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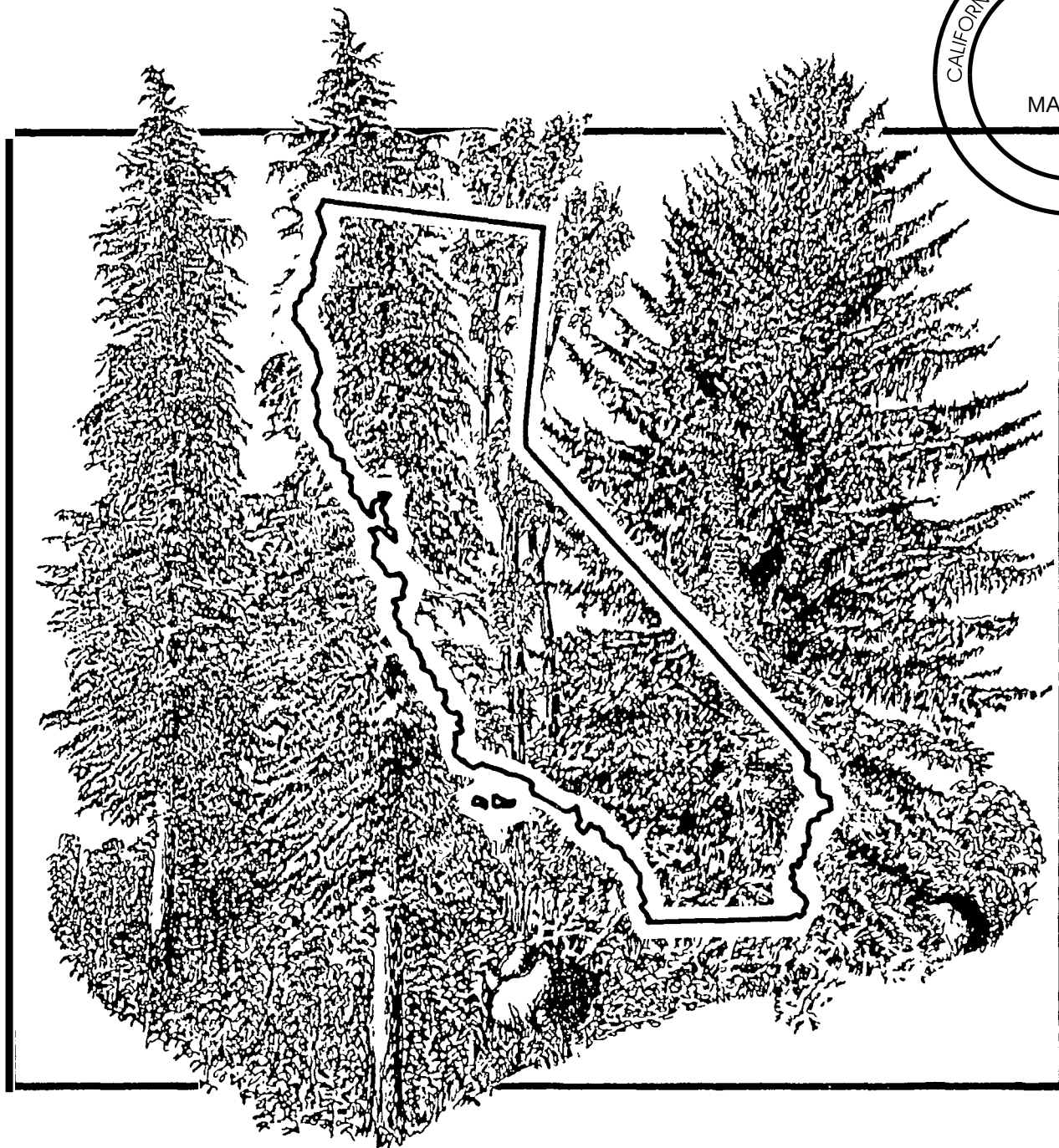
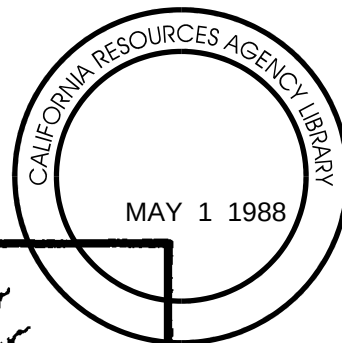
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California's Forest Products Industry: 1985

James O. Howard and Franklin R. Ward



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ABSTRACT

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This report presents the findings of a 100-percent survey of the primary forest products industry **in** California for **1985**. The survey included the following sectors: lumber; veneer and plywood; 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 **1985**. Data for the survey, conducted in **1986**, were obtained from a 100-percent mail and telephone canvass of all primary wood-processing firms in the State. Industry contacts for the survey **were** based **on** lists from previous surveys that **were** updated through assistance from the California Department of Forestry, various directories of the forest products industry, and information passed **on** by individual millowners. Similar surveys were produced in **1968**, in cooperation with the California State Department of Forestry; and by the Pacific Northwest Forest and Range Experiment Station in **1972**, **1976**, and **1982**. This survey identifies the raw material inputs and characteristics of the forest products industry. Data are **shown** separately for the following industries: lumber; veneer and plywood; pulp and board; shake and shingle; post, pole, and piling; and export.

The survey identifies **120** separate operations that used a total of almost 3.3 billion board feet of logs in **1985**. The lumber (**92** percent) and veneer and plywood (**5** percent) sectors **were** the major users, **In** addition, the pulp and board industry used about **1.9** million tons **of wood** fiber, **94** percent of **it** in the form of mill residues. The industry **as** a whole generated about **5** million tons of residual materials, of which less than **2** 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.

Reliability of the data presented in this report **is** considered to be high, because the survey was a 100-percent canvass. Information collected from each 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 1985 was 120:

<u>Type of mill</u>	<u>Number</u>
Sawmills	89
Veneer and plywood	6
Pulp	4
Board	7
Shake and shingle	3
Log export	5
Post, pole, and piling	6

Humboldt County led all others with 21 mills, or 18 percent of the total for the State.

The 56 largest sawmills had 83 percent of total sawmill capacity.

Only nine burners operated in the State in 1985.

Wood Consumption

A total of **3,285** million board feet of logs **was** consumed.

Pulp and board industry consumed about **1.9** million tons **of** mill residues and offsite roundwood chips.

Leading counties **in** roundwood consumption were:

Million board feet

Humboldt	640
Mendocino	463
Shasta	306
Siskiyou	199
Tehama	183

About 51 percent of logs were from young-growth timber.

Private lands **were** the source for **60** percent of the log consumption; forest industry provided the largest share, **59** percent; **39** percent **was** from National Forests.

Log consumption by industry **was**:

Peroent

Sawmills	91.7
Veneer and plywood	5.1
Log export	1.9
Pulp and board	.8
Post, pole, and piling	.4
Shake and shingle	.1

Mill Residues

A total of almost **5.5** million tons of residues **was** generated:

<u>Type of mill</u>	<u>Tons (dry weight) of residue</u>
Sawmills	5,192,910
Veneer and plywood	275,406
Shake and shingle	1,564

Seventy-seven percent of the residue was **wood**, **23** percent **was** bark.

More than **98** percent of the **wood** and bark residue **was** used.

Nearly **48** percent of **wood** residue went to pulp and board industries; **44** percent **was** used for fuel.

About **79** percent of bark **was** used for fuel; **16** percent **was** used for miscellaneous purposes.

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INTRODUCTION

California's forest products industry ~~has~~ been a major factor in the supply of **wood** products for the State and the Nation. Nationally, the industry ~~ranks~~ second in lumber output, accounting for 13 percent of softwood **lumber** production (Western **Wood** Products Association 1986). The forest products industry also produced significant quantities **of** plywood, particle board, and hardboard.

The forest products industry contributes significantly to the State's economy. The activities of this industry are translated 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~~^{1/} may **be** the only employer outside of the service industry.

In 1985, employment in the forest products industry **was** reported at 95,000 people (Western **Wood** Products Association 1986). **This** figure **is** considerably higher than the 1982 report of 73,000, and only slightly under the 97,000 total for 1976 (1982 and 1976 were the years of previous surveys). Between 1982 and 1985, the number of mills operating **in** the State dropped about 12 percent (134 to 120). This drop **is** much **less** than the 33-percent decline between 1976 **and** 1982. The **mills** that continue to operate tend to **be** larger. For example, the average 8-hour-shift capacity of operating sawmills in 1985 **was** about **25** percent greater than those operating **in** 1982.

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 about the industry **is** needed. Decisionmakers and planners need to **know** how the industry is changing **and how** the timber resource **is** being used. This report provides much of that information and an indepth look at California's **forest** industry during 1985. Coupled with **similar** reports for 1968 (Barrette and others 1968), 1972 (**Howard** 1974), 1976 (Hiserote and **Howard** 1978), and 1982 (**Howard** 1984), this information provides a **basis** for **examining** significant trends in industry characteristics and timber use.

The forest industry, **as** the term is used **in** this study, refers to **six** primary wood-processing industries: sawmills; **veneer** and plywood; 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.

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, 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, as well as being the center for redwood and Douglas-fir processing (fig. 2). The forest industry of the North Coast is the **most** diversified in California, with all types of primary wood-processing represented. The forest industry of the Central Coast is not nearly as significant, having limited timber resources.



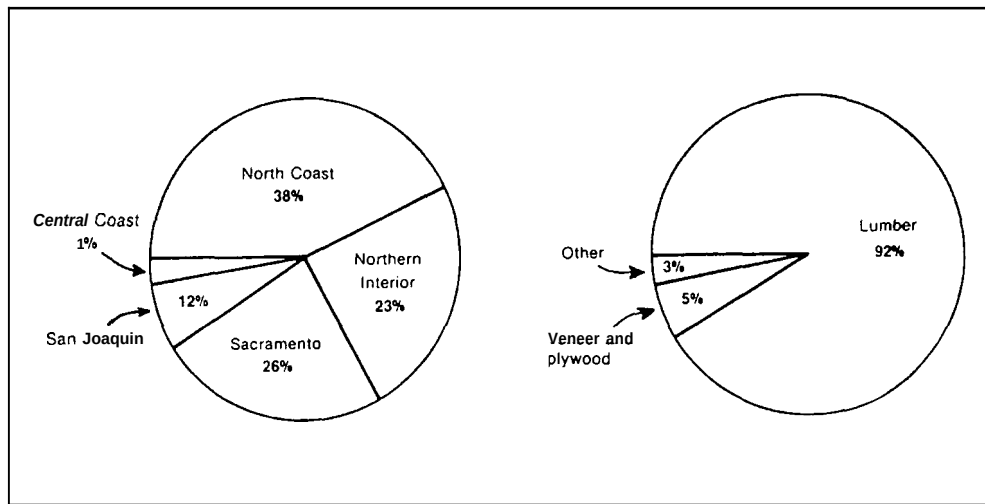


Figure 2-- Distribution of log consumption by resource area and industry, for California, 1985.

The interior region is divided into four resource areas that cover a wide diversity of forest types including pines (Pinus spp.), incense-cedar (Libocedrus decurrens Torr.), Douglas-fir, true firs (Abies spp.), and a mixed-conifer type. 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. Only one mill was reported to be operating in southern California in 1985.

COMPARISON WITH PREVIOUS SURVEYS

Figures 3 to 8 indicate some trends in California's forest products industry. These data are from this report and from data developed in the 1968, 1972, 1976, and 1982 surveys.

Industry	Number of mills by year				
	1968	1972	1976	1982	1985
Sawmills	216	176	142	101	89
Veneer and plywood	26	25	21	10	6
Pulp and board	17	18	17	10	11
Shake and shingle	3	7	7	4	3
Post, pole, and piling	2/	6	6	5	6
Log export	13	6	7	4	5
Total	275	238	200	134	120

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

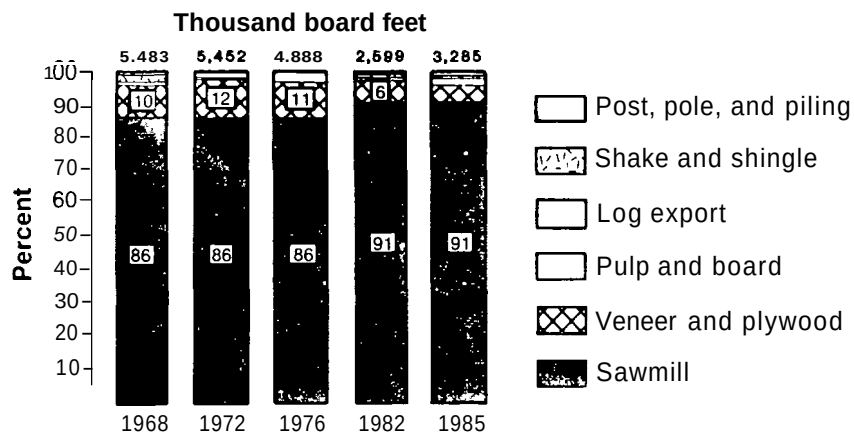


Figure 3--Log consumption by industry: values less than 6 percent are not shown.

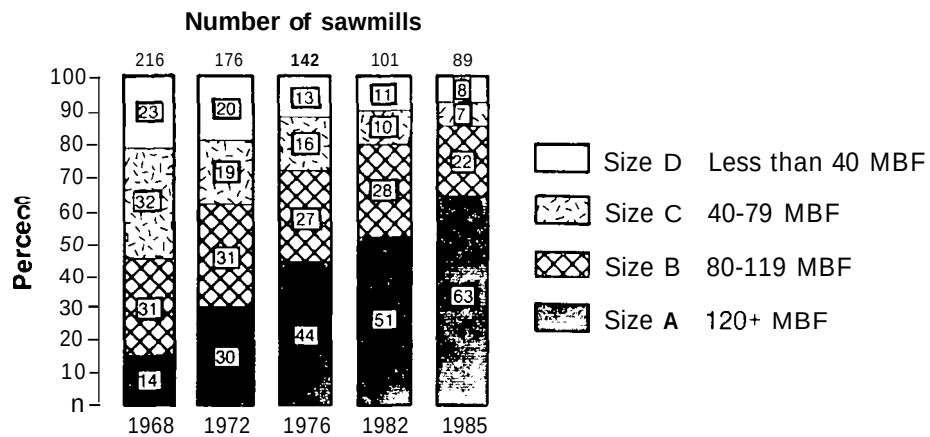


Figure 4--Sawmills by size class.

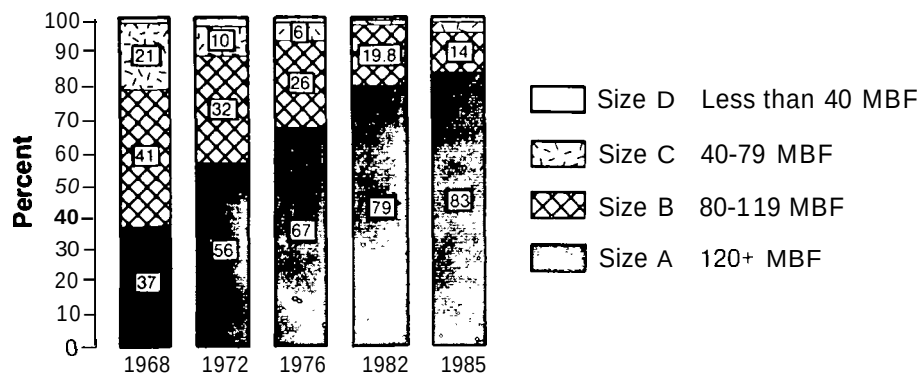


Figure 5--Log consumption by size class: values less than 6 percent are not shown.

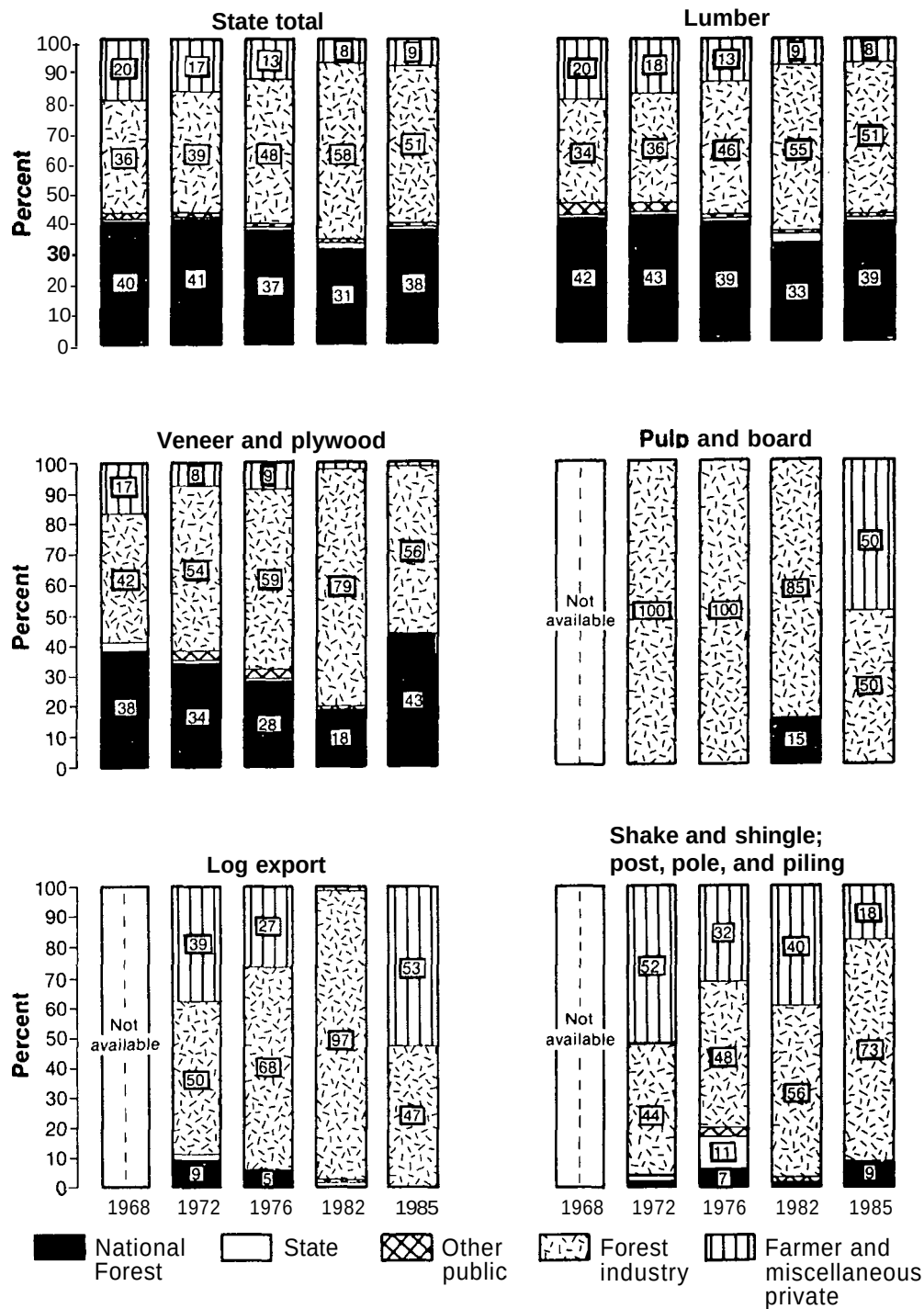


Figure 6--Log consumption by ownership class and industry: values less than 5 percent are not shown.

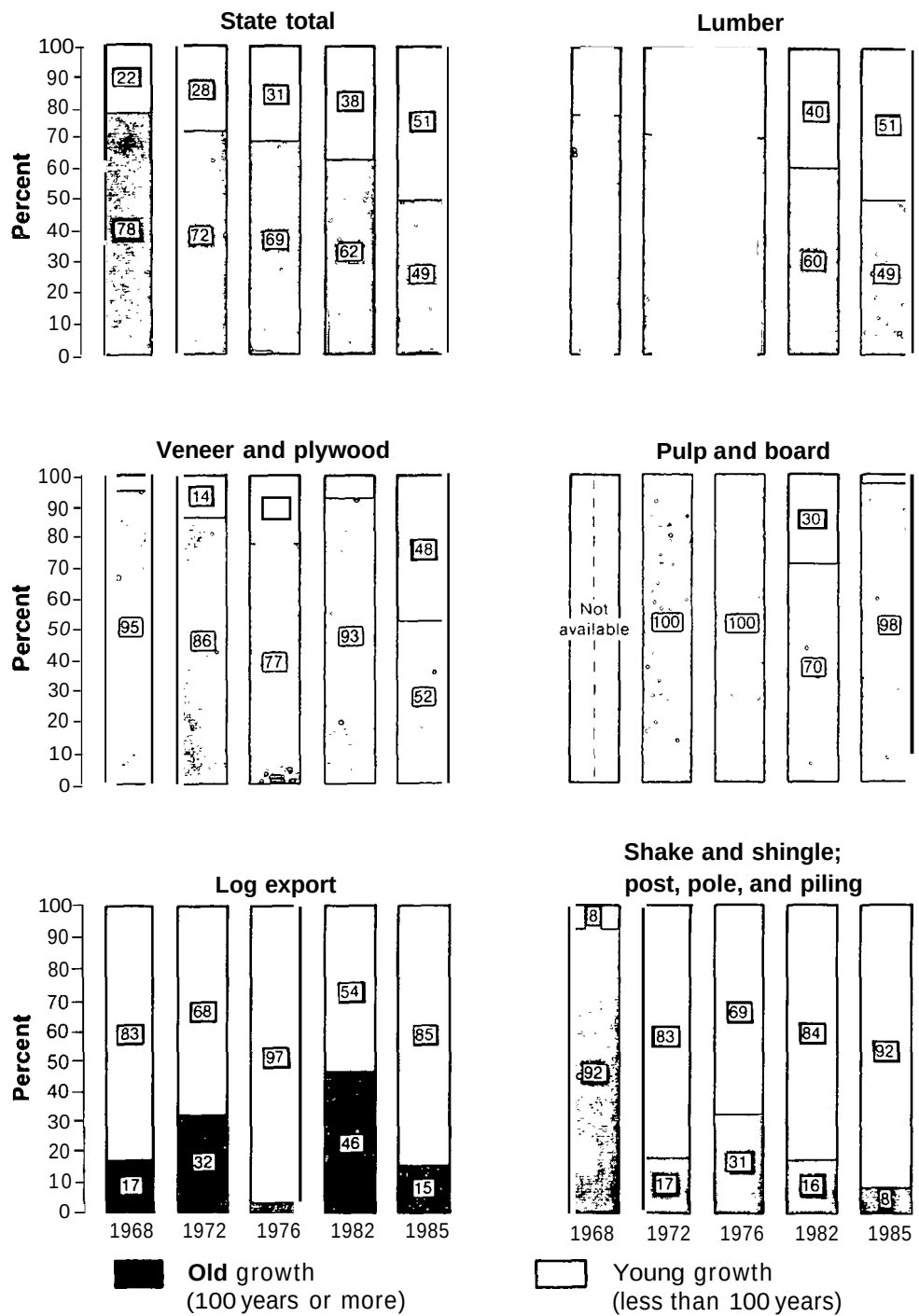


Figure 7--Log consumption by timber age group and Industry.

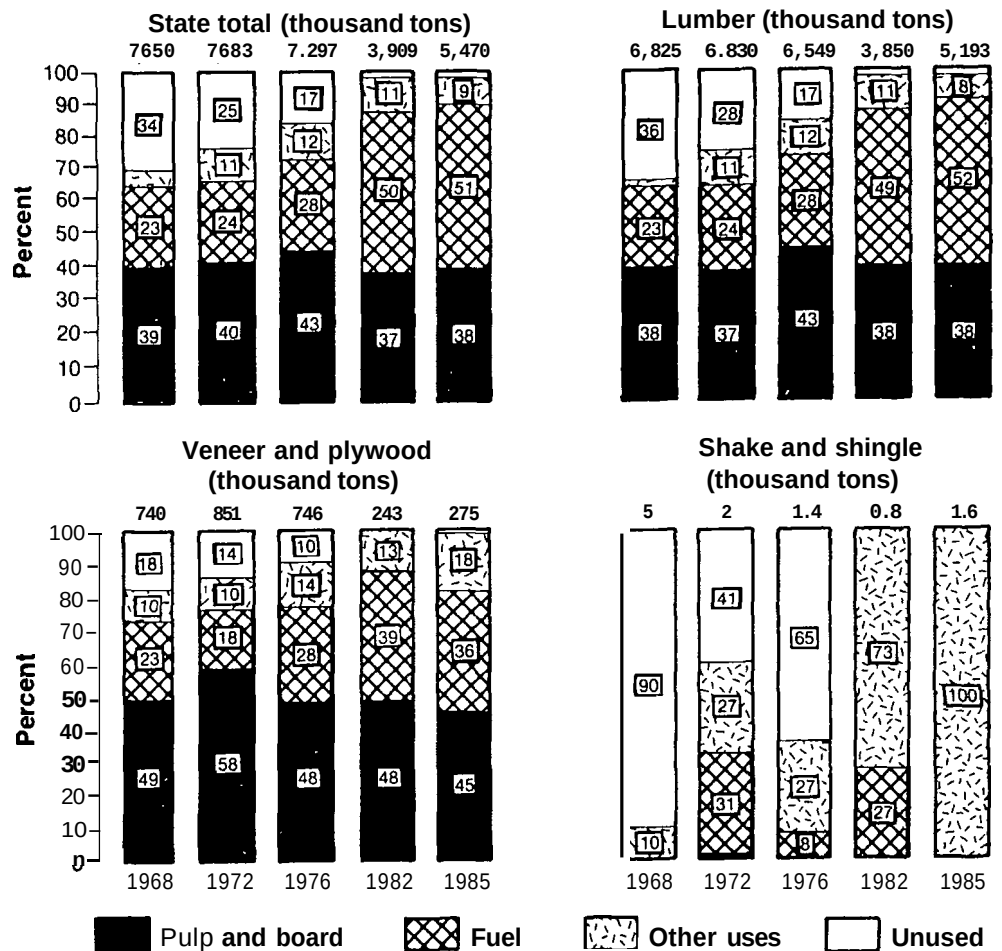


Figure 8— Production and disposition of wood and bark residue by use and industry: values less than 8 percent are not shown.

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. Special acknowledgment is made to personnel of the State of California, Department of Forestry, who assisted in updating the mill list.

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APPENDIX 1

Measurement Units

The board foot **is** the unit of measure used **In** this report for all wood consumption, with the exception of purchased or transferred veneer (square feet, **3/8-inch** basis) consumed by plywood mills **and** 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 from 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 feet, **3/8-inch** basis, for veneer and plywood production; square (100 square feet) for shake and shingle production; and board-foot local scale for log export **and** post, pole, and piling shipments.

Metric Conversions

1 cubic foot = 0.02832 cubic meter
1 ton = 907.1849 kilograms
1 square foot = 0.0929 square meter

Mill Residues

We did not attempt to get individual mills to quantify the amount of residue produced. Although mills might be able to specify amounts of residue sold for high-value uses (such as pulp chips), the low-value uses (such as mulch or fuel) are more difficult to quantify. The mills were therefore asked to indicate only the percentage distribution of the disposal of their residues. These percentages were then applied to residue estimates derived from the following tabulations:

Softwood sawmill residue, white mods.--Average quantity of residues developed from producing 1,000 board feet of lumber: 3/

<u>Item</u>	<u>Dry weight</u>
	(Tons)
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

3/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 and Douglas-fir.

Softwood sawmill residue. redwood and incense-cedar.--Average quantity of residues developed from producing 1,000 **board** feet of lumber: 4/

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

Softwood plywood residue.--Average quantity of residue developed in producing the equivalent of 1,000 square feet of **3/8-inch** plywood (rough basis): 5/

<u>Item</u>	<u>Solid volume 6/</u> (Cubic feet)	<u>Dry weight</u> (Tons)
Wood residue:		
Log trim	3.4	0.046
Cores	3.7	.050
Veneer clippings, roundup, and spur trim	18.5	.250
Dry trim and layup loss	6.5	.088
Sander dust	<u>1.6</u>	<u>.022</u>
Total	33.7	.456
Bark	<u>8.8</u>	<u>.132</u>
All residue	42.5	.588

4/Based on data from California **mills** from mill-scale studies made by the USDA Forest Service.

5/Based on data compiled by Oregon State University, School of Forestry, from Oregon mills in 1967. Because of the similarity of species used and mills, no adjustment was made in applying these data to California.

6/Based on equivalent green volume.

Shingle rill residue.--Average quantity of residue developed in using 1,000 board feet of logs, Scribner scale, **or** in producing the equivalent volume of 10.5 squares: **7/**

<u>Shake and shingle residue</u>	<u>Solid volume</u>		<u>Dry weight per MBF 8/ (Tons)</u>
	(Cubic feet)	(Percent)	
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

7/From information provided by the Red Cedar Shingle Bureau, Bellevue, Washington.

8/MBF = thousand feet board measure.

Glossary

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

MBF--Thousand board feet.

Mill--An identifiable operation at one location. **For** example, a sawmill with a large log operation and a **small** log operation **would** be counted **as** two mills; a sulfate and a groundwood pulping process at **one** location would be 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.

Old-growth timber--Timber at least 100 years old.

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.

Young-growth timber--Timber less than 100 years old.

APPENDIX 2

All Industries (Tables 1-9)

Table 1--Number of mills by resource area and type of industry, California, 1985

RESOURCE AREA	LUMBER	VENEER AND PLYWOOD	PULP AND BOARD ^{1/}	OTHER INDUSTRIES			ALL INDUSTRIES
				SHAKE AND SHINGLE	EXPORT ^{2/}	POST, POLE, AND PILING	
NORTH COAST	33	--	5	3	3	--	44
CENTRAL COAST	2	--	1	--	--	--	3
NORTH INTERIOR	18	2	1	--	--	2	23
SACRAMENTO	24	2	3	--	2	2	33
SAN JOAQUIN	12	2	1	--	--	1	16
SOUTHERN	--	--	--	--	--	1	1
ALL AREAS	89	6	11	3	5	6	120

^{1/}Each pulping process at a single location is considered an individual mill.

^{2/}Represents the number of identifiable operations involved in the export of logs.

All Industries, California

Table 2--Wood consumption by mills, by resource area, industry, and type of material, California. 1985

RESOURCE AREA AND INDUSTRY	ROUNDWOOD			OTHER WOOD <u>1/</u>	RESIDUE <u>2/</u>
	SOUND LOGS	UTILITY LOGS	ALL ROUNDWOOD		
- - - - THOUSAND BOARD FEET, SCRIBHER LOG RULE - - - -				TONS, DRY WEIGHT	
NORTH COAST:					
LUMBER <u>3/</u>	1,162,254	32,727	1,194,981	--	--
PULP AND BOARD <u>4/</u>	16,900	9,100	26,000	--	2,257,478
SHAKE AND SHINGLE	1,360	--	1,360	20	--
TOTAL	1,180,514	41,827	1,222,341	20	2,257,478
CENTRAL COAST:					
LUMBER <u>3/</u>	--	--	--	--	--
PULP AND BOARD <u>5/</u>	--	--	--	--	--
TOTAL	--	--	--	--	--
NORTHERN INTERIOR:					
LUMBER	594,940	77,466	672,406	--	--
PULP AND BOARD <u>4/</u>	--	--	--	--	--
TOTAL	594,940	77,466	672,406	--	--
SACRAMENTO:					
LUMBER	720,229	73,842	794,071	--	--
PULP AND BOARD <u>5/</u>	--	--	--	--	621,900
TOTAL	720,229	73,842	794,071	--	621,900
SAN JOAQUIN:					
LUMBER	314,078	36,617	350,695	--	--
PULP AND BOARD <u>5/</u>	--	--	--	--	--
TOTAL	314,078	36,617	350,695	--	--
SOUTHERN	--	--	--	--	--
ALL AREAS:					
LUMBER	2,791,501	220,652	3,012,153	--	--
VEENEER AND PLYWOOD <u>6/</u>	164,714	2,157	166,871	--	--
PULP AND BOARD	16,900	9,100	26,000	--	1,879,378
SHAKE AND SHINGLE	1,360	--	1,360	20	--
EXPORT <u>6/</u>	64,002	--	64,002	--	--
POST, POLE, PILING <u>6/</u>	14,872	--	14,872	--	--
TOTAL	3,053,349	231,909	3,285,258	20	1,879,378

1/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.

2/Includes residues from the sawmill, veneer and plywood, and shake and shingle industries, plus chips from roundwood chipping plants.

3/North Coast and Central Coast combined to avoid disclosure.

4/North Coast and Northern Interior combined to avoid disclosure.

5/Central Coast, Sacramento, and San Joaquin combined to avoid disclosure.

6/All resource areas combined to avoid disclosure.

All Industries, California

Table 3--Log flows to mills by resource area, industry, and State, California, 1985

RESOURCE AREA AND INDUSTRY	CALIFORNIA	OREGON	WASHINGTON	OTHER	ALL STATES
THOUSAND BOARD FEET, SCRIBNER LOG RULE					
NORTH COAST:					
LUMBER 1/	1,194,981	--	--	--	1,194,981
PULP AND BOARD 2/	26,000	--	--	--	26,000
SHAKE AND SHINGLE	1,360	--	--	--	1,360
TOTAL	1,222,341	--	--	--	1,222,341
CENTRAL COAST:					
LUMBER 1/	--	--	--	--	--
PULP AND BOARD 3/	--	--	--	--	--
TOTAL	--	--	--	--	--
NORTHERN INTERIOR:					
LUMBER	658,473	13,933	--	--	672,406
PULP AND BOARD 2/	--	--	--	--	--
TOTAL	658,473	13,933		--	672,406
SACRAMENTO:					
LUMBER	794,071	--	--	--	794,071
PULP AND BOARD 3/	--	--	--	--	--
TOTAL	794,071	--	--	--	794,071
SAN JOAQUIN:					
LUMBER	350,695	--	--	--	350,695
PULP AND BOARD 3/	--	--	--	--	--
TOTAL	350,695	--	--	--	350,695
SOUTHERN	--	--	--	--	--
ALL AREAS:					
LUMBER	2,998,220	13,933	--	--	3,012,153
VENEER AND PLYWOOD 4/	166,211	660	--	--	166,871
PULP AND BOARD	26,000	--	--	--	26,000
SHAKE AND SHINGLE	1,360	--	--	--	1,360
EXPORT 4/	64,002	--	--	--	64,002
POST, POLE, PILING 4/	7,672	6,024	1,176	--	14,872
TOTAL	3,263,465	20,617	1,176	--	3,285,258

1/North Coast and Central Coast combined to avoid disclosure.

2/North Coast and Northern Interior combined to avoid disclosure.

3/Central Coast, Sacramento, and San Joaquin combined to avoid disclosure.

4/All resource areas combined to avoid disclosure

Table 4--Log Flows by resource area, county of use, and county and out-of-state origin, California, 1985

RESOURCE AREA AND COUNTY OF USE	TOTAL	NORTH COAST				CENTRAL CMST				NORTHERN INTERIOR			
		DEL NORTE	HUMBOLDT	RNDDCIHO	SONOMA	SAN MATEO	SANTA CLARA	SANTA CRUZ	LASSEN	MODOC	SHASTA	SISKIYOU	TRINITY
THOUSAND BOARD FEET, SCRIBNER LOG RULE													
NORTH COAST:													
DEL NORTE	100,229	76,229	24,000	--	--	--	--	--	--	--	--	--	--
HUMBOLDT	639,545	53,498	545,210	14,287	--	--	--	--	--	--	--	357	26,193
MENDOCINO	462,881	--	19,063	388,053	21,191	--	--	1,695	--	--	--	--	--
SONOMA AND SANTA CRUZ 1/	67,735	--	--	30,522	21,613	5,300	250	10,050	--	--	--	--	--
TOTAL	1,270,390	129,727	588,273	432,862	42,804	5,300	250	11,745	--	--	--	357	26,193
CENTRAL COAST:													
SANTA CRUZ 1/	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:													
LASSEN AND MODOC 2/	154,460	--	--	--	--	--	--	--	86,718	33,390	3,940	--	--
SHASTA	306,369	--	1	--	--	--	--	--	27,760	5,751	145,544	82,772	32,633
SISKIYOU	199,030	--	2,235	--	--	--	--	--	6,000	4,411	37,695	116,882	13,524
TRINITY	109,197	--	17,471	--	--	--	--	--	--	--	1,405	1,500	88,821
TOTAL	769,056	--	19,707	--	--	--	--	--	120,478	43,552	188,584	201,154	134,978
SACRAMENTO:													
BUTTE	74,886	--	--	--	--	--	--	--	--	--	1,763	65	--
EL DORADO, PLACER, AND SACRAMENTO 2/	181,945	--	--	--	--	--	--	--	--	--	--	--	--
NEVADA	110,456	--	--	--	--	--	--	--	--	--	--	--	--
PLUMAS AND SIERRA 2/	223,971	--	--	--	--	--	--	--	32,400	--	--	--	--
TEHAMA	183,071	--	--	2,267	--	--	--	--	--	--	12,722	--	5,400
YUBA AND GLENN 2/	71,189	--	--	--	--	--	--	--	--	--	238	--	--
TOTAL	845,518	--	--	2,267	--	--	--	--	32,400	--	14,723	65	5,400
SAN JOAQUIN:													
FRESNO AND MADERA 2/	104,084	--	--	--	--	--	--	--	--	--	--	--	--
KERN, LOS ANGELES, AND TULARE 2/ 3/	112,246	--	84	--	--	--	--	--	--	--	840	210	1,680
TUOLUMNE, W O R, AND SAN JOAQUIN 2/	183,964	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	400,294	--	84	--	--	--	--	--	--	--	840	210	1,680
SOUTHERN 3/	--	--	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS	3,285,258	129,727	608,064	435,129	42,804	5,300	250	11,745	152,878	43,552	204,147	201,786	168,251

See footnotes at end of table.

All Industries, California

Table 4--Log flows by resource area, county of use, and county and out-of-State origin, California, 1985 (continued)

RESOURCE AREA AND COUNTY OF USE	SACRAMENTO										
	BUTTE	EL DORADO	GLENN	LAKE	NEVADA	PLACER	PLUMAS	SACRAMENTO	SERRA	TEHAMA	YUBA
THOUSAND BOARD FEET, SCRIBNER LOG RULE											
NORTH COAST:											
DEL NORTE	--	--	--	--	--	--	--	--	--	--	--
HUMBOLDT	--	--	--	--	--	--	--	--	--	--	--
MEHOCINO	--	--	250	25,038	--	--	--	--	--	7,591	--
SONOMA AND SANTA CRUZ 1/	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	250	25,038	--	--	--	--	--	7,591	--
CENTRAL COAST:											
SANTA CRUZ 1/	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:											
LASSEN AND MODOC 2/	--	--	--	--	--	--	28.262	--	--	--	--
SHASTA	773	--	3,627	--	--	1,931	3,627	--	--	1,950	--
SISKIYOU	--	--	2,520	--	--	--	3,320	--	--	--	--
TRINITY	--	--	--	--	--	--	--	--	--	--	--
TOTAL	773	--	6,147	--	--	1,931	35,209	--	--	1,950	--
SACRAMENTO:											
BUTTE	14,053	3,000	3,257	370	991	--	37,027	61	--	--	12,257
EL DORADO, PLACER,	--	133,185	--	--	11,109	17,210	1,852	--	1,852	--	--
AND SACRAMENTO 2/	--	12,335	--	--	43,175	17,339	7,446	--	30,161	--	--
NEVADA	--	--	--	--	--	--	--	--	--	--	--
PLUMAS AND SIERRA 2/	7,083	--	--	--	--	--	97,745	--	64,643	22,100	--
TEHAMA	55,350	--	21,695	--	--	--	2,061	--	--	83,576	--
YUBA AND GLENN 2/	1,118	10,000	475	--	6,120	16,680	20,878	--	15,680	--	--
TOTAL	77,604	158,520	25,427	370	61,395	51,229	167,009	61	112,336	105,676	12,257
SAN JOAQUIN:											
FRESNO AND MADERA 2/	--	--	--	--	--	--	--	--	--	--	--
KERN, LOS ANGELES,	--	--	--	--	--	--	--	--	--	--	--
AND TULARE 2/ 3/	--	--	--	--	--	--	--	--	--	--	--
TUOLUMNE, AMADOR, AND	--	35,133	--	--	--	--	--	--	--	--	--
SAN JOAQUIN 2/	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	35,133	--	--	--	--	--	--	--	--	--
SOUTHERN 3/	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS	78,377	193,653	31,824	25,408	61,395	53,160	202,218	61	112,336	115,217	12,257

See footnotes at end of table

Table 4--Log flws by resource area, county of use, and county, and out-of-State origin, California, 1985 (continued)

RESOURCE AREA AND COUNTY OF USE	SAN JOAQUIN									OUT-OF- STATE
	ALPINE	AMADOR	CALAVERAS	FRESHO	KERN	HADERA	MARIPOSA	TULARE	TUOLUMNE	
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST:										
DEL NORTE	--	--	--	--	--	--	--	--	--	--
HUMBOLDT	--	--	--	--	--	--	--	--	--	--
MENDOCINO	--	--	--	--	--	--	--	--	--	--
SONOMA AND SANTA CRUZ 1/	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--
CENTRAL COAST:										
SANTA CRUZ 1/										
TOTAL	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:										
LASSEN AND MODOC 2/	--	--	--	--	--	--	--	--	--	2,150
SHASTA	--	--	--	--	--	--	--	--	--	--
SISKIYOU	--	--	--	--	--	--	--	--	--	12,443
TRINITY	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	14,593
SACRAMENTO:										
BUTTE	--	--	--	--	--	--	--	--	--	2,042
EL DORADO, PLACER, AND SACRAMENTO 2/	3,633	6,500	6,604	--	--	--	--	--	--	--
NEVADA	--	--	--	--	--	--	--	--	--	--
PLUMAS AND SIERRA 2/	--	--	--	--	--	--	--	--	--	--
TEHAMA	--	--	--	--	--	--	--	--	--	--
YUBA AND GLEN 2/	--	--	--	--	--	--	--	--	--	--
TOTAL	3,633	--	--	--	--	--	--	--	--	2,042
SAN JOAQUIN:										
FRESHO AND MADERA 2/	--	--	--	84.542	--	19.542	--	--	--	--
KERN, LOS ANGELES, AND TULARE 21 3/	--	--	--	17.325	23.446	2.475	2.475	62.325'	--	1.386
TUOLUMNE, AMADOR, AND SAN JOAQUIN 2/	4.927	27.722	64.622	2,000	--	--	925	--	44,863	3,772
TOTAL	4.927	27.722	64.622	103.867	23.446	22.017	3,400	62.325	44,863	5.158
SOUTHERN 3/										
	--	--	--	--	--	--	--	--	--	--
ALL AREAS	8.560	34.222	71.226	103.867	23.446	22.017	3.400	62.325	44,863	21.793

1/Santa Cruz County combined with Sonoma County to avoid disclosure.

2/Combined to avoid disclosure.

3/Los Angeles County combined with Kern and Tulare Counties to avoid disclosure.

All Industries, California

Table 5--Log flows to mills from National Forests, by resource area and county of use, California 1985

RESOURCE AREA AND COUNTY OF USE	EL DORADO	KLAMATH	LASSEN	MENDOCINO	MODOC	PLUMAS	SEQUOIA
THOUSAND BOARD FEET, SCRIBNER LOG RULE							
NORTH COAST: DEL NORTE	--	--	--	--	--	--	--
HUMBOLDT	--	4,349	--	--	--	--	--
MENDOCINO	--	--	--	45,157	--	--	--
SONOMA AND SANTA CRUZ 1/	--	--	--	--	--	--	--
TOTAL	--	4,349	--	45,157	--	--	--
CENTRAL COAST: SANTA CRUZ 1/	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR: LASSEN AND MODOC 2/	--	--	79,615	--	26,076	25,673	--
SHASTA	--	13,058	39,428	5,492	3,633	595	--
SISKIYOU	--	72,152	9,758	3,402	46	--	--
TRINITY	--	15,000	--	--	--	--	--
TOTAL	--	100,210	128,001	8,894	29,755	26,468	--
SACRAMENTO: BUTTE	1,500	326	--	1,840	--	19,722	--
EL DORADO, PLACER, AND SACRAMENTO 2/	48,108	--	--	--	--	--	--
NEVADA	15,419	--	--	--	--	--	--
PLUMAS AND SIERRA 2/	--	--	26,488	--	--	77,573	--
TEHAMA	--	--	6,456	28,965	--	--	--
YUBA AND GLENN 2/	10,050	--	--	476	--	13,030	--
TOTAL	74,987	326	32,944	31,281	--	110,325	--
SAN JOAQUIN: FRESNO AND MADERA 2/	--	--	--	--	--	--	954
KERN, LOS ANGELES, AND TULARE 2/ 3/	--	--	--	--	--	--	--
TUOLUMNE, AMADOR, AND SAN JOAQUIN 2/	24,827	--	--	--	--	--	06,266
TOTAL	24,827	--	--	--	--	--	87,220
SOUTHERN 3/	--	--	--	--	--	--	--
ALL AREAS	99,814	104,885	161,745	85,332	29,755	136,793	87,220

See footnotes at end of table.

Table 5--Log flows to mills from National Forests, by resource area and county of use, California, 1985 (continued)

RESOURCE AREA AND COUNTY OF USE	SHASTA- TRINITY	SIERRA	SIX RIVERS	STANISLAUS	TAHOE	OUT-OF-STATE FORESTS	ALL FORESTS
THOUSAND BOARD FEET, SCRIBNER LOG RULE							
NORTH COAST:							
DEL NORTE	--	--	--	--	--	--	--
HUMBOLDT	24,946	--	59,872	--	--	--	89,167
MENDOCINO	--	--	--	--	--	--	45,157
SONOMA AND SANTA CRUZ 1/	--	--	--	--	--	--	--
TOTAL	24,946	--	59,872	--	--	--	134,324
CENTRAL COAST:							
SANTA CRUZ 1/	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC 2/	--	--	--	--	--	--	131,564
SHASTA	53,710	--	--	--	1,530	--	117,446
SISKIYOU	42,302	--	1,600	--	--	4,122	133,382
TRINITY	53,737	--	15,437	--	--	--	84,174
TOTAL	149,749	--	17,037	--	1,530	4,122	466,566
SACRAMENTO:							
BUTTE	--	--	--	--	14,180	--	37,568
EL DORADO, PLACER, AND SACRAMENTO 2/	--	--	--	15,725	13,886	--	77,629
NEVADA	--	--	--	--	15,498	--	30,917
PLUMAS AND SIERRA 2/	--	--	--	--	49,481	--	153,542
TEHAMA	7,849	--	--	--	--	--	43,270
YUBA AND GLENN 2/	--	--	--	--	28,020	--	51,576
TOTAL	7,849	--	--	15,725	121,065	--	394,502
SAVANA JOAQUIN:							
FRESNO AND MADERA 2/	--	92,630	--	--	--	--	93,584
KERN, LOS ANGELES, AND TULARE 2/ 3/	420	11,880	--	--	--	--	98,566
TUOLUMNE, AMADOR, AND SAN JOAQUIN 2/	--	--	--	29,628	--	--	54,455
TOTAL	420	104,510	--	29,628	--	--	246,605
SOUTHERN 3/	--	--	--	--	--	--	--
ALL AREAS	182,964	104,510	76,909	45,353	122,595	4,122	1,241,997

1/Santa Cruz County combined with Sonoma County to avoid disclosure.

2/Combined to avoid disclosure.

3/Los Angeles County combined with Kern and Tulare Counties to avoid disclosure.

All Industries, California

Table 6--Log flows to mills from National Forests, by resource area and industry, California, 1985

RESOURCE AREA AND COUNTY OF USE	EL DORADO	KLAMATH	LASSEN	SIERRA	MODOC	PLUMAS	SEQUOIA
THOUSAND BOARD FEET, SCRIBNER LOG RULE							
NORTH COAST:							
LUMBER 1/	--	4,349	--	45,157	--	--	--
PULP AND BOARD 2/	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	--	--	--	--
TOTAL	--	4,349	--	45,157	--	--	--
CENTRAL COAST:							
LUMBER 1/	--	--	--	--	--	--	--
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LUMBER	--	76,123	124,643	5,492	29,755	26,468	--
PULP AND BOARD 2/	--	--	--	--	--	--	--
TOTAL	--	76,123	124,643	5,492	29,755	26,758	--
SACRAMENTO :							
LUMBER	73,709	--	31,738	31,281	--	110,035	--
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	73,709	--	31,738	31,281	--	110,035	--
SAN JOAQUIN:							
LUMBER	21,253	--	--	--	--	--	87,220
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	21,253	--	--	--	--	--	87,220
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
LUMBER	94,962	80,472	156,381	81,930	29,755	136,503	87,220
VENEER AND PLYWOOD 4/	4,434	24,087	5,364	3,402	--	--	--
PULP AND BOARD	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	--	--	--	--
EXPORT 4/	--	--	--	--	--	--	--
POST, POLE, PILING 4/	418	326	--	--	--	290	--
TOTAL	99,814	104,885	161,745	85,332	29,755	136,793	87,220

See footnotes at end of table.

Table 6--Log flows to mills from National Forests, by resource area and industry, California, 1985 (continued)

RESOURCE AREA	SHASTA- TRINITY	SIERRA	SIX RIVERS	STANISLAUS	TAHOE	OUT-OF-STATE FORESTS	ALL FORESTS
THOUSAND BOARD FEET, SCRIBNER LCS RULE							
NORTH COAST:							
LUMBER 1/	24,946	--	59,872	--	--	--	134,324
PULP AND BOARD 2/	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	--	--	--	--
TOTAL	24,946	--	59,872	--	--	--	134,324
CENTRAL COAST:							
LUMBER 1/	--	--	--	--	--	--	--
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LUMBER	122,081	--	17,037	--	1,530	4,122	407,251
PULP AND BOARD 2/	--	--	--	--	--	--	--
TOTAL	122,081	--	17,037	--	1,530	4,122	407,251
SACRAMENTO:							
LUMBER	7,255	--	--	15,725	121,065	--	390,808
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	7,255	--	--	15,725	121,065	--	390,808
SAN JOAQUIN:							
LUMBER	--	104,510	--	24,171	--	--	237,154
PULP AND BOARD 3/	--	--	--	--	--	--	--
TOTAL	--	104,510	--	24,171	--	--	237,154
SOUTHERN							
	--	--	--	--	--	--	--
ALL AREAS:							
LUMBER	154,282	104,510	76,909	39,896	122,595	4,122	1,169,537
VENEER AND PLYWOOD 4/	28,197	--	--	5,457	--	--	70,941
PULP AND BOARD	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	--	--	--	--
EXPORT 4/	--	--	--	--	--	--	--
POST, POLE, PILING 4/	485	--	--	--	--	--	1,009
TOTAL	182,964	104,510	76,909	45,353	122,595	4,122	1,241,997

1/North Coast and Central Coast combined to avoid disclosure.

2/North Coast and Northern Interior combined to avoid disclosure.

3/Central Coast, Sacramento, and San Joaquin combined to avoid disclosure.

4/All resource areas combined to avoid disclosure.

All Industries, California

Table 7--Log consumption by mills, by resource area, industry, and owner, California. 1985

RESOURCE AREA AND INDUSTRY	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTH COAST: LUMBER 1/ PULP AND BOARD 2/ SHAKE AND SHINGLE	18,873 -- --	134,324 -- --	-- -- --	578 -- --	789,490 13,000 --	134,109 -- 1.1 20	117,607 13,000 240	1,194,981 26,000 1,360
TOTAL	18,873	134,324	--	578	802,490	135,229	130,847	1,222,341
CENTRAL COAST: LUMBER 1/ PULP AND BOARD 3/	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
TOTAL	--	--	--	--	--	--	--	--
NORTHERN INTERIOR: LUMBER PULP AND BOARD 2/	1,200 --	407,251 --	5,590 --	2.31 2 --	40,246 --	160,232 --	55,575 --	672,406 --
TOTAL	1,200	407,251	5,590	2.31 2	40,246	160,232	55,575	672,406
SACRAIYNTO: LUMBER PULP AND BOARD 3/	1,950 --	390,808 --	3,000 --	-- --	297,500 --	48,364 --	52,449 --	794.07 1 --
TOTAL	1,950	390.808	3,000	--	297,500	48.364	52,449	794,071
SAN JOAQUIN: LUMBER PULP AND BOARD 3/	4,950 --	237,154 --	-- --	-- --	60,851 --	17,220 --	30,520 --	350,695 --
TOTAL	4,950	237,154	--	--	60,851	17,220	30,520	350,695
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS: LUMBER VENEER AND PLYWOOD 4/ PULP AND BOARD SHME AND SHINGLE EXPORT 4/ POST, POLE, PILING 4/	26.973 -- -- -- -- --	1,169,537 70,941 -- -- -- 1,519	8,590 -- -- -- -- --	2,890 -- -- -- -- --	1,188,087 61,581 13,000 -- 27,000 242	359,925 32,386 -- 1,120 3,000 10.474	256,151 1,963 13,000 240 34.002 2.637	3,012.153 166,871 26,000 1,360 64,002 14.872
TOTAL	26,973	1,241,997	8,590	2,890	1,289,910	406.905	307,993	3,285,258

1/North Coast and Central Coast combined to avoid disclosure.

2/North Coast and Northern Interior combined to avoid disclosure.

3/Central Coast, Sacramento, and San Joaquin combined to avoid disclosure.

4/All resource areas combined to avoid disclosure.

Table 8--Log consumption by mills, by resource area, industry, and species, California, 1985

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 1/	362,914	741,200	43,091	16,965	24,440	--	1,967	4,404	--	1,194,981
PULP AND BOARD 2/	10,140	--	260	--	780	--	--	--	14,820	26,000
SHAKE AND SHINGLE	--	--	--	--	--	--	--	1,360	--	1,360
TOTAL	373,054	741,200	43,351	16,965	25,220	--	1,967	5,764	14,820	1,222,341
CENTRAL COAST:										
LUMBER 1/	--	--	--	--	--	--	--	--	--	--
PULP AND BOARD 3/	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:										
LUMBER	212,732	--	97,050	41,811	249,224	2,030	36,124	33,276	159	672,406
PULP AND BOARD 2/	--	--	--	--	--	--	--	--	--	--
TOTAL	212,732	--	97,050	41,811	249,224	2,030	36,124	33,276	159	672,406
SACRAMENTO:										
LUMBER	123,262	--	293,620	115,617	226,059	--	32,422	60	3,031	794,071
PULP AND BOARD 3/	--	--	--	--	--	--	--	--	--	--
TOTAL	123,262	--	293,620	115,617	226,059	--	32,422	60	3,031	794,071
SAN JOAQUIN:										
LUMBER	4,095	--	154,777	61,999	96,163	4,475	29,186	--	--	350,695
PULP AND BOARD 3/	--	--	--	--	--	--	--	--	--	--
TOTAL	4,095	--	154,777	61,999	96,163	4,475	29,186	--	--	350,695
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS:										
LUMBER	703,003	741,200	588,538	236,392	595,886	6,505	99,699	37,740	3,190	3,012,153
VENEER AND PLYWOOD 4/	30,180	--	108,741	6,930	21,020	--	--	--	--	166,871
PULP AND BOARD	10,140	--	260	--	780	--	--	--	14,820	26,000
SHAKE AND SHINGLE	--	--	--	--	--	--	--	1,360	--	1,360
EXPORT 4/	37,793	--	24,720	--	--	--	--	1,489	--	64,002
POST, POLE, PILING 4/	10,945	--	--	--	3,830	97	--	--	--	14,872
TOTAL	792,061	741,200	722,259	243,322	621,516	6,602	99,699	40,589	18,010	3,285,258

1/North Coast and Central Coast combined to avoid disclosure.

2/North Coast and Northern Interior combined to avoid disclosure.

3/Central Coast, Sacramento, and San Joaquin combined to avoid disclosure.

4/All resource areas combined to avoid disclosure.

All Industries, California

Table 9--Production and disposition of wood and bark residue by mills, by resource area, industry, and use, California. 1985

RESOURCE AREA AND INDUSTRY	WOOD RESIDUE					
	USED 1/				UNUSED	ALL WOOD
	PULP AND BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT						
NORTH COAST: LWBER 2/ SHAKE AND SHINGLE	980,198 --	584,101 --	156,745 1,096	1,721 ,044 1,096	21 ,380 --	1,742,424 1,096
TOTAL	980,198	584,101	157,841	1,722,140	21 ,380	1,743,520
CENTRAL COAST: LUMBER 2/	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--
NORTH INTERIOR: LUMBER	332,007	520,052	--	852,059	30,294	882,353
TOTAL	332,007	520,052	--	852,059	30,294	882,353
SACRAMENTO: LUMBER	347,220	573,235	36,201	956,656	3,513	960,169
TOTAL	347,220	573,235	36,201	956,656	3,513	960,169
SAN JOAQUIH: LUMBER	254,719	125,349	59,863	439,931	--	439,931
TOTAL	254,719	125,349	59,863	439,931	--	439,931
SOUTHERN	--	--	--	--	--	--
ALL AREAS: LUMBER	1,914.1 44	1,802,737	252,809	3,969,690	55,187	4,024,877
VENEER AND PLYHOOD 3/ SHAKE AND SHINGLE	122,957 --	52.411 --	37,455 1,096	212,823 1,096	203 --	213,026 1,096
TOTAL	2,037.101	1,855,148	291,360	4,183,609	55,390	4,238,999

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, 1985 (continued)

RESOURCE AREA AND INDUSTRY	BARK RESIDUE						ALL RESIDUE
	USED <u>1/</u>				UNUSED	ALL BARK	
	PULP AND BOARD	FUEL	FIISCELLANEOUS	TOTAL			
TONS, DRY WEIGHT							
NORTH COAST: LUMBER <u>2/</u> SHAKE AND SHINGLE	10,389 --	448,138 --	33,500 468	492,027 468	18,198 --	510,225 468	2,252,649 1,564
TOTAL	10,389	448,138	33,968	492,495	18,198	510,693	2,254,213
CENTRAL COAST: LUMBER <u>2/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTH INTERIOR: LUMBER	--	233,073	2,496	235,569	17,912	253,481	920,296
TOTAL	--	233,073	2,496	235,569	17,912	253,481	920,296
SACRAMENTO: LUMBER	1,801	207,520	62,712	272,333	4,506	276,839	1,029,319
TOTAL	1,801	207,520	62,712	272,333	4,506	276,839	1,029,319
SAN JOAQUIN: LUMBER	9,690	29,540	87,663	126,893	565	127,458	537,849
TOTAL	9,690	29,540	87,663	126,893	565	127,458	537,849
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS: LUMBER	21,880	918,571	186,371	1,126,822	41,181	1,168,003	5,192,880
VENEER AND PLYWOOD <u>3/</u>	--	47,321	13,464	60,785	1,595	62,380	275,406
SHAKE AND SHINGLE	--	--	468	468	--	468	1,564
TOTAL	21,880	965,892	200,303	1,188,075	42,776	1,230,851	5,469,850

^{1/}Residues are not necessarily used in the area in which they are produced; included are residues exported from California.

^{2/}North Coast and Central Coast combined to avoid disclosure.

^{3/}All areas combined to avoid disclosure.

Sawmill Industry
(Tables 10-34)

Table 10--Number of sawmills by resource area, county, and mill-size class, California, 1985

RESOURCE AREA AND COUNTY	MILL-SIZE CLASS 1/ 0 C B A				ALL CLASSES
	0	C	B	A	
NORTH COAST:					
DEL NORTE	--	--	2	1	3
HUMBOLDT	1	1	4	8	14
MENDOCINO	--	--	1	10	11
SONOMA	1	3	--	1	5
TOTAL	2	4	7	20	33
CENTRAL COAST:					
SANTA CRUZ	--	1	1	--	2
TOTAL	--	1	1	--	2
NORTH INTERIOR:					
LASSEN	--	--	1	2	3
MODOC	--	--	--	1	1
SHASTA	--	1	1	4	6
SISKIYOU	--	--	--	5	5
TRINITY	--	--	--	3	3
TOTAL	--	1	2	15	18
SACRAMENTO:					
BUTTE	3	--	--	2	5
EL DORADO	--	--	1	1	2
GLENN	1	--	--	--	1
NEVADA	1	--	3	--	4
PLACER	--	--	--	2	2
PLUMAS	--	--	1	3	4
SIERRA	--	--	--	1	1
TEHAMA	--	--	1	2	3
YUBA	--	--	1	1	2
TOTAL	5	--	7	12	24
SAN JOAQUIN:					
AMADOR	--	--	--	2	2
FRESNO	--	--	1	1	2
KERN	--	--	--	1	1
MADERA	--	--	1	--	1
TULARE	--	--	--	2	2
TUOLUMNE	--	--	1	3	4
TOTAL	--	--	3	9	12
SOUTHERN	--	--	--	--	--
ALL AREAS	7	6	20	56	89

1/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, 1985

RESOURCE AREA AND COUNTY	MILL-SIZE CLASS 1/				ALL CLASSES
	D	C	B	A	
THOUSAND BOARD FEET, LUMBER TALLY					
NORTH COAST:					
DEL NORTE	--	--	200	260	460
HUMBOLDT	10	60	370	1,892	2,332
MENDOCINO	--	--	116	1,944	2,060
SONOMA	15	155	--	186	356
TOTAL	25	215	686	4,282	5,208
CENTRAL COAST:					
SANTA CRUZ	--	50	90	--	140
TOTAL	--	50	90	--	140
NORTH INTERIOR:					
LASSEN	--	--	115	375	490
MODOC	--	--	--	125	125
SHASTA	--	60	110	805	975
SISKIYOU	--	--	--	825	825
TRINITY	--	--	--	555	555'
TOTAL	--	60	225	2,685	2,970
SACRAMENTO:					
BUTTE	33	--	--	490	523
EL DORADO	--	--	100	310	410
GLENH	10	--	--	--	10
NEVADA	2	--	305	--	307
PLACER	--	--	--	285	285
PLUMAS	--	--	80	750	830
SIERRA	--	--	--	200	200
TEHAMA	--	--	115	560	675
YUBA	--	--	100	125	225
TOTAL	45	--	700	2,720	3,465
SAN JOAQUIN:					
AMADOR	--	--	--	418	418
FRESNO	--	--	110	250	360
KERN	--	--	--	120	120
MADERA	--	--	100	--	100
TULARE	--	--	--	350	350
TUOLUMNE	--	--	80	390	470
TOTAL	--	--	290	1,528	1,818
SOUTHERN	--	--	--	--	--
ALL AREAS	70	325	1,991	11,215	13,601

^{1/}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.

Sawmills, California

Table 12--Number of sawmills by resource area, selected equipment, and mill-size class, California, 1985

RESOURCE AREA AND SELECTED EQUIPMENT	MILL - SIZE CLASS 1/				ALL CLASSES
	D	C	B	A	
NORTH COAST:					
BARKER	--	3	7	1a	2a
CHIPPER	--	3	7	20	30
PLANER	1	3	6	19	29
BURNER	--	--	1	3	4
KILN	--	--	1	10	11
CENTRAL COAST:					
BARKER	--	1	--	--	1
CHIPPER	--	--	1	--	1
PLANER	--	1	1	--	2
BURNER	--	--	--	--	--
KILN	--	--	--	--	--
NORTH INTERIOR:					
BARKER	--	1	2	14	17
CHIPPER	--	1	2	14	17
PLANER	--	--	2	14	16
BURNER	--	--	--	3	3
KILN	--	--	2	11	13
SACRAMENTO					
BARKER	--	--	7	12	19
CHIPPER	2	--	6	12	20
PLANER	3	--	6	12	21
BURNER	--	--	--	2	2
KILN	--	--	5	11	16
SAN JOAQUIN:					
BARKER	--	--	3	9	12
CHIPPER	--	--	3	a	11
PLANER	--	--	3	7	10
BURNER	--	--	--	--	--
KILN	--	--	2	8	10
SOUTHERN	--	--	--	--	--
ALL AREAS:					
BARKER	--	5	19	53	77
CHIPPER	2	4	19	54	79
PLANER	4	4	18	52	78
BURNER	--	--	1	8	9
KILN	--	--	10	40	50

1/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, 1985

RESOURCE AREA AND COUNTY	BARKER	CHIPPER	PLANER	BURNER	KILN
NORTH COAST:					
DEL NORTE	2	3	2	1	1
HUMBOLDT	11	12	12	--	5
MEEJDOCINO	11	11	11	3	4
SONOMA	4	4	4	--	1
TOTAL	28	30	29	4	11
CENTRAL COAST:					
SANTA CRUZ	1	1	2	--	--
TOTAL	1	1	2	--	--
NORTH INTERIOR :					
LASSEN	3	3	3	--	3
MODOC	--	--	1	--	1
SHASTA	6	6	5	--	5
SISKIYOU	5	5	4	2	3
TRINITY	3	3	3	1	1
TOTAL	17	17	16	3	13
SACRAMENTO:					
BUTTE	2	3	5	1	1
EL DORADO	2	1	2	1	2
GLENN	--	1	--	--	--
NEVADA	3	3	2	--	2
PLACER	2	2	2	--	2
PLUMAS	4	4	4	--	3
SIERRA	1	1	1	--	1
TEHAMA	3	3	3	--	3
YUBA					
TOTAL	19	20	21	2	16
SAH JOAQUIN:					
AMADOR	2	2	1	--	1
FRESNO	2	2	1	--	2
KERN	1	1	1	--	1
MADERA	1	1	1	--	1
TULARE	2	2	2	--	2
TUOLUMNE	4	3	4	--	3
TOTAL	12	11	10	--	10
SOUTHERN	--	--	--	--	--
ALL AREAS	77	79	78	9	50

Table 14--Number of sawmills by resource area, mill-size class, and type and size of headrig, 1/ California. 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>2</u> /	CIRCULAR SAW					BAND SAW					GANG SAW			CHIPPING SAW			SCRAGG 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
NORTH COAST:																			
O	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	1	3	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	1	6	--	--	--	--	--	--	--	--	1	--	--
A	--	--	--	--	--	1	3	11	5	--	--	--	--	--	1	--	--	--	--
TOTAL	--	1	1	--	--	1	5	20	5	--	--	--	--	--	1	--	1	--	--
CENTRAL COAST:																			
O	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--
NORTH INTERIOR:																			
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--
B	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--
A	--	--	--	--	--	1	1	11	2	--	--	--	--	--	--	--	--	--	--
TOTAL	1	--	--	--	--	1	1	13	2	--	--	--	--	--	--	--	1	--	--
SACWENTO:																			
O	--	1	2	--	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	6	1	--	--	--	--	--	--	--	--	--	--
A	--	--	--	--	--	--	--	8	3	--	3	--	--	1	--	--	--	--	--
TOTAL	--	1	2	--	1	--	--	15	4	--	3	--	--	1	--	--	--	--	--
SAN JOAQUIN:																			
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	2	1	--	--	--	--	--	--	--	--	--	--
A	--	--	1	--	--	--	--	5	3	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	1	--	--	--	--	7	4	--	--	--	--	--	--	--	--	--	--
SOUTHERN																			
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	1	2	3	--	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	1	17	2	--	--	--	--	--	--	--	1	--	--
A	--	--	1	--	--	2	4	35	13	--	3	--	--	1	1	--	--	--	--
TOTAL	1	2	4	--	1	2	6	57	15	--	3	--	--	1	1	--	2	--	--

1/Headrig sizes are upper limits; for example, the 6-foot size-class includes 49 through 72 inches.

2/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.

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Table 15--Number of sawmills by mill-size class, years at present site, and tenure of present owner, California, 1985

MILL-SIZE CLASS 1/ AND YEARS AT PRESENT-SITE	TENURE OF PRESENT OWNER (YEARS)					ALL MILLS
	0-2	3-5	6-10	11-20	21 PLUS	
D:						
6-10	--	--	1	--	--	1
11-20	--	--	--	3	1	4
21 PLUS	1	--	--	--	1	2
TOTAL	1	--	1	3	2	7
C:						
3-5	--	1	--	--	--	1
6-10	--	--	2	--	--	2
11-20	--	--	1	--	--	1
21 PLUS	--	--	--	--	2	2
TOTAL	--	1	3	--	2	6
B:						
11-20	--	1	1	2	--	4
21 PLUS	--	1	5	3	7	16
TOTAL	--	2	6	5	7	20
A:						
6-10	--	1	2	1	--	4
11-20	--	--	1	7	--	8
21 PLUS	2	8	7	14	13	44
TOTAL	2	9	10	22	13	56
ALL CLASSES:						
3-5	--	1	--	--	--	1
6-10	--	1	5	1	--	7
11-20	--	1	3	12	1	17
21 PLUS	3	9	12	17	23	64
TOTAL	3	12	20	30	24	89

1/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.

Sawmills, California

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, 1985

RESOURCE AREA	MILL-SIZE CLASS <u>1/</u>				ALL CLASSES
	D	C	B	A	
<u>DAYS PER YEAR</u>					
NORTH COAST	250	225	215	230	228
CENTRAL COAST	--	238	180	--	209
NORTH INTERIOR	--	255	228	241	241
SACRAMENTO	177	--	229	219	213
SAN JOAQUIN	--	--	194	207	204
SOUTHERN	--	--	--	--	--
ALL AREAS	198	232	216	227	223
<u>SHIFTS PER DAY</u>					
NORTH COAST	1.00	1.25	1.57	1.75	1.61
CENTRAL COAST	--	1.00	1.00	--	1.00
MORTH INTERIOR	--	1.00	2.00	1.53	1.56
SAN JOAQUIN	--	--	1.00	1.56	1.42
SOUTHERN	--	--	--	--	--
ALL AREAS	1.00	1.17	1.50	1.66	1.54

1/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 17--Wood consumption by sawmills, by resource area, mill-size class, and type of material, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	ROUNDWOOD			OTHER WOOD		ALL WOOD
	SOUND LOGS	UTILITY LOGS	ALL ROUNDWOOD	PEELER CORES	CANTS	
THOUSAND BOARD FEET, SCRIBNER LOG RULE						
NORTH COAST: <u>2/</u>						
C AND D <u>3/</u>	36,967	600	37,567	--	--	37,567
B	158,672	8,152	166,824	--	--	166,824
A	966,615	23,975	990,590	--	--	990,590
TOTAL	1,162,254	32,727	1,194,981	--	--	1,194,981
CENTRAL COAST: <u>2/</u>	--	--	--	--	--	--
NORTH INTERIOR:						
B, C, AND D <u>3/</u>	70,167	270	70,437	--	--	70,437
A	524,773	77,196	601,969	--	--	601,969
TOTAL	594,940	77,466	672,406	--	--	672,406
SACRAMENTO :						
D	4,465	768	5,233	--	--	5,233
B	200,065	10,882	210,947	--	--	210,947
A	515,699	62,192	577,891	--	--	577,891
TOTAL	720,229	73,842	794,071	--	--	794,071
SAN JOAQUIN:						
B, C, AND D <u>3/</u>	41,409	1,175	42,584	--	--	42,584
A	272,669	35,442	308,111	--	--	308,111
TOTAL	314,078	36,617	350,695	--	--	350,695
SOUTHERN	--	--	--	--	--	--
ALL AREAS:						
D	4,465	768	5,233	--	--	5,233
C	36,967	600	37,567	--	--	37,567
B	470,313	20,479	490,792	--	--	490,792
A	2,279,756	198,805	2,478,561	--	--	2,478,561
TOTAL	2,791,501	220,652	3,012,153	--	--	3,012,153

1/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.

2/2 mills from Central Coast combined with North Coast to avoid disclosure.

3/Combined to avoid disclosure.

Sawmills, California

Table 18--Log consumption by sawmills, by resource area, mill-size class, and age group of timber, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	OLD GROWTH (100 YEARS AND OLDER)	YOUNG GROWTH (LESS THAN 100 YEARS)	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTH COAST: <u>2/</u>			
C AND D <u>3/</u>	3,650	33,917	37,567
B	65,119	101,705	166,824
A	394,209	596,381	990,590
TOTAL	462,978	732,003	1,194,981
CENTRAL COAST: <u>2/</u>	--	--	--
NORTH INTERIOR:			
B, C, AND D <u>3/</u>	41,406	29,031	70,437
A	373,117	228,852	601,969
TOTAL	414,523	257,883	672,406
SACRAMENTO:			
D	2,904	2,329	5,233
B	133,454	77,493	210,947
A	291,552	286,339	577,891
TOTAL	427,910	366,161	794,071
SAN JOAQUIN:			
B, C, AND D <u>3/</u>	19,218	23,366	42,584
A	160,890	147,221	308,111
TOTAL	180,108	170,587	350,695
SOUTHERN	--	--	--
ALL AREAS:			
D	2,904	2,329	5,233
C	3,650	33,917	37,567
B	259,197	231,595	490,792
A	1,219,768	1,258,793	2,478,561
TOTAL	1,485,519	1,526,634	3,012,153

1/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.

2/2 mills from Central Coast combined with North Coast to avoid disclosure.

3/Combined to avoid disclosure.

Table 19--Log consumption by sawmills, by resource area, county of use, and age group of timber, California, 1985

RESOURCE AREA AND COUNTY OF USE	OLD GROWTH (100 YEARS AND OLDER)	YOUNG GROWTH (LESS THAN 100 YEARS)	ALL AGE GROUPS
THOUSAND BOARD FEET, SCRIBNER LOG RULE			
NORTH COAST:			
DEL NORTE	98,060	2,169	100,229
HUMBOLDT	231,970	332,526	564,496
MENDOCINO	127,156	335,365	462,521
SONOMA AND SANTA CRUZ 1/	5,792	61,943	67,735
TOTAL	462,978	732,003	1,194,981
CENTRAL COAST:			
SANTA CRUZ 1/	--	--	--
TOTAL	--	--	--
NORTH INTERIOR:			
LASSEN AND MODOC 2/	106,276	48,184	154,460
SHASTA	141,038	165,281	306,319
SISKIYOU	79,483	22,947	102,430
TRINITY	87,726	21,471	109,197
TOTAL	414,523	257,883	672,406
SACRAMENTO:			
BUTTE	14,626	57,018	71,644
EL DORADO AND PLACER 2/	72,327	91,413	163,740
NEVADA	79,271	31,185	110,456
PLUMAS AND SIERRA 2/	142,052	81,919	223,971
TEHAMA	59,496	93,575	153,071
YUBA AND GLENN 2/	60,138	11,051	71,189
TOTAL	427,910	366,161	794,071
SAN JOAQUIN:			
FRESNO AND MADERA 2/	50,668	53,416	104,084
KERN AND TULARE 2/	72,750	35,296	108,046
TUOLUMNE AND AMADOR 2/	56,690	81,875	138,565
TOTAL	180,108	170,587	350,695
SOUTHERN	--	--	--
ALL AREAS	1,485,519	1,526,634	3,012,153

1/Santa Cruz County combined with Sonoma County to avoid disclosure.

2/Combined to avoid disclosure.

Sawmills, California

Table 20--Log inventory, log consumption, and estimated log receipts by sawmills, by resource area, California, 1985

RESOURCE AREA	LOG INVENTORY			LOG CONSUMPTION	ESTIMATED LOG RECEIPTS
	JANUARY 1, 1985	DECEMBER 31, 1985	NET CHANGE		
	THOUSAND BOARD FEET, SCRIBNER LOG RULE				
NORTH COAST 1/	305,862	315,666	+9,804	1,194,981	1,204,785
CENTRAL COAST 1/	--	--	--	--	--
NORTH INTERIOR	179,806	201,402	+21,594	672,406	694,000
SACRAMENTO	217,716	253,076	+35,360	794,071	829,431
SAN JOAQUIN	97,692	121,076	+23,384	350,695	374,079
SOUTHERN	--	--	--	--	--
ALL AREAS	801,078	691,220	+90,142	3,012,153	3,102,295

1/Central Coast combined with North Coast to avoid disclosure.

Table 21--Log consumption by sawmills, by resource area, mill-size class, and mill, California, 1985

RESOURCE AREA AND MILL - SIZE CLASS <u>1/</u>	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTH COAST: <u>2/</u> C AND <u>3/</u> B A	-- 6,457 12,416	-- 2,529 131,795	-- -- --	578 -- --	250 94,045 695,195	11,000 28,640 94,469	25,739 35,153 56,715	37,567 166,824 990,590
TOTAL	18,873	134,324	--	578	789,490	134,109.	117,607	1,194,981
CENTRAL COAST: <u>2/</u>	--	--	--	--	--	--	--	--
NORTHERN INTERIOR: B, C, AND <u>3/</u> A	1,200 --	49,777 357,474	-- 5,590	2,312 --	-- 40,246	11,466 148,766	5,682 49,893	70,437 601,969
TOTAL	1,200	407,251	5,590	2,312	40,246	160,232	55,575	672,406
SACRAMENTO: O C B A	-- -- -- 1,950	708 -- 114,784 275,316	-- -- -- 3,000	-- -- -- --	2,818 -- 79,686 214,996	1,021 -- 10,279 37,064	686 -- 6,198 45,565	5,233 -- 210,947 577,891
TOTAL	1,950	390,808	3,000	--	297,500	48,364	52,449	794,071
SAN JOAQUIN: B, C, AND <u>3/</u> A	-- 4,950	37,534 199,620	-- --	-- --	5,050 55,801	-- 17,220	-- 30,520	42,584 308,111
TOTAL	4,950	237,154	--	--	60,851	17,220	30,520	350,695
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS: O C B A	-- -- 7,657 19,316	708 -- 204,624 964,205	-- -- -- 8,590	-- 578 2,312 --	2,818 250 178,781 1,006,238	1,021 11,000 50,385 297,519	686 25,739 47,033 182,693	5,233 37,567 490,792 2,478,561
TOTAL	26,973	1,169,537	8,590	2,890	1,188,087	359,925	256,151	3,012,153

^{1/}Class 0 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.

^{2/}2 mills from Central Coast combined with North Coast to avoid disclosure.

^{3/}Combined to avoid disclosure.

Sawmills, California

Table 22--Log consumption by samills, by resource area, county of use, and owner, California, 1985

RESOURCE AREA AND COUNTY OF USE	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGENEM	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTH COAST: DEL NORTE	--	--	--	--	93,000	5,783	1,446	100,229
HUMBOLDT	--	89,167	--	578	350,274	67,860	56,617	564,496
MENDOCINO	18,557	45,157	--	--	317,010	46,303	34,694	462,521
SONOMA AND SAHTA CRUZ 1/	316	--	--	--	28,406	14,163	24,850	67,735
TOTAL	18,873	134,324	--	578	789,490	134,109	117,607	1,194,981
CENTRAL COAST: SANTA CRUZ 1/	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--
NORTHERN INTERIOR: LASSEN AND MODOC 2/	--	131,564	--	540	7,810	1,350	13,196	154,460
SHASTA	1,200	117,441	1,300	1,772	17,436	129,442	37,728	306,319
SI SKIY DU	--	74,072	2,672	--	15,000	9,058	1,628	102,430
TRINITY	--	84,174	1,618	--	--	20,382	3,023	109,197
TOTAL	1,200	407,251	5,590	2,312	40,246	160,232	55,575	672,406
SACRAMENTO: BUTTE	--	36,952	3,000	--	20,818	1,508	9,366	71,644
EL DORADO AND PLACER 2/	--	76,351	--	--	57,881	15,864	13,644	163,740
NEVADA	--	30,917	--	--	68,940	10,279	320	110,456
PLUMAS AND SIERRA 2/	1,950	153,542	--	--	34,710	5,950	27,819	223,971
TEHAMA	--	41,470	--	--	106,351	5,250	--	153,071
YUBA AND GLENN 2/	--	51,576	--	--	8,800	9,513	1,300	71,189
TOTAL	1,950	390,808	3,000	--	297,500	48,364	52,449	794,071
SAN JOAQUIN: FRESNO AND MADERA 2/	--	93,584	--	--	4,000	--	6,500	104,084
KERN AND TULARE 2/	4,950	98,146	--	--	--	--	4,950	108,046
TUOLUMHE AND AMADOR 2/	--	45,424	--	--	56,851	17,220	19,070	138,565
TOTAL	4,950	237,154	--	--	60,851	17,220	30,520	350,695
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	26,973	1,169,537	8,590	2,890	1,188,087	359,925	256,151	3.01 2,153

1/Santa Cruz County combined with Sonoma County to avoid disclosure.

2/Combined to avoid discloswe.

Table 23--Dependency (%) of sawmills on timber by resource area, mill-size class, and owner. California, 1985

RESOURCE AREA AND MILL-SIZE CLASS 1/	NATIONAL FOREST				STATE				BUREAU OF LAND MANAGEMENT			
	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	4	--	--	--	4	--	--	--	4	--	--	--
B	5	2	--	--	6	1	--	--	7	--	--	--
A	10	6	2	2	15	5	--	--	20	--	--	--
TOTAL	21	8	2	2	27	6	--	--	33	--	--	--
CENTRAL COAST:												
C	1	--	--	--	1	--	--	--	1	--	--	--
B	1	--	--	--	1	--	--	--	1	--	--	--
TOTAL	2	--	--	--	2	--	--	--	2	--	--	--
NORTHERN INTERIOR:												
C	--	1	--	--	--	1	--	--	1	--	--	--
B	--	--	--	2	2	--	--	--	2	--	--	--
A	--	5	3	7	15	--	--	--	10	5	--	--
TOTAL	--	6	3	9	17	1	--	--	13	5	--	--
SACRAMENTO:												
D	2	2	1	--	5	--	--	--	5	--	--	--
B	2	--	1	4	7	--	--	--	7	--	--	--
A	--	3	3	6	11	1	--	--	11	1	--	--
TOTAL	4	5	5	10	23	1	--	--	23	1	--	--
SAN JOAQUIN:												
B	--	--	--	3	3	--	--	--	3	--	--	--
A	--	2	2	5	8	1	--	--	9	--	--	--
TOTAL	--	2	2	8	11	1	--	--	12	--	--	--
SOUTHERN	--	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS:												
D	4	2	1	--	7	--	--	--	7	--	--	--
C	5	1	--	--	5	1	--	--	6	--	--	--
B	8	2	1	9	19	1	--	--	28	--	--	--
A	10	16	10	20	49	7	--	--	50	6	--	--
TOTAL	27	21	12	29	80	9	--	--	83	6	--	--

See footnote at end of table.

Sawmills, California

Table 23--Dependency (%) of sawmills on timber by resource area, mill-size class, and owner, California, 1985 (continued)

RESOURCE AREA AND MILL-SIZE CLASS 1/	FOREST INDUSTRY															
	OTHER PUBLIC				OWN WOOD SWPLY								OTHER PRIVATE			
					OWN WOOD SWPLY				OTHER WOOD SUPPLY							
	00	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	--	--	--	1	--	--	1	1	--	--	1
C	3	1	--	--	4	--	--	--	3	--	--	1	1	--	--	3
B	7	--	--	--	4	--	--	3	4	--	2	1	3	1	2	1
A	20	--	--	--	2	4	3	11	11	6	2	1	11	8	1	--
TOTAL	32	1	--	--	12	4	3	14	19	6	4	4	16	9	3	5
CENTRAL COAST:																
C	1	--	--	--	--	1	--	--	1	--	--	--	--	--	--	1
B	1	--	--	--	1	--	--	--	1	--	--	--	--	--	--	1
TOTAL	2	--	--	--	1	1	--	--	2	--	--	--	--	--	--	2
NORTHERN INTERIOR:																
C	1	--	--	--	1	--	--	--	--	--	1	--	--	1	--	--
B	--	2	--	--	2	--	--	--	--	2	--	--	--	2	--	--
A	15	--	--	--	10	4	--	1	6	5	2	2	4	11	--	--
TOTAL	16	2	--	--	13	4	--	1	6	7	3	2	4	14	--	--
SACRAMENTO:																
D	5	--	--	--	4	--	--	1	3	--	2	--	1	1	1	2
B	7	--	--	--	3	1	1	2	6	1	--	--	4	3	--	--
A	12	--	--	--	4	4	2	2	5	7	--	--	6	6	--	--
TOTAL	24	--	--	--	11	5	3	5	14	8	2	--	11	10	1	2
SAN JOAQUIN:																
B	3	--	--	--	1	2	--	--	3	--	--	--	3	--	--	--
A	9	--	--	--	7	--	1	1	7	1	--	1	4	4	1	--
TOTAL	12	--	--	--	8	2	1	1	10	1	--	1	7	4	1	--
SOUTHERN																
ALL AREAS:																
D	7	--	--	--	6	--	--	1	4	--	2	1	2	1	1	3
C	5	1	--	--	5	1	--	--	4	--	1	1	1	1	--	4
B	18	2	--	--	11	3	1	5	14	3	2	1	10	6	2	2
A	56	--	--	--	23	12	6	15	29	19	4	4	25	29	2	--
TOTAL	86	3	--	--	45	16	7	21	51	22	9	7	38	37	5	9

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

Table 24--Log consumption by sawmills, by resource area, mill-size class, and species, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS 1/	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PINE	WNOEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HAROWCOOS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
MRTN COAST: 2/ C AND D 3/ B	8,275 25,581 329,058	27,785 130,218 583,197	350 9,654 33,087	-- -- 16,965	-- -- 24,440	-- -- --	1,157 -- 810	-- 1,371 3,033	-- -- --	37,567 166,824 990,590
TOTAL	362,914	741,200	43,091	16,965	24,440	--	1,967	4,404	--	1,194,981
CENTRAL COAST 2/ B, C, AND D 3/ A	-- 3,017 209,715	-- -- --	-- 11,457 85,593	-- 2,104 39,707	-- 51,755 197,469	-- 80 1,950	-- 2,024 34,100	-- -- 33,276	-- -- 159	-- 70,437 601,969
TOTAL	212,732	--	97,050	41,811	249,224	2,030	36,124	33,276	159	672,406
SACRAMENTO: D B A	308 22,169 100,785	-- -- --	912 86,123 206,585	20 25,126 90,471	348 59,964 165,747	-- -- --	554 17,565 14,303	60 -- --	3,031 -- --	5,233 210,947 577,891
TOTAL	123,262	--	293,620	115,617	226,059	--	32,422	60	3,031	794,071
SAN JOAQUIN: B, C, AND D 3/ A	-- 4,095	-- --	15,306 139,471	9,739 52,260	14,028 82,135	2,000 2,475	1,511 27,675	-- --	-- --	42,584 308,111
TOTAL	4,095	--	154,777	61,999	96,163	4,475	29,186	--	--	350,695
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS: D C B A	308 8,275 50,767 643,653	-- 27,785 130,218 583,197	912 350 122,540 464,736	20 -- 36,969 199,403	348 -- 125,747 469,791	-- -- 2,080 4,425	554 1,157 21,100 76,888	, 60 -- 1,371 36,309	3,031 -- -- 159	5,233 37,567 490,792 2,478,561
TOTAL	703,003	741,200	588,538	236,392	595,886	6,505	99,699	37,740	3,190	3,012.1 53

1/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.

2/2 mills from Central Coast combined with North Coast to avoid disclosure.

3/Combined to avoid disclosure.

Sawmills, California

Table 25--Log consumption by sawmills, by resource area, county of use, and species, California, 1995

RESOURCE AREA AND COUNTY OF USE	DOUGLAS-FIR	REDWOOD	TRUE FIRS	SUGAR PIKE	PONDEROSA PINE	LODGEPOLE PINE	INCENSE- CEDAR	OTHER SOFTWOODS	HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE										
NORTH COAST:										
DEL NORTE	2,113	98,116	--	--	--	--	--	--	--	100,229
HUMBOLDT	202,818	324,100	19,059	5,170	10,821	--	1,157	1,371	--	564,496
MENOCINO	141,394	268,821	23,049	11,795	13,619	--	810	3,033	--	462,521
SONOMA AND SANTA CRUZ ^{1/}	16,589	50,163	983	--	--	--	--	--	--	67,735
TOTAL	362,914	741,200	43,091	16,965	24,440	--	1,967	4,404	--	1,194,981
CENTRAL COAST:										
SANTA CRUZ ^{1/}	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:										
LASSEN AND MODOC ^{2/}	7,156	--	38,897	9,107	97,950	--	1,350	--	--	154,460
SHASTA	83,156	--	48,195	15,232	126,204	2,030	1,974	29,528	--	306,319
SIKIYOU	35,935	--	4,205	11,251	18,080	--	32,800	--	159	102,430
TRINITY	86,485	--	5,753	6,221	6,990	--	--	3,748	--	109,197
TOTAL	212,732	--	97,050	41,811	249,224	2,030	36,124	33,276	159	672,406
SACRAMENTO:										
BUTTE	16,210	--	22,718	7,200	21,610	--	875	--	3,031	71,644
EL ORADO AND PLACER ^{2/}	22,417	--	52,224	21,876	51,638	--	15,585	--	--	163,740
NEVADA	7,857	--	74,494	9,066	18,408	--	571	60	--	110,456
PLUMAS AND SIERRA ^{2/}	29,840	--	97,462	30,557	51,720	--	14,392	--	--	223,971
TEHAMA	26,120	--	24,208	36,878	65,865	--	--	--	--	153,071
YUBA AND GLENN ^{2/}	20,810	--	22,514	10,040	16,818	--	999	--	--	71,189
TOTAL	123,262	--	293,620	115,617	226,059	--	32,422	60	3,031	794,071
SAH JOAQUIN:										
FRESNO AND MADERA ^{2/}	--	--	52,206	25,639	19,653	2,000	4,586	--	--	104,084
KERN AND TULARE ^{2/}	--	--	65,018	10,800	25,328	2,475	4,425	--	--	108,046
TUOLUMNE AND AMADOR ^{2/}	4,095	--	37,553	25,560	51,182	--	20,175	--	--	138,565
TOTAL	4,095	--	154,777	61,999	96,163	4,475	29,186	--	--	350,695
SOUTHERN	--	--	--	--	--	--	--	--	--	--
ALL AREAS	703,003	741,200	588,538	236,392	595,886	6,505	99,699	37,740	3,190	3,012,153

^{1/}Santa Cruz County combined with Sonoma County to avoid disclosure.

^{2/}Combined to avoid disclosure.

Table 26--Production and disposition of wood and bark residue by sawmills, by resource area and mill-size class, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	HOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED <u>2/</u>	UNUSED	TOTAL	USED <u>2/</u>	UNUSED	TOTAL	USED <u>2/</u>	UNUSED	TOTAL
TONS, DRY EIGHT									
NORTH COAST: <u>3/</u>									
C AND D <u>4/</u>	54,568	--	54,568	16,515	--	16,515	71,083	--	71,083
8	233,100	5,639	238,739	61,342	11,488	72,830	294,442	17,127	311,569
A	1,433,376	15,741	1,449,117	414,170	6,710	420,880	1,847,546	22,451	1,869,997
TOTAL	1,721,044	21,380	1,742,424	492,027	18,198	510,225	2,213,071	39,578	2,252,649
CENTRAL COAST: <u>3/</u>	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:									
8, C, AND D <u>4/</u>	76,818	--	76,818	22,352	--	22,352	99,170	--	99,170
A	775,241	30,294	805,535	213,217	17,912	231,129	988,458	48,206	1,036,664
TOTAL	852,059	30,294	882,353	235,569	17,912	253,481	1,087,628	48,206	1,135,834
SACRAMENTO:									
0	4,281	181	4,462	1,109	514	1,623	5,390	695	6,085
8	227,317	3,332	230,649	68,622	--	68,622	295,939	3,332	299,271
A	725,058	--	725,058	202,602	3,992	206,594	927,660	3,992	931,652
TOTAL	956,656	3,513	960,169	272,333	4,506	276,839	1,228,989	8,019	1,237,008
SAN JOAQUIN:									
8, C, AND 0 <u>4/</u>	54,899	--	54,899	17,080	--	17,080	71,979	--	71,979
A	385,032	--	385,032	109,813	565	110,378	494,845	565	495,410
TOTAL	439,931	--	439,931	126,893	565	127,458	566,824	565	567,389
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS:									
0	4,281	181	4,462	1,109	514	1,623	5,390	695	6,085
C	54,568	--	54,568	16,515	--	16,515	71,083	--	71,083
8	592,134	8,971	601,105	169,396	11,488	180,884	761,530	20,459	781,989
A	3,318,707	46,035	3,364,742	939,802	29,179	968,981	4,258,509	75,214	4,333,723
TOTAL	3,969,690	55,187	4,024,877	1,126,822	41,181	1,168,003	5,096,512	96,368	5,192,880

1/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.

2/Residues are not necessarily used in the area in which they are produced.

3/2 mills from Central Coast combined with North Coast to avoid disclosure.

4/Combined to avoid disclosure.

Sawmills, California

Table 27--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1985

RESOURCE AREA AND MILL - SIZE CLASS <u>1/</u>	COARSE <u>3/</u>					UNUSED	TOTAL
	USED <u>2/</u>						
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTH COAST: <u>4/</u>							
C AND D <u>5/-</u>	3,908	6,285	16,372	11,272	37,837	--	37,837
B	135,587	--	--	25,863	161,450	3,830	165,280
A	433,293	173,588	275,165	21,617	903,863	13,393	917,256
TOTAL	572,788	179,873	291,537	58,952	1,103,150	17,223	1,120,373
CENTRAL COAST: <u>4/</u>	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
B, C, AND D <u>5/</u>	25,954	--	17,182	--	43,136	--	43,136
A	234,858	--	215,027	--	449,885	--	449,885
TOTAL	260,812	--	232,209	--	493,021	--	493,021
SACRAMENTO:							
D	454	--	2,264	122	2,840	181	3,021
B	84,970	5,745	40,648	--	131,363	3,201	134,564
A	171,320	6,908	217,931	2,033	398,192	--	398,192
TOTAL	256,744	12,653	260,043	2,155	532,395	3,382	535,777
SAN JOAQUIN:							
B, C, AND D <u>5/</u>	14,396	18,564	--	--	32,960	--	32,960
A	149,670	15,650	50,700	--	216,020	--	216,020
TOTAL	164,066	34,214	50,700	--	246,980	--	248,980
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	454	--	2,264	122	2,840	181	3,021
C	3,908	6,285	16,372	11,272	37,837	--	37,837
B	260,907	24,309	57,830	25,863	368,909	7,031	375,940
A	989,141	196,146	758,823	23,850	1,967,960	13,393	1,981,353
TOTAL	1,254,410	226,740	835,289	61,007	2,377,546	20,605	2,398,151

See footnotes at end of table.

Table 27--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1985 (continued)

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	SHAVINGS						
	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST: <u>4/</u> C AND D <u>5/</u> B A	-- -- 176	-- 11,169 79,893	17 2,213 63,101	3,670 1,173 32,596	3,687 14,555 175,766	-- 591 --	3,687 15,146 175,766
TOTAL	176	91,062	65,331	37,439	194,008	591	194,599
CENTRAL COAST: <u>4/</u>	--	--	--	--	--	--	--
NORTHERN INTERIOR: B, C, AND D <u>5/</u> A	-- 22,032	6,983 35,215	4,974 62,964	-- --	11,957 120,211	-- 12,759	11,957 132,970
TOTAL	22,032	42,198	67,938	--	132,168	12,759	144,927
SACRAMENTO: D B A	-- 6,252 1,001	-- 7,660 45,331	191 12,173 70,801	8 4,386 8,700	199 30,471 125,833	-- -- --	199 30,471 125,833
TOTAL	7,253	52,991	83,165	13,094	156,503	--	156,503
SAN JOAQUIN: B, C, AND D <u>5/</u> A	-- 7,689	1,726 21,345	-- 3,692	3,612 30,530	5,338 63,256	-- --	5,338 63,256
TOTAL	7,689	23,071	3,692	34,142	68,594	--	68,594
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS: D C B A	-- -- 6,252 30,898	-- -- 27,538 131,784	191 17 19,360 200,558	8 3,670 9,171 71,826	199 3,687 62,321 485,066	-- -- 591 12,759	199 3,687 62,912 497,825
TOTAL	37,150	209,322	220,126	84,675	551,273	13,350	564,623

See footnotes at end of table.

Sawmills, California

Table 27--Production and disposition of wood residue by sawmills, by resource area, mill-size class, type of residue, and use, California, 1985 (continued)

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	SAHDUST						
	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TOILS, DRY HEIGHT</u>							
NORTH COAST: <u>4/</u> C AND D <u>5/</u> B	--	1,260	5,194	6,590	13,044	--	13,044
A	--	6,153	36,642	14,300	57,095	1,218	58,313
	12,939	115,947	185,397	39,464	353,747	2,348	356,095
TOTAL	12,939	123,360	227,233	60,354	423,886	3,566	427,452
CENTRAL COAST: <u>4/</u>	--	--	--	--	--	--	--
NORTHERN INTERIOR: B, C, AND D <u>5/</u> A	--	--	21,725	--	21,725	--	21,725
	--	6,965	198,180	--	205,145	17,535	222,680
TOTAL	--	6,965	219,905	--	226,870	17,535	244,405
SACRAMENTO: D	--	--	838	404	1,242	--	1,242
E	--	9,989	47,608	7,886	65,403	131	65,614
A	1,763	5,827	180,781	12,662	201,033	--	201,033
TOTAL	1,763	15,816	229,227	20,952	267,758	131	267,889
SAN JOAQUIN: B, C, AND D <u>5/</u> A	--	--	10,760	5,841	16,601	--	16,601
	11,770	13,909	60,197	19,880	105,756	--	105,756
TOTAL	11,770	13,909	70,957	25,721	122,357	--	122,357
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS: D	--	--	838	404	1,242	--	1,242
C	--	1,260	5,194	6,590	13,044	--	13,044
B	--	16,142	116,735	28,027	160,904	1,349	162,253
A	26,472	142,648	624,555	72,006	865,681	19,883	885,564
TOTAL	26,472	160,050	747,322	107,027	1,040,871	21,232	1,062,103

See footnotes at end of table.

Table 27--Production and disposition of wood residue by sawinmills, by resource area, mill-size class, type of residue, and use, California, 1985 (continued)

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	ALL TYPES OF WOOD RESIDUE						UNUSED	TOTAL
	USED <u>2/</u>							
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL			
	TONS, DRY WEIGHT							
NORTH COAST: <u>4/</u> C AND D <u>5/</u>	3,908	7,545	21,583	21,532	54,568	--	54,568	
B	135,587	17,322	38,855	41,336	233,100	5,639	238,739	
A	446,408	369,428	523,663	93,877	1,433,376	15,741	1,449,117	
TOTAL	585,903	394,295	584,101	156,745	1,721,044	21,380	1,742,424	
CENTRAL COAST: <u>4/</u>	--	--	--	--	--	--	--	
NORTHERN INTERIOR: B, C, AND D <u>5/</u>	25,954	6,983	43,881	--	76,818	--	76,818	
A	256,890	42,180	476,171	--	775,241	30,294	805,535	
TOTAL	282,844	49,163	520,052	--	852,059	30,294	882,353	
SACRAMENTO: D	454	--	3,293	534	4,281	181	4,462	
B	91,222	23,394	100,429	12,272	227,317	3,332	230,649	
A	174,084	58,066	469,513	23,395	725,058	--	725,058	
TOTAL	265,760	81,460	573,235	36,201	956,656	3,513	960,169	
SAN JOAQUIN: B, C, AND D <u>5/</u>	14,396	20,290	10,760	9,453	54,899	--	54,899	
A	169,129	50,904	114,589	50,410	385,032	--	385,032	
TOTAL	183,525	71,194	125,349	59,863	439,931	--	439,931	
SOUTHERN	--	--	--	--	--	--	--	
ALL AREAS: D	454	--	3,293	534	4,281	181	4,462	
C	3,908	7,545	21,583	21,532	54,568	--	54,568	
B	267,159	67,989	193,925	63,061	592,134	8,971	601,105	
A	1,046,511	520,578	1,583,936	167,682	3,318,707	46,035	3,364,742	
TOTAL	1,318,032	596,112	1,802,737	252,809	3,969,690	55,187	4,024,877	

1/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.

2/Residues are not necessarily used in the area in which they are produced.

3/Includes slabs, edgings, trim, and spur ends.

4/2 mills from Central Coast combined with North Coast to avoid disclosure.

Sawmills, California

Table 28--Production and disposition of bark residue by sawmills, by resource area, mill-size class, and use, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	USED <u>2/</u>					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TOILS, DRY WEIGHT</u>							
NORTH COAST: <u>3/</u>							
C AND D <u>4/</u>	--	--	9,840	6,675	16,515	--	16,515
B	2,073	--	54,780	4,489	61,342	11,488	72,830
A	--	8,316	383,518	22,336	414,170	6,710	420,880
TOTAL	2,073	8,316	448,138	33,500	492,027	18,198	510,225
CENTRAL COAST: <u>3/</u>	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
B, C, AND D <u>4/</u>	--	--	22,352	--	22,352	--	22,352
A	--	--	210,721	2,496	213,217	17,912	231,129
TOTAL	--	--	233,073	2,496	235,569	17,912	253,481
SACRAMENTO:							
D	--	--	550	559	1,109	514	1,623
B	--	--	31,971	36,651	68,622	--	68,622
A	1,801	--	175,299	25,502	202,602	3,992	206,594
TOTAL	1,801	--	207,820	62,712	272,333	4,506	276,839
SAN JOAQUIN:							
B, C, AND D <u>4/</u>	--	9,690	--	7,390	17,080	--	17,080
A	--	--	29,540	80,273	109,813	565	110,378
TOTAL	--	9,690	29,540	87,663	126,893	565	127,458
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS:							
D	--	--	550	559	1,109	514	1,623
C	--	--	9,840	6,675	16,515	--	16,515
B	2,073	9,690	109,103	48,530	169,396	11,488	180,084
A	1,801	8,316	799,078	130,607	939,802	29,179	968,981
TOTAL	3,874	18,006	918,571	186,371	1,126,822	41,181	1,168,003

1/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.

2/Residues are not necessarily used in the area in which they are produced.

3/2 mills from Central Coast combined with North Coast to avoid disclosure.

4/Combined to avoid disclosure.

Table 29--Production and disposition of wood and bark residue by sawmills, by resource area and county, California, 1985

RESOURCE AREA AND COUNTY	11000 RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED <u>1/</u>	UNUSED	TOTAL	USED <u>1/</u>	UNUSED	TOTAL	USED <u>1/</u>	UNUSED	TOTAL
TONS, DRY WEIGHT									
NORTH COAST:									
DEL NORTE	110,357	5,048	115,405	32,219	4,048	36,267	142,576	9,096	151,672
HUMBOLDT	801,370	10,462	811,832	224,864	9,408	234,272	1,026,234	19,870	1,046,104
MENDOCINO	710,233	5,870	716,103	205,891	4,742	210,633	916,124	10,612	926,736
SONOMA AND SANTA CRUZ <u>2/</u>	99,084	--	99,084	29,053	--	29,053	128,137	--	128,137
TOTAL	1,721,044	21,380	1,742,424	492,027	18,198	510,225	2,213,071	39,578	2,252,649
CENTRAL COAST:									
SANTA CRUZ <u>2/</u>	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR:									
LASSEN AND MODOC <u>3/</u>	178,440	--	178,440	51,418	--	51,418	229,858	--	229,858
SHASTA	388,778	--	388,778	110,492	--	110,492	499,270	--	499,270
SISKIYOU	137,778	--	137,778	40,911	--	40,911	178,689	--	178,689
TRINITY	147,063	30,294	177,357	32,748	17,912	50,660	179,811	48,206	228,017
TOTAL	852,059	30,294	882,353	235,569	17,912	253,481	1,087,628	48,206	1,135,834
SACRAMENTO:									
BUTTE	90,786	181	90,967	21,808	4,506	26,314	112,594	4,687	117,281
EL DORADO AND PLACER <u>3/</u>	199,128	--	199,128	56,853	--	56,853	255,981	--	255,981
NEVADA	116,116	--	116,116	35,295	--	35,295	151,411	--	151,411
PLUMAS AND SIERRA <u>3/</u>	273,614	--	273,614	79,048	--	79,048	352,662	--	352,662
TEHAMA	187,136	3,332	190,468	53,605	--	53,605	240,741	3,332	244,073
YUBA AND GLENN <u>3/</u>	89,876	--	89,876	25,724	--	25,724	115,600	--	115,600
TOTAL	956,656	3,513	960,169	272,333	4,506	276,839	1,228,989	8,019	1,237,008
SAN JOAQUIN:									
FRESNO AND MADERA <u>3/</u>	136,250	--	136,250	39,197	--	39,197	176,047	--	176,047
KERN AND TULARE <u>3/</u>	151,633	--	151,633	42,899	--	42,899	194,532	--	194,532
TUOLUMNE AND AMADOR <u>3/</u>	152,048	--	152,048	44,197	565	44,762	196,245	565	196,810
TOTAL	439,931	--	439,931	126,893	565	127,458	566,824	565	567,389
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	3,969,690	55,187	4,024,877	1,126,822	41,181	1,168,003	5,096,512	96,368	5,192,880

1/Residues are not necessarily used in the area or county in which they are produced.2/Santa Cruz County combined with Sonoma County to avoid disclosure.3/Combined to avoid disclosure.

Sawmills, California

Table 30--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1985

RESOURCE AREA AND COUNTY	COARSE <u>1/</u>						
	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST:							
DEL NORTE	26,585	--	39,816	15,322	81,723	3,830	85,553
HUMBOLDT	361,683	--	139,666	--	501,349	7,950	509,299
MENDOCINO	180,612	139,890	112,055	21,817	454,374	5,443	459,817
SONOMA AND SANTA CRUZ <u>3/</u>	3,908	39,983	--	21,813	65,704	--	65,704
TOTAL	572,788	179,873	291,537	58,952	1,103,150	17,223	1,120,373
CENTRAL COAST:							
SANTA CRUZ <u>3/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC <u>4/</u>	--	--	98,718	--	98,718	--	98,718
SHASTA	159,632	--	52,431	--	212,063	--	212,063
SISKIYOU	66,864	--	18,321	--	85,185	--	85,185
TRINITY	34,316	--	62,739	--	97,055	--	97,055
TOTAL	260,812	--	232,209	--	493,021	--	493,021
SACRAMENTO:							
BUTTE	38,789	--	11,423	--	50,212	181	50,393
EL DORADO AND PLACER <u>4/</u>	83,033	6,508	19,924	2,033	111,498	--	111,498
NEVADA	41,443	5,105	21,021	122	67,691	--	67,691
PLUMAS AND SIERRA <u>4/</u>	65,842	--	88,196	--	154,038	--	154,038
TEHAMA	11,803	1,040	86,652	--	99,495	3,201	102,696
YUBA AND GLENN <u>4/</u>	15,834	--	33,627	--	49,461	--	49,461
TOTAL	256,744	12,653	260,843	2,155	532,395	3,382	535,777
SAN JOAQUIN:							
FRESNO AND HADERA <u>4/</u>	58,459	18,564	--	--	77,023	--	77,023
KERN AND TULARE <u>4/</u>	52,561	--	30,484	--	83,045	--	83,045
TUOLUMNE AND AMADOR <u>4/</u>	53,046	15,650	20,216	--	88,912	--	88,912
TOTAL	164,066	34,214	50,700	--	248,980	--	248,980
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	1,254,410	226,740	835,289	61,107	2,377,546	20,605	2,398,151

See footnotes at end of table.

Table 30--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1985 (continued)

RESOURCE AREA AND COUNTY	SHAVINGS						
	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY HEIGHT							
NORTH COAST:							
DEL NORTE	--	2,122	329	--	2,451	--	2,451
HUMBOLDT	--	51,546	51,546	--	103,092	591	103,683
MENDOCINO	176	32,339	13,456	32,493	78,464	--	78,464
SONOMA AND SANTA CRUZ <u>3/</u>	--	5,055	--	4,946	10,001	--	10,001
TOTAL	176	91,062	65,331	37,439	194,008	591	194,599
CENTRAL COAST:							
SANTA CRUZ <u>3/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC <u>4/</u>	--	--	29,493	--	29,493	--	29,493
SHASTA	22,032	26,240	20,468	--	68,740	--	68,740
SISKIYOU	--	9,868	6,118	--	15,986	--	15,986
TRINITY	--	6,090	11,859	--	17,949	12,759	30,708
TOTAL	22,032	42,198	67,938	--	732,168	12,759	744,927
SACRAMENTO:							
BUTTE	--	2,835	10,196	2,163	15,194	--	15,194
EL DORADO AND PLACER <u>4/</u>	--	24,575	4,313	4,386	33,274	--	33,274
NEVADA	6,252	7,660	--	--	13,912	--	13,912
PLUMAS AND SIERRA <u>4/</u>	7,001	14,707	27,796	--	43,504	--	43,504
TEHAMA	--	3,214	32,081	--	35,295	--	35,295
YUBA AND GLENN <u>4/</u>	--	--	8,779	6,545	15,324	--	15,324
TOTAL	7,253	52,991	83,165	13,094	156,503	--	156,503
SAN JOAQUIN:							
FRESNO AND MADERA <u>4/</u>	--	9,632	--	11,028	20,660	--	20,660
KERN AND TULARE <u>4/</u>	7,689	--	3,290	16,046	27,025	--	27,025
TOULUMWE AND AMADOR <u>4/</u>	--	13,439	402	7,068	20,909	--	20,909
TOTAL	7,689	23,071	3,692	34,142	68,594	--	68,594
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	37,150	209,322	220,126	84,675	551,273	13,350	564,623

See footnotes at end of table.

Sawmills, California

Table 30--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1985 (continued)

RESOURCE AREA AND COUNTY	SAWDUST						
	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTH COAST: DEL NORTE	--	--	26,183	--	26,183	1,218	27,401
HUMBOLDT	12,939	43,395	140,595	--	196,929	1,921	198,850
MENDOCINO	--	66,833	60,455	50,107	177,395	427	177,822
SONOMA AND SANTA CRUZ <u>3/</u>	--	13,132	--	10,247	23,379	--	23,379
TOTAL	12,939	123,360	227,233	60,354	423,886	3,566	427,452
CENTRAL COAST: SANTA CRUZ <u>3/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR: LASSEN AND MONOC <u>4/</u>	--	--	50,229	--	50,229	--	50,229
SHASTA	--	--	107,975	--	107,975	--	107,975
SISKIYOU	--	6,965	29,642	--	36,607	--	36,607
TRINITY	--	--	32,059	--	32,059	17,535	49,594
TOTAL	--	6,965	219,905	--	226,870	17,535	244,405
SACRAMENTO: BUTTE	--	--	25,352	28	25,380	--	25,380
EL DORADO AND PLACER <u>4/</u>	--	--	33,808	20,548	54,356	--	54,356
NEVADA	--	9,989	24,473	51	34,513	--	34,513
PLUMAS AND SIERRA <u>4/</u>	1,763	--	74,309	--	76,072	--	76,072
TEHAMA	--	5,827	46,519	--	52,346	131	52,477
YUBA AND GLENN <u>4/</u>	--	--	24,766	325	25,091	--	25,091
TOTAL	1,763	15,816	229,227	20,952	267,758	131	267,889
SAN JOAQUIN: FRESNO AND MADERA <u>4/</u>	--	9,173	14,380	15,014	38,567	--	38,567
KERN AND TULARE <u>4/</u>	11,770	--	21,946	7,847	41,563	--	41,563
TUOLUMNE AND AMADOR <u>4/</u>	--	4,736	34,631	2,860	42,227	--	42,227
TOTAL	11,770	13,909	70,957	25,721	122,357	--	122,357
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	26,472	160,050	747,322	107,027	1,040,871	21,232	1,062,103

See footnotes at end of table.

Table 30--Production and disposition of wood residue by sawmills, by resource area, county, type of residue, and use, California, 1985 (continued)

	ALL TYPES OF WOOD RESIDUE						
RESOURCE AREA AND COUNTY	USED <u>2/</u>					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	<u>TONS, DRY WEIGHT</u>						
NORTH COAST:							
DEL NORTE	26,585	2,122	66,328	15,322	110,357	5,048	115,405
HUMBOLDT	374,622	94,941	331,807	--	801,370	10,462	811,832
MENDOCINO	180,788	239,062	185,966	104,417	710,233	5,870	716,103
SONOMA AND SANTA CRUZ <u>3/</u>	3,908	58,170	--	37,006	99,084	--	99,084
TOTAL	585,903	394,295	584,101	156,745	1,721,044	21,380	1,742,424
CENTRAL COAST:							
SANTA CRUZ <u>3/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC <u>4/</u>	--	--	178,440	--	178,440	--	178,440
SHASTA	181,664	26,240	180,874	--	388,778	--	388,778
SISKIYOU	66,864	16,833	54,081	--	137,778	--	137,778
TRINITY	34,316	6,090	106,657	--	147,063	30,294	177,357
TOTAL	282,844	49,163	520,052	--	852,059	30,294	882,353
SACRAMENTO:							
BUTTE	38,789	2,835	46,971	2,191	90,766	181	90,967
EL DORADO AND PLACER <u>4/</u>	83,033	31,083	58,045	26,967	199,128	--	199,128
NEVADA	47,695	22,754	45,494	173	116,116	--	116,116
PLUMAS AND SIERRA <u>4/</u>	68,606	14,707	190,301	--	273,614	--	273,614
TEHAMA	11,803	10,081	165,252	--	187,136	3,332	190,468
YUBA AND GLENN <u>4/</u>	15,834	--	67,172	6,870	89,876	--	89,876
TOTAL	265,760	81,460	573,235	36,201	956,656	3,513	960,169
SAN JOAQUIN:							
FRESNO AND MADERA <u>4/</u>	58,459	37,369	14,380	26,042	136,250	--	136,250
KERN AND TULAKE <u>4/</u>	72,020	--	55,720	23,893	151,633	--	151,633
TUOLUMNE AND AMADOR <u>4/</u>	53,046	33,825	55,249	9,928	152,048	--	152,048
TOTAL	183,525	71,194	125,349	59,863	439,931	--	439,931
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	1,316,032	596,112	1,802,737	252,809	3,969,690	55,187	4,024,877

^{1/}Coarse residue includes slabs, edgings, trim, and spur ends.

^{2/}Residues are not necessarily used in the area or county in which they are produced.

^{3/}Santa Cruz County combined with Sonoma County to avoid disclosure.

^{4/}Combined to avoid disclosure.

Sawmills, California

Table 31--Production and disposition of bark residue by sawmills, by resource area, county, and use, California, 1985

RESOURCE AREA AND COUNTY	USED <u>1/</u>					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS. DRY WEIGHT							
NORTH COAST:							
DEL NORTE	--	--	32,219	--	32,219	4,048	36,267
HUMBOLDT	2,073	--	222,791	--	224,864	9,408	234,272
MENDOCINO	--	8,316	175,538	22,037	205,891	4,742	210,633
SONOMA AND SANTA CRUZ <u>2/</u>	--	--	17,590	11,463	29,053	--	29,053
TOTAL	2,073	8,316	448,138	33,500	492,027	18,198	510,225
CENTRAL COAST:							
SANTA CRUZ <u>2/</u>	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
LASSEN AND MODOC <u>3/</u>	--	--	51,418	--	51,418	--	51,418
SHASTA	--	--	109,906	586	110,492	--	110,492
SISKIYOU	--	--	39,001	1,910	40,911	--	40,911
TRINITY	--	--	32,748	--	32,748	17,912	50,660
TOTAL	--	--	233,073	2,496	235,569	17,912	253,481
SACRAMENTO:							
BUTTE	--	--	21,648	160	21,808	4,506	26,314
EL DORADO AND PLACER <u>3/</u>	--	--	22,989	33,864	56,853	--	56,853
NEVADA	--	--	13,631	21,664	35,295	--	35,295
PLUMAS AND SIERRA <u>3/</u>	1,801	--	77,247	--	79,048	--	79,048
TEHAMA	--	--	46,922	6,683	53,605	--	53,605
YUBA AND GLENN <u>3/</u>	--	--	25,383	341	25,724	--	25,724
TOTAL	1,801	--	207,820	62,712	272,333	4,506	276,839
SAN JOAQUIN:							
FRESNO AND MADERA <u>3/</u>	--	9,690	--	30,107	39,797	--	39,797
KERN AND TULARE <u>3/</u>	--	--	7,909	34,990	42,899	--	42,899
TUOLUMNE AND AMADOR <u>3/</u>	--	--	21,631	22,566	44,197	565	44,762
TOTAL	--	9,690	29,540	87,663	126,893	565	127,458
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	3,874	18,006	918,571	186,371	1,126,822	41,181	1,168,003

^{1/}Residues are not necessarily used in the area or county in which they are produced.

^{2/}Santa Cruz County combined with Sonoma County to avoid disclosure.

^{3/}Combined to avoid disclosure.

Table 32--Lumber production by sawmills, by resource area, mill-size class, and degree of manufacture, California, 1985

RESOURCE AREA AND MILL-SIZE CLASS <u>1/</u>	GREEN	KILN-DRIED	AIR-DRIED	TOTAL <u>2/</u>	ROUGH	SURFACED
THOUSAND BOARD FEET, LUMBER TALLY						
NORTH COAST: <u>3/</u>						
C AND D <u>4/</u>	55,056	--	500	55,556	33,906	21,650
B	194,281	8,100	43,210	245,591	153,646	91,945
A	1,136,049	240,331	57,531	1,433,911	442,463	991,448
TOTAL	1,385,386	248,431	101,241	1,735,058	630,015	1,105,043
CENTRAL COAST: <u>3/</u>	--	--	--	--	--	--
NORTHERN INTERIOR:						
B, C, AND D <u>4/</u>	10,532	61,579	6,200	78,311	19,031	59,280
A	310,619	407,315	90,460	808,394	148,034	660,360
TOTAL	321,151	468,894	96,660	886,705	167,065	719,640
SACRAHENTO:						
O	4,116	907	60	5,083	4,141	942
B	81,221	151,919	6,441	239,581	87,035	152,546
A	141,579	560,586	21,799	723,964	100,431	623,533
TOTAL	226,916	713,412	28,300	968,628	191,607	777,621
SAN JOAQUIN:						
B, C, AND O <u>4/</u>	29,336	17,970	12,534	59,840	33,252	26,588
A	136,529	215,632	33,370	385,531	71,537	313,994
TOTAL	165,865	233,602	45,904	445,371	104,789	340,582
SOUTHERN	--	--	--	--	--	--
ALL AREAS:						
D	4,116	907	60	5,063	4,141	942
C	55,056	--	500	55,556	33,906	21,650
B	315,370	239,568	68,385	623,323	292,964	330,359
A	1,724,776	1,423,864	203,160	3,351,800	762,465	2,589,335
TOTAL	2,099,318	1,664,339	272,105	4,035,762	1,093,476	2,942,286

1/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.

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

3/2 mills from Central Coast combined with North Coast to avoid disclosure.

4/Combined to avoid disclosure.

Sawmills, California

Table 33--Lumber production by sawmills, by resource area, mill-size class, and type of headrig, California, 1985

RESOURCE AREA AND MILL - SIZE CLASS <u>1/</u>	CIRCULAR SAW	BAND SAW	GANG SAW	CHIPPING SAW	SCRAGG DOUBLE-CUT SAW	ALL TYPES
THOUSAND BOARD FEET, LUMBER TALLY						
NORTH COAST: <u>2/</u>						
C AND D <u>3/</u>	2,500	53,056	--	--	--	55,556
B	--	224,442	--	--	21,149	245,591
A	--	1,340,509	--	93,402	--	1,433,911
TOTAL	2,500	1,618,007	--	93,402	21,149	1,735,058
CENTRAL COAST <u>2/</u>	--	--	--	--	--	--
NORTHERN INTERIOR:						
B, C, AND D <u>3/</u>	3,600	69,311	--	--	5,400	78,311
A	--	808,394	--	--	--	808,394
TOTAL	3,600	877,705	--	--	5,400	886,705
SACRAMENTO:						
D	2,059	3,024	--	--	--	5,083
B	--	239,581	--	--	--	239,581
A	--	606,534	59,584	57,846	--	723,964
TOTAL	2,059	849,139	59,584	57,846	--	968,628
SAN JOAQUIN:						
B, C, AND D <u>3/</u>	--	59,840	--	--	--	59,840
A	23,000	362,531	--	--	--	385,531
TOTAL	23,000	422,371	--	--	--	445,371
SOUTHERN	--	--	--	--	--	--
ALL AREAS:						
D	2,059	3,024	--	--	--	5,083
C	2,500	53,056	--	--	--	55,556
B	3,600	593,174	--	--	26,549	623,323
A	23,000	3,117,968	59,584	151,248	--	3,351,800
TOTAL	31,159	3,767,222	59,584	151,248	26,549	4,035,762

1/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.

2/2 mills from Central Coast combined with North Coast to avoid disclosure.

3/Combined to avoid disclosure.

Table 34--Lumber production by sawmills, by resource area, county, and type of headrig, California, 1985

RESOURCE AREA AND COUNTY	CIRCULAR SAW	BAND SAW	GANG SAW	CHIPPING SAW	SC RAGG DOUBLE-CUT SAW	ALL TYPES
THOUSAND BOARD FEET, LUMBER TALLY						
NORTH COAST:						
DEL NORTE	--	121,042	--	--	--	121,042
HUMBOLDT	500	798,138	--	--	--	798,638
MENDOCINO	--	602,763	--	93,402	21,149	717,314
SONOMA AND SANTA CRUZ <u>1/</u>	2,000	96,064	--	--	--	98,064
TOTAL	2,500	1,618,007	--	93,402	21,149	1,735,058
CENTRAL COAST:						
SANTA CRUZ <u>1/</u>	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--
NORTHERN INTERIOR:						
LASSEN AND MODOC <u>2/</u>	--	180,333	--	--	--	180,333
SHASTA	3,600	378,548	--	--	5,400	387,548
SISKIYOU	--	141,067	--	--	--	141,067
TRINITY	--	177,757	--	--	--	177,757
TOTAL	3,600	877,705	--	--	5,400	886,705
SACRAMENTO:						
BUTTE	670	63,024	28,000	--	--	91,694
EL DORADO AND PLACER <u>2/</u>	--	109,059	31,584	57,846	--	198,489
NEVADA	200	123,612	--	--	--	123,812
PLUMAS AND SIERRA <u>2/</u>	--	276,355	--	--	--	276,355
TEHAMA	--	188,089	--	--	--	188,089
YUBA AND GLENN <u>2/</u>	1,189	89,000	--	--	--	90,189
TOTAL	2,059	849,139	59,584	57,846	--	968,628
SAN JOAQUIN:						
FRESNO AND MADERA <u>2/</u>	--	139,340	--	--	--	139,340
KERN AND TULARE <u>2/</u>	--	150,192	--	--	--	150,192
TUOLUMNE AND AMADOR <u>2/</u>	23,000	132,839	--	--	--	155,839
TOTAL	23,000	422,371	--	--	--	445,371
SOUTHERN	--	--	--	--	--	--
ALL AREAS	31,159	3,767,222	59,584	151,248	26,549	4,035,762

1/Santa Cruz County combined with Sonoma County to avoid disclosure.

2/Combined to avoid disclosure.

**Pulp and Board Industry
Tables (35-42)**

Table 35--Number of pulpmills and board mills by resource area, county, and type of operation, California, 1985

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	--	2	--	--	--	1	--	3
MENDOCINO	--	--	--	--	1	--	--	1
TOTAL	--	2	--	--	1	2	--	5
CENTRAL COAST:								
CONTRA COSTA	--	1	--	--	--	--	--	1
TOTAL	--	1	--	--	--	--	--	1
EASTERN INTERIOR:								
SHASTA	--	1	--	--	--	--	--	1
TOTAL	--	1	--	--	--	--	--	1
SACRAMENTO:								
BUTTE	--	--	--	--	1	--	--	1
PLACER	--	--	--	--	--	1	--	1
PLUMAS	--	--	--	--	--	1	--	1
TOTAL	--	--	--	--	1	2	--	3
SAN JOAQUIN:								
AMADOR	--	--	--	--	--	1	--	1
TOTAL	--	--	--	--	--	1	--	1
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	--	4	--	--	2	5	--	11

Table 36--Installed capacity of pulpmills and board mills by resource area, county, and type of operation. California, 1985

RESOURCE AREA AND COUNTY	PULPWILL				BOARD MILL		
	SULFITE	SULFATE	GROUNDWOOD	SEMICHEMICAL	HARDBOARD	PARTICLE BOARD	INSULATION 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	--	1,148	--	--	--	100	--
MENOCINO	--	--	--	--	430	--	--
TOTAL	--	1,148	--	--	430	130	--
CENTRAL COAST:							
CONTRA COSTA	--	800	--	--	--	--	--
TOTAL	--	800	--	--	--	--	--
NORTHERN INTERIOR:							
SHASTA	--	240	--	--	--	--	--
TOTAL	--	240	--	--	--	--	--
SACRAMENTO:							
BUTTE	--	--	--	--	164	--	--
PLACER	--	--	--	--	--	70	--
PLUMAS	--	--	--	--	--	30	--
TOTAL	--	--	--	--	164	100	--
SAN JOAQUIN:							
AMADOR	--	--	--	--	--	120	--
TOTAL	--	--	--	--	--	120	--
SOUTHERN	--	--	--	--	--	--	--
ALL AREAS	--	2,188	--	--	594	350	--

Pulp and Board, California

Table 37--Number of pulpmills and board mills by resource area, type of mill, years at present site, and tenure of present owner, California, 1985

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

Table 38--Average number of operating days per year of pulpmills and board mills by resource area, California, 1985

RESOURCE AREA	PULPMILL	BOARD MILL
NORTH COAST	280	304
CENTRAL COAST	350	--
NORTHERN INTERIOR	345	--
SACRAMENTO	--	249
SAN JOAQUIN	--	288
SOUTHERN	--	--
ALL AREAS	314	278

Table 39--Wood consumption by pulpmills and board mills, by resource area and type of material, California, 1985

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 AND NORTHERN INTERIOR <u>1/</u>	16,900	9,100	26,000	1,004,118	57,580	123,280	72,500	--	1,257,478
SACRAMENTO, CENTRAL COAST, AND SAN JOAQUIN <u>1/</u>	--	--	--	308,619	49,289	1,106	262,886	--	621,900
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	16,900	9,100	26,000	1,312,737	106,869	124,386	335,386	--	1,879,378

1/Combined to avoid disclosure.

Table 40--Log consumption by pulpmills and board mills, by resource area and age group of timber, California, 1985

RESOURCE AREA	OLD GROWTH (100 YEARS AND OLDER)	YOUNG GROWTH (LESS THAN 100 YEARS)	ALL AGE GROUPS
	THOUSAND BOARD FEET, SCRIBNER LOG RULE		
NORTH COAST AND NORTHERN INTERIOR 1/	25,480	520	26,000
SACRAMENTO, CENTRAL COAST AND SAN JOAQUIN 1/	--	--	--
SOUTHERN	--	--	--
ALL AREAS	25,480	520	26,000

1/Combined to avoid disclosure.

Pulp and Board, California

Table 41--Log consumption by pulpmills and board mills, by resource area and owner, California, 1985

RESOURCE AREA	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTH COAST AND NORTHERN INTERIOR 1/	--	--	--	--	13,000	--	13,000	26,000
SACRAMENTO, CENTRAL COAST, AND SAN JOAQUIN 1/	--	--	--	--	--	--	--	--
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	--	--	--	--	13,000	--	13,000	26,000

1/Combined to avoid disclosure.

Table 42--Pulpmill and board mill consumption of mill residue and chips from other sources, by resource area, type of material, and State of origin, California, 1985

RESOURCE AREA AND TYPE OF MATERIAL	CALIFORNIA	OREGON	TOTAL
TONS, DRY WEIGHT			
NORTH COAST AND NORTHERN INTERIOR: 1/ CHIP RESIDUE	1,004,118	--	1,004,118
CHIPS, OTHER RESOURCES	55,580	2,000	57,580
SAWDUST AND SHAVINGS	169,428	26,352	195,780
TOTAL	1,229,126	28,352	1,257,478
SACRAMENTO, CENTRAL COAST, AND SAN JOAQUIN: 1/ CHIP RESIDUE	308,619	--	308,619
CHIPS, OTHER RESOURCES	49,289	--	49,289
SAWDUST AND SHAVINGS	263,992	--	263,992
TOTAL	621,900	--	621,900
SOUTHERN	--	--	--
ALL AREAS: CHIP RESIDUE	1,312,737	--	1,312,737
CHIPS, OTHER SOURCES	104,869	2,000	106,869
SAWDUST AND SHAVINGS	433,420	26,352	459,772
TOTAL	1,851,026	28,352	1,879,378

1/ Combined to avoid disclosure.

Other Industries
(Tables 43-55)

Table 43--Number of "other industry" mills by resource area, county, and type of industry, California, 1985

RESOURCE AREA AND COUNTY	VENEER MILL	LAYUP MILL	VENEER AND LAYUP MILL	SHAKE AND SHINGLE	EXPORT	POST, POLE, AND PILING	ALL TYPES
NORTH COAST:							
HUMBOLDT	--	--	--	1	3	--	4
MENDOCINO	--	--	--	2	--	--	2
TOTAL	--	--	--	3	3	--	6
CENTRAL COAST	--	--	--	--	--	--	--
NORTHERN INTERIOR:							
SHASTA	--	--	--	--	--	1	1
SISKIYOU	2	--	--	--	--	1	3
TOTAL	2	--	--	--	--	2	4
SACRAMENTO:							
BUTTE	--	--	--	--	--	1	1
EL DORADO	1	--	--	--	--	1	2
SACRAMENTO	--	--	--	--	2	--	2
TEHAMA	--	--	1	--	--	--	1
TOTAL	1	--	1	--	2	2	6
SAN JOAQUIN:							
AMADOR	--	--	1	--	--	--	1
SAN JOAQUIN	--	--	--	--	--	1	1
TUOLUMNE	--	--	1	--	--	--	1
TOTAL	--	--	2	--	--	1	3
SOUTHERN:							
LOS ANGELES	--	--	--	--	--	1	1
TOTAL	--	--	--	--	--	1	1
ALL AREAS	3	--	3	3	5	6	20

Other Industries, California

Table 44--Installed capacity of "other industry" mills by resource area, county, and type of industry, California, 1985

RESOURCE AREA AND COUNTY	VENEER MILL	LAYUP MILL	VENEER AND LAYUP MILL		SHAKE AND SHINGLE	POLE, POST, AND PILING
			VENEER	LAYUP		
	8-HOUR CAPACITY (THOUSAND SQUARE FEET, 3/8-INCH BASIS)		8-HOUR CAPACITY (SQUARES)		ANNUAL CAPACITY (THOUSAND BOARD FEET, SCRIBNER LOG RULE)	
NORTH COAST:						
HUMBOLDT	--	--	--	--	66	--
MENDOCINO	--	--	--	--	16	--
TOTAL	--	--	--	--	82	--
CENTRAL COAST	--	--	--	--	--	--
NORTHERN INTERIOR:						
SHASTA	--	--	--	--	--	5,040
SISKIYOU	475	--	--	--	--	4,020
TOTAL	475	--	--	--	--	9,060
SACRAMENTO:						
BUTTE	--	--	--	--	--	17,026
EL DORADO	64	--	--	--	--	2,785
SACRAMENTO	--	--	--	--	--	--
TEHAMA	--	--	163	153	--	--
TOTAL	64	--	163	153	--	19,611
SAN JOAQUIN:						
AMADOR	--	--	165	220	--	--
SAN JOAQUIN	--	--	--	--	--	8,754
TUOLUMNE	--	--	100	100	--	--
TOTAL	--	--	265	320	--	8,754
SOUTHERN:						
LOS ANGELES	--	--	--	--	--	5,400
TOTAL	--	--	--	--	--	5,400
ALL AREAS	539	--	428	473	82	43,025

Table 45--Number of veneer and plywood mills by resource area and diameter limit of lathe, California, 1985

RESOURCE AREA	LAYUP ONLY	DIAMETER LIMIT OF LATHE (INCHES)						
		20-29	30-39	40-49	50-59	60-69	70-79	80 PLUS
NORTH COAST	--	--	--	--	--	--	--	--
CENTRAL COAST	--	--	--	--	--	--	--	--
NORTHERN INTERIOR	--	--	--	--	1	1	--	--
SACRAMENTO	--	1	--	--	--	1	--	--
SAN JOAQUIN	--	--	--	--	1	1	--	--
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	--	1	--	--	2	3	--	--

Table 46--Number of veneer and plywood mills by resource area and diameter of core produced, California, 1985

RESOURCE AREA	DIAMETER OF CORES (INCHES)								NO LATHE OR CORE
	3	4	5	6	7	8	9	10	
NORTH COAST	--	--	--	--	--	--	--	--	--
CENTRAL COAST	--	--	--	--	--	--	--	--	--
NORTHERN INTERIOR	--	--	1	1	--	--	--	--	--
SACRAMENTO	--	1	--	1	--	--	--	--	--
SAN JOAQUIN	--	--	--	2	--	--	--	--	--
SOUTHERN	--	--	--	--	--	--	--	--	--
ALL AREAS	--	1	1	4	--	--	--	--	--

Other Industries, California

Table 47--Number of veneer and plywood mills by resource area, county, and selected equipment, California, 1985

RESOURCE AREA AND COUNTY	4-FOOT LATHE	8-FOOT LATHE	SLICER	VENEER CHIPPER	CORE CHIPPER	COLD PRESS	HOT PRESS	BURNER
NORTH COAST	--	--	--	--	--	--	--	--
CENTRAL COAST	--	--	--	--	--	--	--	--
NORTHERN INTERIOR: SISKIYOU	1	2	--	1	1	--	--	--
TOTAL	1	2	--	1	1	--	--	--
SACRAMENTO: EL DORADO TEHAMA	1 --	-- 1	-- --	1 1	-- 1	-- --	-- 1	-- --
TOTAL	1	1	--	2	1	--	1	--
SAN JOAQUIN: AMADOR TUOLUMNE	-- --	1 1	-- --	1 --	1 1	-- --	1 1	-- --
TOTAL	--	2	--	1	2	--	2	--
SOUTHERN	--	--	--	--	--	--	--	--
ALL AREAS	2	5	--	4	4	--	3	--

Table 48--Number of "other industry" mills by type of industry, years at present site, and tenure of present owner, California, 1985

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

Table 49--Average number of operating days per year of "other industry" mills by resource area and type of industry, California, 1985

RESOURCE AREA	VENEER HILL	LAYUP MILL	VENEER AND LAYUP MILL	SHAKE AND SHINGLE	POST, POLE, AND PILING
NORTH COAST	--	--	--	182	--
CENTRAL COAST	--	--	--	--	--
NORTH INTERIOR	279	--	--	--	225
SACRAMENTO	36	--	248	--	210
SAN JOAQUIN	--	--	201	--	365
SOUTHERN	--	--	--	--	235
ALL AREAS	198	--	216	182	245

Table 50--Wood consumption by "other industry" mills, by type of industry and type of material, California, 1985

TYPE OF INDUSTRY	ROUNDHOOD			OTHER WOOD	ALL WOOD
	SOUND LOGS	UTILITY LOGS	TOTAL ROUNDWOOD		
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>					
VENEER AND PLYWOOD	164,714	2,157	166,871	--	166,871
SHAKE AND SHINGLE	1,360	--	1,360	20	1,380
EXPORT	64,002	--	64,002	--	64,002
POST, POLE, AND PILING	14,872	--	14,872	--	14,872
TOTAL	244,948	2,157	247,105	20	247,125

Other Industries, California

Table 51--Log consumption by "other industry" mills, by type of industry and age group of timber, California, 1985

TYPE OF INDUSTRY	OLD GROWTH (100 YEARS AND OLDER)	YOUNG GROWTH (LESS THAN 100 YEARS)	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
veneer and plywood	86,800	80,071	166,871
shake and shingle	1,360	--	1,360
export	9,653	54,349	64,002
post, pole, and piling	--	14,872	14,872
TOTAL	97,813	149,292	247,105

Table 52--Log consumption by "other industry" mills, by type of industry and owner, California, 1985

TYPE OF INDUSTRY	STATE	NATIONAL FOREST	BUREAU OF LAND MNGEMENT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
VENEER AND PLYOOD	--	70,941	--	--	61,581	32,386	1,963	166,871
SHAKE AND SHINGLE	--	--	--	--	--	1,120	240	1,360
EXPORT	--	--	--	--	27,000	3,000	34,002	64,002
POST, POLE, AND PILING	--	1,519	--	--	242	10,474	2,637	14,872
TOTAL	--	72,460	--	--	88,023	46,980	38,842	247,105

Other Industries, California

Table 53--Log conslaaption by "other industry" mills, by type of industry and species, California, 1985

TYPE OF 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										
VENEER AND PLYWOOD	30.180	--	108,741	6,930	21,020	--	--	--	--	166,871
SHAKE AND SHINGLE	--	--	--	--	--	--	--	1,360	--	1,360
EXPORT	37,793	--	24,720	--	--	--	--	1,489	--	64,002
POST, POLE, AND PILING	10,945	--	--	--	3,830	97	--	--	--	14,872
TOTAL	78,918	--	133,461	6,930	24,850	97	--	2,849	--	247,105

Table 54--Production and disposition of wood residue by "other industry" mills, by type of industry, type of residue, and use, California, 1985

TYPE OF INDUSTRY AND TYPE OF RESIDUE	USED ^{1/}					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
COARSE RESIDUE: ^{2/} VENEER AND PLYWOOD SHAKE AND SHINGLE	111,885 --	9,634 --	49,617 --	37,455 369	208,591 369	203 --	208,794 369
TOTAL	111,885	9,634	49,617	37,824	208,960	203	209,163
FINE RESIDUE: ^{3/} VENEER AND PLYWOOD SHAKE AND SHINGLE	-- --	1,438 --	2,794 --	-- 727	4,232 727	-- --	4,232 727
TOTAL	--	1,438	2,794	727	4,959	--	4,959
ALL TYPES OF RESIDUE: VENEER AND PLYWOOD SHAKE AND SHINGLE	111,885 --	11,072 --	52,411 --	37,455 1,096	212,823 1,096	203 --	213,026 1,096
TOTAL	111,885	11,072	52,411	38,551	213,919	203'	214,122

^{1/}Residues are not necessarily used in the area or county in which they are produced.

^{2/}Coarse residue includes log trim, cores, veneer clippings, rejected veneer, roundup, and spur trim, end-block trim, and splats.

^{3/}Fine residue includes sander dust, splints, and sawdust.

Other Industries, California

Table 55--Production and disposition of bark residue by "other industry" mills, by type of industry and use, California, 1985

TYPE OF IEIDUSTRY	USED <u>1/</u>					UNUSED	ALL BARK
	PULP	BOARD	FUEL	BISCELLANEOUS	TOTAL		
				<u>TONS, DRY WEIGHT</u>			
VENEER AND PLYWOOD	--	--	47,321	13,464	60,785	1,595	62,380
SHAKE AND SHINGLE	--	--	--	468	468	--	468
TOTAL	--	--	47,321	13,932	61 ,253	1,595	62,848

1/Residues are not necessarily used in the area or county in which they are produced.

Howard, James O.; Yard, Franklin R. 1988. California's forest products industry: 1985. Resour. Bull. PNW-RB-150. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 72 p.

This report presents the findings of a 100-percent **survey** of the primary forest products industry **in** California for 1985. The survey included the following sectors: **lumber**; veneer and **plywood**; 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.

The Forest Service of the U.S. Department of Agriculture is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives — as directed by Congress — to provide increasingly greater service to a growing Nation.

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