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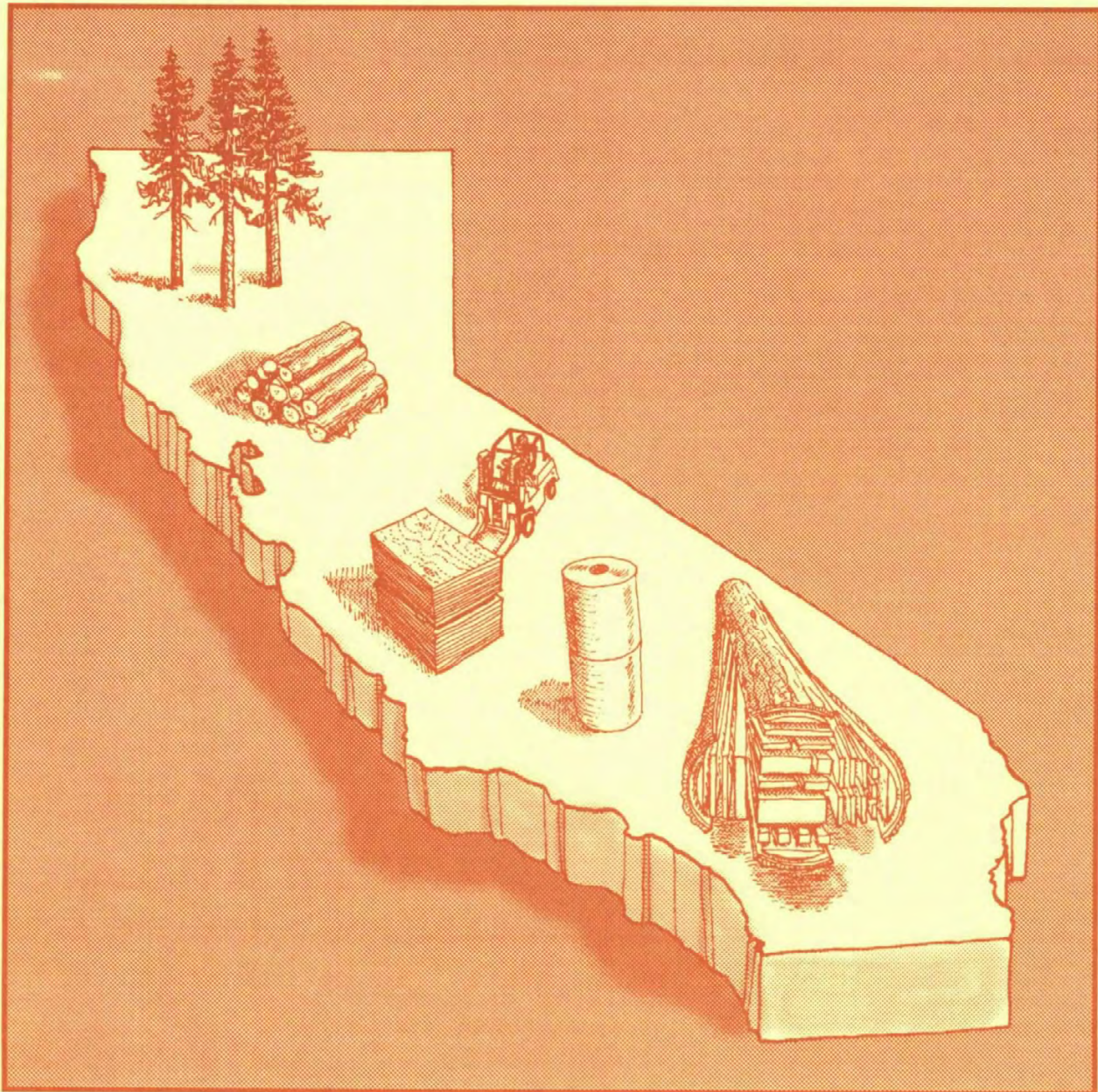
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California's Forest Products Industry: 1994

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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 1994. The survey included the following sectors: lumber; veneer; pulp and board; shake and shingle; export; and post, pole, and piling. 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 1994. Data for the surveys were obtained from a mail and telephone canvas in 1995 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, and 1992. This survey identifies the raw material inputs and characteristics of the forest products industry. Data are shown separately for the following industries: lumber; veneer, pulp and board; shake and shingle; post, pole, and piling; and export.

The survey identifies 72 separate operations that used a total of about 2.4 billion board feet of logs in 1994 for those mills responding to the survey. The lumber sector was the major consumer at about 93 percent. In addition, the pulp and board industry used about 1.1 million tons of wood fiber, 47 percent of it in the form of mill residues. The industry as a whole generated about 4.9 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 four sawmills and one 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

Industry Characteristics

Total number of mills in 1994 was 83:¹

Type of mill	Number
Sawmills	57
Veneer and plywood	4
Pulp	1
Board	7
Shake and shingle	1
Log export	1
Post, pole, and piling	6

- Humboldt County led all others with 15 mills, or 28 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 2,397 million board feet of logs was consumed.
- Pulp and board industry consumed about 1.1 million tons of mill residues and offsite roundwood chips.

Leading counties in roundwood consumption were:

County	Million board feet
Humboldt	692
Lassen and Shasta	450
Modoc, Siskiyou, and Trinity	297
Mendocino	230

- Private lands were the source for 80 percent of the log consumption; forest industry provided 71 percent of the logs from private lands.
- National Forests provided 81 percent of logs from public land.

Log consumption by industry was:

Industry	Percent
Sawmills	93
Veneer mills	5.2
Log export	.1
Pulp and board	0
Post, pole, and piling	1.7
Shake and shingle	<.01

¹ The number of mills in this listing show mills operating in 1994. Not all mills participated in the survey; therefore, other data shown in the summary, introduction, and in tables 1 through 42 in appendix 2 are based on mills that responded to the survey.

Mill Residues

A total of almost 4.9 million tons of residues was generated:

Type of mill	Dry weight of residue
--------------	-----------------------

Tons

Sawmills	4,539,899
Veneer mills	289,837
Shake and shingle	35,163

- 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 57 percent of wood residue went to pulp and board industries; 38 percent was used for fuel.
- About 79 percent of bark was used for fuel; 19 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 mill¹ 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 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 1994. 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), 1988 (Howard and Ward 1991), and 1992 (Ward 1995), this information provides a basis for examining significant trends in industry characteristics and timber use.

Resource area	Log consumption
	<i>Percent</i>
North Coast	40
North Interior	32
Sacramento	16
San Joaquin and North Coast	12

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).

¹ See "Glossary" for definition of terms used in this report.

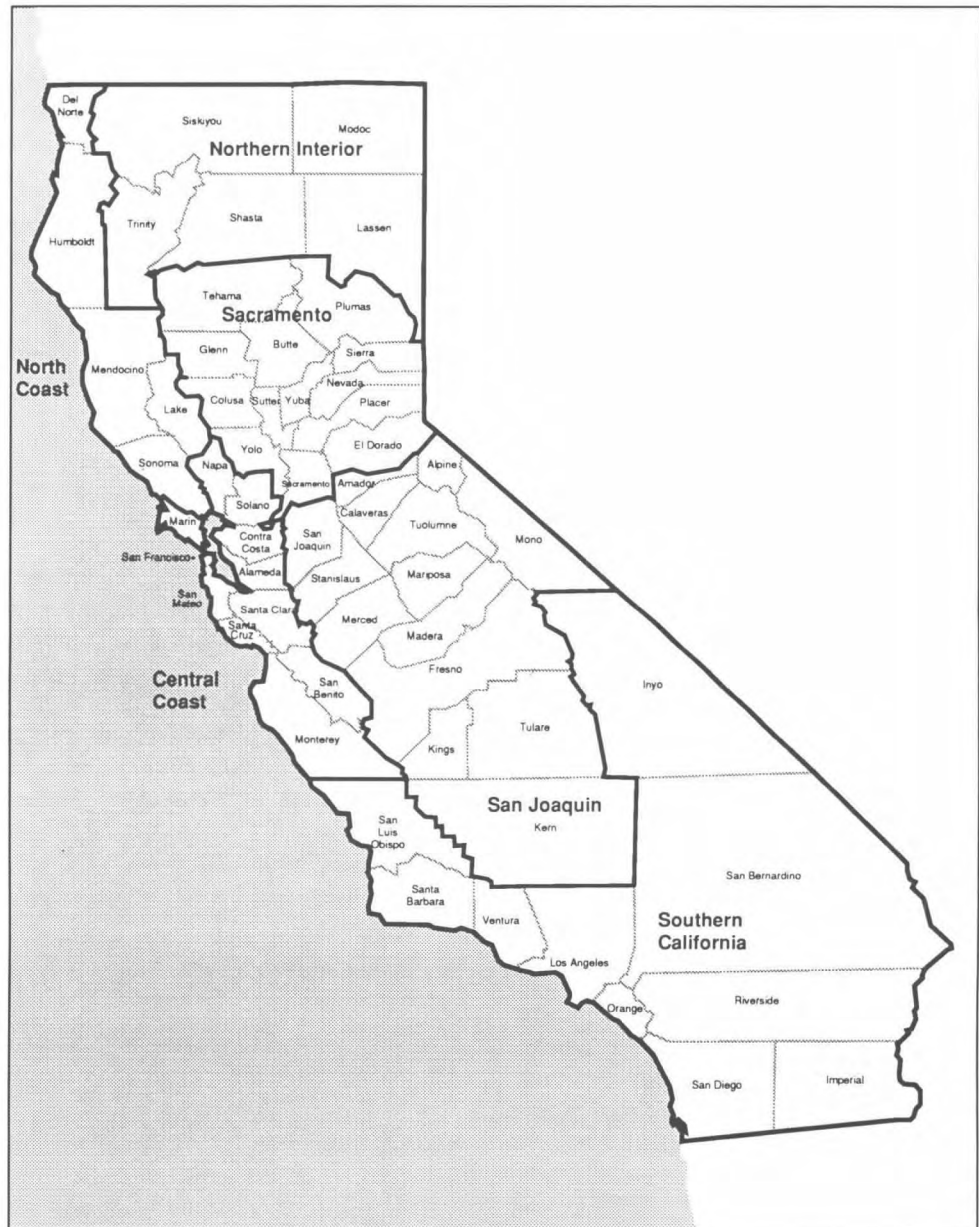


Figure 1—Resource areas for 1996 California forest products industry survey.

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.

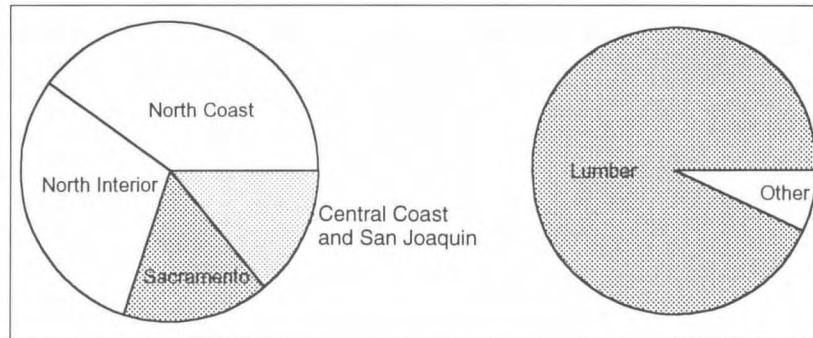


Figure 2—Distribution of log consumption by resource areas and industry.

The importance of the forest industry and resource decreases from north to south. The North 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.

Figures 3 to 6 indicate some trends in California's forest products industry. The 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, 1988, and 1992 surveys.

Comparison With Previous Surveys

Industry	Number of mills by year ²							
	1968	1972	1976	1982	1985	1988	1992	1994
Sawmills	216	176	142	101	89	93	56	53
Veneer and plywood	26	25	21	10	6	6	3	4
Pulp and board	17	181	7	10	11	11	9	12
Shake and shingle	3	7	7	4	3	4	3	1
Post, pile, and piling	3	6	6	5	6	5	2	5
Log export	13	6	7	4	5	5	1	1
Total	275	238	200	134	120	124	71	72

² The post, pole, and piling category was not included in the 1968 survey.

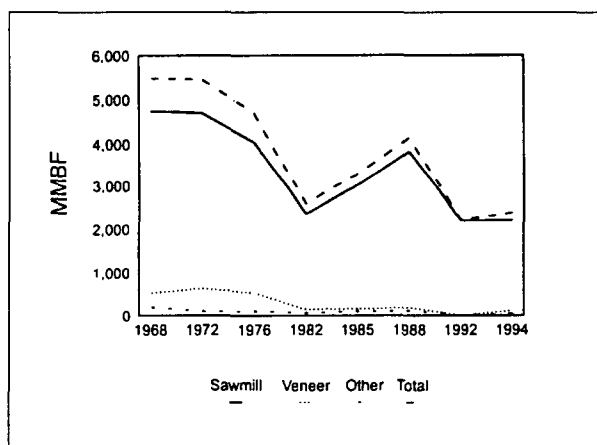


Figure 3—Log consumption by industry. Does not include veneer for 1992.

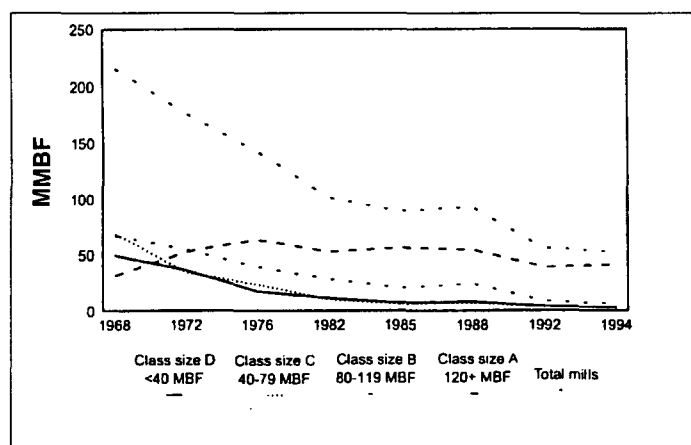


Figure 4—Sawmills by size class.

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.

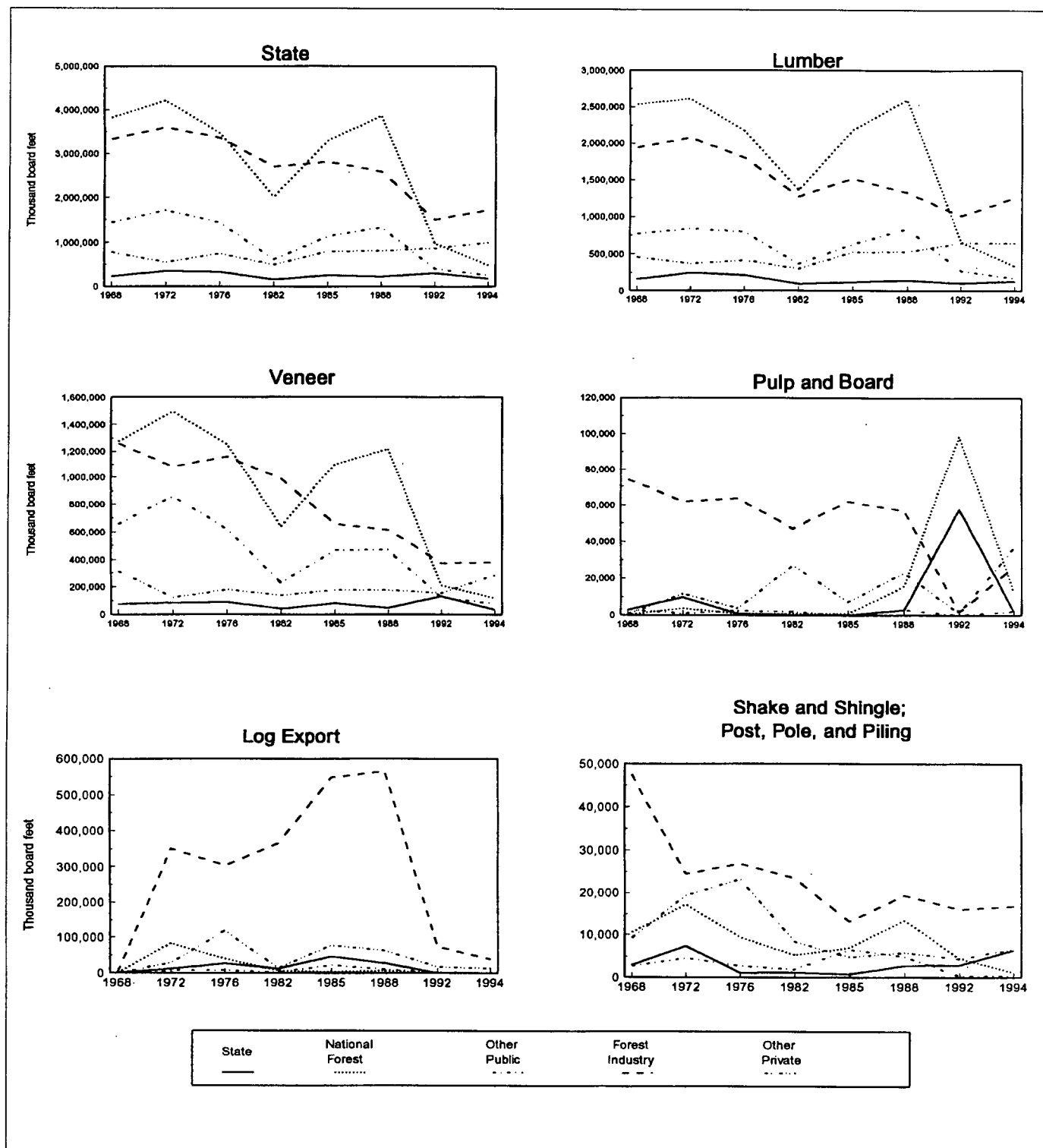


Figure 5—Log consumption by ownership class and industry.

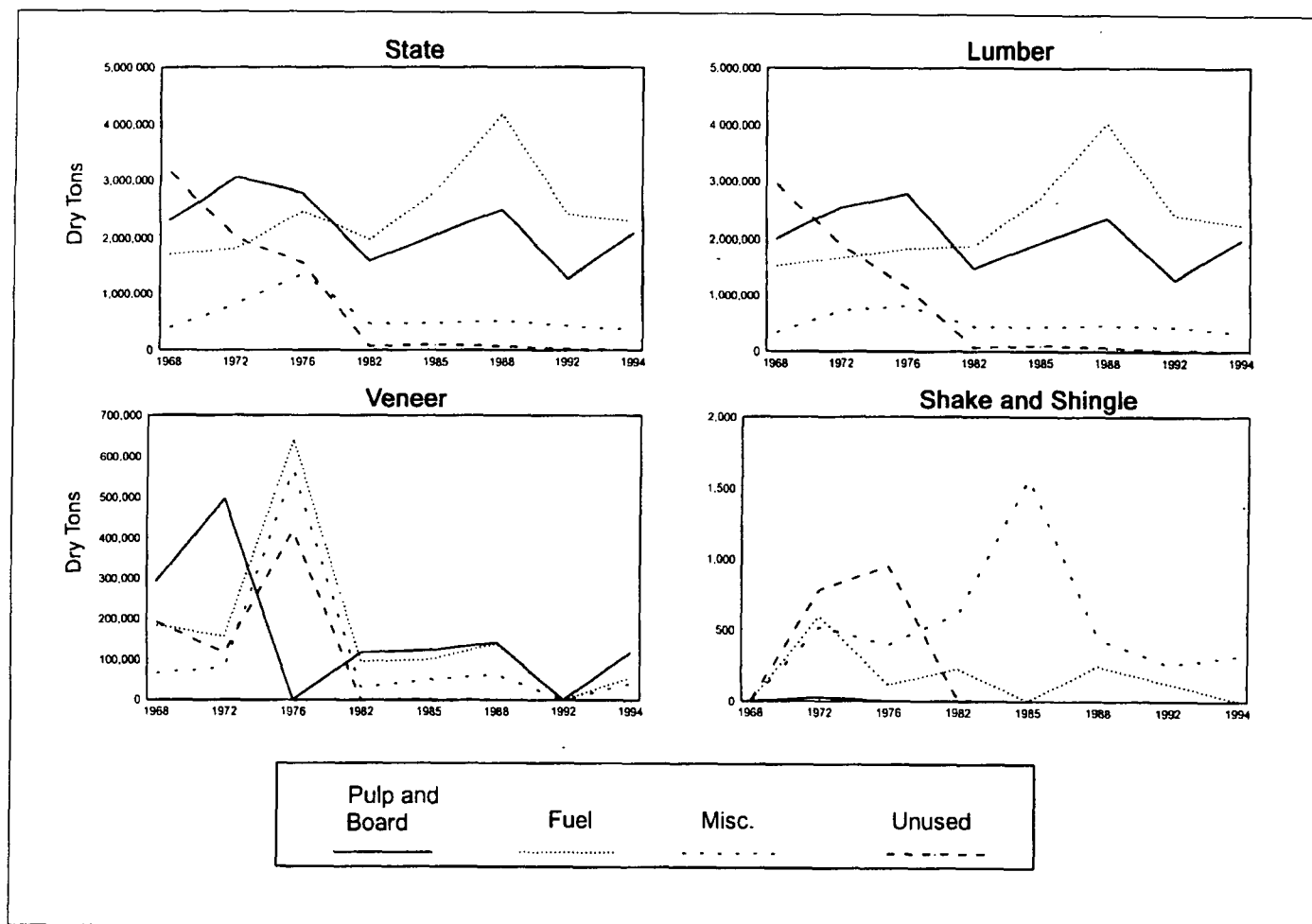


Figure 6—Production and disposition of wood and bark residue by use and by industry. Shake and shingle industry not sampled in 1968 and veneer industry not sampled in 1992.

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:¹

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

Softwood sawmill residue, redwood and incense-cedar—Average quantity of residues developed from producing 1,000 board feet of lumber:²

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

¹ 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.

² 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.³

Type of residue	Dry weight		
	Solid volume		per MBF ⁴
	<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

³ From information provided by the Red Cedar Shingle Bureau, Bellevue, WA.

⁴ MBF = thousand feet board measure.

Appendix 2

Note: Totals among tables may not be the same due to rounding.

Table 1--Number of mills by resource area and type of industry, California, 1994

RESOURCE AREA	LUMBER	VENEER	PULP AND BOARD ^a	OTHER INDUSTRIES			ALL INDUSTRIES
				SHAKE AND SHINGLE	EXPORT ^b	POST, POLE, AND PILING	
NORTH COAST	25	--	4	1	1	--	31
CENTRAL COAST	1	--	--	--	--	--	1
NORTH INTERIOR	11	3	--	--	--	--	14
SACRAMENTO	8	--	3	--	--	1	12
SAN JOAQUIN	8	1	1	--	--	2	12
SOUTHERN	--	--	--	--	--	2	2
ALL AREAS	53	4	8	1	1	5	72

^a Each pulping process at a single location is considered an individual mill.^b 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, 1994

RESOURCE AREA AND INDUSTRY	ROUNDWOOD	OTHER WOOD ^a	RESIDUE ^b
	THOUSAND BOARD FEET SCRIBNER LOG RULE		TONS DRY WEIGHT
NORTH COAST:			
LUMBER	956,292	200	--
PULP AND BOARD	--	--	741,101
SHAKE AND SHINGLE	350	200	--
LOG EXPORT	2,700	--	--
TOTAL	959,342	400	741,101
CENTRAL COAST:			
LUMBER ^c	--	--	--
NORTH INTERIOR:			
LUMBER	622,390	--	--
VENEER ^d	124,538	--	--
TOTAL	746,928	--	--
SACRAMENTO:			
LUMBER	350,165	--	--
PULP AND BOARD ^e	--	--	391,138
POST, POLE, AND PILING	41,489	--	--
TOTAL	391,654	--	391,138
SAN JOAQUIN:			
LUMBER ^c	299,489	--	--
VENEER ^d	--	--	--
PULP AND BOARD ^e	--	--	--
TOTAL	299,489	--	--
SOUTHERN	--	--	--
ALL AREAS:			
LUMBER	2,228,336	200	--
VENEER	124,538	--	--
PULP AND BOARD	--	--	1,132,239
SHAKE AND SHINGLE	350	200	--
EXPORT	2,700	--	--
POST, POLE, AND PILING	41,489	--	--
TOTAL	2,397,413	400	1,132,239

^a 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.

^b Includes residues from the sawmill, veneer, and shake and shingle industries, plus chips from roundwood chipping plants.

^c Central Coast and San Joaquin combined to avoid disclosure.

^d North Interior and San Joaquin combined to avoid disclosure.

^e Sacramento and San Joaquin combined to avoid disclosure.

All Industries

Table 3—Log flows to mills by resource area, industry, and State, California, 1994

RESOURCE AREA AND INDUSTRY	CALIFORNIA	OREGON	WASHINGTON	OTHER	ALL STATES
THOUSAND BOARD FEET, SCRIBNER LOG RULE					
NORTH COAST:					
LUMBER	947,202	2,090	1,750	5,250	956,292
SHAKE AND SHINGLE	350	--	--	--	350
LOG EXPORT	2,700	--	--	--	2,700
TOTAL	950,252	2,090	1,750	5,250	959,342
CENTRAL COAST:					
LUMBER ^a	--	--	--	--	--
NORTH INTERIOR:					
LUMBER	615,086	4,110	--	3,194	622,390
VENEER ^b	123,788	--	500	250	124,538
TOTAL	738,874	4,110	500	3,444	746,928
SACRAMENTO:					
LUMBER	350,165	--	--	--	350,165
POST, POLE, AND PILING ^c	15,159	3,235	21,262	1,833	41,489
TOTAL	365,324	3,235	21,262	1,833	391,654
SAN JOAQUIN:					
LUMBER ^a	295,343	--	--	4,146	299,489
VENEER ^b	--	--	--	--	--
TOTAL	295,343	--	--	4,146	299,489
SOUTHERN:					
POST, POLE, AND PILING ^c	--	--	--	--	--
TOTAL	--	--	--	--	--
ALL AREAS:					
LUMBER	2,207,796	6,200	1,750	12,590	2,228,336
VENEER	123,788	--	500	250	124,538
PULP AND BOARD	--	--	--	--	--
SHAKE AND SHINGLE	350	--	--	--	350
EXPORT	2,700	--	--	--	2,700
POST, POLE, AND PILING	15,159	3,235	21,262	1,833	41,489
TOTAL	2,349,793	9,435	23,512	14,673	2,397,413

^a Central Coast and San Joaquin combined to avoid disclosure.^b Sacramento and San Joaquin combined to avoid disclosure.^c Sacramento and Southern combined to avoid disclosure.

Table 4--Log flows by resource area, county of use, and county and out-of-State origin, California, 1994

RESOURCE AREA AND COUNTY OF USE	NORTH COAST					CENTRAL COAST				NORTHERN INTERIOR				
	TOTAL	DEL NORTE	HUMBOLDT	LAKE	MENDOCINO	SONOMA	SAN MATEO	SANTA CLARA	SANTA CRUZ	LASSEN	MODOC	SHASTA	SISKIYOU	TRINITY
THOUSAND BOARD FEET, SCRIBNER LOG RULE														
NORTH COAST:														
DEL NORTE AND HUMBOLDT ^a	692,128	66,847	535,335	--	22,939	4,000	--	--	4,800	--	--	11,483	8,800	17,689
MENDOCINO	31,155	--	715	1,680	1,680	22,084	--	--	420	--	--	840	--	796
SONOMA ^b	46,200	--	--	--	17,790	9,060	6,000	2,400	10,950	--	--	--	--	--
TOTAL	769,483	66,847	536,050	1,680	42,409	35,144	6,000	2,400	16,170	--	--	12,323	8,800	18,485
CENTRAL COAST:														
SANTA CRUZ ^b	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:														
LASSEN AND MODOC ^a	130,500	--	--	--	--	--	--	--	--	70,100	25,900	1,850	--	1,480
SHASTA	323,580	--	--	--	--	--	--	--	--	46,266	50,400	99,690	21,050	42,860
SISKIYOU AND TRINITY ^a	172,830	--	23,520	--	--	--	--	--	--	--	6,389	33,266	27,972	54,390
TOTAL	626,910	--	23,520	--	--	--	--	--	--	116,366	82,689	134,806	49,022	98,730
SACRAMENTO:														
BUTTE, PLUMAS, AND SIERRA ^a	238,300	--	--	334	--	--	--	--	--	6,947	1,069	--	--	--
EL DORADO, NEVADA, AND PLACER	141,230	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	379,530	--	--	334	--	--	--	--	--	6,947	1,069	--	--	--
SAN JOAQUIN: ^c														
AMADOR, MADERA, FRESNO, AND TULARE ^a	178,275	--	--	--	--	--	--	--	--	--	--	--	--	--
TUOLUMNE	130,000	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	308,275	--	--	--	--	--	--	--	--	--	--	--	--	--
SOUTHERN:														
LOS ANGELES AND RIVERSIDE ^{a,c}	343	--	--	--	--	--	--	--	--	--	--	343	--	--
	2,157	--	--	--	--	--	--	--	--	--	--	17	--	--
TOTAL	2,500	--	--	--	--	--	--	--	--	--	--	360	--	--
ALL AREAS	2,086,698	66,847	559,570	2,014	42,409	35,144	6,000	2,400	16,170	123,313	83,758	147,489	57,822	117,215

See footnotes at end of table.

Table 4--Log flows by resource area, county of use, and county and out-of-State origin, California, 1994 (continued)

RESOURCE AREA AND COUNTY OF USE	SACRAMENTO								
	BUTTE	EL DORADO	GLENN	NEVADA	PLACER	PLUMAS	SIERRA	TEHAMA	YUBA
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>									
NORTH COAST:									
DEL NORTE AND HUMBOLDT ^a	--	--	--	--	11,145	--	--	--	--
MENDOCINO	--	--	--	840	420	420	--	--	1,260
SONOMA ^b	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	840	11,565	420	--	--	1,260
CENTRAL COAST:									
SANTA CRUZ ^b	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:									
LASSEN AND MODOC ^a	--	--	--	--	--	29,690	370	--	--
SHASTA	16,162	--	--	4,312	--	18,050	540	24,250	--
SISKIYOU AND TRINITY ^a	4,689	--	--	--	--	7,033	--	9,377	--
TOTAL	20,851	--	--	4,312	--	54,773	910	33,627	--
SACRAMENTO:									
BUTTE, PLUMAS, AND SIERRA ^a	10,418	3,337	--	35,000	--	108,273	40,162	10,153	250
EL DORADO, NEVADA, AND PLACER ^a	--	63,489	6,300	32,000	12,017	--	--	--	--
TOTAL	10,418	66,826	6,300	67,000	12,017	108,273	40,162	10,153	250
SAN JOAQUIN: ^c									
AMADOR, MADERA, FRESNO, AND TULARE ^a	--	20,005	--	1,398	350	--	1,398	--	--
TUOLUMNE	--	10,750	--	--	--	--	--	--	--
TOTAL	--	30,755	--	1,398	350	--	1,398	--	--
SOUTHERN:									
LOS ANGELES AND RIVERSIDE ^{a c}	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--
ALL AREAS	31,269	97,581	6,300	73,550	23,932	163,466	42,470	43,780	1,510

See footnotes at end of table.

Table 4--Log flows by resource area, county of use, and county, and out-of-State origin, California, 1994 (continued)

RESOURCE AREA AND COUNTY OF USE	SAN JOAQUIN											OUT-OF- STATE
	AMADOR	CALAVERAS	FRESNO	KERN	MADERA	MARIPOSA	STANISLAUS	TULARE	TUOLUMNE	INYO	SAN BERNARDINO	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>												
NORTH COAST: DEL NORTE AND HUMBOLDT ^a	--	--	--	--	--	--	--	--	--	--	--	9,090
MENDOCINO	--	--	--	--	--	--	--	--	--	--	--	--
SONOMA ^b	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--	--	9,090
CENTRAL COAST: SANTA CRUZ ^b	--	--	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR: LASSEN AND MODOC ^a	--	--	--	--	--	--	--	--	--	--	--	1,110
SHASTA	--	--	--	--	--	--	--	--	--	--	--	--
SISKIYOU, AND TRINITY ^a	--	--	--	--	--	--	--	--	--	--	--	6,194
TOTAL	--	--	--	--	--	--	--	--	--	--	--	7,304
SACRAMENTO: BUTTE, PLUMAS, AND SIERRA ^a	--	--	--	--	--	--	--	--	--	--	--	22,357
ELDORADO, NEVADA, AND PLACER ^a	4,200	--	--	--	--	--	12,505	3,216	--	7,503	--	--
TOTAL	4,200	--	--	--	--	--	12,505	3,216	--	7,503	--	22,357
SAN JOAQUIN: ^c AMADOR, MADERA, FRESNO, AND TULARE ^a	25,832	51,663	27,380	2,447	23,810	2,316	--	15,063	2,068	699	350	3,496
TUOLUMNE	5,600	20,000	--	--	--	4,250	--	--	88,000	--	--	1,400
TOTAL	31,432	71,663	27,380	2,447	23,810	6,566	--	15,063	90,068	699	350	4,896
SOUTHERN: LOS ANGELES AND RIVERSIDE ^{a,c}	--	--	--	--	--	--	--	--	--	--	--	2,140
TOTAL	--	--	--	--	--	--	--	--	--	--	--	2,140
ALL AREAS	35,632	71,663	27,380	2,447	23,810	6,566	12,505	18,279	90,068	8,202	350	45,787

^aCombined to avoid disclosure.^b Sonoma County includes 1 sawmill from Santa Cruz County to avoid disclosure.^cIncludes two post, pole, and piling mills from San Joaquin Area to avoid disclosure.

All Industries

Table 5--Log flows to mills from National Forests, by resource area and county of use, California 1994

RESOURCE AREA AND COUNTY OF USE	EL DORADO	INYO	KLAMATH	LASSEN	MENDOCINO	MODOC	PLUMAS	SEQUOIA
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
NORTH COAST:								
DEL NORTE AND HUMBOLDT ^a	--	--	1,200	--	1,200	--	--	--
MENDOCINO	--	--	--	--	--	--	--	--
SONOMA ^b	--	--	--	--	--	--	--	--
TOTAL	--	--	1,200	--	1,200	--	--	--
CENTRAL COAST:								
SANTA CRUZ ^b	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:								
LASSEN AND MODOC ^a	--	--	--	17,080	--	2,960	6,700	--
SHASTA	--	--	302	9,765	1,580	3,440	1,577	--
SISKIYOU AND TRINITY ^a	--	--	12,573	4,792	--	--	3,282	--
TOTAL	--	--	12,875	31,637	1,580	6,400	11,559	--
SACRAMENTO:								
BUTTE, PLUMAS, AND SIERRA ^a	--	--	--	3,687	--	5,290	38,891	--
EL DORADO, NEVADA, AND PLACER ^a	10,325	8,196	--	--	189	--	1,134	1,329
TOTAL	10,325	8,196	--	3,687	189	5,290	40,025	1,329
SAN JOAQUIN: ^c								
AMADOR, MADERA FRESNO, AND TULARE ^a	8,474	--	--	--	--	--	--	8,589
TUOLUMNE	8,300	--	--	--	--	--	--	--
TOTAL	16,774	--	--	--	--	--	--	8,589
SOUTHERN:								
LOS ANGELES AND RIVERSIDE ^{a c}	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--
ALL AREAS	27,099	8,196	14,075	35,324	2,969	11,690	51,584	9,918

See footnotes at end of table.

Table 5--Log flows to mills from National Forests, by resource area and county of use, California, 1994 (continued)

RESOURCE AREA AND COUNTY OF USE	SHASTA- TRINITY	SIERRA	SIX RIVERS	STANISLAUS	TAHOE	OUT-OF-STATE FORESTS	ALL FORESTS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>							
NORTH COAST:							
DEL NORTE							
HUMBOLDT ^a	4,800	--	25,509	--	--	--	32,709
MENDOCINO	--	--	--	--	--	--	--
SONOMA ^b	--	--	--	--	--	--	--
TOTAL	4,800	--	25,509	--	--	--	32,709
CENTRAL COAST:							
SANTA CRUZ ^b	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC ^a	2,960	--	--	--	--	--	29,700
SHASTA	19,437	--	--	--	--	--	36,401
SISKIYOU AND TRINITY ^c	22,950	--	3,931	--	1,407	1,215	50,150
TOTAL	45,347	--	3,931	--	1,407	1,215	115,951
SACRAMENTO:							
BUTTE, PLUMAS, AND SIERRA ^a	--	--	--	--	31,662	--	79,530
EL DORADO, NEVADA, AND PLACER ^a	--	--	--	11,741	12,389	--	45,303
TOTAL	--	--	--	11,741	44,051	--	124,833
SAN JOAQUIN: ^c							
AMADOR, MADERA, FRESNO, AND TULARE ^a	--	39,717	--	1,272	--	--	58,052
TUOLUMNE	--	1,575	--	41,625	--	--	51,500
TOTAL	--	41,292	--	42,897	--	--	109,552
SOUTHERN:							
LOS ANGELES AND RIVERSIDE ^{a c}	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
ALL AREAS	50,147	41,292	29,440	54,638	45,458	1,215	383,045

^a Combined to avoid disclosure.

^b Sonoma County includes 1 sawmill from Santa Cruz County to avoid disclosure.

^c Includes two post, pole, and piling mills from San Joaquin Area to avoid disclosure.

Table 6--Log flows to mills from National Forests, by resource area and industry, California, 1994

RESOURCE AREA	EL DORADO	INYO	KLAMATH	LASSEN	MENDOCINO	MODOC	PLUMAS	SEQUIOA
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
NORTH COAST: LUMBER	--	--	1,200	--	1,200	--	--	--
CENTRAL COAST: LUMBER ^a	--	--	--	--	--	--	--	--
NORTH INTERIOR: LUMBER ^b	--	--	12,875	29,387	1,580	6,400	9,309	--
VENEER ^b	1,750	--	--	2,250	--	--	2,250	--
TOTAL	1,750	--	12,875	31,637	1,580	6,400	11,559	--
SACRAMENTO: LUMBER	10,325	8,196	--	3,687	189	5,290	40,025	1,329
SAN JOAQUIN: LUMBER ^a	15,025	--	--	--	--	--	--	8,589
VENEER ^b								
SOUTHERN: LUMBER	--	--	--	--	--	--	--	--
ALL AREAS: LUMBER	25,350	8,196	14,075	33,074	2,969	11,690	49,334	9,918
VENEER	1,750	--	--	2,250	--	--	2,250	--
TOTAL	27,100	8,196	14,075	35,324	2,969	11,690	51,584	9,918

See footnotes at end of table.

Table 6--Log flows to mills from National Forests, by resource area and industry, California, 1994
(continued)

RESOURCE AREA	SHASTA- TRINITY	SIERRA	SIX RIVERS	STANISLAUS	TAHOE	OUT-OF-STATE FORESTS	ALL FORESTS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>							
NORTH COAST: LUMBER	4,800	--	25,509	--	--	--	29,538
CENTRAL COAST: LUMBER ^a	--	--	--	--	--	--	--
NORTH INTERIOR: LUMBER ^b	42,544	--	3,931	--	1,407	1,215	269,635
VENEER ^b	2,803	438	--	6,563	--	--	--
TOTAL	45,347	438	3,931	6,563	1,407	1,215	269,365
SACRAMENTO: LUMBER	--	--	--	11,741	44,051	--	150,535
SAN JOAQUIN: LUMBER ^a	--	40,854	--	36,335	--	--	156,559
VENEER ^b	--	--	--	--	--	--	--
SOUTHERN: LUMBER	--	--	--	--	--	--	--
ALL AREAS: LUMBER	47,344	40,854	29,440	48,076	45,458	1,215	366,993
VENEER	2,803	438	--	6,563	--	--	16,053
TOTAL	50,147	41,292	29,440	55,003	45,458	1,215	383,046

^a Central Coast combined with San Joaquin to avoid disclosure.

^b North Interior and San Joaquin combined to avoid disclosure.

Table 7--Log consumption by mills, by resource area, industry, and owner, California, 1994

RESOURCE AREA AND INDUSTRY	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY					
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY	OTHER PRIVATE	NATIVE AMERICAN	UNKNOWN ORIGIN	ALL OWNERS
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST:										
LUMBER	37,866	32,709	--	18	579,777	66,962	234,078	4883	--	956,293
SHAKE AND SHINGLE	--	--	--	18	--	298	28	7	--	351
LOG EXPORT	--	--	--	--	--	--	2,700	--	--	2,700
TOTAL	37,866	32,709	--	36	579,777	67,260	236,806	4890	--	959,344
CENTRAL COAST:										
LUMBER ^a	--	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:										
LUMBER	23,450	108,648	5,150	19,320	233,063	109,942	122,818	--	--	622,391
VENEER ^b	--	16,053	250	--	81,610	--	26,625	--	--	124,538
TOTAL	23,450	124,701	5,400	19,320	314,673	109,942	149,443	--	--	746,929
SACRAMENTO:										
LUMBER	1,786	124,833	--	--	89,888	86,039	47,619	--	--	350,165
POST, POLE, & PILING	--	--	--	--	--	155	33,369	--	7,965	41,489
TOTAL	1,786	124,833	--	--	89,888	86,194	80,988	--	--	383,689
SAN JOAQUIN:										
LUMBER ^a	350	100,802	650	--	108,729	--	88,958	--	--	299,489
VENEER ^b	--	--	--	--	--	--	--	--	--	--
TOTAL	350	100,802	650	--	108,729	--	88,958	--	--	299,489
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS:										
LUMBER	63,452	366,992	5,800	19,338	1,011,457	262,943	493,473	4,883	--	2,228,338
VENEER	--	16,053	250	--	81,610	--	26,625	--	--	124,538
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	18	--	298	28	7	--	351
EXPORT	--	--	--	--	--	--	2,700	--	--	2,700
POST, POLE, AND PILING	--	--	--	--	--	155	33,369	--	7,965	41,489
TOTAL	63,452	383,045	6,050	19,356	1,093,067	263,396	556,195	4,890	7,965	2,397,416

^a Central Coast and San Joaquin combined to avoid disclosure.^b North Interior and San Joaquin Interior combined to avoid disclosure.

Table 8--Log consumption by mills, by resource area, industry, and species, California, 1994

RESOURCE AREA AND INDUSTRY	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PINE	PONDEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST:										
LUMBER	404,195	510,701	22,130	3,897	2,440	--	1,231	11,699	--	956,293
SHAKE AND SHINGLE	--	--	--	--	--	--	--	350	--	350
LOG EXPORT	2,673	27	--	--	--	--	--	--	--	2,700
TOTAL	406,868	510,728	22,130	3,897	2,440	--	1,231	11,699	--	959,343
CENTRAL COAST:										
LUMBER ^a	--	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:										
LUMBER ^b	136,216	--	245,387	41,958	168,369	--	24,060	6,400	--	622,390
VENEER ^b	15,158	--	95,229	6,000	6,000	1,651	--	--	500	124,538
TOTAL	151,374	--	340,616	47,958	174,369	1,651	24,060	6,400	500	746,928
SACRAMENTO:										
LUMBER	34,593	--	154,770	44,920	93,266	--	22,616	--	--	350,165
POST, POLE, AND PILING ^c	29,612	--	36	--	4,718	7,123	--	--	--	41,489
TOTAL	64,205	--	154,806	44,920	97,984	7,123	22,616	--	--	391,654
SAN JOAQUIN:										
LUMBER	17,059	14,773	96,837	45,929	111,047	650	9,049	4,146	--	299,490
POST, POLE, AND PILING ^c	--	--	--	--	--	--	--	--	--	--
TOTAL	17,059	14,773	96,837	45,929	111,047	650	9,049	4,146	--	299,490
SOUTHERN:										
POST, POLE, AND PILING ^c	--	--	--	--	--	--	--	--	--	--
ALL AREAS:										
LUMBER	592,063	525,474	519,124	136,704	375,122	650	56,956	22,245	--	2,228,338
VENEER	15,158	--	95,229	6,000	6,000	1,651	--	--	500	124,538
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	--	--	--	--	350	--	350
EXPORT	2,673	27	--	--	--	--	--	--	--	2,700
POST, POLE, AND PILING	29,612	--	36	--	4,718	7,123	--	--	--	41,489
TOTAL	639,506	525,501	614,389	142,704	385,840	9,424	56,956	22,595	500	2,397,415

^a Central Coast and San Joaquin combined to avoid disclosure.^b San Joaquin and North Central combined to avoid disclosure.^c Southern and San Joaquin combined with Sacramento to avoid disclosure.

Table 9--Production and disposition of wood and bark residue by mills, by resource area, industry, and use, California, 1994

RESOURCE AREA AND INDUSTRY	WOOD RESIDUE					
	USED ^a				UNUSED	ALL WOOD
	PULP AND BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS., DRY WEIGHT						
NORTH COAST:						
LUMBER	1,076,544	520,428	65,164	1,662,136	--	1,662,136
SHAKE AND SHINGLE	--	--	222	222	--	222
TOTAL	1,076,544	520,428	65,386	1,662,358	--	1,662,358
CENTRAL COAST:						
LUMBER ^b	--	--	--	--	--	--
NORTH INTERIOR:						
LUMBER	549,271	414,307	--	963,578	--	963,578
VENEER ^c	192,951	9,619	10,450	213,020	300	213,320
TOTAL	742,222	423,926	10,450	1,176,598	300	1,176,898
SACRAMENTO:						
LUMBER	166,100	327,646	18,978	512,724	--	512,724
TOTAL	166,100	327,646	18,978	512,724	--	512,724
SAN JOAQUIN:						
LUMBER ^b	168,814	162,014	86,789	417,617	--	417,617
VENEER ^c	--	--	--	--	--	--
TOTAL	168,814	162,014	86,789	417,617	--	417,617
SOUTHERN:	--	--	--	--	--	--
ALL AREAS:						
LUMBER	1,960,729	1,424,395	170,931	3,556,055	--	3,556,055
VENEER	192,951	9,619	10,450	213,020	300	213,320
SHAKE AND SHINGLE	--	--	222	222	--	222
TOTAL	2,153,680	1,434,014	181,603	3,769,297	300	3,769,597

See footnotes at end of table.

Table 9--Production and disposition of wood and bark residue by mills, by resource area, industry, and use, California, 1994 (continued)

RESOURCE AREA AND INDUSTRY	BARK RESIDUE						
	USED ^a				UNUSED	ALL BARK	ALL RESIDUE
	PULP AND BOARD	FUEL	MISCELLANEOUS	TOTAL			
TONS, DRY WEIGHT							
NORTH COAST:							
LUMBER	14,652	403,503	32,419	450,574	8,430	459,004	2,121,140
SHAKE AND SHINGLE	--	--	97	97	--	97	319
TOTAL	14,652	403,503	32,516	450,671	8,430	459,101	2,121,459
CENTRAL COAST:							
LUMBER ^b	--	--	--	--	--	--	--
NORTH INTERIOR:							
LUMBER	--	255,452	11,613	267,065	--	267,065	1,230,643
veneER ^c	--	46,041	30,476	76,517	--	76,517	289,837
TOTAL	--	301,493	42,089	343,582	--	343,582	1,520,480
SACRAMENTO:							
LUMBER	--	128,732	13,344	142,076	--	142,076	654,800
TOTAL	--	128,732	13,344	142,076	--	142,076	654,800
SAN JOAQUIN:							
LUMBER ^b	--	15,437	100,262	115,699	--	115,699	533,316
veneER ^c	--	--	--	--	--	--	--
TOTAL	--	15,437	100,262	115,699	--	115,699	533,316
SOUTHERN:	--	--	--	--	--	--	--
ALL AREAS:							
LUMBER	14,652	803,124	157,638	975,414	8,430	983,844	4,539,899
veneER	--	46,041	30,476	76,517	--	76,517	289,837
SHAKE AND SHINGLE	--	--	97	97	--	97	319
TOTAL	14,652	849,165	188,211	1,052,028	8,430	1,060,458	4,830,055

^a Residues are not necessarily used in the area in which they are produced; included are residues exported from California.

^b Central Coast and San Joaquin combined to avoid disclosure.

^c North Interior and San Joaquin combined to avoid disclosure.

Table 10--Number of sawmills by resource area, county, and mill-size class, California, 1994

RESOURCE AREA AND COUNTY	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
NORTH COAST:					
HUMBOLDT	1	--	2	12	15
MENDOCINO	--	--	--	7	7
SONOMA	--	2	--	1	3
TOTAL	1	2	2	20	25
CENTRAL COAST:					
SANTA CRUZ	--	--	1	--	1
TOTAL	--	--	1	--	1
NORTH INTERIOR:					
LASSEN	--	--	--	2	2
SHASTA	--	1	--	4	5
SISKIYOU	--	--	--	2	2
TRINITY	--	--	--	2	2
TOTAL	--	1	--	10	11
SACRAMENTO:					
BUTTE	1	--	--	--	1
EL DORADO	--	--	--	2	2
NEVADA	1	--	--	--	1
PLACER	--	--	--	1	1
PLUMAS	--	--	--	2	2
SIERRA	--	--	--	1	1
TOTAL	2	--	--	6	8
SAN JOAQUIN:					
AMADOR	--	--	--	1	1
FRESNO	--	--	1	--	1
MADERA	--	--	1	1	2
TULARE	--	--	1	1	2
TUOLUMNE	--	--	--	2	2
TOTAL	--	--	3	5	8
SOUTHERN	--	--	--	--	--
ALL AREAS	3	3	6	41	52

^a 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, 1994

RESOURCE AREA AND COUNTY	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>					
NORTH COAST:					
HUMBOLDT	10	--	170	2,404	2,584
MENDOCINO	--	--	--	1512	1512
SONOMA	--	90	--	128	218
TOTAL	10	90	170	4,044	4,314
CENTRAL COAST:					
SANTA CRUZ	--	--	110	--	110
TOTAL	--	--	110	--	110
NORTH INTERIOR:					
LASSEN	--	--	--	316	316
SHASTA	--	53	--	1069	1122
SISKIYOU	--	--	--	282	282
TRINITY	--	--	--	429	429
TOTAL	--	53	--	2,096	2,149
SACRAMENTO:					
BUTTE	8	--	--	--	8
EL DORADO	--	--	--	478	478
NEVADA	3	--	--	--	3
PLACER	--	--	--	355	355
PLUMAS	--	--	--	421	421
SIERRA	--	--	--	178	178
TOTAL	11	--	--	1,432	1,443
SAN JOAQUIN:					
AMADOR	--	--	--	320	320
FRESNO	--	--	100	--	100
MADERA	--	--	100	120	220
TULARE	--	--	100	200	300
TUOLUMNE	--	--	--	375	375
TOTAL	--	--	300	1,015	1,315
SOUTHERN	--	--	--	--	--
ALL AREAS	21	143	580	8,587	9,331

^a 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, mill-size class, and type of headrig, California, 1994

RESOURCE AREA AND TYPE OF HEADRIG	BAND SAW	GANG SAW	OTHER SAW
NORTH COAST:			
D	1	--	--
C	2	--	--
B	2	1	--
A	16	3	2
TOTAL	21	4	2
CENTRAL COAST:			
D	--	--	--
C	--	--	--
B	1	--	--
A	--	--	--
TOTAL	1	--	--
NORTH INTERIOR:			
D	--	--	--
C	1	--	1
B	--	--	--
A	9	1	1
TOTAL	10	1	2
SACRAMENTO:			
D	--	1	2
C	--	--	--
B	--	--	--
A	6	1	--
TOTAL	6	2	2
SAN JOAQUIN:			
D	--	--	--
C	--	--	--
B	3	--	--
A	4	1	--
TOTAL	7	1	--
SOUTHERN			
	--	--	--
ALL AREAS:			
D	45	9	6
C			
B			
A			
TOTAL			

^a 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--Average number of operating days per year and average number of shifts per day by sawmills, by resource area and mill-size class, California, 1994

RESOURCE AREA	MILL-SIZE CLASS ^a			
	D	C	B	A
<u>AVERAGE DAYS PER YEAR</u>				
NORTH COAST	230	265	265	240
CENTRAL COAST	--	--	--	220
NORTH INTERIOR	--	220	--	232
SACRAMENTO	203	--	--	221
SAN JOAQUIN	--	--	101	236
SOUTHERN	--	--	--	--
<u>AVERAGE SHIFTS PER DAY</u>				
NORTH COAST	1.00	1.00	1.50	1.70
CENTRAL COAST	--	--	--	1.00
NORTH INTERIOR	--	2.00	--	--
SACRAMENTO	1.50	--	--	1.83
SAN JOAQUIN	--	--	1.33	1.60
SOUTHERN	--	--	--	--

^a 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 14--Wood consumption by sawmills, by resource area, mill-size class, and type of material, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	ROUNDWOOD	OTHER WOOD	ALL WOOD
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTH COAST: B, C AND D ^b	64,775	200	64,975
A	891,517	0	891,517
TOTAL	956,292	200	956,492
CENTRAL COAST ^c	--	--	--
NORTH INTERIOR: A AND C ^b	622,390	0	622,390
TOTAL	622,390	0	622,390
SACRAMENTO: A AND D ^b	350,165	0	350,165
TOTAL	350,165	0	350,165
SAN JOAQUIN: ^c			
B	59,276	0	59,276
A	240,213	0	240,213
TOTAL	299,489	0	299,489
SOUTHERN	--	--	--
ALL AREAS:			
D	--	--	--
C	--	--	--
B	124,051	200	124,251
A	2,104,285	--	2,104,285
TOTAL	2,228,336	200	2,228,536

^a 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.

^b Combined to avoid disclosure.

^c Central Coast and San Joaquin combined to avoid disclosure.

Table 15--Log consumption by sawmills, by resource area, mill-size class, and age group of timber, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	LOG DIAMETER CLASS (INCHES)			ALL GROUPS
	<10	11-20	21+	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>				
NORTH COAST: B, C AND D ^b	3,050	33,410	28,315	64,775
A	<u>177,692</u>	<u>393,598</u>	<u>320,227</u>	<u>891,517</u>
TOTAL	180,742	427,008	348,542	956,292
CENTRAL COAST ^c	--	--	--	--
NORTH INTERIOR: A AND C ^b	<u>113,513</u>	<u>322,455</u>	<u>186,422</u>	<u>622,390</u>
TOTAL	113,513	322,455	186,422	622,390
SACRAMENTO: A AND D ^b	<u>72,239</u>	<u>165,687</u>	<u>112,239</u>	<u>350,165</u>
TOTAL	72,239	165,687	112,239	350,165
SAN JOAQUIN ^c :				
B	16,583	24,910	17,783	59,276
A	<u>42,588</u>	<u>121,466</u>	<u>76,159</u>	<u>240,213</u>
TOTAL	59,171	146,376	93,942	299,489
SOUTHERN	--	--	--	--
ALL AREAS:				
D	--	--	--	--
C	--	--	--	--
B	19,633	58,320	46,098	124,051
A	<u>406,032</u>	<u>1,003,206</u>	<u>695,047</u>	<u>2,104,285</u>
TOTAL	425,665	1,061,526	741,145	2,228,336

^a 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.

^b Combined to avoid disclosure.

^c Central Coast and San Joaquin combined to avoid disclosure.

Table 16--Log consumption by sawmills, by resource area, county of use, and age group of timber, California, 1994

RESOURCE AREA AND COUNTY OF USE	DIAMETER CLASSES (INCHES)			ALL AGE GROUPS
	<10	11-20	21+	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>				
NORTH COAST:				
HUMBOLDT	114,764	276,137	300,877	691,778
MENDOCINO	62,618	131,251	36,445	230,314
SONOMA	3,360	19,620	11,220	34,200
TOTAL	180,742	427,008	348,542	956,292
CENTRAL COAST:				
SANTA CRUZ ^a	--	--	--	--
NORTH INTERIOR:				
LASSEN AND SHASTA ^b	86,430	194,902	168,228	449,560
MODOC, SISKIYOU, AND TRINITY ^b	27,083	127,553	18,194	172,830
TOTAL	113,513	322,455	186,422	622,390
SACRAMENTO:				
BUTTE, EL DORADO, AND PLACER ^b	37,536	67,619	36,074	141,229
NEVADA, PLUMAS, AND SIERRA ^b	34,703	98,068	76,165	208,936
TOTAL	72,239	165,687	112,239	350,165
SAN JOAQUIN:				
AMADOR, MADERA, AND TUOLUMNE ^b	41,622	100,603	66,804	209,029
FRESNO AND TULARE ^{a b}	17,548	45,774	27,138	90,460
TOTAL	59,170	146,377	93,942	299,489
SOUTHERN	--	--	--	--
ALL AREAS	425,664	1,061,527	741,145	2,228,336

^a Santa Cruz County combined with Fresno and Tulare Counties to avoid disclosure.

^b Combined to avoid disclosure.

Table 17--Log consumption by sawmills, by resource area, mill-size class, and owner, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	NATIVE AMERICAN	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY			
THOUSAND BOARD FEET, SCRIBNER LOG RULE									
NORTH COAST: B, C AND D ^b	12,000	--	--	18	13,224	12,298	27,228	6	64,774
A	25,866	32,709	--	--	566,552	54,664	206,850	4,877	891,518
TOTAL	37,866	32,709	--	18	579,776	66,962	234,078	4,883	956,292
CENTRAL COAST ^c	--	--	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^b	23,450	108,647	5,150	19,320	233,063	109,942	122,818	--	622,390
TOTAL	23,450	108,647	5,150	19,320	233,063	109,942	122,818	--	622,390
SACRAMENTO: A AND D ^b	1,786	124,833	--	--	89,888	86,039	47,619	--	350,165
TOTAL	1,786	124,833	--	--	89,888	86,039	47,619	--	350,165
SAN JOAQUIN ^c :									
B	--	40,441	--	--	2,108	--	16,728	--	59,277
A	350	60,361	650	--	106,621	--	72,230	--	240,212
TOTAL	350	100,802	650	--	108,729	--	88,958	--	299,489
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS:									
D	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--
B	12,000	40,441	--	18	15,333	12,298	43,956	6	124,052
A	51,452	326,551	5,800	19,320	996,124	250,645	449,517	4,877	2,104,286
TOTAL	63,452	366,991	5,800	19,338	1,011,456	262,943	493,473	4,884	2,228,336

^a 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.

^b Combined to avoid disclosure.

^c Central Coast and San Joaquin combined to avoid disclosure.

Table 18--Log consumption by sawmills, by resource area, county of use, and owner, California, 1994

RESOURCE AREA AND COUNTY OF USE	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	NATIVE AMERICAN	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY			
THOUSAND BOARD FEET, SCRIBNER LOG RULE									
NORTH COAST:									
HUMBOLDT	20,000	32,709	--	18	418,322	62,552	153,294	4,883	691,778
MENDOCINO	17,866	--	--	--	144,864	--	67,584	--	230,314
SONOMA	--	--	--	--	16,590	4,410	13,200	--	34,200
TOTAL	37,866	32,709	--	18	579,776	66,962	234,078	4,883	956,292
CENTRAL COAST:									
SANTA CRUZ ^a	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:									
LASSEN AND SHASTA ^b	23,450	61,301	4,550	4,320	187,630	101,950	66,359	--	449,560
MODOC, SISKIYOU TRINITY ^b	--	47,346	600	15,000	45,433	7,992	56,459	--	172,830
TOTAL	23,450	108,647	5,150	19,320	233,063	109,942	122,818	--	622,390
SACRAMENTO:									
BUTTE, EL DORADO, AND PLACER ^b	1,786	45,252	--	--	32,170	29,230	32,791	--	141,229
NEVADA, PLUMAS SIERRA ^b	--	79,581	--	--	57,718	56,809	14,828	--	208,936
TOTAL	1,786	124,833	--	--	89,888	86,039	47,619	--	350,165
SAN JOAQUIN:									
AMADOR, MADERA, AND TUOLUMNE ^b	--	54,668	650	--	106,621	--	47,089	--	209,028
FRESNO AND TULARE ^{a b}	350	46,134	--	--	2,108	--	41,869	--	90,461
TOTAL	350	100,802	650	--	108,729	--	88,958	--	299,489
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	63,452	366,991	5,800	19,338	1,011,456	262,943	493,473	4,883	2,228,336

^aSanta Cruz County combined with Fresno and Tulare counties to avoid disclosure.^bCombined to avoid disclosure.

Table 19--Dependency (percent) of sawmills on timber by resource area, mill-size class, and owner, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	NATIONAL FOREST				STATE				BUREAU OF 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	1	--	--	--	1	--	--	--	1	--	--	--	--	1	--	--
C	2	--	--	--	2	--	--	--	2	--	--	--	2	--	--	--
B	2	--	--	--	1	1	--	--	2	--	--	--	2	--	--	--
A	17	3	--	--	16	4	--	--	20	--	--	--	20	--	--	--
TOTAL	22	3	--	--	20	5	--	--	25	--	--	--	24	1	--	--
CENTRAL COAST:																
B	1	--	--	--	1	--	--	--	1	--	--	--	1	--	--	--
TOTAL	1	--	--	--	1	--	--	--	1	--	--	--	1	--	--	--
NORTH INTERIOR:																
C	--	1	--	--	1	--	--	--	1	--	--	--	1	--	--	--
A	--	9	--	1	7	3	--	--	7	3	--	--	7	2	1	--
TOTAL	--	10	--	1	8	3	--	--	8	3	--	--	8	2	1	--
SACRAMENTO:																
D	1	1	--	--	2	--	--	--	2	--	--	--	2	--	--	--
A	--	4	2	--	5	1	--	--	6	--	--	--	6	--	--	--
TOTAL	1	5	2	--	7	1	--	--	8	--	--	--	8	--	--	--
SAN JOAQUIN:																
B	--	--	--	3	3	--	--	--	3	--	--	--	3	--	--	--
A	--	2	2	1	4	1	--	--	4	1	--	--	5	--	--	--
TOTAL	--	2	2	4	7	1	--	--	7	1	--	--	8	--	--	--
SOUTHERN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS:																
D	2	1	--	--	3	--	--	--	3	--	--	--	2	1	--	--
C	2	1	--	--	3	--	--	--	3	--	--	--	3	--	--	--
B	3	--	--	3	5	1	--	--	6	--	--	--	6	--	--	--
A	17	18	4	2	32	9	--	--	37	4	--	--	38	2	1	--
TOTAL	24	20	4	5	43	10	--	--	49	4	--	--	49	2	1	--

See footnote at end of table.

Table 19 Dependency (percent) of sawmills on timber by resource area, mill-size class, and owner, California, 1994 (continued)

FOREST INDUSTRY																
RESOURCE AREA AND MILL-SIZE CLASS ^a	OWN WOOD SUPPLY				OTHER WOOD SUPPLY				OTHER PRIVATE				NATIVE AMERICAN			
	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	1	--	--	--	--	--	--	1	--	1	--	--	--	1	--	--
C	2	--	--	--	2	--	--	--	--	--	--	2	2	--	--	--
B	--	1	--	1	1	1	--	--	1	--	1	--	2	--	--	--
A	2	4	3	11	14	5	1	--	5	9	3	3	19	--	--	1
TOTAL	5	5	3	12	17	6	1	1	6	10	4	5	23	1	--	1
CENTRAL COAST:																
B	1	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--
TOTAL	1	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--
NORTH INTERIOR:																
C	1	--	--	--	1	--	--	--	--	--	--	1	1	--	--	--
A	2	3	5	--	4	4	2	--	2	6	1	1	10	--	--	--
TOTAL	3	3	5	--	5	4	2	--	2	6	1	1	11	--	--	--
SACRAMENTO:																
D	1	--	1	--	1	--	1	--	1	--	--	1	2	--	--	--
A	1	3	2	--	2	2	2	--	2	2	2	--	6	--	--	--
TOTAL	2	3	3	--	3	2	3	--	3	2	2	1	8	--	--	--
SAN JOAQUIN:																
B	2	1	--	--	3	--	--	--	--	3	--	--	3	--	--	--
A	2	--	3	--	5	--	--	--	--	3	1	1	5	--	--	--
TOTAL	4	1	3	--	8	--	--	--	--	6	1	1	8	--	--	--
SOUTHERN																
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS:																
D	2	--	1	--	1	--	1	1	1	1	--	1	2	1	--	--
C	3	--	--	--	3	--	--	--	--	--	--	3	3	--	--	--
B	3	2	--	1	5	1	--	--	1	3	1	1	5	1	--	--
A	7	10	13	11	25	11	5	--	9	20	7	5	40	--	--	1
TOTAL	15	12	14	12	34	12	6	1	11	24	8	10	50	2	--	1

^a 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 20-Log consumption by sawmills, by resource area, mill-size class, and species, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PINE	PONDEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST: B, C AND D ^b	6,894	53,863	--	3,200	--	--	811	7	--	64,775
A	397,301	456,837	22,130	697	2,440	--	420	11,692	--	891,517
TOTAL	404,195	510,700	22,130	3,897	2,440	--	1,231	11,699	--	956,292
CENTRAL COAST ^c	--	--	--	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^b	136,216	--	245,387	41,958	168,369	--	24,060	6,400	--	622,390
TOTAL	136,216	--	245,387	41,958	168,369	--	24,060	6,400	--	622,390
SACRAMENTO: A AND D ^b	34,593	--	154,770	44,920	93,266	--	22,616	--	--	350,165
TOTAL	34,593	--	154,770	44,920	93,266	--	22,616	--	--	350,165
SAN JOAQUIN ^c :										
B	3,551	14,773	20,579	6,443	13,930	--	--	--	--	59,276
A	13,508	--	76,258	39,486	97,117	650	9,049	4,145	--	240,213
TOTAL	17,059	14,773	96,837	45,929	111,047	650	9,049	--	--	299,489
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS:										
D	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--
B	10,445	68,636	20,579	9,643	13,930	--	811	7	--	171,454
A	581,618	456,837	498,545	127,061	361,192	650	56,145	22,237	--	2,100,132
TOTAL	592,063	525,473	519,124	136,704	375,122	650	56,956	22,244	--	2,228,336

^a 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.

^b Combined to avoid disclosure.

^c Central Coast and San Joaquin combined to avoid disclosure.

Table 21--Log consumption by sawmills, by resource area, county of use, and species, California, 1994

RESOURCE AREA AND COUNTY OF USE	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PINE	PONDEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST:										
HUMBOLDT	280,518	373,078	19,485	3,897	2,440	--	811	11,549	--	691,778
MENDOCINO	116,783	110,315	2,645	--	--	--	420	150	--	230,314
SONOMA	6,894	27,306	--	--	--	--	--	--	--	34,200
TOTAL	404,195	510,799	22,130	3,897	2,440	--	1,231	11,699	--	956,292
CENTRAL COAST:										
SANTA CRUZ ^a	--	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:										
LASSEN AND SHASTA ^b	53,790	--	209,202	27,958	134,550	--	24,060	--	--	449,560
MODOC, SISKIYOU AND TRINITY ^b	82,426	--	36,185	14,000	33,819	--	--	6,400	--	172,830
TOTAL	136,216	--	245,387	41,958	168,369	--	24,060	6,400	--	622,390
SACRAMENTO:										
BUTTE, EL DORADO, AND PLACER ^b	15,646	--	43,830	15,145	51,091	--	15,516	--	--	141,229
NEVADA, PLUMAS, AND SIERRA ^b	18,947	--	110,940	29,775	42,175	--	7,100	--	--	208,936
TOTAL	34,593	--	154,770	44,920	93,266	--	22,616	--	--	350,165
SAN JOAQUIN:										
AMADOR, MADERA, AND TUOLUMNE ^b	13,508	--	63,216	33,344	89,661	650	8,000	650	--	209,029
FRESNO AND TULARE ^{a,b}	3,551	14,773	33,621	12,584	21,387	--	1,049	3,496	--	90,461
TOTAL	17,059	14,773	96,837	45,928	111,048	650	9,049	4,146	--	299,490
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS	592,063	525,472	519,124	136,703	375,123	650	56,956	22,245	--	2,228,336

^a Santa Cruz County combined with Fresno and Tulare to avoid disclosure.^b Combined to avoid disclosure.

Table 22--Production and disposition of wood and bark residue by sawmills, by resource area and mill-size class, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^b	UNUSED	TOTAL	USED ^b	UNUSED	TOTAL	USED ^b	UNUSED	TOTAL
<u>TONS, DRY WEIGHT</u>									
NORTH COAST: B, C AND D ^c	130,428	--	130,428	35,935	--	35,935	166,363	--	166,363
A	1,531,707	--	1,531,707	414,638	8,430	423,068	1,946,345	8,430	1,954,775
TOTAL	1,662,135	--	1,662,135	450,573	8,430	459,003	2,112,708	8,430	2,121,138
CENTRAL COAST ^d	--	--	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^c	963,578	--	963,578	267,066	--	267,066	1,230,644	--	1,230,644
TOTAL	963,578	--	963,578	267,066	--	267,066	1,230,644	--	1,230,644
SACRAMENTO: A AND D ^c	512,724	--	512,724	142,076	--	142,076	654,800	--	654,800
TOTAL	512,724	--	512,724	142,076	--	142,076	654,800	--	654,800
SAN JOAQUIN: B	95,059	--	95,059	26,302	--	26,302	121,361	--	121,361
A	322,558	--	322,558	89,398	--	89,398	411,956	--	411,956
TOTAL	417,617	--	417,617	115,700	--	115,700	533,317	--	533,317
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS: D	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--
B	225,487	--	225,487	62,237	--	62,237	287,724	--	287,724
A	3,330,567	--	3,330,567	913,178	8,430	921,608	4,243,745	8,430	4,252,175
TOTAL	3,556,054	--	3,556,054	975,415	8,430	983,845	4,531,469	8,430	4,539,899

^a 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.

^b Residues are not necessarily used in the area in which they are produced.

^c Combined to avoid disclosure.

^d Central Coast and San Joaquin combined to avoid disclosure.

Table 23--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	COARSE ^c						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST: B, C AND D ^d	70,850	11,570	--	389	82,809	--	82,809
A	661,892	46,560	167,988	32,329	908,769	--	908,769
TOTAL	732,742	58,130	167,988	32,718	991,578	--	991,578
CENTRAL COAST ^e	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^d	370,240	--	146,021	--	516,261	--	516,261
TOTAL	370,240	--	146,021	--	516,261	--	516,261
SACRAMENTO: A AND D ^d	122,425	2,752	151,056	323	276,556	--	276,556
TOTAL	122,425	2,752	151,056	323	276,556	--	276,556
SAN JOAQUIN ^e :							
B	35,358	--	4,253	14,055	53,666	--	53,666
A	74,024	24,929	66,089	7,939	172,981	--	172,981
TOTAL	109,382	24,929	70,342	21,994	226,647	--	226,647
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--
B	106,208	11,570	4,253	14,444	136,475	--	136,475
A	1,228,581	74,241	531,154	40,591	1,874,567	--	1,874,567
TOTAL	1,334,789	85,811	535,407	55,035	2,011,042	--	2,011,042

See footnotes at end of table.

Table 23--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1994 (continued)

RESOURCE AREA AND MILL-SIZE CLASS ^a	SAWDUST						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST: B, C AND D ^d	--	3,932	18,346	5,862	28,140	--	28,140
A	41,445	103,964	209,774	9,450	364,633	--	364,633
TOTAL	41,445	107,896	228,120	15,312	392,773	--	392,773
CENTRAL COAST ^e	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^d	--	75,516	183,599	--	259,115	--	259,115
TOTAL	--	75,516	183,599	--	259,115	--	259,115
SACRAMENTO: A AND D ^d	--	8,584	128,186	113	136,883	--	136,883
TOTAL	--	8,584	128,186	113	136,883	--	136,883
SAN JOAQUIN ^e :							
B	--	--	9,771	14,325	24,096	--	24,096
A	--	4,023	79,314	3,316	86,653	--	86,653
TOTAL	--	4,023	89,085	17,641	110,749	--	110,749
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--
B	--	3,932	28,117	20,187	52,236	--	52,236
A	41,445	192,087	600,873	12,879	847,284	--	847,284
TOTAL	41,445	196,019	628,990	33,066	899,520	--	899,520

See footnotes at end of table.

Table 23--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1994 (continued)

RESOURCE AREA AND MILL-SIZE CLASS ^a	SHAVINGS						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST: B, C AND D ^d	--	2,691	12,634	4,154	19,479	--	19,479
A	42,286	91,352	111,687	12,980	258,305	--	258,305
TOTAL	42,286	94,043	124,321	17,134	277,784	--	277,784
CENTRAL COAST ^e	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^d	30,219	73,296	84,687	--	188,202	--	188,202
TOTAL	30,219	73,296	84,687	--	188,202	--	188,202
SACRAMENTO: A AND D ^d	--	32,338	48,404	18,543	99,285	--	99,285
TOTAL	--	32,338	48,404	18,543	99,285	--	99,285
SAN JOAQUIN ^e :							
B	--	--	--	17,298	17,298	--	17,298
A	--	30,480	2,588	29,857	62,925	--	62,925
TOTAL	--	30,480	2,588	47,155	80,223	--	80,223
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--
B	--	2,691	12,634	21,452	36,777	--	36,777
A	72,505	227,466	247,366	61,380	608,717	--	608,717
TOTAL	72,505	230,157	260,000	82,832	645,494	--	645,494

See footnotes at end of table.

Table 23--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1994 (continued)

ALL TYPES OF WOOD RESIDUE							
RESOURCE AREA AND MILL-SIZE CLASS ^a	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	TONS, DRY WEIGHT						
NORTH COAST: B, C AND D ^d	70,850	18,193	30,980	10,405	130,428	--	130,428
A	745,623	241,876	489,449	54,759	1,531,707	--	1,531,707
TOTAL	816,473	260,069	520,429	65,164	1,662,135	--	1,662,135
CENTRAL COAST ^e	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^d	400,459	148,812	414,307	--	963,578	--	963,578
TOTAL	400,459	148,812	414,307	--	963,578	--	963,578
SACRAMENTO: A AND D ^d	122,425	43,674	327,646	18,979	512,724	--	512,724
TOTAL	122,425	43,674	327,646	18,979	512,724	--	512,724
SAN JOAQUIN ^e :							
B	35,358	--	14,024	45,678	95,060	--	95,060
A	74,024	59,432	147,991	41,112	322,559	--	322,559
TOTAL	109,382	59,432	162,015	86,790	417,619	--	417,619
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--
B	106,208	18,193	45,004	56,083	225,488	--	225,488
A	1,342,531	493,794	1,379,393	114,850	3,330,568	--	3,330,568
TOTAL	1,448,739	511,987	1,424,397	170,933	3,556,056	--	3,556,056

^a 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.

^b Residues are not necessarily used in the area in which they are produced.

^c Includes slabs, edgings, trim, and spur ends.

^d Combined to avoid disclosure.

^e Central Coast and San Joaquin combined to avoid disclosure.

Table 24--Production and disposition of bark residue by sawmills, by resource area, mill-size class, and use, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	USED ^b					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTH COAST: B, C AND D ^c	--	--	29,147	6,788	35,935	--	35,935
A	14,652	--	374,356	25,630	414,638	8,430	423,068
TOTAL	14,652	--	403,503	32,418	450,573	8,430	459,003
CENTRAL COAST ^d	--	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^c	--	--	255,452	11,613	267,065	--	267,065
TOTAL	--	--	255,452	11,613	267,065	--	267,065
SACRAMENTO: A AND D ^c	--	--	128,732	13,344	142,076	--	142,076
TOTAL	--	--	128,732	13,344	142,076	--	142,076
SAN JOAQUIN ^c :							
B	--	--	--	26,301	26,301	--	26,301
A	--	--	15,437	73,961	89,398	--	89,398
TOTAL	--	--	15,437	100,262	115,699	--	115,699
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--
B	--	--	29,147	33,089	62,236	--	62,236
A	14,652	--	773,977	124,548	913,177	8,430	921,607
TOTAL	14,652	--	803,124	157,637	975,413	8,430	983,843

^a 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.

^b Residues are not necessarily used in the area in which they are produced.

^c Combined to avoid disclosure.

^d Central Coast and San Joaquin combined to avoid disclosure.

Table 25--Production and disposition of wood and bark residue by sawmills, by resource area and county, California, 1994

RESOURCE AREA AND COUNTY	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL
TONS, DRY WEIGHT									
NORTH COAST:									
HUMBOLDT	1,169,480	--	1,169,480	322,941	--	322,941	1,492,421	--	1,492,421
MENDOCINO	422,899	--	422,899	108,409	8,430	116,839	531,308	8,430	539,738
SONOMA	69,756	--	69,756	19,223	--	19,223	88,979	--	88,979
TOTAL	1,662,135	--	1,662,135	450,573	8,430	459,003	2,112,708	8,430	2,121,138
CENTRAL COAST:									
SANTA CRUZ ^b	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:									
LASSEN AND SHASTA ^c	691,211	--	691,211	191,555	--	191,555	882,766	--	882,766
MODOC, SISKIYOU AND TRINITY ^c	272,367	--	272,367	75,510	--	75,510	347,877	--	347,877
TOTAL	963,578	--	963,578	267,065	--	267,065	1,230,643	--	1,230,643
SACRAMENTO:									
BUTTE, EL DORADO, AND PLACER ^c	206,834	--	206,834	57,293	--	57,293	264,127	--	264,127
NEVADA, PLUMAS, AND SIERRA ^c	305,890	--	305,890	84,783	--	84,783	390,673	--	390,673
TOTAL	512,724	--	512,724	142,076	--	142,076	654,800	--	654,800
SAN JOAQUIN:									
AMADOR, MADERA, AND TUOLUMNE ^c	275,854	--	275,854	76,453	--	76,453	352,307	--	352,307
FRESNO AND TULARE ^{b,c}	141,763	--	141,763	39,246	--	39,246	181,009	--	181,009
TOTAL	417,617	--	417,617	115,699	--	115,699	533,316	--	533,316
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	3,556,054	--	3,556,054	975,413	8,430	983,843	4,531,467	8,430	4,539,897

^a Residues are not necessarily used in the area or county in which they are produced.

^b Santa Cruz County combined with Fresno and Tulare Counties to avoid disclosure.

^c Combined to avoid disclosure.

Sawmill Industries

Table 26--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1994

RESOURCE AREA AND COUNTY	COARSE ^a					UNUSED	TOTAL
	USED ^b						
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	TONS, DRY WEIGHT						
NORTH COAST:							
HUMBOLDT	555,547	7,456	135,144	389	698,536	--	698,536
MENDOCINO	167,140	46,560	32844	2,467	249,011	--	249,011
SONOMA	10,056	4,114	--	29,862	44,032	--	44,032
TOTAL	732,743	58,130	167,988	32,718	991,579	--	991,579
CENTRAL COAST:							
SANTA CRUZ ^c	--	--	--	--	--	--	--
NORTH INTERIOR:							
LASSEN AND SHASTA ^d	269,804	--	101,795	--	371,599	--	371,599
MODOC, SISKIYOU AND TRINITY ^d	100,436	--	44,226	--	144,662	--	144,662
TOTAL	370,240	--	146,021	--	516,261	--	516,261
SACRAMENTO:							
BUTTE, EL DORADO, AND PLACER ^d	82,845	2,752	27,247	--	112,844	--	112,844
NEVADA, PLUMAS, AND SIERRA ^d	39,580	--	123,809	323	163,712	--	163,712
TOTAL	122,425	2,752	151,056	323	276,556	--	276,556
SAN JOAQUIN:							
AMADOR, MADERA, AND TUOLUMNE ^d	74,024	24,929	41,082	7,939	147,974	--	147,974
FRESNO AND TULARE ^{c,d}	35,358	--	29,260	14,055	78,673	--	78,673
TOTAL	109,382	24,929	70,342	21,994	226,647	--	226,647
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	1,334,790	85,811	535,407	55,035	2,011,043	--	2,011,043

See footnotes at end of table.

Table 26--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1994 (continued)

RESOURCE AREA AND COUNTY	SHAVINGS						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST:							
HUMBOLDT	42,286	72,632	80,047	85	195,050	--	195,050
MENDOCINO	--	21,411	44,274	6,512	72,197	--	72,197
SONOMA	--	--	--	10,537	10,537	--	10,537
TOTAL	42,286	94,043	124,321	17,134	277,784	--	277,784
CENTRAL COAST:							
SANTA CRUZ ^c	--	--	--	--	--	--	--
NORTH INTERIOR:							
LASSEN AND SHASTA ^d	30,219	35,954	68,244	--	134,417	--	134,417
MODOC, SISKIYOU, AND TRINITY ^d	--	37,341	16,443	--	53,784	--	53,784
TOTAL	30,219	73,295	84,687	--	188,201	--	188,201
SACRAMENTO:							
BUTTE, EL DORADO, AND PLACER ^d	--	19,094	1,907	18,456	39,457	--	39,457
NEVADA, PLUMAS, AND SIERRA ^d	--	13,244	46,497	87	59,828	--	59,828
TOTAL	--	32,338	48,404	18,543	99,285	--	99,285
SAN JOAQUIN:							
AMADOR, MADERA, AND TUOLUMNE ^d	--	30,481	2,588	20,728	53,797	--	53,797
FRESNO AND TULARE ^{c d}	--	--	--	26,427	26,427	--	26,427
TOTAL	--	30,481	2,588	47,155	80,224	--	80,224
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	72,505	230,157	260,000	82,832	645,494	--	645,494

See footnotes at end of table.

Sawmill Industries

Table 26--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1994 (continued)

RESOURCE AREA AND COUNTY	SAWDUST						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS. DRY WEIGHT							
NORTH COAST:							
HUMBOLDT	41,445	77,706	156,618	124	275,893	--	275,893
MENDOCINO	--	30,190	71,501	--	101,691	--	101,691
SONOMA	--	--	--	15,188	15,188	--	15,188
TOTAL	41,445	107,896	228,119	15,312	392,772	--	392,772
CENTRAL COAST:							
SANTA CRUZ ^c	--	--	--	--	--	--	--
NORTH INTERIOR:							
LASSEN AND SHASTA ^d	--	40,537	144,658	--	185,195	--	185,195
MODOC, SISKIYOU, AND TRINITY ^d	--	34,979	38,941	--	73,920	--	73,920
TOTAL	--	75,516	183,599	--	259,115	--	259,115
SACRAMENTO:							
BUTTE, EL DORADO, AND PLACER ^d	--	8,584	45,835	113	54,532	--	54,532
NEVADA, PLUMAS, AND SIERRA ^d	--	--	82,352	--	82,352	--	82,352
TOTAL	--	8,584	128,187	113	136,884	--	136,884
SAN JOAQUIN:							
AMADOR, MADERA, AND TUOLUMNE ^d	--	4,023	65,976	4,086	74,085	--	74,085
FRESNO AND TULARE ^{c,d}	--	--	23,109	13,554	36,663	--	36,663
TOTAL	--	4,023	89,085	17,640	110,748	--	110,748
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	41,445	196,019	628,990	33,065	899,519	--	899,519

See footnotes at end of table.

Table 26--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1994 (continued)

RESOURCE AREA AND COUNTY	ALL TYPES OF WOOD RESIDUE						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTH COAST:							
HUMBOLDT	639,278	157,794	371,809	598	1,169,479	--	1,169,479
MENDOCINO	167,140	98,161	148,619	8,979	422,899	--	422,899
SONOMA	10,056	4,114	--	55,587	69,757	--	69,757
TOTAL	816,474	260,069	520,428	65,164	1,662,135	--	1,662,135
CENTRAL COAST:							
SANTA CRUZ ^c	--	--	--	--	--	--	--
NORTH INTERIOR:							
LASSEN AND SHASTA ^d	300,023	76,491	314,697	--	691,211	--	691,211
MODOC, SISKIYOU, AND TRINITY ^d	100,436	72,320	99,610	--	272,366	--	272,366
TOTAL	400,459	148,811	414,307	--	963,577	--	963,577
SACRAMENTO:							
BUTTE, EL DORADO, AND PLACER ^d	82,845	30,430	74,989	18,569	206,833	--	206,833
NEVADA, PLUMAS, AND SIERRA ^d	39,580	13,244	252,658	410	305,892	--	305,892
TOTAL	122,425	43,674	327,647	18,979	512,725	--	512,725
SAN JOAQUIN:							
AMADOR, MADERA, AND TUOLUMNE ^d	74,024	59,433	109,646	32,753	275,856	--	275,856
FRESNO AND TULARE ^{c,d}	35,358	--	52,369	54,036	141,763	--	141,763
TOTAL	109,382	59,433	162,015	86,789	417,619	--	417,619
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	1,448,740	511,987	1,424,397	170,932	3,556,056	--	3,556,056

^a Coarse residue includes slabs, edgings, trim, and spur ends.

^b Residues are not necessarily used in the area or county in which they are produced.

^c Santa Cruz County combined with Fresno and Tulare Counties to avoid disclosure.

^d Combined to avoid disclosure.

Table 27--Production and disposition of bark residue by sawmills, by resource area, county, and use, California, 1994

RESOURCE AREA AND COUNTY	USED ^a					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTH COAST:							
HUMBOLDT	14,652	--	298,669	9,621	322,942	--	322,942
MENDOCINO	--	--	104,835	3,574	108,409	8,430	116,839
SONOMA	--	--	--	19,223	19,223	--	19,223
TOTAL	14,652	--	403,504	32,418	450,574	8,430	459,004
CENTRAL COAST:							
SANTA CRUZ ^b	--	--	--	--	--	--	--
NORTH INTERIOR:							
LASSEN AND SHASTA ^c	--	--	191,555	--	191,555	--	191,555
MODOC, SISKIYOU AND TRINITY ^c	--	--	63,897	11,613	75,510	--	75,510
TOTAL	--	--	255,452	11,613	267,065	--	267,065
SACRAMENTO:							
BUTTE, EL DORADO, AND PLACER ^c	--	--	44,096	13,197	57,293	--	57,293
NEVADA, PLUMAS, AND SIERRA ^c	--	--	84,636	147	84,783	--	84,783
TOTAL	--	--	128,732	13,344	142,076	--	142,076
SAN JOAQUIN:							
AMADOR, MADERA, AND TUOLUMNE ^c	--	--	15,437	61,016	76,453	--	76,453
FRESNO AND TULARE ^{b c}	--	--	--	39,246	39,246	--	39,246
TOTAL	--	--	15,437	100,262	115,699	--	115,699
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	--	--	771,830	144,543	916,373	10,010	926,383

^a Residues are not necessarily used in the area or county in which they are produced.

^b Santa Cruz County combined with Fresno and Tulare Counties to avoid disclosure.

^c Combined to avoid disclosure.

Table 28--Lumber production by sawmills, by resource area, mill-size class, and degree of manufacture, California, 1994

RESOURCE AREA AND MILL-SIZE CLASS ^a	GREEN	KILN-DRIED	AIR-DRIED	TOTAL ^b	ROUGH	SURFACED
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>						
NORTH COAST: B, C AND D ^c	64,684	56,011	--	120,695	56,016	64,679
A	958,139	396,450	91,907	1,446,496	849,079	597,417
TOTAL	1,022,823	452,461	91,907	1,567,191	905,095	662,096
CENTRAL COAST ^d	--	--	--	--	--	--
NORTH INTERIOR: A AND C ^c	242,945	682,743	9,600	935,288	835,688	99,600
TOTAL	242,945	682,743	9,600	935,288	835,688	99,600
SACRAMENTO: A AND D ^c	49,742	437,895	9,189	496,826	420,358	76,468
TOTAL	49,742	437,895	9,189	496,826	420,358	76,468
SAN JOAQUIN ^d :						
B	41,597	44,261	5,162	91,020	74,069	16,951
A	55,863	240,330	16,821	313,014	277,323	35,691
TOTAL	97,460	284,591	21,983	404,034	351,392	52,642
SOUTHERN	--	--	--	--	--	--
ALL AREAS:						
D	--	--	--	--	--	--
C	--	--	--	--	--	--
B	106,281	100,272	5,162	211,715	130,085	81,630
A	1,306,689	1,757,418	127,517	3,191,624	2,382,448	809,176
TOTAL	1,412,970	1,857,690	132,679	3,403,339	2,512,533	890,806

^a 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.

^b Total of "Green," "Kiln-dried," and "Air-dried"; also, total of "Rough" and "Surfaced."

^c Combined to avoid disclosure.

^d Central Coast and San Joaquin combined to avoid disclosure.

Table 29--Lumber production by sawmills, by resource area, county, and type of headrig, California, 1994

RESOURCE AREA AND COUNTY	BAND SAW	GANG SAW	OTHER SAW	ALL TYPES
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>				
NORTH COAST:				
HUMBOLDT	731,525	210,760	160,000	1,102,285
MENDOCINO	181,248	57,173	161,818	400,239
SONOMA	64,668	--	--	64,668
TOTAL	977,441	267,933	321,818	1,567,192
CENTRAL COAST:				
SANTA CRUZ ^a	--	--	--	--
NORTH INTERIOR:				
LASSEN AND SHASTA ^b	505,604	4,800	159,936	670,340
SISKIYOU AND TRINITY ^b	264,948	--	--	264,948
TOTAL	770,552	4,800	159,936	935,288
SACRAMENTO:				
BUTTE, EL DORADO, AND PLACER ^b	191,468	7,867	500	199,835
NEVADA, PLUMAS, AND SIERRA ^b	296,490	25	475	296,990
TOTAL	487,958	7,892	975	496,825
SAN JOAQUIN:				
AMADOR, MADERA, AND TUOLUMNE ^b	212,674	55,000	--	267,674
FRESNO AND TULARE ^{a,b}	126,359	10,000	--	136,359
TOTAL	339,033	65,000	--	404,033
SOUTHERN	--	--	--	--
ALL AREAS	2,574,984	345,625	482,729	3,403,338

^a Santa Cruz County combined with Fresno and Tulare Counties to avoid disclosure.

^b Combined to avoid disclosure.

Table 30--Number of pulpmills and board mills by resource area, county, and type of operation, California, 1994

RESOURCE AREA AND COUNTY	PULPMILL				BOARD MILL			ALL MILLS
	SULFITE	SULFATE	GROUNDWOOD	SEMICHEMICAL	HARDBOARD	PARTICLE BOARD	INSULATION BOARD	
NORTH COAST:								
DEL NORTE	--	--	--	--	--	1	--	1
HUMBOLDT	--	1	--	--	--	1	--	2
MENDOCINO	--	--	--	--	1	--	--	1
TOTAL	--	1	--	--	1	2	--	4
CENTRAL COAST:	--	--	--	--	--	--	--	--
NORTH INTERIOR:	--	--	--	--	--	--	--	--
SACRAMENTO:								
BUTTE	--	--	--	--	2	--	--	2
PLACER	--	--	--	--	--	1	--	1
TOTAL	--	--	--	--	2	1	--	3
SAN JOAQUIN:								
AMADOR	--	--	--	--	--	1	--	1
TOTAL	--	--	--	--	--	1	--	1
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	--	1	--	--	3	4	--	8

Table 31--Installed capacity of pulpmills and board mills by resource area, county, and type of operation, California, 1994

RESOURCE AREA AND COUNTRY	PULPMILL				BOARD MILL		
	SULFITE	SULFATE	GROUNDWOOD	SEMICHEMICAL	HARDBOARD	PARTICLE BOARD	INSULATION BOARD
	<u>24-HOUR CAPACITY (TONS)</u>				<u>ANNUAL CAPACITY (MILLION SQUARE FEET)</u>		
					<u>1/8-INCH BASIS</u>	<u>3/4-INCH BASIS</u>	<u>1/2-INCH BASIS</u>
NORTH COAST:							
DEL NORTE	--	--	--	--	--	34	--
HUMBOLDT	--	650	--	--	--	106	--
MENDOCINO	--	--	--	--	492	--	--
TOTAL	--	650	--	--	492	140	--
CENTRAL COAST:	--	--	--	--	--	--	--
NORTH INTERIOR:	--	--	--	--	--	--	--
SACRAMENTO:							
BUTTE	--	--	--	--	262	--	--
PLACER	--	--	--	--	--	90	--
TOTAL	--	--	--	--	262	90	--
SAN JOAQUIN:							
AMADOR	--	--	--	--	--	150	--
TOTAL	--	--	--	--	--	150	--
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	--	650	--	--	754	380	--

**Table 32--Average number of operating days per year of
pulp mills and board mills by resource area, California, 1994**

RESOURCE AREA	PULPMILL	BOARD MILL
NORTH COAST	245	357
CENTRAL COAST	--	--
NORTH INTERIOR	--	--
SACRAMENTO	--	349
SAN JOAQUIN	--	287
SOUTHERN	--	--

Table 33--Wood consumption by pulpmills and board mills, by resource area and type of material, California, 1994

RESOURCE AREA	ROUNDWOOD			OTHER WOOD					
	SOUND LOGS	UTILITY LOGS	TOTAL	CHIPS		SAWDUST	SHAVINGS	BARK	TOTAL
				FROM MILL RESIDUE	FROM ROUNDWOOD CHIPPING MILL				
- - - THOUSAND BOARD FEET, - - - - - - TONS, DRY WEIGHT - - - SCRIBNER LOG RULE									
NORTH COAST	--	--	--	432,158	18,198	176,328	102,417	12,000	741,101
SACRAMENTO AND SAN JOAQUIN ^a	--	--	--	104,367	10,954	6,002	269,815	--	391,138
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	--	--	--	536,525	29,152	182,330	372,232	12,000	1,132,239

^a Combined to avoid disclosure.

Table 34--Pulpmill and board mill consumption of mill residue and chips from other sources, by resource area, type of material, and State of origin, California, 1994

RESOURCE AREA AND TYPE OF MATERIAL	CALIFORNIA	OREGON	OTHER	UNKNOWN	TOTAL
<u>TONS, DRY WEIGHT</u>					
NORTH COAST:					
CHIPS, OTHER RESOURCES	--	--	--	--	--
SAWDUST AND SHAVINGS	238,959	37,749	2,037	--	278,745
TOTAL	238,959	37,749	2,037	--	278,745
SACRAMENTO, AND SAN JOAQUIN: ^a					
CHIPS, OTHER RESOURCES	--	--	--	10,954	10,954
SAWDUST AND SHAVINGS	1,083,959	--	1,858	--	1,085,817
TOTAL	1,083,959	--	1,858	10,954	1,096,771
ALL AREAS:					
CHIPS, OTHER RESOURCES	--	--	--	--	10,954
SAWDUST AND SHAVINGS	1,322,918	37,749	3,895	10,954	1,364,562
TOTAL	1,322,918	37,749	3,895	10,954	1,375,516

^a Combined to avoid disclosure.

Table 35--Number of "other industry" mills by resource area, county, and type of industry, California, 1994

RESOURCE AREA AND COUNTY	VENEER MILL	SHAKE AND SHINGLE	EXPORT	POST, POLE, AND PILING	ALL TYPES
NORTH COAST:					
HUMBOLDT	--	1	1	--	2
TOTAL	--	1	1	--	2
CENTRAL COAST	--	--	--	--	--
NORTH INTERIOR	3	--	--	--	3
TOTAL	3	--	--	--	3
SACRAMENTO:					
BUTTE	--	--	--	--	--
	--	--	--	1	1
TOTAL	--	--	--	1	1
SAN JOAQUIN:					
KERN	--	--	--	1	1
STANISLAUS	--	--	--	1	1
TUOLUMNE	1	--	--	--	1
TOTAL	1	--	--	2	3
SOUTHERN:					
LOS ANGELES	--	--	--	--	--
RIVERSIDE	--	--	--	1	1
	--	--	--	1	1
TOTAL	--	--	--	2	2
ALL AREAS	4	1	1	5	11

Table 36--Average number of operating days per year of "other industry" mills by resource area and type of industry, California, 1994

RESOURCE AREA	VENEER MILL	SHAKE AND SHINGLE	POST, POLE, AND PILING
NORTH COAST	--	230	--
CENTRAL COAST	--	--	--
NORTH INTERIOR	258	--	--
SACRAMENTO	--	--	342
SAN JOAQUIN	240	--	150
SOUTHERN	--	--	268

Table 37--Number of veneer mills by resource area and diameter of core produced, California, 1994

RESOURCE AREAS	DIAMETER OF CORES (INCHES)			
	3	4	5	6
ALL AREAS	1	1	1	1

Table 38--Wood consumption by "other industry" mills, by type of industry and type of material, California, 1994

TYPE OF INDUSTRY	ROUNDWOOD	OTHER WOOD	ALL WOOD
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
VENEER	124,538	--	124,538
SHAKE AND SHINGLE	350	200	550
EXPORT	2,700	--	2,700
POST, POLE, AND PILING	41,489	--	41,489
TOTAL	169,077	200	169,277

Table 39--Log consumption by "other industry" mills, by type of industry and owner, California, 1994

TYPE OF INDUSTRY	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	UNKNOWN ORIGIN	NATIVE AMERICAN	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY				
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>										
VENEER	--	16,053	250	--	81,610	--	26,625	--	--	124,538
SHAKE AND SHINGLE	--	--	--	18	--	297	28	--	7	350
EXPORT	--	--	--	--	--	--	2,700	--	--	2,700
POST, POLE, AND PILING	--	--	--	--	--	155	33,369	7,965	--	41,489
TOTAL	--	16,053	250	18	81,610	452	62,722	7,965	7	168,077

Table 40--Log consumption by "other industry" mills, by type of industry and species, California, 1994

TYPE OF INDUSTRY	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PINE	PONDEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HARDWOODS	ALL SPECIES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>										
VENEER	15,158	--	95,229	6,000	6,000	1,651	--	--	500	124,538
SHAKE AND SHINGLE	--	--	--	--	--	--	--	350	--	350
EXPORT	2,673	27	--	--	--	--	--	--	--	2,700
POST, POLE, AND PILING	29,612	--	36	--	4,718	7,123	--	--	--	41,489
TOTAL	47,443	27	95,265	6,000	10,718	8,774	--	350	500	169,077

Other Industries

Table 41--Production and disposition of wood residue by "other industry" mills, by type of industry, type of residue, and use, California, 1994

TYPE OF INDUSTRY AND TYPE OF RESIDUE	USED ^a					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	<u>TONS, DRY WEIGHT</u>						
COARSE RESIDUE:							
VENEER	117,005	15,946	7,069	10,450	150,470	300	150,770
SHAKE AND SHINGLE	--	--	--	76	76	--	76
TOTAL	117,005	15,946	7,069	10,526	150,546	--	150,846
FINE RESIDUE ^b :							
VENEER	--	--	2,551	--	2,551	--	2,551
SHAKE AND SHINGLE	--	--	--	146	146	--	146
TOTAL	--	--	2,551	146	2,697	--	2,697
ALL TYPE OF RESIDUE:							
VENEER	117,005	15,946	9,620	10,450	153,021	300	153,321
SHAKE AND SHINGLE	--	--	--	222	222	--	222
TOTAL	117,005	15,946	9,620	10,672	153,243	300	153,543

^a Residues are not necessarily used in the area or county in which they are produced.

^b Fine residue includes splints, and sawdust.

Table 42--Production and disposition of bark residue by "other industry" mills, by type of industry and use, California, 1994

TYPE OF INDUSTRY	USED ^a					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	<u>TONS. DRY WEIGHT</u>						
VENEER	--	--	46,041	30,476	76,517	--	76,517
SHAKE AND SHINGLE	--	--	--	97	97	--	97
TOTAL	--	--	46,041	30,573	76,614	--	76,614

^a Residues are not necessarily used in the area or county in which they are produced.

Ward, Franklin R. 1997. California's forest products industry: 1994. Resour. Bull. PNW-RB-217. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 60 p.

This report presents the findings of a survey of primary forest products industries in California for 1994. The survey included the following sectors: lumber; veneer; pulp and board; shake and shingle; export; and post, pole, and piling. 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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