --   | --   | --     | --       | --   | 4    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| B                                                 | --           | --   | --   | --   | --     | --       | 1    | 8    | --   | --     | --       | --   | --   | --           | --   | --   | --                       | --   | --   |
| A                                                 | --           | --   | 1    | --   | --     | 2        | 8    | 23   | 4    | --     | --       | 3    | --   | 1            | --   | --   | 1                        | --   | --   |
| <b>TOTAL</b>                                      | --           | 2    | 1    | --   | 1      | 2        | 10   | 35   | 4    | --     | --       | 3    | --   | 1            | --   | --   | 1                        | --   | --   |

<sup>a</sup> Headrig sizes are upper limits; for example, the 6-foot size-class includes 49 through 72 inches.<sup>b</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

# Sawmill Industry

**Table 15--Number of sawmills by mill-size class, years at present site, and tenure of present owner, California, 1992**

| MILL SIZE CLASS <sup>a</sup> AND<br>YEARS AT PRESENT SITE | TENURE OF PRESENT OWNER (YEARS) |     |      |       |         | ALL<br>MILLS |
|-----------------------------------------------------------|---------------------------------|-----|------|-------|---------|--------------|
|                                                           | 0-2                             | 3-5 | 6-10 | 11-20 | 21 PLUS |              |
| <b>D:</b>                                                 |                                 |     |      |       |         |              |
| 11-20                                                     | --                              | --  | 1    | 2     | --      | 3            |
| 21 PLUS                                                   | 1                               | --  | --   | --    | --      | 1            |
| <b>TOTAL</b>                                              | 1                               | --  | 1    | 2     | --      | 4            |
| <b>C:</b>                                                 |                                 |     |      |       |         |              |
| 6-10                                                      | 1                               | --  | --   | --    | --      | 1            |
| 11-20                                                     | --                              | --  | --   | 1     | --      | 1            |
| 21 PLUS                                                   | --                              | --  | --   | --    | 2       | 2            |
| <b>TOTAL</b>                                              | 1                               | --  | --   | 1     | 2       | 4            |
| <b>B:</b>                                                 |                                 |     |      |       |         |              |
| 11-20                                                     | --                              | --  | 1    | --    | --      | 1            |
| 21 PLUS                                                   | --                              | 1   | --   | 5     | 2       | 8            |
| <b>TOTAL</b>                                              | --                              | 1   | 1    | 5     | 2       | 9            |
| <b>A:</b>                                                 |                                 |     |      |       |         |              |
| 3-5                                                       | 1                               | 1   | --   | --    | --      | 2            |
| 6-10                                                      | --                              | --  | 1    | --    | --      | 1            |
| 11-20                                                     | 1                               | 1   | 1    | 1     | --      | 4            |
| 21 PLUS                                                   | 2                               | 3   | 6    | 13    | 8       | 32           |
| <b>TOTAL</b>                                              | 4                               | 5   | 8    | 14    | 8       | 39           |
| <b>ALL CLASSES:</b>                                       |                                 |     |      |       |         |              |
| 3-5                                                       | 1                               | 1   | --   | --    | --      | 2            |
| 6-10                                                      | 1                               | --  | 1    | --    | --      | 2            |
| 11-20                                                     | 1                               | 1   | 3    | 4     | --      | 9            |
| 21 PLUS                                                   | 3                               | 4   | 6    | 18    | 12      | 43           |
| <b>TOTAL</b>                                              | 6                               | 6   | 10   | 22    | 12      | 56           |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999;  
B = 80,000-119,999; A = 120,000 or more.

**Table 16--Average number of operating days per year and average number of shifts per day by sawmills, by resource area and mill-size class, California, 1992**

| RESOURCE AREA                 | MILL-SIZE CLASS <sup>a</sup> |      |      |      | ALL CLASSES |
|-------------------------------|------------------------------|------|------|------|-------------|
|                               | D                            | C    | B    | A    |             |
| <u>AVERAGE DAYS PER YEAR</u>  |                              |      |      |      |             |
| NORTH COAST                   | 170                          | 238  | 249  | 238  | 233         |
| CENTRAL COAST                 | --                           | 230  | 200  | --   | 215         |
| NORTH INTERIOR                | --                           | 253  | 251  | 222  | 229         |
| SACRAMENTO                    | 246                          | --   | 250  | 233  | 239         |
| SAN JOAQUIN                   | --                           | --   | 170  | 238  | 219         |
| SOUTHERN                      | --                           | --   | --   | --   | --          |
| ALL AREAS <sup>b</sup>        | 208                          | 240  | 227  | 232  | 230         |
| <u>AVERAGE SHIFTS PER DAY</u> |                              |      |      |      |             |
| NORTH COAST                   | 1.00                         | 1.00 | 1.50 | 1.76 | 1.50        |
| CENTRAL COAST                 | --                           | 1.00 | 1.00 | --   | 1.00        |
| NORTH INTERIOR                | --                           | 1.00 | 1.67 | 1.58 | 1.63        |
| SACRAMENTO                    | 1.00                         | --   | 1.00 | 2.00 | 1.63        |
| SAN JOAQUIN                   | --                           | --   | 1.00 | 1.80 | 1.57        |
| SOUTHERN                      | --                           | --   | --   | --   | --          |
| ALL AREAS <sup>b</sup>        | 1.00                         | 1.25 | 1.22 | 1.74 | 1.59        |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Average of all mills within each mill-size class.

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Table 17--Wood consumption by sawmills, by resource area, mill-size class, and type of material, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | ROUNDWOOD  |                 |                  | OTHER WOOD      |       | ALL<br>WOOD |
|---------------------------------------------------|------------|-----------------|------------------|-----------------|-------|-------------|
|                                                   | SOUND LOGS | UTILITY<br>LOGS | ALL<br>ROUNDWOOD | PEELER<br>CORES | CANTS |             |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>     |            |                 |                  |                 |       |             |
| NORTH COAST: <sup>b</sup>                         |            |                 |                  |                 |       |             |
| C AND D <sup>c</sup>                              | 22,603     | 808             | 23,411           | --              | --    | 23,411      |
| B                                                 | 52,941     | 3,734           | 56,675           | --              | --    | 56,675      |
| A                                                 | 824,714    | 56,850          | 881,564          | --              | --    | 881,564     |
| TOTAL                                             | 900,258    | 61,392          | 961,650          | --              | --    | 961,650     |
| CENTRAL COAST <sup>b</sup>                        | --         | --              | --               | --              | --    | --          |
| NORTH INTERIOR:                                   |            |                 |                  |                 |       |             |
| B AND C <sup>c</sup>                              | 96,650     | 6,350           | 103,000          | --              | --    | 103,000     |
| A                                                 | 437,726    | 30,435          | 468,161          | --              | --    | 468,161     |
| TOTAL                                             | 534,376    | 36,785          | 571,161          | --              | --    | 571,161     |
| SACRAMENTO:                                       |            |                 |                  |                 |       |             |
| B AND D <sup>c</sup>                              | 11,499     | 280             | 11,779           | --              | --    | 11,779      |
| A                                                 | 366,695    | 1,600           | 368,295          | --              | --    | 368,295     |
| TOTAL                                             | 378,194    | 1,880           | 380,074          | --              | --    | 380,074     |
| SAN JOAQUIN:                                      |            |                 |                  |                 |       |             |
| A AND B <sup>c</sup>                              | 247,074    | 55,395          | 302,469          | --              | --    | 302,469     |
| TOTAL                                             | 247,074    | 55,395          | 302,469          | --              | --    | 302,469     |
| SOUTHERN                                          | --         | --              | --               | --              | --    | --          |
| ALL AREAS:                                        |            |                 |                  |                 |       |             |
| D                                                 | --         | --              | --               | --              | --    | --          |
| C                                                 | 22,603     | 808             | 23,411           | --              | --    | 23,411      |
| B                                                 | 161,090    | 10,364          | 171,454          | --              | --    | 171,454     |
| A                                                 | 1,876,209  | 144,280         | 2,020,489        | --              | --    | 2,020,489   |
| TOTAL                                             | 2,059,902  | 155,452         | 2,215,354        | --              | --    | 2,215,354   |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>c</sup> Combined to avoid disclosure.

**Table 18--Log consumption by sawmills, by resource area, mill-size class, and age group of timber, California, 1992**

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | 100 YEARS AND OLDER | LESS THAN 100 YEARS | ALL AGE<br>GROUPS |
|---------------------------------------------------|---------------------|---------------------|-------------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>     |                     |                     |                   |
| NORTH COAST <sup>b</sup> :                        |                     |                     |                   |
| C AND D <sup>c</sup>                              | 2,769               | 20,642              | 23,411            |
| B                                                 | 48,967              | 7,708               | 56,675            |
| A                                                 | 136,508             | 745,056             | 881,564           |
| TOTAL                                             | 188,244             | 773,406             | 961,650           |
| CENTRAL COAST <sup>b</sup>                        | --                  | --                  | --                |
| NORTH INTERIOR:                                   |                     |                     |                   |
| B AND C <sup>c</sup>                              | 74,900              | 28,100              | 103,000           |
| A                                                 | 156,645             | 311,516             | 468,161           |
| TOTAL                                             | 231,545             | 339,616             | 571,161           |
| SACRAMENTO:                                       |                     |                     |                   |
| B AND D <sup>c</sup>                              | 5,585               | 6,194               | 11,779            |
| A                                                 | 128,583             | 239,712             | 368,295           |
| TOTAL                                             | 134,168             | 245,906             | 380,074           |
| SAN JOAQUIN:                                      |                     |                     |                   |
| A AND B <sup>c</sup>                              | 162,743             | 139,726             | 302,469           |
| TOTAL                                             | 162,743             | 139,726             | 302,469           |
| SOUTHERN                                          | --                  | --                  | --                |
| ALL AREAS:                                        |                     |                     |                   |
| D                                                 | --                  | --                  | --                |
| C                                                 | 2,769               | 20,642              | 23,411            |
| B                                                 | 129,452             | 42,002              | 171,454           |
| A                                                 | 584,479             | 1,436,010           | 2,020,489         |
| TOTAL                                             | 716,700             | 1,498,654           | 2,215,354         |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>c</sup> Combined to avoid disclosure.

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**Table 19--Log consumption by sawmills, by resource area, county of use, and age group of timber, California, 1992**

| RESOURCE AREA AND<br>COUNTY OF USE            | 100 YEARS AND OLDER | LESS THAN 100 YEARS | ALL AGE<br>GROUPS |
|-----------------------------------------------|---------------------|---------------------|-------------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |                     |                     |                   |
| <b>NORTH COAST:</b>                           |                     |                     |                   |
| DEL NORTE AND HUMBOLDT <sup>a</sup>           | 145,725             | 493,149             | 638,874           |
| MENDOCINO                                     | 35,796              | 223,883             | 259,679           |
| SONOMA <sup>b</sup>                           | 6,723               | 56,374              | 63,097            |
| <b>TOTAL</b>                                  | <b>188,244</b>      | <b>773,406</b>      | <b>961,650</b>    |
| <b>CENTRAL COAST:</b>                         |                     |                     |                   |
| SANTA CRUZ <sup>b</sup>                       | --                  | --                  | --                |
| <b>NORTH INTERIOR:</b>                        |                     |                     |                   |
| LASSEN AND MODOC <sup>a</sup>                 | 73,823              | 105,305             | 179,128           |
| SHASTA                                        | 76,522              | 167,910             | 244,432           |
| SISKIYOU AND TRINITY <sup>a</sup>             | 81,200              | 66,401              | 147,601           |
| <b>TOTAL</b>                                  | <b>231,545</b>      | <b>339,616</b>      | <b>571,161</b>    |
| <b>SACRAMENTO:</b>                            |                     |                     |                   |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | 81,148              | 85,369              | 166,517           |
| EL DORADO, NEVADA, AND<br>PLACER <sup>a</sup> | 53,020              | 160,537             | 213,557           |
| <b>TOTAL</b>                                  | <b>134,168</b>      | <b>254,906</b>      | <b>380,074</b>    |
| <b>SAN JOAQUIN:</b>                           |                     |                     |                   |
| AMADOR, MADERA, AND<br>TULARE <sup>a</sup>    | 130,236             | 90,724              | 193,960           |
| TOULUMNE                                      | 59,507              | 49,002              | 108,509           |
| <b>TOTAL</b>                                  | <b>162,743</b>      | <b>139,726</b>      | <b>302,469</b>    |
| <b>SOUTHERN</b>                               | <b>--</b>           | <b>--</b>           | <b>--</b>         |
| <b>ALL AREAS</b>                              | <b>716,700</b>      | <b>1,498,654</b>    | <b>2,215,354</b>  |

<sup>a</sup> Combined to avoid disclosure.

<sup>b</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

Table 20--Log consumption by sawmills, by resource area, mill-size class, and owner, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | STATE  | NATIONAL<br>FOREST | BUREAU OF<br>LAND<br>MANAGEMENT | OTHER<br>PUBLIC | FOREST INDUSTRY    |                      |                  | ALL<br>OWNERS |
|---------------------------------------------------|--------|--------------------|---------------------------------|-----------------|--------------------|----------------------|------------------|---------------|
|                                                   |        |                    |                                 |                 | OWN WOOD<br>SUPPLY | OTHER WOOD<br>SUPPLY | OTHER<br>PRIVATE |               |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>     |        |                    |                                 |                 |                    |                      |                  |               |
| NORTH COAST <sup>b</sup> :                        |        |                    |                                 |                 |                    |                      |                  |               |
| C AND D <sup>c</sup>                              | --     | --                 | --                              | --              | --                 | --                   | 23,411           | 23,411        |
| B                                                 | --     | 288                | --                              | --              | 42,215             | 7,040                | 7,132            | 56,675        |
| A                                                 | 10,363 | 29,250             | --                              | 2,000           | 589,469            | 71,574               | 178,908          | 881,564       |
| TOTAL                                             | 10,363 | 29,538             | --                              | 2,000           | 631,684            | 78,614               | 209,451          | 961,650       |
| CENTRAL COAST <sup>b</sup>                        | --     | --                 | --                              | --              | --                 | --                   | --               | --            |
| NORTH INTERIOR:                                   |        |                    |                                 |                 |                    |                      |                  |               |
| B AND C <sup>c</sup>                              | 1,500  | 63,050             | 6,350                           | 350             | 1,750              | 5,250                | 24,750           | 103,000       |
| A                                                 | --     | 206,585            | 6,184                           | 18,200          | 132,191            | 53,640               | 51,361           | 468,161       |
| TOTAL                                             | 1,500  | 269,635            | 12,534                          | 18,550          | 133,941            | 58,890               | 76,111           | 571,161       |
| SACRAMENTO:                                       |        |                    |                                 |                 |                    |                      |                  |               |
| B AND D <sup>c</sup>                              | --     | 20                 | --                              | --              | --                 | 11,379               | 380              | 11,779        |
| A                                                 | --     | 150,515            | 1,100                           | --              | 96,186             | 86,580               | 33,914           | 368,295       |
| TOTAL                                             | --     | 150,535            | 1,100                           | --              | 96,186             | 97,959               | 34,294           | 380,074       |
| SAN JOAQUIN:                                      |        |                    |                                 |                 |                    |                      |                  |               |
| A AND B <sup>c</sup>                              | --     | 156,559            | --                              | 1,324           | 102,657            | 15,400               | 26,529           | 302,469       |
| TOTAL                                             | --     | 156,559            | --                              | 1,324           | 102,657            | 15,400               | 26,529           | 302,469       |
| SOUTHERN                                          | --     | --                 | --                              | --              | --                 | --                   | --               | --            |
| ALL AREAS:                                        |        |                    |                                 |                 |                    |                      |                  |               |
| D                                                 | --     | --                 | --                              | --              | --                 | --                   | --               | --            |
| C                                                 | --     | --                 | --                              | --              | --                 | --                   | 23,411           | 23,411        |
| B                                                 | 1,500  | 63,358             | 6,350                           | 350             | 43,965             | 23,669               | 32,262           | 171,454       |
| A                                                 | 10,363 | 542,909            | 7,284                           | 21,524          | 920,503            | 227,194              | 290,712          | 2,020,489     |
| TOTAL                                             | 11,863 | 606,267            | 13,634                          | 21,874          | 964,468            | 250,863              | 346,385          | 2,215,354     |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>c</sup> Combined to avoid disclosure.

Table 21--Log consumption by sawmills, by resource area, county of use, and owner, California, 1992

| RESOURCE AREA AND<br>COUNTY OF USE            | STATE  | NATIONAL<br>FOREST | BUREAU OF<br>LAND<br>MANAGEMENT | OTHER<br>PUBLIC | FOREST INDUSTRY    |                      |                  | ALL<br>OWNERS |
|-----------------------------------------------|--------|--------------------|---------------------------------|-----------------|--------------------|----------------------|------------------|---------------|
|                                               |        |                    |                                 |                 | OWN WOOD<br>SUPPLY | OTHER WOOD<br>SUPPLY | OTHER<br>PRIVATE |               |
| <u>THOUSAND BOARD FEET. SCRIBNER LOG RULE</u> |        |                    |                                 |                 |                    |                      |                  |               |
| NORTH COAST:                                  |        |                    |                                 |                 |                    |                      |                  |               |
| DEL NORTE AND<br>HUMBOLDT <sup>a</sup>        | --     | 29,538             | --                              | 2,000           | 457,608            | 78,614               | 71,114           | 638,874       |
| MENDOCINO                                     | 10,363 | --                 | --                              | --              | 166,637            | --                   | 82,679           | 259,679       |
| SONOMA <sup>b</sup>                           | --     | --                 | --                              | --              | 7,439              | --                   | 55,658           | 63,097        |
| TOTAL                                         | 10,363 | 29,538             | --                              | 2,000           | 631,684            | 78,614               | 209,451          | 961,650       |
| CENTRAL COAST:                                |        |                    |                                 |                 |                    |                      |                  |               |
| SANTA CRUZ <sup>b</sup>                       | --     | --                 | --                              | --              | --                 | --                   | --               | --            |
| NORTH INTERIOR:                               |        |                    |                                 |                 |                    |                      |                  |               |
| LASSEN AND MODOC <sup>a</sup>                 | --     | 149,095            | 746                             | 3,911           | 1,750              | 13,163               | 10,463           | 179,128       |
| SHASTA                                        | 1,500  | 63,086             | 11,629                          | 160             | 91,457             | 37,630               | 38,970           | 244,432       |
| SISKIYOU AND<br>TRINITY <sup>a</sup>          | --     | 57,454             | 159                             | 14,479          | 40,734             | 8,097                | 26,678           | 147,601       |
| TOTAL                                         | 1,500  | 269,635            | 12,534                          | 18,550          | 133,941            | 58,890               | 76,111           | 571,161       |
| SACRAMENTO:                                   |        |                    |                                 |                 |                    |                      |                  |               |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | --     | 63,568             | --                              | --              | 31,028             | 63,407               | 8,514            | 166,517       |
| EL DORADO, NEVADA<br>PLACER <sup>a</sup>      | --     | 86,967             | 1,100                           | --              | 65,158             | 34,552               | 25,780           | 213,557       |
| TOTAL                                         | --     | 150,535            | 1,100                           | --              | 96,186             | 97,959               | 34,294           | 380,074       |
| SAN JOAQUIN:                                  |        |                    |                                 |                 |                    |                      |                  |               |
| AMADOR, MADERA, AND<br>TULARE <sup>a</sup>    | --     | 106,237            | --                              | 1,324           | 62,400             | 15,400               | 8,599            | 193,960       |
| TUOLUMNE                                      | --     | 50,322             | --                              | --              | 40,257             | --                   | 17,930           | 108,509       |
| TOTAL                                         | --     | 156,559            | --                              | 1,324           | 102,657            | 15,400               | 26,529           | 302,469       |
| SOUTHERN                                      | --     | --                 | --                              | --              | --                 | --                   | --               | --            |
| ALL AREAS                                     | 11,863 | 606,267            | 13,634                          | 21,874          | 964,468            | 250,863              | 346,385          | 2,215,354     |

<sup>a</sup> Combined to avoid disclosure.<sup>b</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

Table 22--Dependency (percent) of sawmills on timber by resource area, mill-size class, and owner, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | NATIONAL FOREST |       |        |         | STATE |       |        |         | BUREAU OF<br>LAND MANAGEMENT |       |        |         | OTHER PUBLIC |       |        |         |
|---------------------------------------------------|-----------------|-------|--------|---------|-------|-------|--------|---------|------------------------------|-------|--------|---------|--------------|-------|--------|---------|
|                                                   | 0%              | 1-32% | 33-66% | 67-100% | 0%    | 1-32% | 33-66% | 67-100% | 0%                           | 1-32% | 33-66% | 67-100% | 0%           | 1-32% | 33-66% | 67-100% |
| NUMBER OF MILLS                                   |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| NORTH COAST:                                      |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| D                                                 | 2               | --    | --     | --      | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| C                                                 | 2               | --    | --     | --      | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| B                                                 | 1               | 1     | --     | --      | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| A                                                 | 14              | 2     | 1      | --      | 13    | 4     | --     | --      | 17                           | --    | --     | --      | 16           | 1     | --     | --      |
| TOTAL                                             | 19              | 3     | 1      | --      | 19    | 4     | --     | --      | 23                           | --    | --     | --      | 22           | 1     | --     | --      |
| CENTRAL COAST:                                    |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| C                                                 | 1               | --    | --     | --      | 1     | --    | --     | --      | 1                            | --    | --     | --      | 1            | --    | --     | --      |
| B                                                 | 1               | --    | --     | --      | 1     | --    | --     | --      | 1                            | --    | --     | --      | 1            | --    | --     | --      |
| TOTAL                                             | 2               | --    | --     | --      | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| NORTH INTERIOR:                                   |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| C                                                 | --              | 1     | --     | --      | 1     | --    | --     | --      | 1                            | --    | --     | --      | 1            | --    | --     | --      |
| B                                                 | --              | --    | 1      | 2       | 2     | 1     | --     | --      | 1                            | 2     | --     | --      | 2            | 1     | --     | --      |
| A                                                 | 1               | 7     | 1      | 3       | 12    | --    | --     | --      | 7                            | 5     | --     | --      | 8            | 2     | 1      | 1       |
| TOTAL                                             | 1               | 8     | 2      | 5       | 15    | 1     | --     | --      | 9                            | 7     | --     | --      | 11           | 3     | 1      | 1       |
| SACRAMENTO:                                       |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| D                                                 | 1               | 1     | --     | --      | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| B                                                 | 1               | --    | --     | --      | 1     | --    | --     | --      | 1                            | --    | --     | --      | 1            | --    | --     | --      |
| A                                                 | --              | 2     | 3      | --      | 5     | --    | --     | --      | 4                            | 1     | --     | --      | 5            | --    | --     | --      |
| TOTAL                                             | 2               | 3     | 3      | --      | 8     | --    | --     | --      | 7                            | 1     | --     | --      | 8            | --    | --     | --      |
| SAN JOAQUIN:                                      |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| B                                                 | 1               | --    | --     | 1       | 2     | --    | --     | --      | 2                            | --    | --     | --      | 2            | --    | --     | --      |
| A                                                 | --              | 1     | 3      | 1       | 5     | --    | --     | --      | 5                            | --    | --     | --      | 4            | 1     | --     | --      |
| TOTAL                                             | 1               | 1     | 3      | 2       | 7     | --    | --     | --      | 7                            | --    | --     | --      | 6            | 1     | --     | --      |
| SOUTHERN                                          | --              | --    | --     | --      | --    | --    | --     | --      | --                           | --    | --     | --      | --           | --    | --     | --      |
| ALL AREAS:                                        |                 |       |        |         |       |       |        |         |                              |       |        |         |              |       |        |         |
| D                                                 | 3               | 1     | --     | --      | 4     | --    | --     | --      | 4                            | --    | --     | --      | 4            | --    | --     | --      |
| C                                                 | 3               | 1     | --     | --      | 4     | --    | --     | --      | 4                            | --    | --     | --      | 4            | --    | --     | --      |
| B                                                 | 4               | 1     | 1      | 3       | 8     | 1     | --     | --      | 7                            | 2     | --     | --      | 8            | 1     | --     | --      |
| A                                                 | 15              | 12    | 8      | 4       | 35    | 4     | --     | --      | 33                           | 6     | --     | --      | 33           | 4     | 1      | 1       |
| TOTAL                                             | 25              | 15    | 9      | 7       | 51    | 5     | --     | --      | 48                           | 8     | --     | --      | 49           | 5     | 1      | 1       |

See footnote at end of table.

Table 22--Dependency (percent) of sawmills on timber by resource area, mill-size class, and owner, California, 1992 (continued)

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | FOREST INDUSTRY |       |        |         |                   |       |        |         |               |       |        |         |
|---------------------------------------------------|-----------------|-------|--------|---------|-------------------|-------|--------|---------|---------------|-------|--------|---------|
|                                                   | OWN WOOD SUPPLY |       |        |         | OTHER WOOD SUPPLY |       |        |         | OTHER PRIVATE |       |        |         |
|                                                   | 0%              | 1-32% | 33-66% | 67-100% | 0%                | 1-32% | 33-66% | 67-100% | 0%            | 1-32% | 33-66% | 67-100% |
|                                                   | NUMBER OF MILLS |       |        |         |                   |       |        |         |               |       |        |         |
| NORTH COAST:                                      |                 |       |        |         |                   |       |        |         |               |       |        |         |
| D                                                 | 2               | --    | --     | --      | 2                 | --    | --     | --      | --            | --    | --     | 2       |
| C                                                 | 2               | --    | --     | --      | 2                 | --    | --     | --      | --            | --    | --     | 2       |
| B                                                 | --              | --    | 1      | 1       | 1                 | --    | 1      | --      | 2             | --    | --     | --      |
| A                                                 | 6               | 2     | --     | 9       | 12                | 3     | 2      | --      | 6             | 4     | 2      | 5       |
| TOTAL                                             | 10              | 2     | 1      | 10      | 17                | 3     | 3      | --      | 8             | 4     | 2      | 9       |
| CENTRAL COAST:                                    |                 |       |        |         |                   |       |        |         |               |       |        |         |
| C                                                 | 1               | --    | --     | --      | 1                 | --    | --     | --      | --            | --    | --     | 1       |
| B                                                 | --              | --    | 1      | --      | 1                 | --    | --     | --      | --            | --    | 1      | --      |
| TOTAL                                             | 1               | --    | 1      | --      | 2                 | --    | --     | --      | --            | --    | 1      | 1       |
| NORTH INTERIOR:                                   |                 |       |        |         |                   |       |        |         |               |       |        |         |
| C                                                 | 1               | --    | --     | --      | 1                 | --    | --     | --      | --            | --    | --     | 1       |
| B                                                 | 2               | 1     | --     | --      | 2                 | 1     | --     | --      | 1             | 2     | --     | --      |
| A                                                 | 7               | 2     | 2      | 1       | 5                 | 6     | 1      | --      | 1             | 8     | 2      | 1       |
| TOTAL                                             | 10              | 3     | 2      | 1       | 8                 | 7     | 1      | --      | 2             | 10    | 2      | 2       |
| SACRAMENTO:                                       |                 |       |        |         |                   |       |        |         |               |       |        |         |
| D                                                 | 2               | --    | --     | --      | 1                 | --    | --     | 1       | 1             | --    | --     | 1       |
| B                                                 | 1               | --    | --     | --      | --                | --    | --     | 1       | 1             | --    | --     | --      |
| A                                                 | --              | 4     | 1      | --      | 1                 | 2     | 2      | --      | 2             | 3     | --     | --      |
| TOTAL                                             | 3               | 4     | 1      | --      | 2                 | 2     | 2      | 2       | 4             | 3     | --     | 1       |
| SAN JOAQUIN:                                      |                 |       |        |         |                   |       |        |         |               |       |        |         |
| B                                                 | 2               | --    | --     | --      | 2                 | --    | --     | --      | --            | 1     | --     | 1       |
| A                                                 | 2               | --    | 3      | --      | 4                 | --    | --     | 1       | 2             | 3     | --     | --      |
| TOTAL                                             | 4               | --    | 3      | --      | 6                 | --    | --     | 1       | 2             | 4     | --     | 1       |
| SOUTHERN                                          | --              | --    | --     | --      | --                | --    | --     | --      | --            | --    | --     | --      |
| ALL AREAS:                                        |                 |       |        |         |                   |       |        |         |               |       |        |         |
| D                                                 | 4               | --    | --     | --      | 3                 | --    | --     | 1       | 1             | --    | --     | 3       |
| C                                                 | 4               | --    | --     | --      | 4                 | --    | --     | --      | --            | --    | --     | 4       |
| B                                                 | 5               | 1     | 2      | 1       | 6                 | 1     | 1      | 1       | 4             | 3     | 1      | 1       |
| A                                                 | 15              | 8     | 6      | 10      | 22                | 11    | 5      | 1       | 11            | 18    | 4      | 6       |
| TOTAL                                             | 28              | 9     | 8      | 11      | 35                | 12    | 6      | 3       | 16            | 21    | 5      | 14      |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

Table 23--Log consumption by sawmills, by resource area, mill-size class, and species, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | DOUGLAS-FIR | REDWOOD | TRUE FIRS | SUGAR<br>PINE | PONDEROSA<br>PINE | LODGEPOLE<br>PINE | INCENSE-<br>CEDAR | OTHER<br>SOFTWOODS | HARDWOODS | ALL<br>SPECIES |
|---------------------------------------------------|-------------|---------|-----------|---------------|-------------------|-------------------|-------------------|--------------------|-----------|----------------|
| THOUSAND BOARD FEET, SCRIBNER LOG RULE            |             |         |           |               |                   |                   |                   |                    |           |                |
| NORTH COAST <sup>b</sup> :                        |             |         |           |               |                   |                   |                   |                    |           |                |
| C AND D <sup>c</sup>                              | 6,948       | 15,903  | 50        | --            | --                | --                | --                | --                 | 510       | 23,411         |
| B                                                 | 8,780       | 47,895  | --        | --            | --                | --                | --                | --                 | --        | 56,675         |
| A                                                 | 341,241     | 484,912 | 30,959    | 871           | 7,868             | --                | --                | 15,713             | --        | 881,564        |
| TOTAL                                             | 356,969     | 548,710 | 31,009    | 871           | 7,868             | --                | --                | 15,713             | 510       | 961,650        |
| CENTRAL COAST <sup>b</sup>                        | --          | --      | --        | --            | --                | --                | --                | --                 | --        | --             |
| NORTH INTERIOR:                                   |             |         |           |               |                   |                   |                   |                    |           |                |
| B AND C <sup>c</sup>                              | --          | 6,000   | 15,750    | 25,800        | 55,450            | --                | --                | --                 | --        | 103,000        |
| A                                                 | 98,839      | --      | 163,113   | 36,730        | 118,146           | 6,613             | 37,680            | 7,040              | --        | 468,161        |
| TOTAL                                             | 98,839      | 6,000   | 178,863   | 62,530        | 173,596           | 6,613             | 37,680            | 7,040              | --        | 571,161        |
| SACRAMENTO:                                       |             |         |           |               |                   |                   |                   |                    |           |                |
| B AND D <sup>c</sup>                              | 160         | --      | 11,129    | --            | --                | --                | 410               | 80                 | --        | 11,779         |
| A                                                 | 40,814      | --      | 180,798   | 46,857        | 79,305            | --                | 20,521            | --                 | --        | 368,295        |
| TOTAL                                             | 40,974      | --      | 191,927   | 46,857        | 79,305            | --                | 20,931            | 80                 | --        | 380,074        |
| SAN JOAQUIN:                                      |             |         |           |               |                   |                   |                   |                    |           |                |
| A AND B <sup>c</sup>                              | 11,172      | --      | 106,115   | 40,453        | 109,987           | --                | 34,742            | --                 | --        | 302,469        |
| TOTAL                                             | 11,172      | --      | 106,115   | 40,453        | 109,987           | --                | 34,742            | --                 | --        | 302,469        |
| SOUTHERN                                          | --          | --      | --        | --            | --                | --                | --                | --                 | --        | --             |
| ALL AREAS:                                        |             |         |           |               |                   |                   |                   |                    |           |                |
| D                                                 | --          | --      | --        | --            | --                | --                | --                | --                 | --        | --             |
| C                                                 | 6,948       | 15,903  | 50        | --            | --                | --                | --                | --                 | 510       | 23,411         |
| B                                                 | 8,940       | 53,895  | 26,879    | 25,800        | 55,450            | --                | 410               | 80                 | --        | 171,454        |
| A                                                 | 492,066     | 484,912 | 480,985   | 124,985       | 315,911           | 6,613             | 92,943            | 22,753             | --        | 2,020,489      |
| TOTAL                                             | 507,954     | 554,710 | 507,710   | 150,711       | 370,756           | 6,613             | 93,353            | 22,833             | 510       | 2,215,354      |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>c</sup> Combined to avoid disclosure.

Table 24--Log consumption by sawmills, by resource area, county of use, and species, California, 1992

| RESOURCE AREA AND<br>COUNTY OF USE            | DOUGLAS-FIR | REDWOOD | TRUE FIRS | SUGAR<br>PINE | PONDEROSA<br>PINE | LOGEPOLE<br>PINE | INCENSE-<br>CEDAR | OTHER<br>SOFTWOODS | HARDWOODS | ALL<br>SPECIES |
|-----------------------------------------------|-------------|---------|-----------|---------------|-------------------|------------------|-------------------|--------------------|-----------|----------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |             |         |           |               |                   |                  |                   |                    |           |                |
| NORTH COAST:                                  |             |         |           |               |                   |                  |                   |                    |           |                |
| DEL NORTE AND<br>HUMBOLDT <sup>a</sup>        | 239,728     | 359,236 | 24,220    | --            | 3,950             | --               | --                | 11,730             | 10        | 638,874        |
| MENDOCINO                                     | 109,238     | 134,380 | 6,789     | 871           | 3,918             | --               | --                | 3,983              | 500       | 259,679        |
| SONOMA <sup>b</sup>                           | 8,003       | 55,094  | --        | --            | --                | --               | --                | --                 | --        | 63,097         |
| TOTAL                                         | 356,969     | 548,710 | 31,009    | 871           | 7,8685            | --               | --                | 15,713             | 510       | 961,650        |
| CENTRAL COAST:                                |             |         |           |               |                   |                  |                   |                    |           |                |
| SANTA CRUZ <sup>b</sup>                       | --          | --      | --        | --            | --                | --               | --                | --                 | --        | --             |
| NORTH INTERIOR:                               |             |         |           |               |                   |                  |                   |                    |           |                |
| LASSEN AND MODOC <sup>a</sup>                 | --          | --      | 80,429    | 11,972        | 86,727            | --               | --                | --                 | --        | 179,128        |
| SHASTA                                        | 34,342      | 6,000   | 83,453    | 27,369        | 64,348            | 6,240            | 22,680            | --                 | --        | 244,432        |
| SISKIYOU AND<br>TRINITY <sup>a</sup>          | 64,467      | --      | 14,981    | 23,189        | 22,521            | 373              | 15,000            | 7,040              | --        | 147,601        |
| TOTAL                                         | 98,839      | 6,000   | 178,863   | 62,530        | 173,596           | 6,613            | 37,680            | 7,040              | --        | 571,161        |
| SACRAMENTO:                                   |             |         |           |               |                   |                  |                   |                    |           |                |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | 11,919      | --      | 96,928    | 25,541        | 25,068            | --               | 7,061             | --                 | --        | 166,517        |
| EL DORADO, NEVADA, AND<br>PLACER <sup>a</sup> | 29,055      | --      | 94,999    | 21,316        | 54,237            | --               | 13,870            | 80                 | --        | 213,557        |
| TOTAL                                         | 40,974      | --      | 191,927   | 46,857        | 79,305            | --               | 20,931            | 80                 | --        | 380,074        |
| SAN JOAQUIN:                                  |             |         |           |               |                   |                  |                   |                    |           |                |
| AMADOR, MADERA, AND<br>TULARE <sup>a</sup>    | 9,360       | --      | 77,848    | 25,966        | 53,704            | --               | 27,082            | --                 | --        | 193,960        |
| TOULUMNE                                      | 1,812       | --      | 28,267    | 14,487        | 56,283            | --               | 7,660             | --                 | --        | 108,509        |
| TOTAL                                         | 11,172      | --      | 106,115   | 40,453        | 109,987           | --               | 34,742            | --                 | --        | 302,469        |
| SOUTHERN                                      | --          | --      | --        | --            | --                | --               | --                | --                 | --        | --             |
| ALL AREAS                                     | 507,954     | 554,710 | 507,914   | 150,711       | 370,756           | 6,613            | 93,353            | 22,833             | 510       | 2,215,354      |

<sup>a</sup> Combined to avoid disclosure.<sup>b</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

**Table 25--Production and disposition of wood and bark residue by sawmills, by resource area and mill-size class, California, 1992**

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | WOOD RESIDUE      |        |           | BARK RESIDUE      |        |         | ALL RESIDUE       |        |           |
|---------------------------------------------------|-------------------|--------|-----------|-------------------|--------|---------|-------------------|--------|-----------|
|                                                   | USED <sup>b</sup> | UNUSED | TOTAL     | USED <sup>b</sup> | UNUSED | TOTAL   | USED <sup>b</sup> | UNUSED | TOTAL     |
| TONS, DRY WEIGHT                                  |                   |        |           |                   |        |         |                   |        |           |
| NORTH COAST <sup>c</sup> :                        |                   |        |           |                   |        |         |                   |        |           |
| C AND D <sup>d</sup>                              | 34,056            | --     | 34,056    | 10,191            | --     | 10,191  | 44,247            | --     | 44,247    |
| B                                                 | 78,271            | --     | 78,271    | 24,087            | --     | 24,087  | 102,358           | --     | 102,358   |
| A                                                 | 1,367,795         | 3,772  | 1,371,567 | 385,463           | 10,010 | 395,473 | 1,753,258         | 13,782 | 1,767,040 |
| TOTAL                                             | 1,480,122         | 3,772  | 1,483,894 | 419,741           | 10,010 | 429,751 | 1,899,863         | 13,782 | 1,913,645 |
| CENTRAL COAST <sup>c</sup>                        | --                | --     | --        | --                | --     | --      | --                | --     | --        |
| NORTH INTERIOR:                                   |                   |        |           |                   |        |         |                   |        |           |
| B AND C <sup>d</sup>                              | 123,811           | --     | 123,811   | 36,636            | --     | 36,636  | 160,447           | --     | 160,447   |
| A                                                 | 653,140           | --     | 653,140   | 188,104           | --     | 188,104 | 841,244           | --     | 841,244   |
| TOTAL                                             | 776,951           | --     | 776,951   | 224,740           | --     | 224,740 | 1,001,691         | --     | 1,001,691 |
| SACRAMENTO:                                       |                   |        |           |                   |        |         |                   |        |           |
| B AND D <sup>d</sup>                              | 14,702            | --     | 14,702    | 4,181             | --     | 4,181   | 18,883            | --     | 18,883    |
| A                                                 | 544,010           | --     | 544,010   | 154,186           | --     | 154,186 | 698,196           | --     | 698,196   |
| TOTAL                                             | 558,712           | --     | 558,712   | 158,367           | --     | 158,367 | 717,079           | --     | 717,079   |
| SAN JOAQUIN:                                      |                   |        |           |                   |        |         |                   |        |           |
| A AND B <sup>d</sup>                              | 394,458           | --     | 394,458   | 113,525           | --     | 113,525 | 507,983           | --     | 507,983   |
| TOTAL                                             | 394,458           | --     | 394,458   | 113,525           | --     | 113,525 | 507,983           | --     | 507,983   |
| SOUTHERN                                          | --                | --     | --        | --                | --     | --      | --                | --     | --        |
| ALL AREAS:                                        |                   |        |           |                   |        |         |                   |        |           |
| D                                                 | --                | --     | --        | --                | --     | --      | --                | --     | --        |
| C                                                 | 34,056            | --     | 34,056    | 10,191            | --     | 10,191  | 44,247            | --     | 44,247    |
| B                                                 | 216,784           | --     | 216,784   | 64,904            | --     | 64,904  | 281,688           | --     | 281,688   |
| A                                                 | 2,959,403         | 3,772  | 2,963,175 | 841,175           | 10,010 | 851,288 | 3,800,681         | 13,782 | 3,814,463 |
| TOTAL                                             | 3,210,243         | 3,772  | 3,214,015 | 916,015           | 10,010 | 926,383 | 4,126,616         | 13,782 | 4,140,398 |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Residues are not necessarily used in the area in which they are produced.

<sup>c</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>d</sup> Combined to avoid disclosure.

# Sawmill Industry

Table 26--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1992

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | COARSE <sup>c</sup> |         |         |               |           | UNUSED | TOTAL     |
|---------------------------------------------------|---------------------|---------|---------|---------------|-----------|--------|-----------|
|                                                   | USED <sup>b</sup>   |         |         |               |           |        |           |
|                                                   | PULP                | BOARD   | FUEL    | MISCELLANEOUS | TOTAL     |        |           |
| <u>TONS. DRY WEIGHT</u>                           |                     |         |         |               |           |        |           |
| NORTH COAST <sup>d</sup> :                        |                     |         |         |               |           |        |           |
| C AND D <sup>e</sup>                              | 8,799               | 4,528   | 61      | 9,271         | 22,659    | --     | 22,659    |
| B                                                 | 26,326              | --      | 14,230  | 14,967        | 55,523    | --     | 55,523    |
| A                                                 | 176,159             | 213,480 | 388,827 | 79,826        | 858,292   | 3,772  | 862,064   |
| TOTAL                                             | 211,284             | 218,008 | 403,118 | 104,064       | 936,474   | 3,772  | 940,246   |
| CENTRAL COAST <sup>d</sup>                        | --                  | --      | --      | --            | --        | --     | --        |
| NORTH INTERIOR:                                   |                     |         |         |               |           |        |           |
| B AND C <sup>e</sup>                              | 42,358              | --      | 27,688  | 1,232         | 71,278    | --     | 71,278    |
| A                                                 | 163,185             | --      | 204,010 | --            | 367,195   | --     | 367,195   |
| TOTAL                                             | 205,543             | --      | 231,698 | 1,232         | 438,473   | --     | 438,473   |
| SACRAMENTO:                                       |                     |         |         |               |           |        |           |
| B AND D <sup>e</sup>                              | --                  | --      | 7,822   | 245           | 8,067     | --     | 8,067     |
| A                                                 | 149,432             | 2,752   | 147,217 | --            | 299,401   | --     | 299,401   |
| TOTAL                                             | 149,432             | 2,752   | 155,039 | 245           | 307,468   | --     | 307,468   |
| SAN JOAQUIN:                                      |                     |         |         |               |           |        |           |
| A AND B <sup>e</sup>                              | 124,913             | 22,289  | 58,531  | 18,221        | 223,954   | --     | 223,954   |
| TOTAL                                             | 124,913             | 22,289  | 58,531  | 18,221        | 223,954   | --     | 223,954   |
| SOUTHERN                                          | --                  | --      | --      | --            | --        | --     | --        |
| ALL AREAS:                                        |                     |         |         |               |           |        |           |
| D                                                 | --                  | --      | --      | --            | --        | --     | --        |
| C                                                 | 8,799               | 4,528   | 61      | 9,271         | 22,659    | --     | 22,659    |
| B                                                 | 68,684              | --      | 49,740  | 16,444        | 134,868   | --     | 134,868   |
| A                                                 | 613,689             | 238,521 | 798,585 | 98,047        | 1,748,842 | 3,772  | 1,752,614 |
| TOTAL                                             | 691,172             | 243,049 | 848,386 | 123,762       | 1,906,369 | 3,772  | 1,910,141 |

See footnotes at end of table.

Table 26--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1992 (continued)

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | SHAVINGS          |        |         |               |         |        |         |
|---------------------------------------------------|-------------------|--------|---------|---------------|---------|--------|---------|
|                                                   | USED <sup>b</sup> |        |         |               |         | UNUSED | TOTAL   |
|                                                   | PULP              | BOARD  | FUEL    | MISCELLANEOUS | TOTAL   |        |         |
|                                                   |                   |        |         |               |         |        |         |
| TONS, DRY WEIGHT                                  |                   |        |         |               |         |        |         |
| NORTH COAST <sup>d</sup> :                        |                   |        |         |               |         |        |         |
| C AND D <sup>e</sup>                              | --                | --     | --      | 3,014         | 3,014   | --     | 3,014   |
| B                                                 | --                | 1,784  | --      | 2,112         | 3,896   | --     | 3,896   |
| A                                                 | 23,848            | 41,801 | 57,574  | 51,767        | 174,990 | --     | 174,990 |
| TOTAL                                             | 23,848            | 43,585 | 57,574  | 56,893        | 181,900 | --     | 181,900 |
| CENTRAL COAST <sup>d</sup>                        | --                | --     | --      | --            | --      | --     | --      |
| NORTH INTERIOR:                                   |                   |        |         |               |         |        |         |
| B AND C <sup>e</sup>                              | 6,005             | --     | 10,846  | 366           | 17,217  | --     | 17,217  |
| A                                                 | --                | 2,168  | 103,076 | --            | 105,244 | --     | 105,244 |
| TOTAL                                             | 6,005             | 2,168  | 113,922 | 366           | 122,461 | --     | 122,461 |
| SACRAMENTO:                                       |                   |        |         |               |         |        |         |
| B AND D <sup>e</sup>                              | --                | --     | 2,570   | --            | 2,570   | --     | 2,570   |
| A                                                 | --                | 23,602 | 40,473  | 31,617        | 95,692  | --     | 95,692  |
| TOTAL                                             | --                | 23,602 | 43,043  | 31,617        | 98,262  | --     | 98,262  |
| SAN JOAQUIN:                                      |                   |        |         |               |         |        |         |
| A AND B <sup>e</sup>                              | --                | 25,625 | 2,083   | 34,921        | 62,629  | --     | 62,629  |
| TOTAL                                             | --                | 25,625 | 2,083   | 34,921        | 62,629  | --     | 62,629  |
| SOUTHERN                                          | --                | --     | --      | --            | --      | --     | --      |
| ALL AREAS:                                        |                   |        |         |               |         |        |         |
| D                                                 | --                | --     | --      | --            | --      | --     | --      |
| C                                                 | --                | --     | --      | 3,014         | 3,014   | --     | 3,014   |
| B                                                 | 6,005             | 1,784  | 13,416  | 2,478         | 23,683  | --     | 23,683  |
| A                                                 | 23,848            | 93,196 | 203,206 | 118,305       | 438,555 | --     | 438,555 |
| TOTAL                                             | 29,853            | 94,980 | 216,622 | 123,797       | 465,252 | --     | 465,252 |

See footnotes at end of table.

# Sawmill Industry

Table 26--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1992 (continued)

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | SAWDUST           |         |         |               |         |        |         |
|---------------------------------------------------|-------------------|---------|---------|---------------|---------|--------|---------|
|                                                   | USED <sup>b</sup> |         |         |               |         | UNUSED | TOTAL   |
|                                                   | PULP              | BOARD   | FUEL    | MISCELLANEOUS | TOTAL   |        |         |
|                                                   | TONS, DRY WEIGHT  |         |         |               |         |        |         |
| NORTH COAST <sup>d</sup> :                        |                   |         |         |               |         |        |         |
| C AND D <sup>e</sup>                              | --                | --      | 1,444   | 6,939         | 8,383   | --     | 8,383   |
| B                                                 | --                | --      | 13,910  | 4,942         | 18,852  | --     | 18,852  |
| A                                                 | 89,435            | 84,594  | 139,729 | 20,755        | 334,513 | --     | 334,513 |
| TOTAL                                             | 89,435            | 84,594  | 155,083 | 32,636        | 361,748 | --     | 361,748 |
| CENTRAL COAST <sup>d</sup>                        | --                | --      | --      | --            | --      | --     | --      |
| NORTH INTERIOR:                                   |                   |         |         |               |         |        |         |
| B AND C <sup>e</sup>                              | 3,148             | --      | 31,538  | 630           | 35,316  | --     | 35,316  |
| A                                                 | --                | 14,588  | 165,348 | 765           | 180,701 | --     | 180,701 |
| TOTAL                                             | 3,148             | 14,588  | 196,886 | 1,395         | 216,017 | --     | 216,017 |
| SACRAMENTO:                                       |                   |         |         |               |         |        |         |
| B AND D <sup>e</sup>                              | --                | --      | 3,962   | 103           | 4,065   | --     | 4,065   |
| A                                                 | --                | 9,161   | 139,756 | --            | 148,917 | --     | 148,917 |
| TOTAL                                             | --                | 9,161   | 143,718 | 103           | 152,982 | --     | 152,982 |
| SAN JOAQUIN:                                      |                   |         |         |               |         |        |         |
| A AND B <sup>e</sup>                              | --                | 16,866  | 79,049  | 11,960        | 107,875 | --     | 107,875 |
| TOTAL                                             | --                | 16,866  | 79,049  | 11,960        | 107,875 | --     | 107,875 |
| SOUTHERN                                          | --                | --      | --      | --            | --      | --     | --      |
| ALL AREAS:                                        |                   |         |         |               |         |        |         |
| D                                                 | --                | --      | --      | --            | --      | --     | --      |
| C                                                 | --                | --      | 1,444   | 6,939         | 8,383   | --     | 8,383   |
| B                                                 | 3,148             | --      | 49,410  | 5,675         | 58,233  | --     | 58,233  |
| A                                                 | 89,435            | 125,209 | 523,882 | 33,480        | 772,006 | --     | 772,006 |
| TOTAL                                             | 92,583            | 125,209 | 574,736 | 46,094        | 838,622 | --     | 838,622 |

See footnotes at end of table.

**Table 26--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1992 (continued)**

| ALL TYPES OF WOOD RESIDUE                         |                   |         |           |               |           |        |           |
|---------------------------------------------------|-------------------|---------|-----------|---------------|-----------|--------|-----------|
| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | USED <sup>b</sup> |         |           |               |           | UNUSED | TOTAL     |
|                                                   | PULP              | BOARD   | FUEL      | MISCELLANEOUS | TOTAL     |        |           |
|                                                   | TONS, DRY WEIGHT  |         |           |               |           |        |           |
| NORTH COAST <sup>d</sup> :                        |                   |         |           |               |           |        |           |
| C AND D <sup>e</sup>                              | 8,799             | 4,528   | 1,505     | 19,224        | 34,056    | --     | 34,056    |
| B                                                 | 26,326            | 1,784   | 28,140    | 22,021        | 78,271    | --     | 78,271    |
| A                                                 | 289,442           | 339,875 | 586,130   | 152,348       | 1,367,795 | 3,772  | 1,371,567 |
| TOTAL                                             | 324,567           | 346,187 | 615,775   | 193,593       | 1,480,122 | 3,722  | 1,483,894 |
| CENTRAL COAST <sup>d</sup>                        | --                | --      | --        | --            | --        | --     | --        |
| NORTH INTERIOR:                                   |                   |         |           |               |           |        |           |
| B AND C <sup>e</sup>                              | 51,511            | --      | 70,072    | 2,228         | 123,811   | --     | 123,811   |
| A                                                 | 163,185           | 16,756  | 472,434   | 765           | 653,140   | --     | 653,140   |
| TOTAL                                             | 214,696           | 16,756  | 542,506   | 2,993         | 776,951   | --     | 776,951   |
| SACRAMENTO:                                       |                   |         |           |               |           |        |           |
| B AND D <sup>e</sup>                              | --                | --      | 14,354    | 348           | 14,702    | --     | 14,702    |
| A                                                 | 149,432           | 35,515  | 327,446   | 31,617        | 544,010   | --     | 544,010   |
| TOTAL                                             | 149,432           | 35,515  | 341,800   | 31,965        | 558,712   | --     | 558,712   |
| SAN JOAQUIN:                                      |                   |         |           |               |           |        |           |
| A AND B <sup>e</sup>                              | 124,913           | 64,780  | 139,663   | 65,102        | 394,458   | --     | 394,458   |
| TOTAL                                             | 124,913           | 64,780  | 139,663   | 65,102        | 394,458   | --     | 394,458   |
| SOUTHERN                                          | --                | --      | --        | --            | --        | --     | --        |
| ALL AREAS:                                        |                   |         |           |               |           |        |           |
| D                                                 | --                | --      | --        | --            | --        | --     | --        |
| C                                                 | 8,799             | 4,528   | 1,505     | 19,224        | 34,056    | --     | 34,056    |
| B                                                 | 77,837            | 1,784   | 112,566   | 24,597        | 216,784   | --     | 216,784   |
| A                                                 | 726,972           | 456,926 | 1,525,673 | 249,832       | 2,959,403 | 3,772  | 2,963,175 |
| TOTAL                                             | 813,608           | 463,238 | 1,639,744 | 293,653       | 3,210,243 | 3,772  | 3,214,015 |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Residues are not necessarily used in the area in which they are produced.

<sup>c</sup> Includes slabs, edgings, trim, and spur ends.

<sup>d</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>e</sup> Combined to avoid disclosure.

# Sawmill Industry

**Table 27--Production and disposition of bark residue by sawmills, by resource area, mill-size class, and use, California, 1992**

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | USED <sup>b</sup> |       |         |               |         | UNUSED | ALL<br>BARK |
|---------------------------------------------------|-------------------|-------|---------|---------------|---------|--------|-------------|
|                                                   | PULP              | BOARD | FUEL    | MISCELLANEOUS | TOTAL   |        |             |
| <u>TONS, DRY WEIGHT</u>                           |                   |       |         |               |         |        |             |
| NORTH COAST <sup>c</sup> :                        |                   |       |         |               |         |        |             |
| C AND D <sup>d</sup>                              | --                | --    | 1,923   | 8,268         | 10,191  | --     | 10,191      |
| B                                                 | --                | --    | 17,666  | 6,421         | 24,087  | --     | 24,087      |
| A                                                 | --                | --    | 340,479 | 44,984        | 385,463 | 10,010 | 395,473     |
| TOTAL                                             | --                | --    | 360,068 | 59,673        | 419,741 | 10,010 | 429,751     |
| CENTRAL COAST <sup>c</sup>                        | --                | --    | --      | --            | --      | --     | --          |
| NORTH INTERIOR:                                   |                   |       |         |               |         |        |             |
| B AND C <sup>d</sup>                              | --                | --    | 36,636  | --            | 36,636  | --     | 36,636      |
| A                                                 | --                | --    | 187,084 | 1,020         | 188,104 | --     | 188,104     |
| TOTAL                                             | --                | --    | 223,720 | 1,020         | 224,740 | --     | 224,740     |
| SACRAMENTO:                                       |                   |       |         |               |         |        |             |
| B AND D <sup>d</sup>                              | --                | --    | 4,065   | 116           | 4,181   | --     | 4,181       |
| A                                                 | --                | --    | 137,086 | 17,100        | 154,186 | --     | 154,186     |
| TOTAL                                             | --                | --    | 141,151 | 17,216        | 158,367 | --     | 158,367     |
| SAN JOAQUIN:                                      |                   |       |         |               |         |        |             |
| A AND B <sup>d</sup>                              | --                | --    | 46,891  | 66,634        | 113,525 | --     | 113,525     |
| TOTAL                                             | --                | --    | 46,891  | 66,634        | 113,525 | --     | 113,525     |
| SOUTHERN                                          | --                | --    | --      | --            | --      | --     | --          |
| ALL AREAS:                                        |                   |       |         |               |         |        |             |
| D                                                 | --                | --    | --      | --            | --      | --     | --          |
| C                                                 | --                | --    | 1,923   | 8,268         | 10,191  | --     | 10,191      |
| B                                                 | --                | --    | 58,367  | 6,537         | 64,904  | --     | 64,904      |
| A                                                 | --                | --    | 711,540 | 129,738       | 841,278 | 10,010 | 851,288     |
| TOTAL                                             | --                | --    | 771,830 | 144,543       | 916,373 | 10,010 | 826,383     |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Residues are not necessarily used in the area in which they are produced.

<sup>c</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>d</sup> Combined to avoid disclosure.

**Table 28--Production and disposition of wood and bark residue by sawmills, by resource area and county, California, 1992**

| RESOURCE AREA<br>AND COUNTY                | WOOD RESIDUE      |        |           | BARK RESIDUE      |        |         | ALL RESIDUE       |        |           |
|--------------------------------------------|-------------------|--------|-----------|-------------------|--------|---------|-------------------|--------|-----------|
|                                            | USED <sup>a</sup> | UNUSED | TOTAL     | USED <sup>a</sup> | UNUSED | TOTAL   | USED <sup>a</sup> | UNUSED | TOTAL     |
| <u>TONS, DRY WEIGHT</u>                    |                   |        |           |                   |        |         |                   |        |           |
| NORTH COAST:                               |                   |        |           |                   |        |         |                   |        |           |
| DEL NORTE AND<br>HUMBOLDT <sup>b</sup>     | 911,238           | --     | 911,238   | 265,388           | --     | 265,388 | 1,176,626         | --     | 1,176,626 |
| MENDOCINO                                  | 444,493           | 3,772  | 448,265   | 118,318           | 10,010 | 128,328 | 562,811           | 13,782 | 576,593   |
| SONOMA <sup>c</sup>                        | 124,391           | --     | 124,391   | 36,035            | --     | 36,035  | 160,426           | --     | 160,426   |
| TOTAL                                      | 1,480,122         | 3,772  | 1,483,894 | 419,741           | 10,010 | 429,751 | 1,899,863         | 13,782 | 1,913,645 |
| CENTRAL COAST:                             |                   |        |           |                   |        |         |                   |        |           |
| SANTA CRUZ <sup>c</sup>                    | --                | --     | --        | --                | --     | --      | --                | --     | --        |
| NORTH INTERIOR:                            |                   |        |           |                   |        |         |                   |        |           |
| LASSEN AND MODOC <sup>b</sup>              | 235,922           | --     | 235,922   | 67,496            | --     | 67,496  | 303,418           | --     | 303,418   |
| SHASTA                                     | 334,858           | --     | 334,858   | 95,817            | --     | 95,817  | 430,675           | --     | 430,675   |
| SISKIYOU AND<br>TRINITY <sup>b</sup>       | 206,171           | --     | 206,171   | 61,427            | --     | 61,427  | 267,598           | --     | 267,598   |
| TOTAL                                      | 776,951           | --     | 776,951   | 224,740           | --     | 224,740 | 1,001,691         | --     | 1,001,691 |
| SACRAMENTO:                                |                   |        |           |                   |        |         |                   |        |           |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>b</sup>  | 231,916           | --     | 231,916   | 66,168            | --     | 66,168  | 298,084           | --     | 298,084   |
| ELDORADO, NEVADA,<br>PLACER <sup>b</sup>   | 326,796           | --     | 326,796   | 92,199            | --     | 92,199  | 418,995           | --     | 418,995   |
| TOTAL                                      | 558,712           | --     | 558,712   | 158,367           | --     | 158,367 | 717,079           | --     | 717,079   |
| SAN JOAQUIN:                               |                   |        |           |                   |        |         |                   |        |           |
| AMADOR, MADERA, AND<br>TULARE <sup>b</sup> | 257,611           | --     | 257,611   | 73,688            | --     | 73,688  | 331,299           | --     | 331,299   |
| TUOLUMNE                                   | 136,847           | --     | 136,847   | 39,837            | --     | 39,837  | 176,684           | --     | 176,684   |
| TOTAL                                      | 394,458           | --     | 394,458   | 113,525           | --     | 113,525 | 507,983           | --     | 507,983   |
| SOUTHERN                                   | --                | --     | --        | --                | --     | --      | --                | --     | --        |
| ALL AREAS                                  | 3,210,243         | 3,772  | 3,214,015 | 916,015           | 10,010 | 926,383 | 4,126,616         | 13,782 | 4,140,398 |

<sup>a</sup> Residues are not necessarily used in the area or county in which they are produced.

<sup>b</sup> Combined to avoid disclosure.

<sup>c</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

# Sawmill Industry

**Table 29--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1992**

| RESOURCE AREA<br>AND COUNTY   | COARSE <sup>a</sup> |         |         |               |           |        |           |
|-------------------------------|---------------------|---------|---------|---------------|-----------|--------|-----------|
|                               | USED <sup>b</sup>   |         |         |               |           | UNUSED | TOTAL     |
|                               | PULP                | BOARD   | FUEL    | MISCELLANEOUS | TOTAL     |        |           |
|                               |                     |         |         |               |           |        |           |
| TONS, DRY WEIGHT              |                     |         |         |               |           |        |           |
| NORTH COAST:                  |                     |         |         |               |           |        |           |
| DEL NORTE AND                 |                     |         |         |               |           |        |           |
| HUMBOLDT <sup>c</sup>         | 143,636             | 51,324  | 384,212 | --            | 579,172   | --     | 579,172   |
| MENDOCINO                     | 58,849              | 140,915 | 18,906  | 54,941        | 273,611   | 3,772  | 277,383   |
| SONOMA <sup>d</sup>           | 8,799               | 25,769  | --      | 49,123        | 83,691    | --     | 83,691    |
| TOTAL                         | 211,284             | 218,008 | 403,118 | 104,064       | 936,474   | 3,772  | 940,246   |
| CENTRAL COAST:                |                     |         |         |               |           |        |           |
| SANTA CRUZ <sup>d</sup>       | --                  | --      | --      | --            | --        | --     | --        |
| NORTH INTERIOR:               |                     |         |         |               |           |        |           |
| LASSEN AND MODOC <sup>c</sup> | 36,319              | --      | 91,757  | 1,232         | 129,308   | --     | 129,308   |
| SHASTA                        | 121,593             | --      | 67,166  | --            | 188,759   | --     | 188,759   |
| SISKIYOU AND                  |                     |         |         |               |           |        |           |
| TRINITY <sup>c</sup>          | 47,631              | --      | 72,775  | --            | 120,406   | --     | 120,406   |
| TOTAL                         | 205,543             | --      | 231,698 | 1,232         | 438,473   | --     | 438,473   |
| SACRAMENTO:                   |                     |         |         |               |           |        |           |
| BUTTE, PLUMAS, AND            |                     |         |         |               |           |        |           |
| SIERRA <sup>c</sup>           | --                  | --      | 127,969 | --            | 127,969   | --     | 127,969   |
| EL DORADO, NEVADA, AND        |                     |         |         |               |           |        |           |
| PLACER <sup>d</sup>           | 149,432             | 2,752   | 27,070  | 245           | 179,499   | --     | 179,499   |
| TOTAL                         | 149,432             | 2,752   | 155,039 | 245           | 307,468   | --     | 307,468   |
| SAN JOAQUIN:                  |                     |         |         |               |           |        |           |
| AMADOR, MADERA, AND           |                     |         |         |               |           |        |           |
| TULARE <sup>c</sup>           | 71,882              | 22,289  | 46,701  | 5,333         | 146,205   | --     | 146,205   |
| TUOLUMNE                      | 53,031              | --      | 11,830  | 12,888        | 77,749    | --     | 77,749    |
| TOTAL                         | 124,913             | 22,289  | 58,531  | 18,221        | 223,954   | --     | 223,954   |
| SOUTHERN                      | --                  | --      | --      | --            | --        | --     | --        |
| ALL AREAS                     | 691,172             | 243,049 | 848,386 | 123,762       | 1,906,369 | 3,772  | 1,910,141 |

See footnotes at end of table.

Table 29--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1992 (continued)

| RESOURCE AREA<br>AND COUNTY                                                                               | SHAVINGS             |                        |                            |                        |                             |                |                             |
|-----------------------------------------------------------------------------------------------------------|----------------------|------------------------|----------------------------|------------------------|-----------------------------|----------------|-----------------------------|
|                                                                                                           | USED <sup>b</sup>    |                        |                            |                        |                             | UNUSED         | TOTAL                       |
|                                                                                                           | PULP                 | BOARD                  | FUEL                       | MISCELLANEOUS          | TOTAL                       |                |                             |
|                                                                                                           |                      |                        |                            |                        |                             |                |                             |
| TONS. DRY WEIGHT                                                                                          |                      |                        |                            |                        |                             |                |                             |
| NORTH COAST:<br>DEL NORTE AND<br>HUMBOLDT <sup>c</sup><br>MENDOCINO <sup>d</sup><br>SONOMA <sup>d</sup>   | 23,848<br>--<br>--   | 28,994<br>14,591<br>-- | 55,069<br>2,505<br>--      | 15<br>44,068<br>12,810 | 107,926<br>61,164<br>12,810 | --<br>--<br>-- | 107,926<br>61,164<br>12,810 |
| TOTAL                                                                                                     | 23,848               | 43,585                 | 57,574                     | 56,893                 | 181,900                     | --             | 181,900                     |
| CENTRAL COAST:<br>SANTA CRUZ <sup>d</sup>                                                                 | --                   | --                     | --                         | --                     | --                          | --             | --                          |
| NORTH INTERIOR:<br>LASSEN AND MODOC <sup>c</sup><br>SHASTA<br>SISKIYOU, AND<br>TRINITY <sup>c</sup>       | 1,832<br>4,173<br>-- | --<br>--<br>2,168      | 38,341<br>50,744<br>24,837 | 366<br>--<br>--        | 40,539<br>54,917<br>27,005  | --<br>--<br>-- | 40,539<br>54,917<br>27,005  |
| TOTAL                                                                                                     | 6,005                | 2,168                  | 113,922                    | 366                    | 122,461                     | --             | 122,461                     |
| SACRAMENTO:<br>BUTTE, PLUMAS, AND<br>SIERRA <sup>c</sup><br>EL DORADO, NEVADA, AND<br>PLACER <sup>c</sup> | --<br>--             | --<br>23,602           | 39,780<br>3,263            | --<br>31,617           | 39,780<br>58,482            | --<br>--       | 39,780<br>58,482            |
| TOTAL                                                                                                     | --                   | 23,602                 | 43,043                     | 31,617                 | 98,262                      | --             | 98,262                      |
| SAN JOAQUIN:<br>AMADOR, MADERA, AND<br>TULARE <sup>c</sup><br>TUOLUMNE                                    | --<br>--             | 21,363<br>4,262        | --<br>2,083                | 20,445<br>14,476       | 41,808<br>20,821            | --<br>--       | 41,808<br>20,821            |
| TOTAL                                                                                                     | --                   | 25,625                 | 2,083                      | 34,921                 | 62,629                      | --             | 62,629                      |
| SOUTHERN                                                                                                  | --                   | --                     | --                         | --                     | --                          | --             | --                          |
| ALL AREAS                                                                                                 | 29,853               | 94,980                 | 216,622                    | 123,797                | 465,252                     | --             | 465,252                     |

See footnotes at end of page.

# Sawmill Industry

Table 29--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1992 (continued)

| RESOURCE AREA<br>AND COUNTY                       | SAWDUST           |         |         |               |         |        |         |
|---------------------------------------------------|-------------------|---------|---------|---------------|---------|--------|---------|
|                                                   | USED <sup>b</sup> |         |         |               |         | UNUSED | TOTAL   |
|                                                   | PULP              | BOARD   | FUEL    | MISCELLANEOUS | TOTAL   |        |         |
|                                                   |                   |         |         |               |         |        |         |
| <u>TONS, DRY WEIGHT</u>                           |                   |         |         |               |         |        |         |
| NORTH COAST:                                      |                   |         |         |               |         |        |         |
| DEL NORTE AND<br>HUMBOLDT <sup>c</sup>            | 89,435            | 37,386  | 97,298  | 21            | 224,140 | --     | 224,140 |
| MENDOCINO                                         | --                | 47,208  | 57,785  | 4,725         | 109,718 | --     | 109,718 |
| SONOMA <sup>d</sup>                               | --                | --      | --      | 27,890        | 27,890  | --     | 27,890  |
| TOTAL                                             | 89,435            | 84,594  | 155,083 | 32,636        | 361,748 | --     | 361,748 |
| CENTRAL COAST:                                    |                   |         |         |               |         |        |         |
| SANTA CRUZ <sup>d</sup>                           | --                | --      | --      | --            | --      | --     | --      |
| NORTH INTERIOR:                                   |                   |         |         |               |         |        |         |
| LASSEN AND MODOC <sup>c</sup>                     | 3,148             | --      | 62,297  | 630           | 66,075  | --     | 66,075  |
| SHASTA                                            | --                | --      | 90,642  | 540           | 91,182  | --     | 91,182  |
| SISKIYOU <sup>e</sup> AND<br>TRINITY <sup>c</sup> | --                | 14,588  | 43,947  | 225           | 58,760  | --     | 58,760  |
| TOTAL                                             | 3,148             | 14,588  | 196,886 | 1,395         | 216,017 | --     | 216,017 |
| SACRAMENTO:                                       |                   |         |         |               |         |        |         |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>c</sup>         | --                | --      | 64,167  | --            | 64,167  | --     | 64,167  |
| EL DORADO, NEVADA, AND<br>PLACER <sup>c</sup>     | --                | 9,161   | 79,551  | 103           | 88,815  | --     | 88,815  |
| TOTAL                                             | --                | 9,161   | 143,718 | 103           | 152,982 | --     | 152,982 |
| SAN JOAQUIN:                                      |                   |         |         |               |         |        |         |
| AMADOR, MADERA, AND<br>TULARE <sup>c</sup>        | --                | 14,355  | 43,283  | 11,960        | 69,598  | --     | 69,598  |
| TUOLUMNE                                          | --                | 2,511   | 35,766  | --            | 38,277  | --     | 38,277  |
| TOTAL                                             | --                | 16,866  | 79,049  | 11,960        | 107,875 | --     | 107,875 |
| SOUTHERN                                          | --                | --      | --      | --            | --      | --     | --      |
| ALL AREAS                                         | 92,583            | 125,209 | 574,736 | 46,094        | 838,622 | --     | 838,622 |

See footnotes at end of table.

**Table 29--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1992 (continued)**

| RESOURCE AREA<br>AND COUNTY                   | ALL TYPES OF WOOD RESIDUE |         |           |               |           |        |           |
|-----------------------------------------------|---------------------------|---------|-----------|---------------|-----------|--------|-----------|
|                                               | USED <sup>b</sup>         |         |           |               |           | UNUSED | TOTAL     |
|                                               | PULP                      | BOARD   | FUEL      | MISCELLANEOUS | TOTAL     |        |           |
|                                               |                           |         |           |               |           |        |           |
| <u>TONS, DRY WEIGHT</u>                       |                           |         |           |               |           |        |           |
| NORTH COAST:                                  |                           |         |           |               |           |        |           |
| DEL NORTE AND<br>HUMBOLDT <sup>c</sup>        | 256,919                   | 117,704 | 536,579   | 36            | 911,238   | --     | 911,238   |
| MENDOCINO                                     | 58,849                    | 202,714 | 79,196    | 103,734       | 444,493   | 3,772  | 448,265   |
| SONOMA <sup>c</sup>                           | 8,799                     | 25,769  | --        | 89,823        | 124,391   | --     | 124,391   |
| TOTAL                                         | 324,567                   | 346,187 | 615,775   | 193,593       | 1,480,122 | 3,772  | 1,483,894 |
| CENTRAL COAST:                                |                           |         |           |               |           |        |           |
| SANTA CRUZ <sup>d</sup>                       | --                        | --      | --        | --            | --        | --     | --        |
| NORTH INTERIOR:                               |                           |         |           |               |           |        |           |
| LASSEN AND MODOC <sup>c</sup>                 | 41,299                    | --      | 192,395   | 2,228         | 235,922   | --     | 235,922   |
| SHASTA                                        | 125,766                   | --      | 208,552   | 540           | 334,858   | --     | 334,858   |
| SISKIYOU AND<br>TRINITY <sup>c</sup>          | 47,631                    | 16,756  | 141,559   | 225           | 206,171   | --     | 206,171   |
| TOTAL                                         | 214,696                   | 16,756  | 542,506   | 2,993         | 776,951   | --     | 776,951   |
| SACRAMENTO:                                   |                           |         |           |               |           |        |           |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>c</sup>     | --                        | --      | 231,916   | --            | 231,916   | --     | 231,916   |
| EL DORADO, NEVADA, AND<br>PLACER <sup>c</sup> | 149,432                   | 35,515  | 109,884   | 31,965        | 326,796   | --     | 326,796   |
| TOTAL                                         | 149,432                   | 35,515  | 341,800   | 31,965        | 558,712   | --     | 558,965   |
| SAN JOAQUIN:                                  |                           |         |           |               |           |        |           |
| AMADOR, MADERA, AND<br>TULARE <sup>c</sup>    | 71,882                    | 58,007  | 89,984    | 37,738        | 257,611   | --     | 257,611   |
| TUOLUMNE                                      | 53,031                    | 6,773   | 49,679    | 27,364        | 136,847   | --     | 136,847   |
| TOTAL                                         | 124,913                   | 64,780  | 139,663   | 65,102        | 394,458   | --     | 394,458   |
| SOUTHERN                                      | --                        | --      | --        | --            | --        | --     | --        |
| ALL AREAS                                     | 813,608                   | 463,238 | 1,639,744 | 293,653       | 3,210,243 | 3,772  | 3,214,015 |

<sup>a</sup> Coarse residue includes slabs, edgings, trim, and spur ends.

<sup>b</sup> Residues are not necessarily used in the area or county in which they are produced.

<sup>c</sup> Combined to avoid disclosure.

<sup>d</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

# Sawmill Industry

**Table 30--Production and disposition of bark residue by sawmills, by resource area, county, and use, California, 1992**

| RESOURCE AREA<br>AND COUNTY                   | USED <sup>a</sup> |       |         |               |         | UNUSED | ALL<br>BARK |
|-----------------------------------------------|-------------------|-------|---------|---------------|---------|--------|-------------|
|                                               | PULP              | BOARD | FUEL    | MISCELLANEOUS | TOTAL   |        |             |
| <u>TONS, DRY WEIGHT</u>                       |                   |       |         |               |         |        |             |
| NORTH COAST:                                  |                   |       |         |               |         |        |             |
| DEL NORTE AND<br>HUMBOLDT <sup>b</sup>        | --                | --    | 265,361 | 27            | 265,388 | --     | 265,388     |
| MENDOCINO                                     | --                | --    | 94,707  | 23,611        | 118,318 | 10,010 | 128,328     |
| SONOMA <sup>c</sup>                           | --                | --    | --      | 36,035        | 36,035  | --     | 36,035      |
| TOTAL                                         | --                | --    | 360,068 | 59,673        | 419,741 | 10,010 | 429,751     |
| CENTRAL COAST:                                |                   |       |         |               |         |        |             |
| SANTA CRUZ <sup>c</sup>                       | --                | --    | --      | --            | --      | --     | --          |
| NORTH INTERIOR:                               |                   |       |         |               |         |        |             |
| LASSEN AND MODOC <sup>b</sup>                 | --                | --    | 67,496  | --            | 67,496  | --     | 67,496      |
| SHASTA                                        | --                | --    | 95,097  | 720           | 95,817  | --     | 95,817      |
| SISKIYOU AND<br>TRINITY <sup>b</sup>          | --                | --    | 61,127  | 300           | 61,427  | --     | 61,427      |
| TOTAL                                         | --                | --    | 223,720 | 1,020         | 224,740 | --     | 224,740     |
| SACRAMENTO:                                   |                   |       |         |               |         |        |             |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>b</sup>     | --                | --    | 66,168  | --            | 66,168  | --     | 66,168      |
| EL DORADO, NEVADA, AND<br>PLACER <sup>b</sup> | --                | --    | 74,983  | 17,216        | 92,199  | --     | 92,199      |
| TOTAL                                         | --                | --    | 141,151 | 17,216        | 158,367 | --     | 158,367     |
| SAN JOAQUIN:                                  |                   |       |         |               |         |        |             |
| AMADOR, MADERA, AND<br>TULARE <sup>b</sup>    | --                | --    | 28,871  | 44,817        | 73,688  | --     | 73,688      |
| TUOLUMNE                                      | --                | --    | 18,020  | 21,817        | 39,837  | --     | 39,837      |
| TOTAL                                         | --                | --    | 46,891  | 66,634        | 113,525 | --     | 113,525     |
| SOUTHERN                                      | --                | --    | --      | --            | --      | --     | --          |
| ALL AREAS                                     | --                | --    | 771,830 | 144,543       | 916,373 | 10,010 | 926,383     |

<sup>a</sup> Residues are not necessarily used in the area or county in which they are produced.

<sup>b</sup> Combined to avoid disclosure.

<sup>c</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

**Table 31--Lumber production by sawmills, by resource area, mill-size class, and degree of manufacture, California, 1992**

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | GREEN            | KILN-DRIED       | AIR-DRIED      | TOTAL <sup>b</sup> | ROUGH          | SURFACED         |
|---------------------------------------------------|------------------|------------------|----------------|--------------------|----------------|------------------|
| THOUSAND BOARD FEET, LUMBER TALLY                 |                  |                  |                |                    |                |                  |
| NORTH COAST <sup>c</sup> :                        |                  |                  |                |                    |                |                  |
| C AND D <sup>d</sup>                              | 35,036           | --               | 200            | 35,236             | 18,136         | 17,100           |
| B                                                 | 67,474           | 4,005            | 9,414          | 80,893             | 56,641         | 24,252           |
| A                                                 | <u>862,773</u>   | <u>221,119</u>   | <u>263,399</u> | <u>1,347,291</u>   | <u>352,903</u> | <u>994,388</u>   |
| TOTAL                                             | 965,283          | 225,124          | 273,013        | 1,463,420          | 427,680        | 1,035,740        |
| CENTRAL COAST <sup>c</sup>                        | --               | --               | --             | --                 | --             | --               |
| NORTH INTERIOR:                                   |                  |                  |                |                    |                |                  |
| B AND C <sup>d</sup>                              | 26,000           | 85,102           | 17,026         | 128,128            | 41,576         | 86,552           |
| A                                                 | <u>157,334</u>   | <u>471,107</u>   | <u>28,932</u>  | <u>657,373</u>     | <u>133,662</u> | <u>523,711</u>   |
| TOTAL                                             | 183,334          | 556,209          | 45,958         | 785,501            | 175,238        | 610,263          |
| SACRAMENTO:                                       |                  |                  |                |                    |                |                  |
| B AND D <sup>d</sup>                              | 2,750            | 11,200           | 700            | 14,650             | 1,975          | 12,675           |
| A                                                 | <u>63,855</u>    | <u>473,657</u>   | <u>1,940</u>   | <u>539,452</u>     | <u>61,780</u>  | <u>477,672</u>   |
| TOTAL                                             | 66,605           | 484,857          | 2,640          | 554,102            | 63,755         | 490,347          |
| SAN JOAQUIN:                                      |                  |                  |                |                    |                |                  |
| A AND B <sup>d</sup>                              | <u>83,735</u>    | <u>253,322</u>   | <u>58,778</u>  | <u>395,835</u>     | <u>83,439</u>  | <u>312,396</u>   |
| TOTAL                                             | 83,735           | 253,322          | 58,778         | 395,835            | 83,439         | 312,396          |
| SOUTHERN                                          | --               | --               | --             | --                 | --             | --               |
| ALL AREAS:                                        |                  |                  |                |                    |                |                  |
| D                                                 | --               | --               | --             | --                 | --             | --               |
| C                                                 | 35,036           | --               | 200            | 35,236             | 18,136         | 17,100           |
| B                                                 | 96,224           | 100,307          | 27,140         | 223,671            | 100,192        | 123,479          |
| A                                                 | <u>1,167,697</u> | <u>1,419,205</u> | <u>353,049</u> | <u>2,939,951</u>   | <u>631,784</u> | <u>2,308,167</u> |
| TOTAL                                             | 1,298,957        | 1,519,512        | 380,389        | 3,198,858          | 750,112        | 2,448,746        |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Total of "Green," "Kiln-dried," and "Air-dried"; also, total of "Rough" and "Surfaced."

<sup>c</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>d</sup> Combined to avoid disclosure.

## Sawmill Industry

**Table 32--Lumber production by sawmills, by resource area, mill-size class, and type of headrig, California, 1992**

| RESOURCE AREA AND<br>MILL-SIZE CLASS <sup>a</sup> | CIRCULAR<br>SAW | BAND<br>SAW | GANG<br>SAW | CHIPPING<br>SAW | SCRAGG<br>DOUBLE-CUT SAW | ALL<br>TYPES |
|---------------------------------------------------|-----------------|-------------|-------------|-----------------|--------------------------|--------------|
| <u>THOUSAND BOARD FEET, LUMBER TALLY</u>          |                 |             |             |                 |                          |              |
| NORTH COAST <sup>b</sup> :                        |                 |             |             |                 |                          |              |
| C AND D <sup>c</sup>                              | 100             | 35,136      | --          | --              | --                       | 35,236       |
| B                                                 | --              | 80,893      | --          | --              | --                       | 80,893       |
| A                                                 | --              | 1,181,069   | 130,763     | 17,500          | 17,959                   | 1,347,291    |
| TOTAL                                             | 100             | 1,297,098   | 130,763     | 17,500          | 17,959                   | 1,463,420    |
| CENTRAL COAST <sup>b</sup>                        | --              | --          | --          | --              | --                       | --           |
| NORTH INTERIOR:                                   |                 |             |             |                 |                          |              |
| B AND C <sup>c</sup>                              | --              | 128,128     | --          | --              | --                       | 128,128      |
| A                                                 | --              | 657,373     | --          | --              | --                       | 657,373      |
| TOTAL                                             | --              | 785,501     | --          | --              | --                       | 785,501      |
| SACRAMENTO:                                       |                 |             |             |                 |                          |              |
| B AND D <sup>c</sup>                              | 650             | 14,000      | --          | --              | --                       | 14,000       |
| A                                                 | --              | 440,452     | 99,000      | --              | --                       | 539,452      |
| TOTAL                                             | 650             | 454,452     | 99,000      | --              | --                       | 554,102      |
| SAN JOAQUIN:                                      |                 |             |             |                 |                          |              |
| A AND B <sup>c</sup>                              | 30,000          | 310,589     | 55,246      | --              | --                       | 395,835      |
| TOTAL                                             | 30,000          | 310,589     | 55,246      | --              | --                       | 395,835      |
| SOUTHERN                                          | --              | --          | --          | --              | --                       | --           |
| ALL AREAS:                                        |                 |             |             |                 |                          |              |
| D                                                 | --              | --          | --          | --              | --                       | --           |
| C                                                 | 100             | 35,136      | --          | --              | --                       | 35,136       |
| B                                                 | 650             | 223,021     | --          | --              | --                       | 223,671      |
| A                                                 | 30,000          | 2,589,483   | 285,009     | 17,500          | 17,959                   | 2,939,951    |
| TOTAL                                             | 30,750          | 2,847,640   | 285,009     | 17,500          | 17,959                   | 3,198,858    |

<sup>a</sup> Class D mills = less than 40,000 board-foot capacity per 8-hour shift; C = 40,000-79,999; B = 80,000-119,999; A = 120,000 or more.

<sup>b</sup> Central Coast combined with North Coast to avoid disclosure.

<sup>c</sup> Combined to avoid disclosure.

Table 33--Lumber production by sawmills, by resource area, county, and type of headrig, California, 1992

| RESOURCE AREA<br>AND COUNTY                   | CIRCULAR<br>SAW | BAND<br>SAW | GANG<br>SAW | CHIPPING<br>SAW | SCRAGG<br>DOUBLE-CUT SAW | ALL<br>TYPES |
|-----------------------------------------------|-----------------|-------------|-------------|-----------------|--------------------------|--------------|
| <u>THOUSAND BOARD FEET, LUMBER TALLY</u>      |                 |             |             |                 |                          |              |
| NORTH COAST:                                  |                 |             |             |                 |                          |              |
| DEL NORTE AND<br>HUMBOLDT <sup>a</sup>        | 100             | 773,007     | 130,763     | --              | --                       | 903,870      |
| MENDOCINO                                     | --              | 420,811     | --          | --              | 17,959                   | 438,770      |
| SONOMA <sup>b</sup>                           | --              | 103,280     | --          | 17,500          | --                       | 120,780      |
| TOTAL                                         | 100             | 1,297,098   | 130,763     | 17,500          | 17,959                   | 1,463,420    |
| CENTRAL COAST:                                |                 |             |             |                 |                          |              |
| SANTA CRUZ <sup>b</sup>                       | --              | --          | --          | --              | --                       | --           |
| NORTH INTERIOR:                               |                 |             |             |                 |                          |              |
| LASSEN AND MODOC <sup>a</sup>                 | --              | 236,829     | --          | --              | --                       | 236,829      |
| SHASTA                                        | --              | 334,192     | --          | --              | --                       | 334,192      |
| SISKIYOU AND<br>TRINITY <sup>a</sup>          | --              | 214,480     | --          | --              | --                       | 214,480      |
| TOTAL                                         | --              | 785,501     | --          | --              | --                       | 785,501      |
| SACRAMENTO:                                   |                 |             |             |                 |                          |              |
| BUTTE, PLUMAS, AND<br>SIERRA <sup>a</sup>     | 250             | 231,452     | --          | --              | --                       | 231,702      |
| EL DORADO, NEVADA,<br>AND PLACER <sup>a</sup> | 400             | 223,000     | 99,000      | --              | --                       | 322,400      |
| TOTAL                                         | 650             | 454,452     | 99,000      | --              | --                       | 554,102      |
| SAN JOAQUIN:                                  |                 |             |             |                 |                          |              |
| AMADOR, MADERA,<br>AND TULARE <sup>a</sup>    | 30,000          | 226,609     | --          | --              | --                       | 256,609      |
| TUOLUMNE                                      | --              | 83,980      | 55,246      | --              | --                       | 139,226      |
| TOTAL                                         | 30,000          | 310,589     | 55,246      | --              | --                       | 395,835      |
| SOUTHERN                                      | --              | --          | --          | --              | --                       | --           |
| ALL AREAS                                     | 30,750          | 2,847,640   | 285,009     | 17,500          | 17,959                   | 3,198,858    |

<sup>a</sup> Combined to avoid disclosure.<sup>b</sup> Santa Cruz County combined with Sonoma County to avoid disclosure.

Table 34--Number of pulpmills and board mills by resource area, county, and type of operation, California, 1992

| RESOURCE AREA<br>AND COUNTY | PULPMILL |         |            |              | BOARD MILL |                   |                     | ALL<br>MILLS |
|-----------------------------|----------|---------|------------|--------------|------------|-------------------|---------------------|--------------|
|                             | SULFITE  | SULFATE | GROUNDWOOD | SEMICHEMICAL | HARDBOARD  | PARTICLE<br>BOARD | INSULATION<br>BOARD |              |
| NORTH COAST:                |          |         |            |              |            |                   |                     |              |
| DEL NORTE                   | --       | --      | --         | --           | --         | 1                 | --                  | 1            |
| HUMBOLDT                    | --       | 2       | --         | --           | --         | 1                 | --                  | 3            |
| MENDOCINO                   | --       | --      | --         | --           | 1          | --                | --                  | 1            |
| TOTAL                       | --       | 2       | --         | --           | 1          | 2                 | --                  | 5            |
| CENTRAL COAST               | --       | --      | --         | --           | --         | --                | --                  | --           |
| NORTH INTERIOR:             |          |         |            |              |            |                   |                     |              |
| SHASTA                      | --       | 1       | --         | --           | --         | --                | --                  | 1            |
| TOTAL                       | --       | 1       | --         | --           | --         | --                | --                  | 1            |
| SACRAMENTO:                 |          |         |            |              |            |                   |                     |              |
| BUTTE                       | --       | --      | --         | --           | 1          | 1                 | --                  | 2            |
| TOTAL                       | --       | --      | --         | --           | 1          | 1                 | --                  | 2            |
| SAN JOAQUIN:                |          |         |            |              |            |                   |                     |              |
| AMADOR                      | --       | --      | --         | --           | --         | 1                 | --                  | 1            |
| TOTAL                       | --       | --      | --         | --           | --         | 1                 | --                  | 1            |
| SOUTHERN                    | --       | --      | --         | --           | --         | --                | --                  | --           |
| ALL AREAS                   | --       | 3       | --         | --           | 2          | 4                 | --                  | 9            |

Table 35--Installed capacity of pulpmills and board mills by resource area, county, and type of operation, California, 1992

| RESOURCE AREA<br>AND COUNTRY | PULPMILL                |         |            |              | BOARD MILL                            |                   |                     |
|------------------------------|-------------------------|---------|------------|--------------|---------------------------------------|-------------------|---------------------|
|                              | SULFITE                 | SULFATE | GROUNDWOOD | SEMICHEMICAL | HARDBOARD                             | PARTICLE<br>BOARD | INSULATION<br>BOARD |
|                              | 24-HOUR CAPACITY (TONS) |         |            |              | ANNUAL CAPACITY (MILLION SQUARE FEET) |                   |                     |
|                              |                         |         |            |              | 1/8-INCH BASIS                        | 3/4-INCH BASIS    | 1/2-INCH BASIS      |
| NORTH COAST:                 |                         |         |            |              |                                       |                   |                     |
| DEL NORTE                    | --                      | --      | --         | --           | --                                    | 30                | --                  |
| HUMBOLDT                     | --                      | 1,417   | --         | --           | --                                    | 126               | --                  |
| MENDOCINO                    | --                      | --      | --         | --           | 492                                   | --                | --                  |
| TOTAL                        | --                      | 1,417   | --         | --           | 492                                   | 156               | --                  |
| CENTRAL COAST                | --                      | --      | --         | --           | --                                    | --                | --                  |
| NORTH INTERIOR:              |                         |         |            |              |                                       |                   |                     |
| SHASTA                       | --                      | 265     | --         | --           | --                                    | --                | --                  |
| TOTAL                        | --                      | 265     | --         | --           | --                                    | --                | --                  |
| SACRAMENTO:                  |                         |         |            |              |                                       |                   |                     |
| BUTTE                        | --                      | --      | --         | --           | 215                                   | 42                | --                  |
| TOTAL                        | --                      | --      | --         | --           | 215                                   | 42                | --                  |
| SAN JOAQUIN:                 |                         |         |            |              |                                       |                   |                     |
| AMADOR                       | --                      | --      | --         | --           | --                                    | 140               | --                  |
| TOTAL                        | --                      | --      | --         | --           | --                                    | 140               | --                  |
| SOUTHERN                     | --                      | --      | --         | --           | --                                    | --                | --                  |
| ALL AREAS                    | --                      | 1,682   | --         | --           | 707                                   | 338               | --                  |

## Pulp and Board Industry

**Table 36--Number of pulpmills and board mills by resource area, type of mill, years at present site, and tenure of present owner, California, 1992**

| TYPE OF MILL AND<br>YEARS AT PRESENT SITE | TENURE OF PRESENT OWNER (YEARS) |     |      |       |         | ALL<br>MILLS |
|-------------------------------------------|---------------------------------|-----|------|-------|---------|--------------|
|                                           | 0-2                             | 3-5 | 6-10 | 11-20 | 21 PLUS |              |
| SULFATE:                                  |                                 |     |      |       |         |              |
| 21 PLUS                                   | --                              | --  | 1    | 1     | 1       | 3            |
| TOTAL                                     | --                              | --  | 1    | 1     | 1       | 3            |
| HARDWOOD:                                 |                                 |     |      |       |         |              |
| 11-20                                     | --                              | --  | --   | 1     | --      | 1            |
| 21 PLUS                                   | --                              | 1   | --   | --    | --      | 1            |
| TOTAL                                     | --                              | 1   | --   | 1     | --      | 2            |
| PARTICLEBOARD:                            |                                 |     |      |       |         |              |
| 11-20                                     | --                              | 1   | --   | 1     | --      | 2            |
| 21 PLUS                                   | --                              | --  | --   | 1     | 1       | 2            |
| TOTAL                                     | --                              | 1   | --   | 2     | 1       | 4            |
| ALL AREAS                                 | --                              | 2   | 1    | 4     | 2       | 9            |

**Table 37--Average number of operating days per year of pulpmills and board mills by resource area, California, 1992**

| RESOURCE AREA          | PULPMILL | BOARD MILL |
|------------------------|----------|------------|
| NORTH COAST            | 345      | 309        |
| CENTRAL COAST          | --       | --         |
| NORTH INTERIOR         | 340      | --         |
| SACRAMENTO             | --       | 284        |
| SAN JOAQUIN            | --       | 286        |
| SOUTHERN               | --       | --         |
| ALL AREAS <sup>a</sup> | 343      | 297        |

<sup>a</sup> Average of all mills within each type.

Table 38--Wood consumption by pulpmills and board mills, by resource area and type of material, California, 1992

| RESOURCE AREA                                            | ROUNDWOOD  |              |                         | OTHER WOOD        |                              |         |          |      |           |
|----------------------------------------------------------|------------|--------------|-------------------------|-------------------|------------------------------|---------|----------|------|-----------|
|                                                          | SOUND LOGS | UTILITY LOGS | TOTAL                   | CHIPS             |                              | SAWDUST | SHAVINGS | BARK | TOTAL     |
|                                                          |            |              |                         | FROM MILL RESIDUE | FROM ROUNDWOOD CHIPPING MILL |         |          |      |           |
|                                                          |            |              |                         |                   |                              |         |          |      |           |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>            |            |              | <u>TONS, DRY WEIGHT</u> |                   |                              |         |          |      |           |
| NORTH COAST                                              | --         | --           | --                      | 631,680           | --                           | 138,328 | 92,064   | --   | 862,072   |
| NORTH INTERIOR, SACRAMENTO, AND SAN JOAQUIN <sup>a</sup> | --         | --           | --                      | 196,800           | --                           | 29,502  | 180,543  | --   | 406,845   |
| SOUTHERN                                                 | --         | --           | --                      | --                | --                           | --      | --       | --   | --        |
| ALL AREAS                                                | --         | --           | --                      | 828,480           | --                           | 167,830 | 272,607  | --   | 1,268,917 |

<sup>a</sup> Combined to avoid disclosure.

**Table 39--Pulpmill and board mill consumption of mill residue and chips from other sources, by resource area, type of material, and State of origin, California, 1992**

| RESOURCE AREA AND<br>TYPE OF MATERIAL                       | CALIFORNIA     | OREGON        | TOTAL          |
|-------------------------------------------------------------|----------------|---------------|----------------|
| <u>TONS, DRY WEIGHT</u>                                     |                |               |                |
| NORTH COAST                                                 |                |               |                |
| CHIP RESIDUE                                                | 631,680        | --            | 631,680        |
| CHIPS, OTHER RESOURCES                                      | --             | --            | --             |
| SAWDUST AND SHAVINGS                                        | <u>207,384</u> | <u>23,008</u> | <u>230,392</u> |
| TOTAL                                                       | 839,064        | 23,008        | 862,072        |
| NORTH INTERIOR, SACRAMENTO,<br>AND SAN JOAQUIN <sup>a</sup> |                |               |                |
| CHIP RESIDUE                                                | 196,800        | --            | 196,800        |
| CHIPS, OTHER RESOURCES                                      | --             | --            | --             |
| SAWDUST AND SHAVINGS                                        | <u>210,045</u> | <u>--</u>     | <u>210,045</u> |
| TOTAL                                                       | 406,845        | --            | 406,845        |
| SOUTHERN                                                    | --             | --            | --             |
| ALL AREAS:                                                  |                |               |                |
| CHIP RESIDUE                                                | 828,480        | --            | 828,480        |
| CHIPS, OTHER SOURCES                                        | --             | --            | --             |
| SAWDUST AND SHAVINGS                                        | <u>417,429</u> | <u>23,000</u> | <u>440,429</u> |
| TOTAL                                                       | 1,245,909      | 23,000        | 1,268,909      |

<sup>a</sup> Combined to avoid disclosure.

## Other Industries

Table 40—Number of "other Industry" mills by resource area, county, and type of industry, California, 1992

| RESOURCE AREA<br>AND COUNTY | SHAKE AND<br>SHINGLE | EXPORT | POST, POLE,<br>AND PILING | ALL<br>TYPES |
|-----------------------------|----------------------|--------|---------------------------|--------------|
| NORTH COAST:                |                      |        |                           |              |
| HUMBOLDT                    | 1                    | --     | --                        | 1            |
| MENDOCINO                   | 2                    | --     | --                        | 2            |
| TOTAL                       | 3                    | --     | --                        | 3            |
| CENTRAL COAST               | --                   | --     | --                        | --           |
| NORTH INTERIOR              | --                   | --     | --                        | --           |
| SACRAMENTO:                 |                      |        |                           |              |
| SACRAMENTO                  | --                   | 1      | --                        | 1            |
| TOTAL                       | --                   | 1      | --                        | 1            |
| SAN JOAQUIN                 | --                   | --     | --                        | --           |
| SOUTHERN:                   |                      |        |                           |              |
| LOS ANGELES                 | --                   | --     | 1                         | 1            |
| RIVERSIDE                   | --                   | --     | 1                         | 1            |
| TOTAL                       | --                   | --     | 2                         | 2            |
| ALL AREAS                   | 3                    | 1      | 2                         | 6            |

**Table 41--Installed capacity of "other industry" mills by resource area, county, and type of industry, California, 1992**

| RESOURCE AREA<br>AND COUNTY | SHAKE AND SHINGLE            | POLE, POST, AND PILING                                         |
|-----------------------------|------------------------------|----------------------------------------------------------------|
|                             | 8-HOUR CAPACITY<br>(SQUARES) | ANNUAL CAPACITY<br>(THOUSAND BOARD FEET,<br>SCRIBNER LOG RULE) |
| NORTH COAST:                |                              |                                                                |
| HUMBOLDT                    | 110                          | --                                                             |
| MENDOCINO                   | <u>16</u>                    | <u>--</u>                                                      |
| TOTAL                       | 126                          | --                                                             |
| CENTRAL COAST               | --                           | --                                                             |
| NORTH INTERIOR              | --                           | --                                                             |
| SACRAMENTO                  | --                           | --                                                             |
| SAN JOAQUIN                 | --                           | --                                                             |
| SOUTHERN:                   |                              |                                                                |
| LOS ANGELES                 | --                           | 6,864                                                          |
| RIVERSIDE                   | <u>--</u>                    | <u>12,000</u>                                                  |
| TOTAL                       | --                           | 18,864                                                         |
| ALL AREAS                   | 126                          | 18,864                                                         |

**Table 42--Number of "other industry" mills by type of industry, years at present site, and tenure of present owner, California, 1992**

| TYPE OF INDUSTRY AND<br>YEARS AT PRESENT SITE | TENURE OF PRESENT OWNER (YEARS) |     |      |       |         | ALL<br>MILLS |
|-----------------------------------------------|---------------------------------|-----|------|-------|---------|--------------|
|                                               | 0-2                             | 3-5 | 6-10 | 11-20 | 21 PLUS |              |
| SHAKE AND SHINGLE:                            |                                 |     |      |       |         |              |
| 11-20                                         | --                              | 1   | --   | --    | --      | 1            |
| 21 PLUS                                       | --                              | --  | --   | --    | 2       | 2            |
| TOTAL                                         | --                              | 1   | --   | --    | 2       | 3            |
| POST, POLE, AND PILING:                       |                                 |     |      |       |         |              |
| 11-20                                         | --                              | --  | --   | 1     | --      | 1            |
| 21 PLUS                                       | --                              | --  | --   | --    | 1       | 1            |
| TOTAL                                         | --                              | --  | --   | 1     | 1       | 2            |

**Table 43--Average number of operating days per year of "other industry" mills by resource area and type of industry, California, 1992**

| RESOURCE AREA          | SHAKE AND SHINGLE | POST, POLE, AND PILING |
|------------------------|-------------------|------------------------|
| NORTH COAST            | 156               | --                     |
| CENTRAL COAST          | --                | --                     |
| NORTH INTERIOR         | --                | --                     |
| SACRAMENTO             | --                | --                     |
| SAN JOAQUIN            | --                | --                     |
| SOUTHERN               | --                | 125                    |
| ALL AREAS <sup>a</sup> | 156               | 125                    |

<sup>a</sup> Average of all mills within each type.

**Table 44--Wood consumption by "other industry" mills, by type of industry and type of material, California, 1992**

| TYPE OF INDUSTRY                              | ROUNDWOOD  |              |                 | OTHER WOOD | ALL WOOD |
|-----------------------------------------------|------------|--------------|-----------------|------------|----------|
|                                               | SOUND LOGS | UTILITY LOGS | TOTAL ROUNDWOOD |            |          |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |            |              |                 |            |          |
| SHAKE AND SHINGLE                             | 608        | --           | 608             | 61         | 669      |
| EXPORT                                        | 7,000      | --           | 7,000           | --         | 7,000    |
| POST, POLE, AND PILING                        | 6,905      | --           | 6,905           | --         | 6,905    |
| TOTAL                                         | 14,513     | --           | 14,513          | 61         | 14,574   |

**Table 45--Log consumption by "other industry" mills, by type of industry and age group of timber, California, 1992**

| TYPE OF INDUSTRY                              | 100 YEARS AND OLDER | LESS THAN 100 YEARS | ALL AGE GROUPS |
|-----------------------------------------------|---------------------|---------------------|----------------|
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |                     |                     |                |
| SHAKE AND SHINGLE                             | 602                 | 6                   | 608            |
| EXPORT                                        | 700                 | 6,300               | 7,000          |
| POST, POLE, AND PILING                        | --                  | 6,905               | 6,905          |
| TOTAL                                         | 1,302               | 13,211              | 14,513         |

Table 46--Log consumption by "other Industry" mills, by type of industry and owner, California, 1992

| TYPE OF INDUSTRY                              | STATE | NATIONAL<br>FOREST | BUREAU OF<br>LAND<br>MANAGEMENT | OTHER<br>PUBLIC | FOREST INDUSTRY    |                      | OTHER<br>PRIVATE | UNKNOWN<br>ORIGIN | ALL<br>OWNERS |
|-----------------------------------------------|-------|--------------------|---------------------------------|-----------------|--------------------|----------------------|------------------|-------------------|---------------|
|                                               |       |                    |                                 |                 | OWN WOOD<br>SUPPLY | OTHER WOOD<br>SUPPLY |                  |                   |               |
| <u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u> |       |                    |                                 |                 |                    |                      |                  |                   |               |
| SHAKE AND SHINGLE                             | --    | --                 | --                              | 12              | --                 | 564                  | 32               | --                | 608           |
| EXPORT                                        | --    | --                 | --                              | --              | --                 | 4,900                | 2,100            | --                | 7,000         |
| POST, POLE, AND PILING                        | --    | --                 | --                              | --              | --                 | --                   | --               | 6,905             | 6,905         |
| TOTAL                                         | --    | --                 | --                              | 12              | --                 | 5,464                | 2,132            | 6,905             | 14,513        |

Table 47--Log consumption by "other industry" mills, by type of industry and species, California, 1992

| TYPE OF INDUSTRY                       | DOUGLAS-FIR | REDWOOD | TRUE FIRS | SUGAR<br>PINE | PONDEROSA<br>PINE | LOGGEPOLE<br>PINE | INCENSE-<br>CEDAR | OTHER<br>SOFTWOODS | HARDWOODS | ALL<br>SPECIES |
|----------------------------------------|-------------|---------|-----------|---------------|-------------------|-------------------|-------------------|--------------------|-----------|----------------|
| THOUSAND BOARD FEET, SCRIBNER LOG RULE |             |         |           |               |                   |                   |                   |                    |           |                |
| SHAKE AND SHINGLE                      | --          | --      | --        | --            | --                | --                | 12                | 596                | --        | 608            |
| EXPORT                                 | 4,900       | --      | 2,100     | --            | --                | --                | --                | --                 | --        | 7,000          |
| POST, POLE, AND PILING                 | 4,260       | --      | --        | --            | 162               | 12                | 2,471             | --                 | --        | 6,905          |
| TOTAL                                  | 9,160       | --      | 2,100     | --            | 162               | 12                | 2,483             | 596                | --        | 14,513         |

## Other Industries

**Table 48--Production and disposition of wood residue by "other industry" mills, by type of industry, type of residue, and use, California, 1992**

| TYPE OF INDUSTRY AND<br>TYPE OF RESIDUE          | USED <sup>a</sup> |       |      |               |       | UNUSED | TOTAL |
|--------------------------------------------------|-------------------|-------|------|---------------|-------|--------|-------|
|                                                  | PULP              | BOARD | FUEL | MISCELLANEOUS | TOTAL |        |       |
| <u>TONS, DRY WEIGHT</u>                          |                   |       |      |               |       |        |       |
| COARSE RESIDUE:<br>SHAKE AND SHINGLE             | --                | --    | 9    | 84            | 93    | --     | 93    |
| TOTAL                                            | --                | --    | 9    | 84            | 93    | --     | 93    |
| FINE RESIDUE <sup>b</sup> :<br>SHAKE AND SHINGLE | --                | --    | 17   | 167           | 184   | --     | 184   |
| TOTAL                                            | --                | --    | 17   | 167           | 184   | --     | 184   |
| ALL TYPE OF RESIDUE:<br>SHAKE AND SHINGLE        | --                | --    | 26   | 251           | 277   | --     | 277   |
| TOTAL                                            | --                | --    | 26   | 251           | 277   | --     | 277   |

<sup>a</sup> Residues are not necessarily used in the area or county in which they are produced.

<sup>b</sup> Fine residue includes splints, and sawdust.

**Table 49--Production and disposition of bark residue by "other industry" mills, by type of industry and use, California, 1992**

| TYPE OF INDUSTRY  | USED <sup>a</sup> |       |      |               |       | UNUSED | ALL<br>BARK |
|-------------------|-------------------|-------|------|---------------|-------|--------|-------------|
|                   | PULP              | BOARD | FUEL | MISCELLANEOUS | TOTAL |        |             |
|                   | TONS, DRY WEIGHT  |       |      |               |       |        |             |
| SHAKE AND SHINGLE | --                | --    | 101  | 7             | 108   | --     | 108         |
| TOTAL             | --                | --    | 101  | 7             | 108   | --     | 108         |

<sup>a</sup> Residues are not necessarily used in the area or county in which they are produced.

**Ward, Franklin R. 1995.** California's forest products industry: 1992. Resour. Bull. PNW-RB-206. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 68 p.

This report presents the findings of a survey of primary forest products industries in California for 1992. The survey included the following sectors: lumber; pulp and board; shake and shingle; export; and post, pole, and piling. Veneer and plywood mills are not included because they could not be presented without disclosing critical details. Tables, presented by sector and for the industry as a whole, include characteristics of the industry, nature and flow of logs consumed, and disposition of mill residues.

**Keywords:** Forest products industry, mill surveys, wood utilization, mill residues, California.

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