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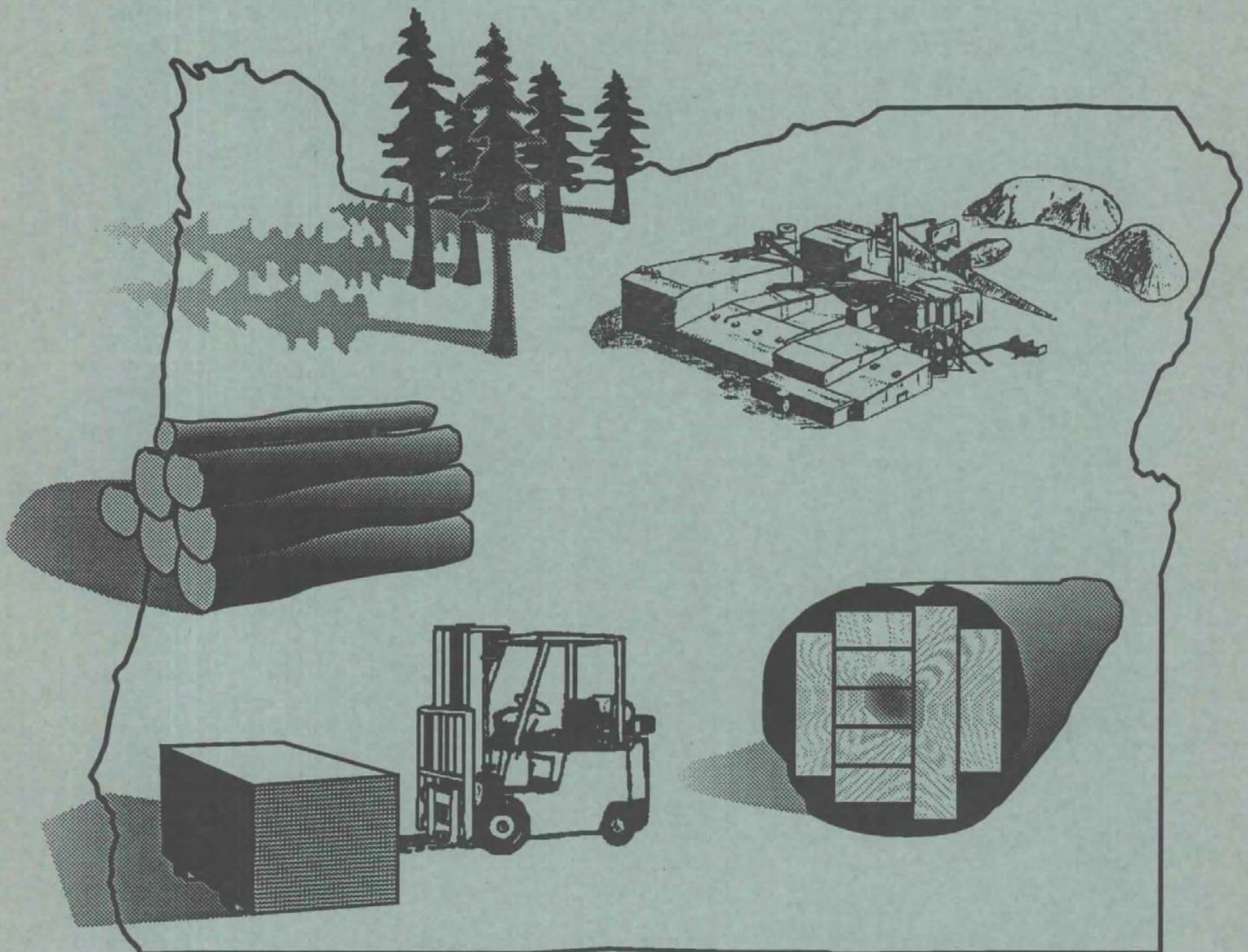
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Oregon's Forest Products Industry: 1992

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Abstract

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This report presents the findings of a survey of primary forest products industries in Oregon for 1992. 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, Oregon.

Summary

This report presents the results of a survey of the primary wood-processing industry in Oregon for 1992. Data for the survey were obtained from a mail and telephone canvass in 1994 of primary wood-processing firms in the State. Industry contacts for the survey were based on lists from previous surveys, various directories of the forest products industry, and information passed on by individual millowners. Similar surveys were produced in 1968, in cooperation with the Oregon Division of Forestry; in 1972, with Oregon State University; and by the Pacific Northwest Research Station in 1976, 1982, 1985, and 1988. This survey identified 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; export; and post, pole, and piling.

The survey identified 190 separate operations that used about 4.0 billion board feet of logs in 1992. The lumber (67 percent) and veneer and plywood (25 percent) sectors were the major users. In addition, the pulp and board industry used about 6.0 million tons of wood fiber, 49 percent of it in mill residues. The industry as a whole generated about 7.4 million tons of residual materials, of which less than 1 percent was not used.

Data for log consumption and product output are actual figures reported by the mills. Subsequent classification of these data (that is, by species, owner, origin, degree of manufacturing, and other criteria) was 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. 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.

There were at least 29 sawmills, 24 veneer and plywood mills, 1 pulp and board mill, 6 shake and shingle mills, 10 log export companies, and 4 post, pole, and piling operations that declined to participate in the survey.

Highlights

Total number of mills in 1992 was 263:¹

Industry Characteristics

<u>Type of mill</u>	<u>Number</u>
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Sawmills	115
Veneer and plywood	64
Pulp	11
Board	19
Shake and shingle	16
Post, pole, and piling	15

- Lane County led all others with 31 mills, or 16.3 percent of the total for the State.
- The 58 largest sawmills had 89 percent of total sawmill capacity.

Wood Consumption

- A total of 4,033 million board feet of logs was consumed.
- The pulp and board industry consumed about 6.0 million tons of mill residues and offsite roundwood chips.

Leading counties in roundwood consumption were:

<u>County</u>	<u>Million board feet</u>
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Lane	510
Jackson and Josephine	257
Union and Wallowa	208

- About 35 percent of the logs were from trees younger than 100 years.
- Public lands were the source for 42 percent of the log consumption; National Forests provided 58 percent of the logs from public lands.

Log consumption by industry was:

<u>Industry</u>	<u>Percent</u>
-----------------	----------------

Sawmills	67.3
Veneer and plywood	24.7
Pulp and board	5.0
Log export	2.3
Post, pole, and piling	.6
Shake and shingle	.1

¹ The number of mills in this listing show mills operating in 1992. Not all mills participated in the survey, so, other data shown in the summary, introduction, and in tables 1 through 69 in Appendix 2 are based on mills who responded to the survey.

Mill Residues

A total of about 7.4 million tons of residues was generated:

<u>Type of mill</u>	<u>Dry weight of residue</u> <i>Tons</i>
Sawmills	5,202,824
Veneer and plywood	2,199,787
Shake and shingle	7,059

- Seventy-nine percent of the residue was wood, 21 percent was bark.
- More than 99 percent of the wood and bark residue was used.
- Nearly 60 percent of wood residue went to pulp and board industries; 33 percent was used for fuel.
- About 83 percent of bark was used for fuel; about 16 percent was used for miscellaneous purposes.

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Introduction

The forest products industry of Oregon continues to be the Nation's number one producer of wood products in the United States. In addition to ranking first in production of lumber, Oregon accounted for 32.7 percent of logs shipped through West Coast ports (Western Wood Products Association 1994).

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 mill¹ may be the only employer other than the service industry.

Changes in timber supply, technology, and product demand have resulted in a much changed industry from the one that existed even 20 years ago. Oregon has fewer mills, greater diversification, a wider range of products, and more efficient and complete use of the timber resource.

For these reasons, up-to-date information on the forest industry is vital. Decisionmakers and planners, both within and outside the industry, need to know how the industry is changing and how the resource is being used. This report provides much of this information through an indepth look at Oregon's forest products industry for 1992. Coupled with similar reports for 1968 (Manock and others 1970), 1972 (Schuldt and Howard 1974), 1976 (Howard and Hiserote 1978), 1982 (Howard 1984), 1985 (Howard and Ward 1988), and 1988 (Howard and Ward 1991), this information provides a basis for examining significant trends in industry characteristics and timber use.

The forest products industry in Oregon was severely impacted by the depressed national economy at the start of the 1980s. By 1983, the industry, spurred by improvements in residential and commercial construction, was beginning to recover. A comparison of log consumption between the 1982 and 1985 reports showed this recovery. In 1982, reported log consumption by the forest products industry was 5.96 billion board feet. In 1985, this figure was 8.27 billion board feet, an increase of 39 percent. The 1988 report shows this recovery has slowed down. The log consumption in 1988 was 8.8 billion board feet, an increase of only 6 percent since 1985. Environmental constraints placed on forested lands in the late 1980s and early 1990s caused a downtrend of log consumption. Now, as throughout history, the forest industry reflects the dynamics of supply and demand.

The percentages of log consumption (below) show the totals as *estimated* by industry and resource area because several mills are not included in the survey (they did not respond to the questionnaire). The percentages indicate the log consumption included in the tables in appendix 2 as compared to the given log consumption plus estimated log consumption for those mills not included in the survey. The data were estimated by using information from the Directory of the Wood Products Industry (1994) and the 1988 survey (Howard and Ward 1991). There were at least 29 sawmills, 24 veneer and plywood mills, 1 pulp and board mill, 6 shake and shingle mills, 10 log export companies, and 4 post, pole, and piling operations that declined to participate in the survey.

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

<u>Industry and resource area</u>	<u>Log consumption Percent</u>
---------------------------------------	------------------------------------

Lumber:	
North Coast	94
West-Central	91
Southwest	57
Central	64
Blue Mountain	68

Veneer and plywood:	
North Coast	89
West-Central	61
Southwest	44
Central and Blue Mountain	63

Pulp and Board, all areas	100
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Shake and shingle, all areas	49
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Log export, all areas	27
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Post, pole, and piling, all areas	90
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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).

The information from the survey shows that the survey represented about 67 percent of what would have been the total log consumption if all mills had responded.

The location of the forest industry in Oregon is closely related to the geographic distribution of the timber resource. As would be expected, a large share of the industry is in the heavily timbered areas west of the Cascade Range. Figure 1 shows that 80 percent of the log consumption occurred in western Oregon.

The State was divided into five resource areas for the study (fig. 2). Designation of these areas reflected both the nature of the timber resource and the historic marketing structure of the industry. This is borne out by the study data, which show that on average about 85 percent of the logs processed in a particular resource area were harvested within the boundaries of that area.

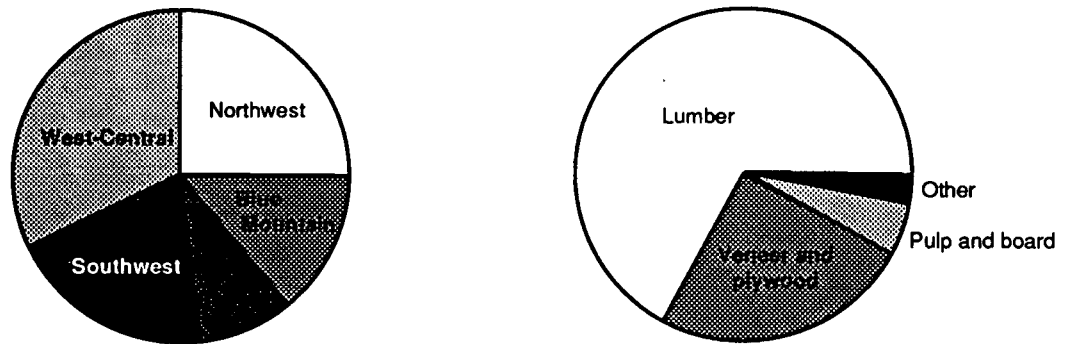


Figure 1—Distribution of log consumption by resource areas and industry, Oregon 1992.

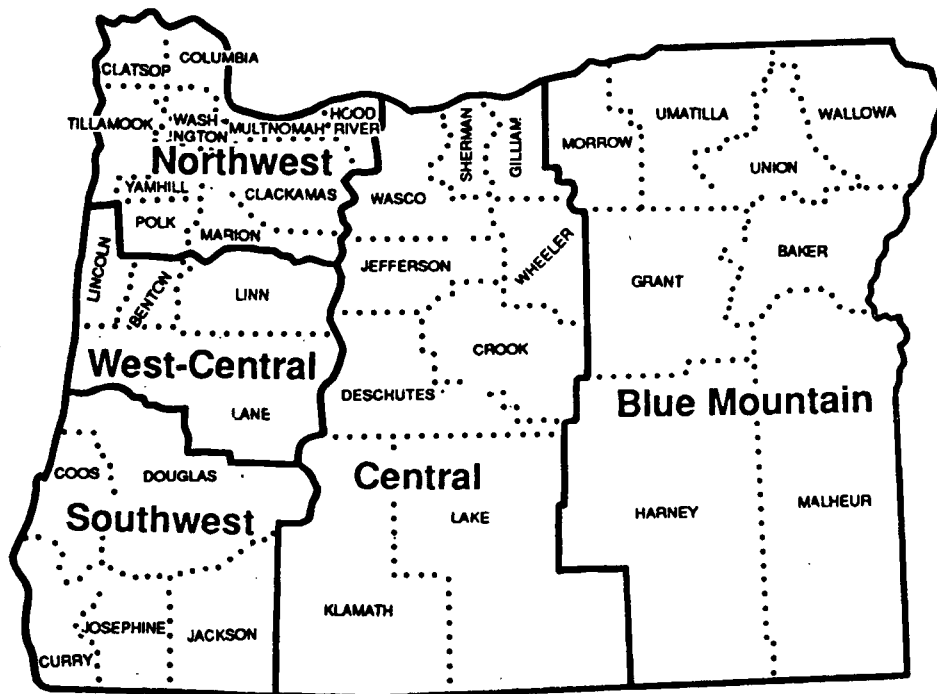


Figure 2--Resource areas for 1992 Oregon forest products industry survey.

Comparison With Previous Surveys

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

Industry	Number of mills by year						
	1968	1972	1976	1982	1985	1988	1992
Sawmills	300	262	243	161	173	165	86
Veneer and plywood	138	133	132	101	89	87	40
Pulp and board	37	40	40	36	35	33	30
Shake and shingle	48	43	46	34	26	24	10
Post, pile, and piling	²	10	9	8	7	18	11
Log export	²	38	28	32	35	33	13
Total	523	526	498	372	365	360	190

² The post, pole, and piling and the log export industries were not included in the 1968 survey.

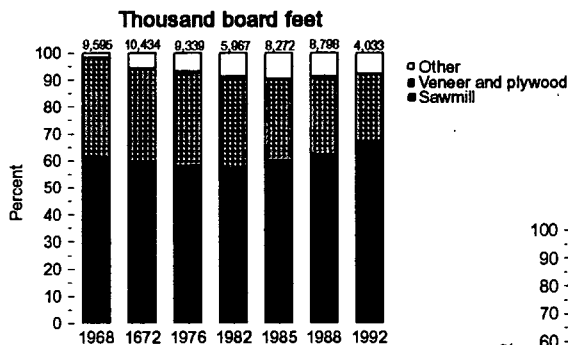


Figure 3—Log consumption by industry.

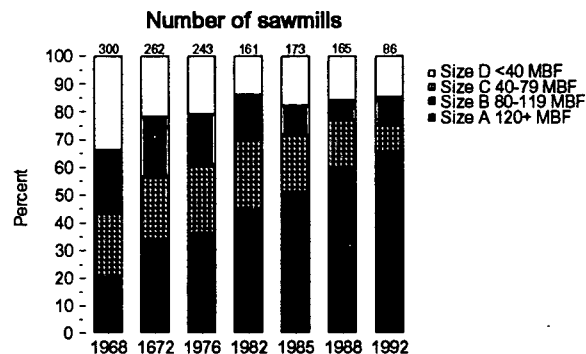


Figure 4—Sawmills by size class.

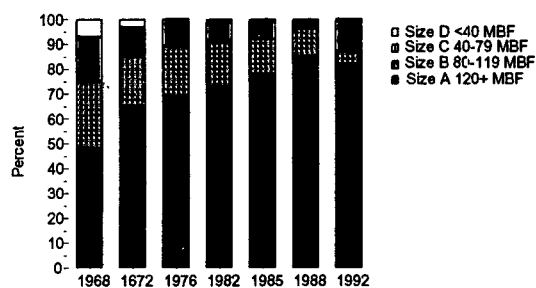


Figure 5—Log consumption by size class

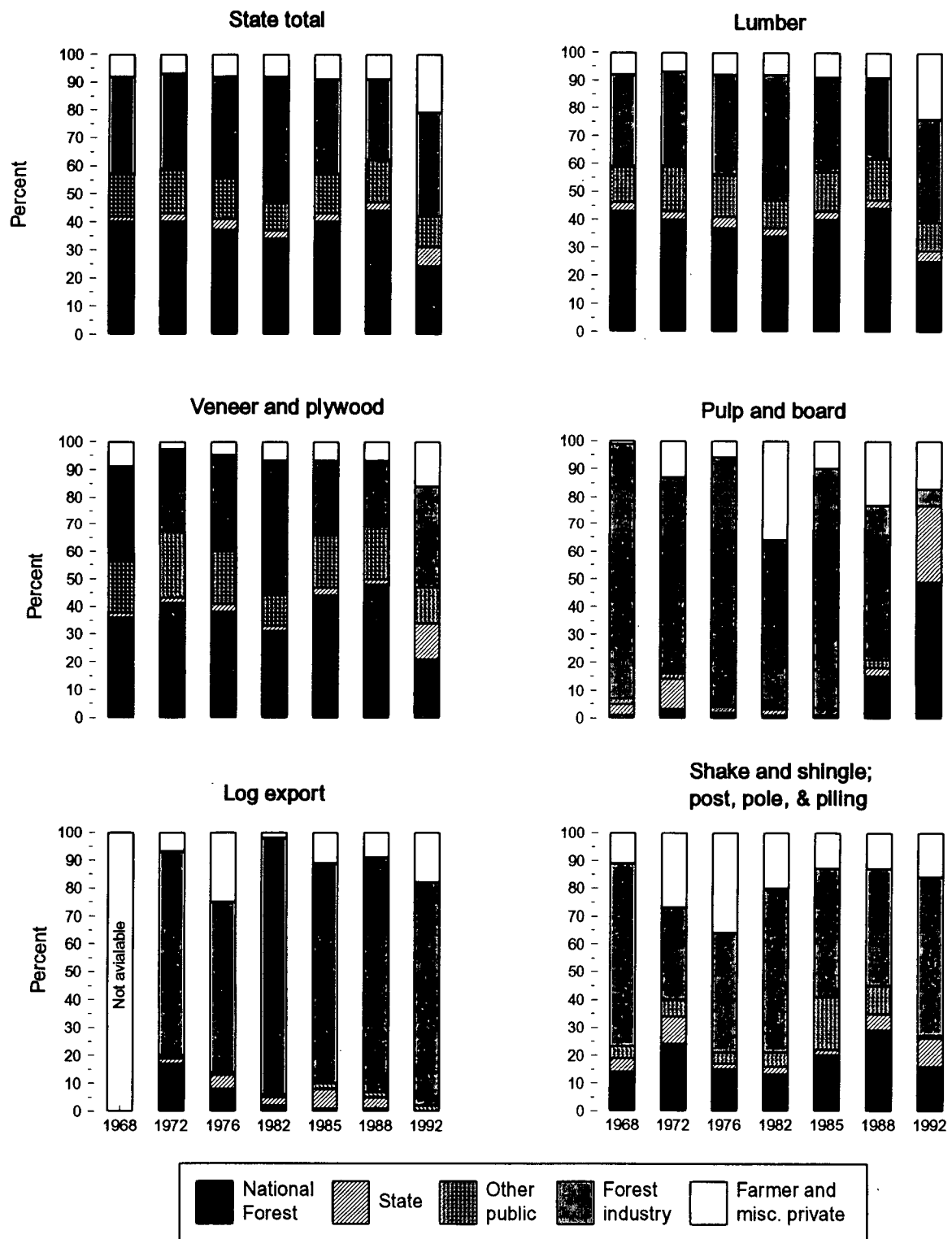


Figure 6—Log consumption by ownership class and industry.

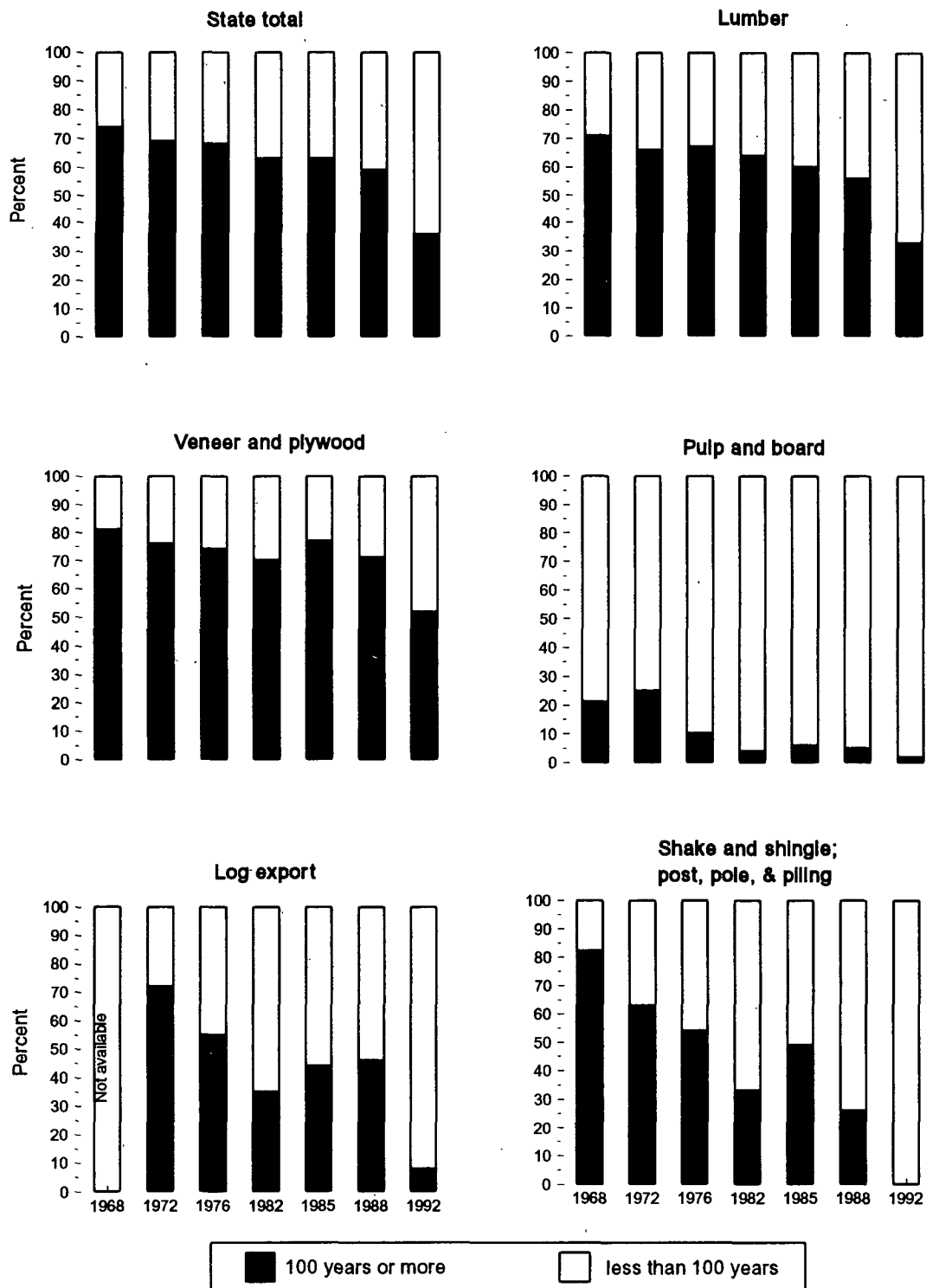


Figure 7--Log consumption by timber age group and industry.

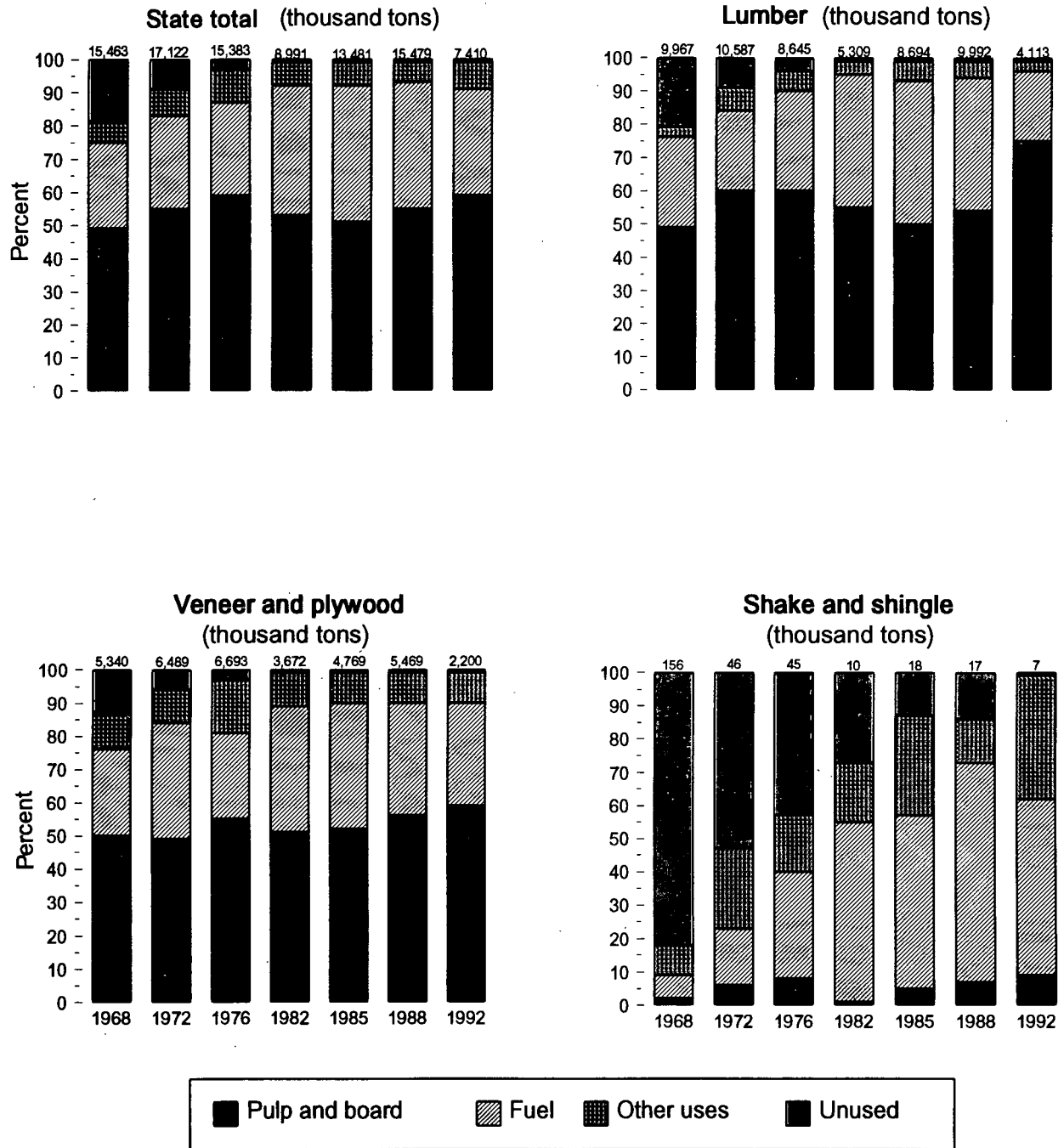


Figure 8—Production and disposition of wood and bark residue by use and by industry.

Glossary

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

MBF—Thousand board feet.

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

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

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

Acknowledgments

We thank the millowners and operators who cooperated in providing the data for this report, the major forest industry associations for their support of this study, and the State of Oregon, Division of Labor, for assistance in updating the mill list.

Metric Conversions

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

Measurement Units

The board foot is the unit of measure used in this report for all wood consumption, with the exception of purchased or transferred veneer (square feet, 3/8-inch basis) and mill residues (tons, dry weight) consumed by pulpmills and board mills. Consumption by mills not reported in these units was converted by use of the following factors:

1 cord = 500 board feet
1 ton = 500 board feet
10.5 squares = 1,000 board feet (MBF)
1 lineal foot = 3.8 board feet
1 cubic foot = 6 board feet
200 cubic-foot units = 1 bone-dry ton
1 bone-dry unit = 1.2 bone-dry tons

Board-foot lumber tally is the unit of measure used for lumber production; square 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.

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Appendix 1

Mill Residues

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

Softwood sawmill residue—Average quantity of residues developed from producing 1,000 board feet of lumber:¹

Type of output	Solid volume ²		Dry weight	
			Western Oregon	Eastern Oregon
	<i>Cubic feet</i>	<i>Percent³</i>	-----Tons-----	
Wood residue:				
Slabs, edgings, sawmill trim	36	24.5	0.486	0.480
Planer trim	3	2.0	.041	.036
Sawdust	16	10.9	.216	.264
Planer shavings	16	10.9	.216	.192
Total	71	48.3	.959	.972
Bark	19	12.9	.258	.228
Lumber	57	38.8	.864	.780
Total, all output	147	100.0	2.081	1.980

¹ Based on data from Oregon mills compiled by Oregon State University, School of Forestry, in 1967 and adjusted for changes in lumber standards in 1974 by James O. Howard.

² Equivalent undried solid volume of residue.

³ Percentage of log by volume.

Softwood plywood residue—Average quantity of residue developed in producing the equivalent of 1,000 square feet of 3/8-inch plywood (rough basis):⁴

<u>Type of output</u>	<u>Solid volume⁵</u> <i>Cubic feet</i>	<u>Dry weight</u> <i>Tons</i>
Wood residue:		
Log trim	3.4	0.048
Core	6.3	.088
Veneer clip, roundup, and spur trim	19.3	.270
Dry trim and layup loss	6.3	.088
Sander dust	<u>1.6</u>	<u>.022</u>
Total	36.9	.516
Bark	8.8	.132
Plywood	<u>34.9</u>	<u>.463</u>
Total, all output	80.6	1.111

Hardwood sawmill residue—Average residue developed from producing 1,000 board feet of lumber by using a narrow kerf bandsaw:⁶

<u>Type of residue</u>	<u>Dry tons</u>
Coarse	0.60
Shavings	.22
Bark	.34
Sawdust	.23

⁴ All residue factors, except sander dust and bark, from data collected in various mill studies by the Timber Quality and Product Yield Potential of Western Softwoods Resources Project, Pacific Northwest Research Station, and compiled by James O. Howard. Sander dust and bark factors based on data from Oregon mills compiled in 1967 by Oregon State University, School of Forestry.

⁵ Volumes are based on equivalent green volume.

⁶ Based on information furnished by Northwest Hardwoods, Inc., Portland, OR.

Shingle mill residue

Average quantity of residue developed from using 1,000 board feet, Scribner scale, of logs or in producing the equivalent volume of 10.5 squares:⁷

<u>Type of residue</u>	<u>Solid volume</u>		<u>Dry weight</u> <u>per thousand</u> <u>board feet</u>
	<i>Cubic feet</i>	<i>Percent</i>	<i>Tons</i>
From shingles:			
Coarse	23	13.7	0.22
Fine	78	46.8	.75
Bark	19	11.5	.28
From shakes:			
Coarse	23	13.7	.22
Fine	24	14.5	.23
Bark	19	11.5	.28
From hip and ridge and other:			
Coarse	23	13.7	.22
Fine	51	30.6	.49
Bark	19	11.5	.28

⁷ Based on discussions with the Redcedar Shingle Bureau, Bellevue, WA.

Appendix 2

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

RESOURCE AREA	LUMBER	VENEER AND PLYWOOD	PULP AND BOARD ^a	OTHER INDUSTRIES			ALL INDUSTRIES
				SHAKE AND SHINGLE	EXPORT ^b	POST, POLE, AND PILING	
NORTHWEST	25	6	6	4	5	2	48
WEST-CENTRAL	22	15	13	5	2	3	60
SOUTHWEST	20	16	4	--	6	--	46
CENTRAL	6	2	4	--	--	6	18
BLUE MOUNTAIN	13	1	3	1	--	--	18
ALL AREAS	86	40	30	10	13	11	190

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

^b Represents the number of identifiable operations involved in the export of logs.

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

RESOURCE AREA AND INDUSTRY	ROUNDWOOD				RESIDUE ^b
	SOUND LOGS	UTILITY LOGS	ALL ROUNDWOOD	OTHER WOOD ^a	
- - - - THOUSAND BOARD FEET. SCRIBNER LOG RULE - - - -					TONS. DRY WEIGHT
NORTHWEST:					
LUMBER	740,450	13,555	754,005	6,182	--
VENEER AND PLYWOOD	223,647	6,904	230,551	--	--
PULP AND BOARD	--	--	--	--	1,084,479
SHAKE AND SHINGLE ^c	2,138	340	2,478	128	--
EXPORT	25,845	--	25,845	--	--
POST, POLE, AND PILING ^d	--	--	--	--	--
TOTAL	992,080	20,799	1,012,879	6,310	1,084,479
WEST-CENTRAL:					
LUMBER	808,246	37,932	846,178	--	--
VENEER AND PLYWOOD	282,581	30,673	313,254	--	--
PULP AND BOARD	--	57,560	57,560	--	3,163,028
SHAKE AND SHINGLE	1,911	478	2,389	425	--
EXPORT ^e	66,323	64	66,387	--	--
POST, POLE, AND PILING ^d	8,795	--	8,795	--	--
TOTAL	1,167,856	126,707	1,294,563	425	3,163,028
SOUTHWEST:					
LUMBER	465,404	19,735	485,139	2,822	--
VENEER AND PLYWOOD	276,978	36,423	313,401	--	--
PULP AND BOARD	22,000	--	22,000	--	931,495
EXPORT ^e	--	--	--7	--	--
TOTAL	764,382	56,158	820,540	2,822	931,495
CENTRAL:					
LUMBER	204,480	7,889	212,369	--	--
VENEER AND PLYWOOD ^f	135,351	3,647	138,998	--	--
PULP AND BOARD	--	--	--	--	508,974
POST, POLE, AND PILING	14,333	--	14,333	--	--
TOTAL	354,164	11,536	365,700	--	508,974
BLUE MOUNTAIN:					
LUMBER	407,401	8,777	416,178	--	--
VENEER AND PLYWOOD ^f	--	--	--	--	--
PULP AND BOARD	92,325	30,775	123,100	--	321,550
SHAKE AND SHINGLE ^c	--	--	--	--	--
TOTAL	499,726	39,552	587,278	--	321,550
ALL AREAS:					
LUMBER	2,625,981	87,888	2,713,869	9,004	--
VENEER AND PLYWOOD	918,557	77,647	996,204	--	--
PULP AND BOARD	114,325	88,335	202,660	--	6,009,526
SHAKE AND SHINGLE	4,049	818	4,867	553	--
EXPORT	92,168	64	92,232	--	--
POST, POLE, AND PILING	23,128	--	23,128	--	--
TOTAL	3,778,208	254,752	4,032,960	9,557	6,009,526

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

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

^c Blue Mountain Area and Northwest Area combined to avoid disclosure.

^d Northwest Area and West-Central Area combined to avoid disclosure.

^e Southwest Area and West-Central Area combined to avoid disclosure.

^f Blue Mountain Area and Central Area combined to avoid disclosure.

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

RESOURCE AREA AND INDUSTRY	OREGON	WASHINGTON	CALIFORNIA	IDAHO	OTHER	ALL STATES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>						
NORTHWEST:						
LUMBER	624,490	127,705	--	1,600	210	754,005
VENEER AND PLYWOOD	227,744	2,807	--	--	--	230,551
PULP AND BOARD	--	--	--	--	--	--
SHAKE AND SHINGLE ^a	1,798	680	--	--	--	2,478
EXPORT	16,005	9,840	--	--	--	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--	--
TOTAL	870,037	141,032	--	1,600	210	1,012,879
WEST-CENTRAL:						
LUMBER	822,365	20,513	--	--	3,300	846,178
VENEER AND PLYWOOD	309,760	2,000	794	--	700	313,254
PULP AND BOARD	57,560	--	--	--	--	57,560
SHAKE AND SHINGLE	2,029	360	--	--	--	2,389
EXPORT ^c	65,197	1,051	139	--	--	66,387
POST, POLE, AND PILING ^b	7,539	1,256	--	--	--	8,795
TOTAL	1,264,450	25,180	933	--	4,000	1,294,563
SOUTHWEST:						
LUMBER	402,840	942	81,357	--	--	485,139
VENEER AND PLYWOOD	282,206	--	31,195	--	--	313,401
PULP AND BOARD	20,900	--	1,100	--	--	22,000
EXPORT ^c	--	--	--	--	--	--
TOTAL	705,946	942	113,652	--	--	820,540
CENTRAL:						
LUMBER	200,663	1,204	10,502	--	--	212,369
VENEER AND PLYWOOD ^d	108,095	1,003	29,900	--	--	138,998
PULP AND BOARD	--	--	--	--	--	--
POST, POLE, AND PILING	14,333	--	--	--	--	14,333
TOTAL	323,091	2,207	40,402	--	--	365,700
BLUE MOUNTAIN:						
LUMBER	387,137	13,578	--	15,463	--	416,178
VENEER AND PLYWOOD ^d	--	--	--	--	--	--
PULP AND BOARD	123,100	--	--	--	--	123,100
SHAKE AND SHINGLE ^a	--	--	--	--	--	--
TOTAL	510,237	13,578	--	15,463	--	539,278
ALL AREAS:						
LUMBER	2,437,495	163,942	91,859	17,063	3,510	2,713,869
VENEER AND PLYWOOD	927,805	5,810	61,889	--	700	996,204
PULP AND BOARD	201,560	--	1,100	--	--	202,660
SHAKE AND SHINGLE	3,827	1,040	--	--	--	4,867
EXPORT	81,202	10,891	139	--	--	92,232
POST, POLE, AND PILING	21,872	1,256	--	--	--	23,128
TOTAL	3,673,761	182,939	154,987	17,063	4,210	4,032,960

^a Blue Mountain Area and Northwest Area combined to avoid disclosure.^b Northwest Area and West-Central Area combined to avoid disclosure.^c Southwest Area and West-Central Area combined to avoid disclosure.^d Blue Mountain Area and Central Area combined to avoid disclosure.

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

RESOURCE AREA AND COUNTY OF USE	TOTAL	NORTHWEST									
		CLACKAMAS	CLATSOP	COLUMBIA	HOOD RIVER	MARION	MULTNOMAH	POLK	TILLAMOOK	WASHINGTON	YAMHILL
		THOUSAND BOARD FEET, SCRIBNER LOG RULE									
NORTHWEST:											
CLACKAMAS	114,081	49,194	--	--	--	3,579	3,050	--	--	900	--
CLATSOP	68,355	--	25,784	30,025	--	--	--	--	3,481	115	--
COLUMBIA, HOOD RIVER, AND MULTNOMAH ^a	199,517	5,909	34,559	36,126	19,500	1,423	1,814	--	4,394	6,084	--
MARION AND POLK ^b	210,904	11,935	6,480	--	--	22,220	--	30,078	10,200	1,080	20,048
TILLAMOOK ^b	91,521	--	19,200	--	--	--	--	--	24,674	5,267	12,258
WASHINGTON	115,329	210	18,750	14,385	--	--	1,050	10,312	7,612	48,108	9,067
YAMHILL	218,602	--	34,378	1,708	--	--	147	23,529	49,576	12,343	33,002
TOTAL	1,018,309	67,248	139,151	82,244	19,500	27,222	6,061	63,919	99,937	73,897	74,375
WEST-CENTRAL:											
BENTON	166,410	624	--	--	--	--	--	--	624	--	--
LANE ^c	747,333	--	--	226	--	--	--	4,557	291	97	5,208
LINCOLN	56,827	--	--	--	--	--	--	--	1,231	--	--
LINN	220,240	6,778	--	--	--	33,498	--	18,868	--	--	21,563
TOTAL	1,190,810	7,402	--	226	--	33,498	--	23,425	2,146	97	26,771
SOUTHWEST:											
COOS	138,510	--	--	--	--	--	--	--	--	--	--
DOUGLAS	296,246	--	--	--	--	--	--	--	--	--	--
JACKSON	370,324	--	--	--	--	--	--	--	--	--	--
JOSEPHINE AND CURRY ^a	56,168	--	--	--	--	--	--	--	--	--	--
TOTAL	861,248	--	--	--	--	--	--	--	--	--	--
CENTRAL:											
CROOK AND JEFFERSON ^a	133,888	--	--	--	--	--	--	--	--	--	--
DESCHUTES ^d	44,613	--	--	--	--	--	--	--	--	--	--
KLAMATH AND LAKE ^{a d}	137,055	--	--	--	--	--	--	--	--	--	--
TOTAL	315,556	--	--	--	--	--	--	--	--	--	--
BLUE MOUNTAIN:											
BAKER AND GRANT ^a	86,400	--	--	--	--	--	--	--	--	--	--
MORROW AND UMATILLA ^a	245,287	--	--	--	--	--	--	--	--	--	--
UNION ^d AND WALLOWA ^a	257,790	--	--	--	--	--	--	--	--	--	--
TOTAL	589,477	--	--	--	--	--	--	--	--	--	--
ALL AREAS	3,975,400	74,650	139,151	82,470	19,500	60,720	6,061	87,344	102,083	73,994	101,146

See footnotes at end of table.

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

RESOURCE AREA AND COUNTY OF USE	WEST-CENTRAL				SOUTHWEST					CENTRAL		
	BENTON	LANE	LINCOLN	LINN	COOS	CURRY	DOUGLAS	JACKSON	JOSEPHINE	CROOK	DESCHUTES	JEFFERSON
THOUSAND BOARD FEET, SCRIBNER LOG RULE												
NORTHWEST:												
CLACKAMAS	--	--	--	9,430	--	--	--	--	--	--	--	--
CLATSOP	--	--	--	--	--	--	--	--	--	--	--	--
COLUMBIA, HOOD RIVER, AND MULTNOMAH ^a	--	--	--	1,898	--	--	--	--	--	--	--	--
MARION AND POLK ^b	3,935	20,368	30,153	40,351	--	--	--	--	--	--	12,729	--
TILLAMOOK ^c	--	--	22,915	--	--	--	--	--	--	--	--	--
WASHINGTON	--	--	--	--	--	--	--	--	--	--	--	--
YAMHILL	7,104	--	52,343	--	--	--	--	--	--	--	--	--
TOTAL	11,039	20,368	105,411	51,679	--	--	--	--	--	--	12,729	--
WEST-CENTRAL:												
BENTON	67,561	10,693	53,478	17,538	453	--	--	--	--	--	--	--
LANE ^c	24,266	526,002	13,031	46,609	6,559	--	108,279	--	--	--	2,930	--
LINCOLN	4,218	3,494	41,928	5,956	--	--	--	--	--	--	--	--
LINN	19,963	34,341	6,147	56,693	--	--	--	--	--	--	15,429	--
TOTAL	116,008	574,530	114,584	126,796	7,012	--	108,279	--	--	--	18,359	--
SOUTHWEST:												
COOS	--	11,087	--	--	69,974	10,095	46,100	--	--	--	--	--
DOUGLAS	--	18,511	--	--	27,749	--	224,001	13,930	8,645	--	--	--
JACKSON	--	--	--	--	--	1,178	19,038	183,038	17,697	--	--	--
JOSEPHINE AND CURRY ^a	--	--	--	--	52	116	5,600	--	33,600	--	--	5,600
TOTAL	--	29,598	--	--	97,775	11,389	294,739	196,942	59,942	--	--	5,600
CENTRAL:												
CROOK AND JEFFERSON ^a	--	--	--	--	--	--	--	--	--	35,275	11,199	64,235
DESCHUTES ^d	--	--	--	--	--	--	--	--	--	17,142	16,330	--
KLAMATH AND LAKE ^e ^d	--	--	--	--	--	--	--	--	--	--	67	--
TOTAL	--	--	--	--	--	--	--	--	--	52,417	27,596	64,235
BLUE MOUNTAIN:												
BAKER AND GRANT ^a	--	--	--	--	--	--	--	--	--	28	140	14
MORROW AND UMATILLA ^a	--	--	--	--	--	--	--	--	--	--	--	--
UNION ^d AND WALLAWA	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--	--	--	28	140	14
ALL AREAS	127,047	624,496	219,995	178,475	104,787	11,389	403,018	196,942	59,942	52,445	58,824	69,849

See footnotes at end of table.

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

RESOURCE AREAS AND COUNTY OF USE	CENTRAL (CONTINUED)				BLUE MOUNTAIN								OUT-OF- STATE
	KLAMATH	LAKE	WASCO	WHEELER	BAKER	GRANT	HARNEY	MALHEUR	MORROW	UMATILLA	UNION	WALLOWA	
THOUSAND BOARD FEET, SCRIBNER LOG RULE													
NORTHWEST: CLACKAMAS CLATSOP COLUMBIA, HOOD RIVER, AND MULTNOMAH ^a MARION AND POLK ^a TILLAMOOK ^b WASHINGTON YAMHILL	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	20,908 -- -- 7,923 -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	-- -- -- -- -- -- -- -- --	27,020 8,950 -- 79,887 1,327 7,207 5,835 4,472
TOTAL	--	--	28,831	--	--	--	--	--	--	--	--	--	134,698
WEST-CENTRAL: BENTON LANE ^c LINCOLN LINN	-- -- -- --	-- -- -- --	-- -- -- 1,650	-- -- -- --	-- -- -- --	-- -- -- 1,650	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	15,439 9,278 -- 3,660
TOTAL	--	--	1,650	--	--	--	--	--	--	--	--	--	28,377
SOUTHWEST: COOS DOUGLAS JACKSON JOSEPHINE AND CURRY ^a	-- 1,500 49,030 --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	1,254 1,910 100,369 11,200
TOTAL	50,530	--	--	--	--	--	--	--	--	--	--	--	114,733
CENTRAL: CROOK AND JEFFERSON ^a DESCHUTES ^d KLAMATH AND LAKE ^{a d}	-- 2,286 -- 60,067	5,460 285 -- 38,325	-- 4,285 -- --	7,800 -- -- --	-- 4,285 -- --	6,909 -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	3,010 -- -- 38,596
TOTAL	62,353	44,070	4,285	7,800	4,285	6,909	--	--	--	--	--	--	41,606
BLUE MOUNTAIN: BAKER AND GRANT ^a MORROW AND UMATILLA ^a UNION ^d AND WALLOWA	-- -- -- --	-- -- -- --	-- -- -- --	2,100 12,955 -- 15,055	23,814 30,775 43,455 98,044	34,216 27,999 2,119 64,334	700 -- -- 700	-- -- -- --	-- 14,381 -- 14,381	210 102,904 7,883 110,997	9,300 51,827 144,763 205,890	-- -- 49,850 49,850	15,878 4,446 9,720 30,044
ALL AREAS	112,883	44,070	34,766	22,855	102,329	72,893	700	--	14,381	110,997	205,890	49,850	349,458

^a Combined to avoid disclosure.^b Tillamook County includes two shake and shingle mills from Clackamas County and one from Umatilla County, combined to avoid disclosure.^c Lane County includes two post, pole, and piling operations from Northwest Area, combined to avoid disclosure.^d Klamath County includes a veneer and plywood plant from Deschutes County and one from Union County, combined to avoid disclosure.

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

RESOURCE AREA AND COUNTY OF USE	DESCHUTES	FREMONT	MALHEUR	MOUNT HOOD	OCHOCO	ROGUE RIVER	SISKIYOU	SIUSLAU	UMATILLA	UMPQUA	WALLOWA- WHITMAN	WILLAMETTE	WINEMA	OUT-OF-STATE FORESTS	ALL FORESTS
THOUSAND BOARD FEET, SCRIBNER LOG RULE															
NORTHWEST:															
CLACKAMAS	--	--	--	59,119	--	--	--	--	--	--	--	5,280	--	4,716	69,115
CLATSOP	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
COLUMBIA, HOOD RIVER, AND MULTNOMAH ^a	--	--	--	2,600	--	--	--	1,881	--	--	--	--	--	28,454	32,935
MARION AND POLK ^a	--	--	--	--	--	--	--	3,964	--	--	--	6,789	--	--	10,753
TILLAMOOK ^b	--	--	--	--	--	--	--	5,390	--	--	--	--	--	--	5,390
WASHINGTON	--	--	--	--	--	--	--	--	--	--	--	--	--	1,875	1,875
YAMHILL	--	--	--	--	--	--	--	11,398	--	--	--	--	--	--	11,398
TOTAL	--	--	--	61,719	--	--	--	22,633	--	--	--	12,069	--	35,045	131,466
WEST-CENTRAL:															
BENTON	--	--	--	--	--	--	--	--	--	--	--	1,811	--	--	1,811
LANE ^c	--	--	339	--	--	--	--	11,196	339	8,034	--	113,507	--	677	134,092
LINCOLN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LINN	--	--	--	11,830	--	--	--	--	--	--	--	33,111	--	--	44,941
TOTAL	--	--	339	11,830	--	--	--	11,196	339	8,034	--	148,429	--	677	180,844
SOUTHWEST:															
COOS	--	--	--	--	--	--	1,095	--	--	360	--	5,760	--	--	7,215
DOUGLAS	621	--	--	--	--	6,715	150	2,238	--	53,713	--	13,579	--	--	77,016
JACKSON	--	7,530	--	--	--	57,590	35	--	--	--	--	--	51,523	18,718	135,396
JOSEPHINE AND CURRY ^d	--	--	--	--	--	2,240	11,200	--	--	--	--	--	--	8,960	22,400
TOTAL	621	7,530	--	--	--	66,545	12,480	2,238	--	54,073	--	19,339	51,523	27,678	242,027
CENTRAL:															
CROOK AND JEFFERSON ^a	4,923	--	--	--	20,909	--	--	--	--	--	--	--	--	--	25,832
DESCHUTES ^d	16,359	--	--	3,000	11,999	--	--	--	--	--	--	--	114	--	31,472
KLAMATH AND LAKE ^{a,d}	7	27,772	--	--	--	--	--	--	--	--	--	--	13,620	11,246	52,665
TOTAL	21,309	27,772	--	3,000	32,908	--	--	--	--	--	--	--	13,734	11,246	109,969
BLUE MOUNTAIN:															
BAKER AND GRANT ^a	--	--	28,741	--	--	--	--	--	368	--	19,663	--	--	5,548	54,320
MORROW AND UMATILLA ^a	--	--	6,024	--	--	--	--	--	122,787	--	3,244	--	--	--	132,055
UNION ^d AND WALLOWA	--	--	3,600	--	--	--	--	--	47,891	--	72,951	--	--	--	124,442
TOTAL	--	--	38,365	--	--	--	--	--	171,046	--	95,858	--	--	5,548	310,817
ALL AREAS	21,930	35,302	38,704	76,549	32,908	66,545	12,480	36,067	171,385	62,107	95,858	179,837	65,257	80,194	975,123

^a Combined to avoid disclosure.^b Tillamook County includes two shake and shingle mills from Clackamas County and one from Umatilla County, combined to avoid disclosure.^c Lane County includes two post, pole, and piling operations from Northwest Area, combined to avoid disclosure.^d Klamath County includes a veneer and plywood plant from Deschutes County and one from Union County, combined to avoid disclosure.

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

RESOURCE AREA AND INDUSTRY	DESCHUTES	FREMONT	MALHEUR	MOUNT HOOD	OCHOCO	ROGUE RIVER	SISKIYOU	SIUSLAW	UMATILLA	UMPQUA	WALLOWA- WHITMAN	WILLAMETTE	WINEMA	OUT-OF-STATE FORESTS	ALL FORESTS
THOUSAND BOARD FEET, SCRIBNER LOG RULE															
NORTHWEST:															
LUMBER	--	--	--	60,869	--	--	--	16,520	--	--	--	8,904	--	35,045	121,338
VENEER AND PLYWOOD	--	--	--	--	--	--	--	6,113	--	--	--	3,165	--	--	9,278
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE ^a	--	--	14	850	--	--	--	--	--	--	41	--	--	--	905
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	14	61,719	--	--	--	22,633	--	--	41	12,069	--	35,045	131,521
WEST-CENTRAL:															
LUMBER	--	--	--	11,605	--	--	--	11,165	--	5,434	--	120,092	--	--	148,296
VENEER AND PLYWOOD	--	--	339	--	--	--	--	--	339	2,600	--	27,662	--	677	31,617
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE	--	--	--	225	--	--	--	31	--	--	--	675	--	--	931
EXPORT ^c	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	339	11,830	--	--	--	11,196	339	8,034	--	148,429	--	677	180,844
SOUTHWEST:															
LUMBER	621	3,282	--	--	--	25,656	12,480	738	--	24,256	--	10,339	39,386	25,857	142,615
VENEER AND PLYWOOD	--	4,248	--	--	--	40,889	--	1,500	--	29,817	--	9,000	12,137	1,821	99,412
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EXPORT ^c	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	621	7,530	--	--	--	66,545	12,480	2,238	--	54,073	--	19,339	51,523	27,678	242,027
CENTRAL:															
LUMBER	4,923	27,772	--	--	20,909	--	--	--	--	--	--	--	8,000	2,000	63,604
VENEER AND PLYWOOD ^d	14,999	--	--	3,000	11,999	--	--	--	9,828	--	14,743	--	4,554	9,246	68,369
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	1,387	--	--	--	--	--	--	--	--	--	--	--	1,180	--	2,567
TOTAL	21,309	27,772	--	3,000	32,908	--	--	--	9,828	--	14,743	--	13,734	11,246	134,540
BLUE MOUNTAIN:															
LUMBER	--	--	38,351	--	--	--	--	--	62,740	--	81,074	--	--	5,548	187,713
VENEER AND PLYWOOD ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PULP AND BOARD	--	--	--	--	--	--	--	--	98,478	--	--	--	--	--	98,478
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	38,351	--	--	--	--	--	161,218	--	81,074	--	--	5,548	286,191
ALL AREAS:															
LUMBER	5,544	31,054	38,351	72,474	20,909	25,656	12,480	28,423	62,740	29,690	81,074	139,335	47,386	68,450	663,566
VENEER AND PLYWOOD	14,999	4,248	339	3,000	11,999	40,889	--	7,613	10,167	32,417	14,743	39,827	16,691	11,744	208,676
PULP AND BOARD	--	--	--	--	--	--	--	--	98,478	--	--	--	--	--	98,478
SHAKE AND SHINGLE	--	--	14	1,075	--	--	--	31	--	--	41	675	--	--	1,836
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	1,387	--	--	--	--	--	--	--	--	--	--	--	1,180	--	2,567
TOTAL	21,930	35,302	38,704	76,549	32,908	66,545	12,480	36,067	171,385	62,107	95,858	179,837	65,257	80,194	975,123

^a Blue Mountain Area and Northwest Area combined to avoid disclosure.^b Northwest Area and West-Central Area combined to avoid disclosure.^c Southwest Area and West-Central Area combined to avoid disclosure.^d Blue Mountain Area and Central Area combined to avoid disclosure.

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

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								
NORTHWEST:								
LUMBER	72,210	121,338	34,573	33,860	141,884	157,661	192,479	754,005
VENEER AND PLYWOOD	50,526	9,278	15,655	5,613	79,740	49,967	19,772	230,551
PULP AND BOARD	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE ^a	110	905	--	--	12	370	1,081	2,478
EXPORT	--	--	--	1,423	975	16,795	6,652	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--
TOTAL	122,846	131,521	50,228	40,896	222,611	224,793	219,984	1,012,879
WEST-CENTRAL:								
LUMBER	25,144	148,296	82,880	10,183	201,421	214,040	164,214	846,178
VENEER AND PLYWOOD	79,041	31,617	37,161	--	61,318	47,524	56,593	313,254
PULP AND BOARD	57,560	--	--	--	--	--	--	57,560
SHAKE AND SHINGLE	60	931	60	--	700	452	186	2,389
EXPORT ^c	--	--	--	--	--	56,650	9,737	66,387
POST, POLE, AND PILING ^b	2,701	--	--	258	--	3,740	2,096	8,795
TOTAL	164,506	180,844	120,101	10,441	263,439	322,406	232,826	1,294,563
SOUTHWEST:								
LUMBER	4,985	142,615	82,209	1,440	78,036	112,353	63,501	485,139
VENEER AND PLYWOOD	4,729	99,412	49,992	17,089	40,918	54,718	46,543	313,401
PULP AND BOARD	--	--	--	--	--	--	22,000	22,000
EXPORT ^c	--	--	--	--	--	--	--	--
TOTAL	9,714	242,027	132,201	18,529	118,954	167,071	132,044	820,540
CENTRAL:								
LUMBER	2,000	63,604	2,000	27,760	30,094	5,387	81,524	212,369
VENEER AND PLYWOOD ^d	--	68,369	--	--	38,130	--	32,499	138,998
PULP AND BOARD	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	--	2,567	--	--	--	10,765	1,001	14,333
TOTAL	2,000	134,540	2,000	27,760	68,224	16,152	115,024	365,700
BLUE MOUNTAIN:								
LUMBER	--	187,713	--	--	69,030	7,864	151,571	416,178
VENEER AND PLYWOOD ^d	--	--	--	--	--	--	--	--
PULP AND BOARD	--	98,478	--	--	--	12,311	12,311	123,100
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	--	--
TOTAL	--	286,191	--	--	69,030	20,175	163,882	539,278
ALL AREAS:								
LUMBER	104,339	663,566	201,662	73,243	520,465	497,305	653,289	2,713,869
VENEER AND PLYWOOD	134,296	208,676	102,808	22,702	220,106	152,209	155,407	996,204
PULP AND BOARD	57,560	98,478	--	--	--	12,311	34,311	202,660
SHAKE AND SHINGLE	170	1,836	60	--	712	822	1,267	4,867
EXPORT	--	--	--	1,423	975	73,445	16,389	92,232
POST, POLE, AND PILING	2,701	2,567	--	258	--	14,505	3,097	23,128
TOTAL	299,066	975,123	304,530	97,626	742,258	750,597	863,760	4,032,960

^a Blue Mountain Area and Northwest Area combined to avoid disclosure.^b Northwest and West-Central Area combined to avoid disclosure.^c Southwest Area and West-Central Area combined to avoid disclosure.^d Blue Mountain Area and Central Area combined to avoid disclosure.

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

RESOURCE AREA AND INDUSTRY	DOUGLAS-FIR	HEMLOCK	TRUE FIRS	SPRUCE	PONDEROSA PINE	LODGEPOLE PINE	WESTERN RED CEDAR	OTHER SOFTWOODS	RED ALDER	OTHER HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE											
NORTHWEST:											
LUMBER	562,806	143,869	26,218	1,950	3,120	1,314	11,635	12	1,243	1,838	754,005
VENEER AND PLYWOOD	170,602	17,493	--	36,656	400	400	--	--	5,000	--	230,551
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	2,423	55	--	--	2,478
EXPORT	11,526	11,491	2,445	383	--	--	--	--	--	--	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--	--	--	--
TOTAL	744,934	172,853	28,663	38,989	3,520	1,714	14,058	67	6,243	1,838	1,012,879
WEST-CENTRAL:											
LUMBER	689,359	102,125	23,407	5,591	--	--	22,090	3,450	156	--	846,178
VENEER AND PLYWOOD	240,100	45,209	17,131	1,120	700	--	--	731	4,363	3,900	313,254
PULP AND BOARD	57,560	--	--	--	--	--	--	--	--	--	57,560
SHAKE AND SHINGLE	--	--	--	--	--	--	2,389	--	--	--	2,389
EXPORT ^c	49,465	9,920	2,605	3,693	--	--	--	--	--	--	66,387
POST, POLE, AND PILING ^b	8,794	--	1	--	--	--	--	561	--	143	8,795
TOTAL	1,045,278	157,254	43,144	10,404	700	--	24,479	4,742	4,519	4,043	1,294,563
SOUTHWEST:											
LUMBER	226,214	31,887	35,646	7,405	121,782	2,829	20,122	35,889	3,300	65	485,139
VENEER AND PLYWOOD	239,509	13,760	40,999	--	--	1,048	--	--	12,766	5,319	313,401
PULP AND BOARD	--	--	--	--	--	--	--	--	--	22,000	22,000
EXPORT ^c	--	--	--	--	--	--	--	--	--	--	--
TOTAL	465,723	45,647	76,645	7,405	121,782	3,877	20,122	35,889	16,066	27,384	820,540
CENTRAL:											
LUMBER	17,491	19,297	4,000	--	164,979	6,602	--	--	--	--	212,369
VENEER AND PLYWOOD ^d	66,557	857	70,727	857	--	--	--	--	--	--	138,998
PULP AND BOARD	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	29	--	--	--	42	14,262	--	--	--	--	14,333
TOTAL	84,077	20,154	74,727	857	165,021	20,864	--	--	--	--	365,700
BLUE MOUNTAIN:											
LUMBER	116,279	5,100	102,986	13,895	160,918	5,772	--	11,228	--	--	416,178
VENEER AND PLYWOOD ^d	--	--	--	--	--	--	--	--	--	--	--
PULP AND BOARD	12,311	--	30,775	--	--	80,014	--	--	--	--	123,100
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	--	--	--	--	--
TOTAL	128,590	5,100	133,761	13,895	160,918	85,786	--	11,228	--	--	539,278
ALL AREAS:											
LUMBER	1,612,149	302,278	192,257	28,841	450,799	16,517	53,847	50,579	4,699	1,903	2,713,869
VENEER AND PLYWOOD	716,768	77,319	128,857	38,633	1,100	1,448	--	731	22,129	9,219	996,204
PULP AND BOARD	69,871	--	30,775	--	--	80,014	--	--	--	22,000	202,660
SHAKE AND SHINGLE	--	--	--	--	--	--	4,812	55	--	--	4,867
EXPORT	60,991	21,411	5,050	4,076	--	--	--	561	--	143	92,232
POST, POLE, AND PILING	8,823	--	1	--	42	14,262	--	--	--	--	23,128
TOTAL	2,468,602	401,008	356,940	71,550	451,941	112,241	58,659	51,926	26,828	33,265	4,032,960

^a Blue Mountain Area and Northwest Area combined to avoid disclosure.^b Northwest Areas and West-Central Area combined to avoid disclosure.^c Southwest Area and West-Central Area combined to avoid disclosure.^d Blue Mountain Area and Central Area combined to avoid disclosure.

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

RESOURCE AREA AND INDUSTRY	WOOD RESIDUE					
	USED ^a				UNUSED	ALL WOOD
	PULP AND BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>						
NORTHWEST:						
LUMBER	1,027,631	113,625	22,041	1,163,297	--	1,163,297
VENEER AND PLYWOOD ^b	236,680	3,961	61,308	301,949	--	301,949
SHAKE AND SHINGLE ^b	--	1,260	431	1,691	8	1,699
TOTAL	1,264,311	118,846	83,780	1,466,937	8	1,466,945
WEST-CENTRAL:						
LUMBER	1,038,976	337,779	37,539	1,414,294	--	1,414,294
VENEER AND PLYWOOD	531,165	65,820	60,347	657,332	--	657,332
SHAKE AND SHINGLE	665	637	1,996	3,298	35	3,333
TOTAL	1,570,806	404,236	99,882	2,074,924	35	2,074,959
SOUTHWEST:						
LUMBER	543,438	189,416	33,072	765,926	--	765,926
VENEER AND PLYWOOD	279,930	124,091	64,307	468,328	--	468,328
TOTAL	823,368	313,507	97,379	1,234,254	--	1,234,254
CENTRAL:						
LUMBER	110,983	30,059	46,299	187,341	--	187,341
VENEER AND PLYWOOD ^c	253,710	39,410	12,795	305,915	--	305,915
TOTAL	364,693	69,469	59,094	493,256	--	493,256
BLUE MOUNTAIN:						
LUMBER	373,805	206,581	--	580,386	2,062	582,448
VENEER AND PLYWOOD ^c	--	--	--	--	--	--
SHAKE AND SHINGLE ^b	--	--	--	--	--	--
TOTAL	373,805	206,581	--	580,386	2,062	582,448
ALL AREAS:						
LUMBER	3,094,833	887,460	138,951	4,111,244	2,062	4,113,306
VENEER AND PLYWOOD	1,301,485	233,282	198,757	1,733,524	--	1,733,524
SHAKE AND SHINGLE	665	1,897	2,427	4,989	43	5,032
TOTAL	4,396,983	1,112,639	340,135	5,849,757	2,105	5,851,862

See footnotes at end of table.

All Industries

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

RESOURCE AREA AND INDUSTRY	BARK RESIDUE						
	USED ^a				UNUSED	ALL BARK	ALL RESIDUE
	PULP AND BOARD	FUEL	MISCELLANEOUS	TOTAL			
TONS. DRY WEIGHT							
NORTHWEST:							
LUMBER	12,098	174,792	119,048	305,938	1	305,939	1,469,236
VENEER AND PLYWOOD	--	92,200	--	92,200	--	92,200	394,149
SHAKE AND SHINGLE ^b	--	789	--	789	--	789	2,488
TOTAL	12,098	267,781	119,048	398,927	1	398,928	1,865,873
WEST-CENTRAL:							
LUMBER	--	317,727	77,412	395,139	--	395,139	1,809,433
VENEER AND PLYWOOD	--	167,347	10,113	177,460	178	177,638	834,970
SHAKE AND SHINGLE	--	1,051	187	1,238	--	1,238	4,571
TOTAL	--	486,125	87,712	573,837	178	574,015	2,648,974
SOUTHWEST:							
LUMBER	--	179,639	25,534	205,173	--	205,173	971,099
VENEER AND PLYWOOD	--	113,677	--	113,677	--	113,677	582,005
TOTAL	--	293,316	25,534	318,850	--	318,850	1,553,104
CENTRAL:							
LUMBER	--	43,693	593	44,286	--	44,286	350,201
VENEER AND PLYWOOD ^c	--	82,748	--	82,748	--	82,748	388,663
TOTAL	--	126,441	593	127,034	--	127,034	620,290
BLUE MOUNTAIN:							
LUMBER	--	124,790	13,133	137,923	1,058	138,981	721,429
VENEER AND PLYWOOD ^c	--	--	--	--	--	--	--
SHAKE AND SHINGLE ^b	--	--	--	--	--	--	--
TOTAL	--	124,790	13,133	137,923	1,058	138,981	721,429
ALL AREAS:							
LUMBER	12,098	840,641	235,720	1,088,459	1,059	1,089,518	5,202,824
VENEER AND PLYWOOD	--	455,972	10,113	466,085	178	466,263	2,199,787
SHAKE AND SHINGLE	--	1,840	187	2,027	--	2,027	7,059
TOTAL	12,098	1,298,453	246,020	1,556,571	1,237	1,557,808	7,409,670

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

^b Northwest Area and Blue Mountain Area combined to avoid disclosure.

^c Central Area and Blue Mountain Area combined to avoid disclosure.

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

RESOURCE AREA AND COUNTY	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
NORTHWEST:					
CLACKAMAS	2	--	1	3	6
CLATSOP	--	--	1	--	1
COLUMBIA	2	--	--	2	4
HOOD RIVER	--	--	--	1	1
MARION	1	--	--	--	1
MULTNOMAH	--	--	--	1	1
POLK	1	--	--	2	3
TILLAMOOK	--	--	--	2	2
WASHINGTON	1	--	1	1	3
YAMHILL	1	--	--	2	3
TOTAL	8	--	3	14	25
WEST-CENTRAL:					
BENTON	--	--	1	4	5
LANE	--	--	2	10	12
LINCOLN	--	--	--	1	1
LINN	--	--	--	4	4
TOTAL	--	--	3	19	22
SOUTHWEST:					
COOS	2	1	--	1	4
CURRY	2	--	--	--	2
DOUGLAS	--	--	--	6	6
JACKSON	--	2	1	4	7
JOSEPHINE	--	--	--	1	1
TOTAL	4	3	1	12	20
CENTRAL:					
CROOK	--	--	2	--	2
JEFFERSON	--	--	--	1	1
KLAMATH	--	1	--	1	2
LAKE	--	1	--	--	1
TOTAL	2	2	2	2	6
BLUE MOUNTAIN:					
BAKER	--	--	--	1	1
GRANT	1	--	--	1	2
MORROW	--	--	--	1	1
UMATILLA	--	2	--	1	3
UNION	--	--	--	4	4
WALLOWA	--	1	--	1	2
TOTAL	1	3	--	9	13
ALL AREAS	13	8	9	56	86

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

Sawmill Industry

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

RESOURCE AREA AND INDUSTRY	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>					
NORTHWEST:					
CLACKAMAS	13	--	85	495	593
CLATSOP	--	--	108	--	108
COLUMBIA	7	--	--	332	339
HOOD RIVER	--	--	--	375	375
MARION	10	--	--	--	10
MULTNOMAH	--	--	--	120	120
POLK	16	--	--	440	456
TILLAMOOK	--	--	--	590	590
WASHINGTON	18	--	100	476	594
YAMHILL	10	--	--	750	760
TOTAL	74	--	293	3,578	3,945
WEST-CENTRAL:					
BENTON	--	--	100	1,010	1,110
LANE	--	--	200	2,480	2,680
LINCOLN	--	--	--	180	170
LINN	--	--	--	695	695
TOTAL	--	--	300	4,365	4,665
SOUTHWEST:					
COOS	23	40	--	230	293
CURRY	11	--	--	--	11
DOUGLAS	--	--	--	1,005	1,005
JACKSON	--	120	115	975	1,210
JOSEPHINE	--	--	--	280	280
TOTAL	34	160	115	2,490	2,799
CENTRAL:					
CROOK	--	--	210	--	210
JEFFERSON	--	--	--	180	180
KLAMATH	--	75	--	170	245
LAKE	--	75	--	--	75
TOTAL	--	150	210	350	710
BLUE MOUNTAIN:					
BAKER	--	--	--	175	175
GRANT	18	--	--	120	138
MORROW	--	--	--	250	250
UMATILLA	--	140	--	125	265
UNION	--	--	--	590	590
WALLOWA	--	70	--	130	200
TOTAL	18	210	--	1,390	1,618
ALL AREAS	126	520	918	12,173	13,737

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

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

RESOURCE AREA AND SELECTED EQUIPMENT	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
NORTHWEST:					
BARKER	1	--	3	14	18
CHIPPER	3	--	2	14	19
PLANER	5	--	3	14	22
BURNER	1	--	--	--	1
KILN	2	--	1	7	10
WEST-CENTRAL:					
BARKER	--	--	3	19	22
CHIPPER	--	--	3	19	22
PLANER	--	--	3	19	22
BURNER	--	--	--	3	3
SOUTHWEST:					
BARKER	2	2	1	12	17
CHIPPER	2	3	1	12	18
PLANER	1	2	1	12	16
BURNER	--	1	--	1	2
KILN	1	2	1	8	12
CENTRAL:					
BARKER	--	2	2	2	6
CHIPPER	--	2	2	2	6
PLANER	--	2	2	2	6
KILN	--	2	2	2	6
BLUE MOUNTAIN:					
BARKER	1	3	--	8	12
CHIPPER	1	3	--	8	12
PLANER	--	1	--	9	10
BURNER	--	--	--	1	1
KILN	--	2	--	7	9
ALL AREAS:					
BARKER	4	7	9	55	75
CHIPPER	6	8	8	55	77
PLANER	6	5	9	56	76
BURNER	1	1	--	5	7
KILN	3	6	4	33	46

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

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

RESOURCE AREA AND COUNTY	BARKER	CHIPPER	PLANER	BURNER	KILN
NORTHWEST:					
CLACKAMAS	4	4	5	--	2
CLATSOP	1	--	1	--	1
COLUMBIA	2	2	3	--	--
HOOD RIVER	1	1	1	--	1
MARION	--	1	1	1	1
MULTNOMAH	1	1	1	--	--
POLK	2	3	2	--	2
TILLAMOOK	2	2	2	--	1
WASHINGTON	3	3	3	--	1
YAMHILL	2	2	3	--	1
TOTAL	18	19	22	1	10
WEST-CENTRAL:					
BENTON	5	5	5	1	2
LANE	12	12	12	1	4
LINCOLN	1	1	1	--	--
LINN	4	4	4	1	3
TOTAL	22	22	22	3	9
SOUTHWEST:					
COOS	2	3	1	--	1
CURRY	1	1	1	--	--
DOUGLAS	6	6	6	1	4
JACKSON	7	7	7	1	6
JOSEPHINE	1	1	1	--	1
TOTAL	17	18	16	2	12
CENTRAL:					
CROOK	2	2	2	--	2
JEFFERSON	1	1	1	--	1
KLAMATH	2	2	2	--	2
LAKE	1	1	1	--	1
TOTAL	6	6	6	--	6
BLUE MOUNTAIN:					
BAKER	1	1	1	--	1
GRANT	1	1	1	--	1
MORROW	1	1	1	--	1
UMATILLA	3	3	2	--	2
UNION	4	4	4	1	3
WALLOWA	2	2	1	--	2
TOTAL	12	12	10	1	9
ALL AREAS	75	77	76	7	46

Table 14--Number of sawmills by resource area, mill-size class, and type and size of headrig,^a Oregon, 1992

RESOURCE AREAS AND MILL-SIZE CLASS ^b	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
NORTHWEST:																			
D	1	5	1	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	1	--	2	--	--	--	--	--	--	--	--	--	--	--
A	--	--	--	--	--	1	5	5	1	--	1	1	--	2	1	--	2	--	--
TOTAL	1	5	1	--	1	2	5	7	1	--	1	1	--	2	1	--	2	--	--
WEST-CENTRAL:																			
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	2	--	1	--	--	--	--	--	--	--	--	--
A	--	1	--	--	--	2	4	10	--	--	--	1	--	3	--	1	1	--	--
TOTAL	--	1	--	--	--	2	4	12	--	1	--	1	--	3	--	1	1	--	--
SOUTHWEST:																			
D	--	1	--	--	1	--	1	1	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	2	1	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
A	--	1	--	--	--	1	3	6	--	--	2	--	--	2	1	--	1	--	--
TOTAL	--	2	--	--	1	1	4	10	1	--	2	--	--	2	1	--	1	--	--
CENTRAL:																			
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--
A	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	2	4	--	--	--	--	--	--	--	--	--	--	--
BLUE MOUNTAIN:																			
D	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	2	--	--	--	--	--	5	4	--	--	1	--	--	1	--	--	--	--	--
TOTAL	2	1	--	--	--	--	5	7	--	--	1	--	--	1	--	--	--	--	--
ALL AREAS:																			
D	1	7	1	--	2	--	1	1	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	1	6	1	--	--	--	--	--	--	--	--	--	--
B	--	--	--	--	--	1	--	7	--	1	--	--	--	--	--	--	--	--	--
A	2	2	--	--	--	4	18	26	1	--	4	2	--	8	2	1	4	--	--
TOTAL	3	9	1	--	2	5	20	40	2	1	4	2	--	8	2	1	4	--	--

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

Sawmill Industry

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

MILL-SIZE CLASS ^a AND YEARS AT PRESENT SITE	TENURE OF PRESENT OWNER (YEARS)					ALL MILLS
	0-2	3-5	6-10	11-20	21 PLUS	
D:						
0-2	--	--	--	--	--	--
3-5	--	--	--	--	--	--
6-10	--	--	2	1	--	3
11-20	--	1	--	3	--	4
21 PLUS	--	1	--	1	4	6
TOTAL	--	2	2	5	4	13
C:						
0-2	--	--	--	--	--	--
3-5	--	--	--	--	--	--
6-10	--	--	1	--	--	1
11-20	--	--	--	--	--	--
21 PLUS	--	--	--	1	6	7
TOTAL	--	--	1	1	6	8
B:						
0-2	--	--	--	--	--	--
3-5	--	--	--	--	--	--
6-10	--	--	--	--	--	--
11-20	--	--	1	--	--	1
21 PLUS	--	--	3	1	4	8
TOTAL	--	--	4	1	4	9
A:						
0-2	1	--	--	--	--	1
3-5	--	1	--	--	--	1
6-10	--	1	4	--	--	5
11-20	1	--	1	3	--	5
21 PLUS	--	3	8	6	27	44
TOTAL	2	5	13	9	27	56
ALL CLASSES						
0-2	1	--	--	--	--	1
3-5	--	1	--	--	--	1
6-10	--	1	7	1	--	9
11-20	1	1	2	6	--	10
21 PLUS	--	4	11	9	41	65
TOTAL	2	7	20	16	41	86

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

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

RESOURCE AREA	MILL-SIZE CLASS ^a				ALL CLASSES
	D	C	B	A	
<u>AVERAGE DAYS PER YEAR</u>					
NORTHWEST	157	--	250	226	207
WEST-CENTRAL	--	--	259	235	238
SOUTHWEST	190	276	84	254	236
CENTRAL	--	248	305	250	267
BLUE MOUNTAIN	225	245	--	245	243
ALL AREAS ^b	173	257	247	239	231
<u>AVERAGE SHIFTS PER DAY</u>					
NORTHWEST	1.00	--	1.67	1.64	1.44
WEST-CENTRAL	--	--	1.00	1.68	1.59
SOUTHWEST	2.00	2.33	1.67	1.58	1.75
CENTRAL	--	1.50	2.00	2.00	1.83
BLUE MOUNTAIN	1.00	2.00	--	1.78	1.77
ALL AREAS ^b	1.15	2.00	1.44	1.68	1.60

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

^b Average of all mills within each mill-size class.

Sawmill Industry

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

RESOURCE AREAS AND MILL-SIZE CLASS ^a	ROUNDWOOD			OTHER WOOD		ALL WOOD
	SOUND LOGS	UTILITY LOGS	ALL ROUNDWOOD	PEELER CORES	CANTS	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>						
NORTHWEST:						
D	3,886	73	3,959	--	--	3,959
B	80,860	1,140	82,000	--	--	82,000
A	655,704	12,342	668,046	6,182	--	674,228
TOTAL	740,450	13,555	754,005	6,182	--	760,187
WEST-CENTRAL:						
B	37,772	5,837	43,609	--	--	43,609
A	770,474	32,095	802,569	--	--	802,569
TOTAL	808,246	37,932	846,178	--	--	846,178
SOUTHWEST:						
D	3,123	345	3,468	--	--	3,468
B AND C ^b	83,615	1,748	85,363	--	--	85,363
A	378,666	17,642	396,308	1,022	1,800	399,130
TOTAL	465,404	19,735	485,139	1,022	1,800	487,961
CENTRAL:						
A, B, AND C ^b	204,480	7,889	212,369	--	--	212,369
TOTAL	204,480	7,889	212,369	--	--	212,369
BLUE MOUNTAIN:						
C AND D ^b	58,473	4,032	62,505	--	--	62,505
A	348,928	4,745	353,673	--	--	353,673
TOTAL	407,401	8,777	416,178	--	--	416,178
ALL AREAS:						
D	7,009	418	7,427	--	--	7,427
C	346,568	13,669	360,237	--	--	360,237
B	118,632	6,977	125,609	--	--	125,609
A	2,153,772	66,824	2,220,596	7,204	1,800	2,229,600
TOTAL	2,625,981	87,888	2,713,869	7,204	1,800	2,722,873

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

^b Combined to avoid disclosure.

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	100 YEARS AND OLDER	LESS THAN 100 YEARS	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST:			
D	572	3,387	3,959
B	1,350	80,650	82,000
A	<u>150,306</u>	<u>517,740</u>	<u>668,046</u>
TOTAL	152,228	601,777	754,005
WEST-CENTRAL:			
B	38,784	4,825	43,609
A	<u>167,003</u>	<u>635,566</u>	<u>802,569</u>
TOTAL	205,787	640,391	846,178
SOUTHWEST:			
D	536	2,932	3,468
B AND C ^b	84,388	975	85,363
A	<u>133,776</u>	<u>262,532</u>	<u>396,308</u>
TOTAL	218,700	266,439	485,139
CENTRAL:			
A, B, and C ^b	<u>102,925</u>	<u>109,444</u>	<u>212,369</u>
TOTAL	102,925	109,444	212,369
BLUE MOUNTAIN:			
C AND D ^b	41,704	20,801	62,505
A	<u>162,769</u>	<u>190,904</u>	<u>353,673</u>
TOTAL	204,473	211,705	416,178
ALL AREAS:			
D	1,108	6,319	7,427
C	229,017	131,220	360,237
B	40,134	85,475	125,609
A	<u>613,854</u>	<u>1,606,742</u>	<u>2,220,596</u>
TOTAL	884,113	1,829,756	2,713,869

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

^b Combined to avoid disclosure.

Sawmill Industry

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

RESOURCE AREA AND COUNTY OF USE	100 YEARS AND OLDER	LESS THAN 100 YEARS	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST:			
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^a	107,366	82,125	189,491
CLATSOP, COLUMBIA, AND TILLAMOOK ^a	4,739	202,141	206,880
MARION, AND POLK ^a	31,383	49,955	81,338
WASHINGTON	--	115,329	115,329
YAMHILL	8,740	152,227	160,967
TOTAL	152,228	601,777	754,005
WEST-CENTRAL:			
BENTON AND LINCOLN ^a	17,224	169,834	187,058
LANE	123,470	386,353	509,823
LINN	65,093	84,204	149,297
TOTAL	205,787	640,391	846,178
SOUTHWEST:			
COOS AND CURRY ^a	27,761	26,932	54,693
DOUGLAS	31,898	142,013	173,911
JACKSON AND JOSEPHINE ^a	159,041	97,494	256,535
TOTAL	218,700	266,439	485,139
CENTRAL:			
CROOK AND JEFFERSON ^a	70,184	63,704	133,888
KLAMATH AND LAKE ^a	32,741	45,740	78,481
TOTAL	102,925	109,444	212,369
BLUE MOUNTAIN:			
BAKER AND GRANT ^a	54,150	32,250	86,400
MORROW AND UMATILLA ^a	31,745	90,387	122,132
UNION AND WALLOWA ^a	118,578	89,068	207,646
TOTAL	204,473	211,705	416,178
ALL AREAS	884,113	1,829,756	2,713,869

^a Combined to avoid disclosure.

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

RESOURCE AREAS AND MILL-SIZE CLASS ^a	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY			ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY	OTHER PRIVATE	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
NORTHWEST:								
D	397	--	159	--	--	1,412	1,991	3,959
B	2,190	1,800	90	--	24,450	13,150	40,320	82,000
A	69,623	119,538	34,324	33,860	117,434	143,099	150,168	668,046
TOTAL	72,210	121,338	34,573	33,860	141,884	157,661	192,479	754,005
WEST-CENTRAL:								
B	--	15,126	22,878	--	--	4,749	856	43,609
A	25,144	133,170	60,002	10,183	201,421	209,291	163,358	802,569
TOTAL	25,144	148,296	82,880	10,183	201,421	214,040	164,214	846,178
SOUTHWEST:								
D	--	15	--	--	585	1,455	1,413	3,468
B AND C ^b	757	28,128	10,589	--	15,127	25,974	4,788	85,363
A	4,228	114,472	71,620	1,440	62,324	84,924	57,300	396,308
TOTAL	4,985	142,615	82,209	1,440	78,036	112,353	63,501	485,139
CENTRAL:								
A, B, AND C ^b	2,000	63,604	2,000	27,760	30,094	5,387	81,524	212,369
TOTAL	2,000	63,604	2,000	27,760	30,094	5,387	81,524	212,369
BLUE MOUNTAIN:								
C AND D ^b	--	24,454	--	--	5,869	--	32,182	62,505
A	--	163,259	--	--	63,161	7,864	119,389	353,673
TOTAL	--	187,713	--	--	69,030	7,864	151,571	416,178
ALL AREAS:								
D	397	15	159	--	585	2,867	3,404	7,427
C	2,757	116,186	12,589	27,760	51,090	31,361	118,494	360,237
B	2,190	16,926	22,968	--	24,450	17,899	41,176	125,609
A	98,995	530,439	165,946	45,483	444,340	445,178	490,215	2,220,596
TOTAL	104,339	663,566	201,662	73,243	520,465	497,305	653,289	2,713,869

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

^b Combined to avoid disclosure.

Sawmill Industry

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

RESOURCE AREA AND COUNTY OF USE	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGENEMT	OTHER PUBLIC	FOREST INDUSTRY		OTHER PRIVATE	ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY		
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTHWEST:								
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^a	2,141	94,265	5,561	26,780	--	4,618	56,126	189,491
CLATSOP, COLUMBIA, AND TILLAMOOK ^a	23,984	10,444	3,080	2,310	40,217	68,238	58,607	206,880
MARION AND POLK ^a	5,505	5,514	12,112	810	29,218	11,503	16,676	81,338
WASHINGTON	9,600	1,875	--	--	46,049	30,562	27,243	115,329
YAMHILL	30,980	9,240	13,820	3,960	26,400	42,740	33,827	160,967
TOTAL	72,210	121,338	34,573	33,860	141,884	157,661	192,479	754,005
WEST-CENTRAL:								
BENTON AND LINCOLN ^a	6,648	1,811	19,342	6,420	40,032	42,777	69,528	187,058
LANE	14,607	107,326	46,619	--	129,163	141,854	70,254	509,823
LINN	3,889	39,159	16,419	3,763	32,226	29,409	24,432	149,297
TOTAL	25,144	148,296	82,880	10,183	201,421	214,040	164,214	846,178
SOUTHWEST:								
COOS AND CURRY ^a	1,440	7,215	1,920	1,440	31,785	6,919	3,974	54,693
DOUGLAS	2,788	32,199	31,366	--	27,528	40,450	39,580	173,911
JACKSON AND JOSEPHINE ^a	757	103,201	48,923	--	18,723	64,984	19,947	256,535
TOTAL	4,985	142,615	82,209	1,440	78,036	112,353	63,501	485,139
CENTRAL:								
CROOK AND JEFFERSON ^a	--	25,832	--	27,760	30,094	4,213	45,989	133,888
KLAMATH AND LAKE ^a	2,000	37,772	2,000	--	--	1,174	35,535	78,481
TOTAL	2,000	63,604	2,000	27,760	30,094	5,387	81,524	212,369
BLUE MOUNTAIN:								
BAKER AND GRANT ^a	--	54,320	--	--	280	2,450	29,350	86,400
MORROW AND UMATILLA ^a	--	33,522	--	--	39,628	--	48,982	122,132
UNION AND WALLOWA ^a	--	99,871	--	--	29,122	5,414	73,239	207,646
TOTAL	--	187,713	--	--	69,030	7,864	151,571	416,178
ALL AREAS	104,339	663,566	201,662	73,243	520,465	497,305	653,289	2,713,869

^a Combined to avoid disclosure.

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	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												
NORTHWEST:												
D	8	--	--	--	7	1	--	--	7	1	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--
B	2	1	--	--	1	2	--	--	2	1	--	--
A	4	6	2	2	4	10	--	--	7	7	--	--
TOTAL	14	7	2	2	12	13	--	--	16	9	--	--
WEST-CENTRAL:												
D	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--
B	1	1	--	1	3	--	--	--	1	--	1	1
A	7	8	3	1	12	7	--	--	10	9	--	--
TOTAL	8	9	3	2	15	7	--	--	11	9	1	1
SOUTHWEST:												
D	3	1	--	--	4	--	--	--	4	--	--	--
C	1	2	--	--	1	2	--	--	1	2	--	--
B	--	--	--	1	1	--	--	--	1	--	--	--
A	--	8	3	1	9	3	--	--	3	8	--	1
TOTAL	4	11	3	2	15	5	--	--	9	10	--	1
CENTRAL:												
D	--	--	--	--	--	--	--	--	--	--	--	--
C	--	1	--	1	2	--	--	--	2	--	--	--
B	--	1	1	--	2	--	--	--	2	--	--	--
A	1	--	1	--	1	1	--	--	1	1	--	--
TOTAL	1	2	2	1	5	1	--	--	5	1	--	--
BLUE MOUNTAIN:												
D	--	1	--	--	1	--	--	--	1	--	--	--
C	--	1	2	--	3	--	--	--	3	--	--	--
B	--	--	--	--	--	--	--	--	--	--	--	--
A	--	2	5	2	9	--	--	--	9	--	--	--
TOTAL	--	4	7	2	13	--	--	--	13	--	--	--
ALL AREAS:												
D	11	2	--	--	12	1	--	--	12	1	--	--
C	1	4	2	1	6	2	--	--	6	2	--	--
B	3	3	1	2	7	2	--	--	6	1	1	1
A	12	24	14	6	35	21	--	--	30	25	--	1
TOTAL	27	33	17	9	60	26	--	--	54	29	1	2

See footnote at end of table.

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

FOREST INDUSTRY																
RESOURCE AREA AND MILL-SIZE CLASS ^a	OTHER PUBLIC				OWN WOOD SUPPLY				OTHER WOOD SUPPLY				OTHER PRIVATE			
	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%
	NUMBER OF MILLS															
NORTHWEST:																
D	8	--	--	--	8	--	--	--	5	--	1	2	2	1	--	5
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	3	--	--	--	1	1	1	--	--	3	--	--	--	--	3	--
A	9	4	1	--	8	4	2	--	4	8	1	1	1	9	3	1
TOTAL	20	4	1	--	17	5	3	--	9	11	2	3	3	10	6	6
WEST-CENTRAL:																
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	3	--	--	--	3	--	--	--	--	3	--	--	1	2	--	--
A	15	4	--	--	9	6	2	2	1	10	2	6	6	11	1	1
TOTAL	18	4	--	--	12	6	2	2	1	13	2	6	7	13	1	1
SOUTHWEST:																
D	4	--	--	--	3	--	1	--	2	1	--	1	--	1	1	2
C	3	--	--	--	1	2	--	--	--	2	--	1	--	3	--	--
B	1	--	--	--	1	--	--	--	--	1	--	--	--	1	--	--
A	11	1	--	--	7	3	2	--	3	5	3	1	4	4	4	--
TOTAL	19	1	--	--	12	5	3	--	5	9	3	3	4	9	5	2
CENTRAL:																
D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	2	--	--	--	2	--	--	--	1	1	--	--	--	1	--	1
B	2	--	--	--	1	--	1	--	1	1	--	--	--	1	1	--
A	1	--	--	--	2	--	--	--	2	--	--	--	--	1	1	--
TOTAL	5	--	--	--	5	--	1	--	4	2	--	--	--	3	2	1
BLUE MOUNTAIN:																
D	1	--	--	--	--	1	--	--	1	--	--	--	--	--	--	1
C	3	--	--	--	2	1	--	--	3	--	--	--	--	1	1	1
B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	9	--	--	--	4	4	1	--	7	2	--	--	--	6	3	--
TOTAL	13	--	--	--	6	6	1	--	11	2	--	--	--	7	4	2
ALL AREAS:																
D	13	--	--	--	11	1	1	--	8	1	1	3	2	2	1	8
C	8	--	--	--	5	3	--	--	4	3	--	1	--	5	1	2
B	9	--	--	--	6	1	2	--	1	8	--	--	1	4	4	--
A	45	9	1	1	30	17	7	2	17	25	6	8	11	31	12	2
TOTAL	75	9	1	1	52	22	10	2	30	37	7	12	14	42	18	12

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

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	DOUGLAS-FIR	HEMLOCK	TRUE FIRS	SPRUCE	PONDEROSA PINE	LODGEPOLE PINE	WESTERN REDCEDAR	OTHER SOFTWOODS	RED ALDER	OTHER HARDWOODS	ALL SPECIES
THOUSAND BOARD FEET, SCRIBNER LOG RULE											
NORTHWEST:											
D	699	6	9	--	--	14	138	12	1,243	1,838	3,959
B	61,000	12,000	--	--	--	--	9,000	--	--	--	82,000
A	501,107	131,863	26,209	1,950	3,120	1,300	2,497	--	--	--	668,046
TOTAL	562,806	143,869	26,218	1,950	3,120	1,314	11,635	12	1,243	1,838	754,005
WEST-CENTRAL:											
B	42,471	982	--	--	--	--	--	--	156	--	43,609
A	646,888	101,143	23,407	5,591	--	--	22,090	3,450	--	--	802,569
TOTAL	689,359	102,125	23,407	5,591	--	--	22,090	3,450	156	--	846,178
SOUTHWEST:											
D	196	3	6	15	--	2	305	1,076	1,800	65	3,468
B AND C ^b	3,225	--	--	--	79,830	--	--	2,308	--	--	85,363
A	222,793	31,884	35,640	7,390	41,952	2,827	19,817	32,505	1,500	--	396,308
TOTAL	226,214	31,887	35,646	7,405	121,782	2,829	20,122	35,889	3,300	65	485,139
CENTRAL:											
A, B, AND C ^b	17,491	19,297	4,000	--	164,979	6,602	--	--	--	--	212,369
TOTAL	17,491	19,297	4,000	--	164,979	6,602	--	--	--	--	212,369
BLUE MOUNTAIN:											
C AND D ^b	16,578	210	8,660	1,853	28,087	635	--	6,482	--	--	62,505
A	99,701	4,890	94,326	12,042	132,831	5,137	--	4,746	--	--	353,673
TOTAL	116,279	5,100	102,986	13,895	160,918	5,772	--	11,228	--	--	416,178
ALL AREAS:											
D	895	9	15	15	--	16	443	1,088	3,043	1,903	7,427
C	37,294	19,507	12,660	1,853	272,896	7,237	--	8,790	--	--	360,237
B	103,471	12,982	--	--	--	--	9,000	--	156	--	125,609
A	1,470,489	269,780	179,582	26,973	177,903	9,264	44,404	40,701	1,500	--	2,220,596
TOTAL	1,612,149	302,278	192,257	28,841	450,799	16,517	53,847	50,579	4,699	1,903	2,713,869

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

^b Combined to avoid disclosure.

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

RESOURCE AREA AND COUNTY OF USE	DOUGLAS-FIR	HEMLOCK	TRUE FIRS	SPRUCE	PONDEROSA PINE	LODGEPOLE PINE	WESTERN REDCEDAR	OTHER SOFTWOODS	RED ALDER	OTHER HARDWOODS	ALL SPECIES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>											
NORTHWEST:											
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^a	115,384	30,901	26,218	1,950	3,120	1,314	10,572	12	--	20	189,491
CLATSOP, COLUMBIA, AND TILLAMOOK ^a	119,659	87,101	--	--	--	--	120	--	--	--	206,880
MARION AND POLK ^a	77,741	1,036	--	--	--	--	--	--	1,243	1,318	81,338
WASHINGTON	89,555	24,831	--	--	--	--	943	--	--	--	115,329
YAMHILL	160,467	--	--	--	--	--	--	--	--	500	160,967
TOTAL	562,806	143,869	26,218	1,950	3,120	1,314	11,635	12	1,243	1,838	754,005
WEST-CENTRAL:											
BENTON AND LINCOLN ^a	135,413	27,843	11,322	--	--	--	12,480	--	--	--	187,058
LANE	466,390	26,834	1,043	2,340	--	--	9,610	3,450	156	--	509,823
LINN	87,556	47,448	11,042	3,251	--	--	--	--	--	--	149,297
TOTAL	689,359	102,125	23,407	5,591	--	--	22,090	3,450	156	--	846,178
SOUTHWEST:											
COOS AND CURRY ^a	51,421	3	6	15	--	2	305	1,076	1,800	65	54,693
DOUGLAS	92,566	28,069	6,126	5,678	--	2,827	19,817	17,328	1,500	--	173,911
JACKSON AND JOSEPHINE ^a	82,227	3,815	29,514	1,712	121,782	--	--	17,485	--	--	256,535
TOTAL	226,214	31,887	35,646	7,405	121,782	2,829	20,122	35,889	3,300	65	485,139
CENTRAL:											
CROOK AND JEFFERSON ^a	17,491	19,297	--	--	96,498	602	--	--	--	--	133,888
KLAMATH AND LAKE ^a	--	--	4,000	--	68,481	6,000	--	--	--	--	78,481
TOTAL	17,491	19,297	4,000	--	164,979	6,602	--	--	--	--	212,369
BLUE MOUNTAIN:											
BAKER AND GRANT ^a	12,910	210	12,000	500	60,140	640	--	--	--	--	86,400
MORROW AND UMATILLA ^a	47,486	4,890	17,593	1,055	39,685	495	--	10,928	--	--	122,132
UNION AND WALLOWA ^a	55,883	--	73,393	12,340	61,093	4,637	--	300	--	--	207,646
TOTAL	116,279	5,100	102,986	13,895	160,918	5,772	--	11,228	--	--	416,178
ALL AREAS	1,612,149	302,278	192,257	28,841	450,799	16,517	53,847	50,579	4,699	1,903	2,713,869

^a Combined to avoid disclosure.

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

RESOURCE AREAS AND MILL-SIZE CLASS ^a	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^b	UNUSED	TOTAL	USED ^b	UNUSED	TOTAL	USED ^b	UNUSED	TOTAL
<u>TONS., DRY WEIGHT</u>									
NORTHWEST:									
D	4,444	--	4,444	1,588	1	1,589	6,032	1	6,033
B	109,087	--	109,087	30,171	--	30,171	139,258	--	139,258
A	1,049,766	--	1,049,766	274,179	--	274,179	1,323,945	--	1,323,945
TOTAL	1,163,297	--	1,163,297	305,938	1	305,939	1,469,235	1	1,469,236
WEST-CENTRAL:									
B	50,148	--	50,148	16,137	--	16,137	66,285	--	66,285
A	1,364,146	--	1,364,146	379,002	--	379,002	1,743,148	--	1,743,148
TOTAL	1,414,294	--	1,414,294	395,139	--	395,139	1,809,433	--	1,809,433
SOUTHWEST:									
D	3,939	--	3,939	1,368	--	1,368	5,307	--	5,307
B AND C ^c	68,324	--	68,324	19,107	--	19,107	87,431	--	87,431
A	693,663	--	693,663	184,698	--	184,698	878,361	--	878,361
TOTAL	765,926	--	765,926	205,173	--	205,173	971,099	--	971,099
CENTRAL:									
A, B, AND C ^c	187,341	--	187,341	44,286	--	44,286	231,627	--	231,627
TOTAL	187,341	--	187,341	44,286	--	44,286	231,627	--	231,627
BLUE MOUNTAIN:									
C AND D ^c	81,771	--	81,771	20,812	--	20,812	102,583	--	102,583
A	498,615	2,062	500,677	117,111	1,058	118,169	615,726	3,120	618,846
TOTAL	580,386	2,062	582,448	137,923	1,058	138,981	718,309	3,120	721,429
ALL AREAS:									
D	8,383	--	8,383	2,956	1	2,957	11,339	1	11,340
C	337,436	--	337,436	84,205	--	84,205	421,641	--	421,641
B	159,235	--	159,235	46,308	--	46,308	205,543	--	205,543
A	3,606,190	2,062	3,608,252	954,990	1,058	956,048	4,561,180	3,120	4,564,300
TOTAL	4,111,244	2,062	4,113,306	1,088,459	1,059	1,089,518	5,199,703	3,121	5,202,824

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

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

^c Combined to avoid disclosure.

Sawmill Industry

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	COARSE RESIDUE ^b						
	USED ^c					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS. DRY WEIGHT</u>							
NORTHWEST:							
D	1,362	--	1,332	222	2,916	--	2,916
B	61,627	--	--	--	61,627	--	61,627
A	496,186	53,366	42,410	--	591,962	--	591,962
TOTAL	559,175	53,366	43,742	222	656,505	--	656,505
WEST-CENTRAL:							
B	32,947	--	--	--	32,947	--	32,947
A	631,819	--	142,346	--	774,165	--	774,165
TOTAL	664,766	--	142,346	--	807,112	--	807,112
SOUTHWEST:							
D	1,734	--	633	163	2,530	--	2,530
B AND C ^d	22,466	--	15,488	1,073	39,027	--	39,027
A	290,551	22,485	53,143	31,282	397,461	--	397,461
TOTAL	314,751	22,485	69,264	32,518	439,018	--	439,018
CENTRAL:							
A, B, AND C ^d	42,271	--	23,736	34,218	100,225	--	100,225
TOTAL	42,271	--	23,736	34,218	100,225	--	100,225
BLUE MOUNTAIN:							
C AND D ^d	46,017	--	1,084	--	47,101	--	47,101
A	221,254	18,628	27,554	--	267,436	--	267,436
TOTAL	267,271	18,628	28,638	--	314,537	--	314,537
ALL AREAS:							
D	3,096	--	1,965	385	5,446	--	5,446
C	110,754	--	40,308	35,291	186,353	--	186,353
B	94,574	--	--	--	94,574	--	94,754
A	1,639,810	94,479	265,479	31,282	2,031,024	--	2,031,024
TOTAL	1,848,234	94,479	307,726	66,958	2,317,397	--	2,317,397

See footnotes at end of table.

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

SHAVINGS						
USED ^c					UNUSED	TOTAL
PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS. DRY WEIGHT						
--	--	346	42	388	--	388
12,645	8,600	956	--	22,201	--	22,201
101,294	72,535	35,599	5,751	215,179	--	215,179
113,939	81,135	36,135	5,793	237,768	--	237,768
--	1,248	--	2,452	3,700	--	3,700
25,661	185,218	51,766	10,031	272,676	--	272,676
25,661	196,466	51,766	12,483	276,376	--	276,376
351	--	52	13	416	--	416
1,400	887	11,014	--	13,301	--	13,301
28,360	77,335	27,259	--	132,954	--	132,954
30,111	78,222	38,325	13	146,671	--	146,671
7,109	16,648	--	12,081	35,838	--	35,838
7,109	16,648	--	12,081	35,838	--	35,838
--	10,572	--	--	10,572	--	10,572
--	68,757	26,818	--	95,575	837	96,412
--	79,329	26,818	--	106,147	837	106,984
351	--	398	55	804	--	804
8,509	28,107	11,014	12,081	59,711	--	59,711
12,645	9,848	956	2,452	25,901	--	25,901
155,315	403,845	141,442	15,782	716,384	837	717,221
176,820	441,800	153,810	30,370	802,800	837	803,637

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	SAWDUST						
	USED ^c					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS. DRY WEIGHT</u>							
NORTHWEST:							
D	--	--	450	690	1,140	--	1,140
B	25,259	--	--	--	25,259	--	25,259
A	128,107	66,650	32,532	15,625	242,625	--	242,625
TOTAL	153,366	66,650	32,982	16,026	269,024	--	269,024
WEST-CENTRAL:							
B	--	13,501	--	--	13,501	--	13,501
A	30,699	117,883	143,667	25,056	317,305	--	317,305
TOTAL	30,699	131,384	143,667	25,056	330,806	--	330,806
SOUTHWEST:							
D	--	--	892	101	993	--	993
B AND C ^d	1,555	1,044	12,957	440	15,996	--	15,996
A	21,321	73,949	67,978	--	163,248	--	163,248
TOTAL	22,876	74,993	81,827	541	180,237	--	180,237
CENTRAL:							
A, B, AND C ^d	10,077	34,878	6,323	--	51,278	--	51,278
TOTAL	10,077	34,878	6,323	--	51,278	--	51,278
BLUE MOUNTAIN:							
C AND D ^d	--	--	24,098	--	24,098	--	24,098
A	--	8,577	127,027	--	135,604	1,225	136,829
TOTAL	--	8,577	151,125	--	159,702	1,225	160,927
ALL AREAS:							
D	--	--	1,342	791	2,133	--	2,133
C	11,632	35,922	43,378	440	91,372	--	91,372
B	25,259	13,501	--	--	38,760	--	38,760
A	180,127	267,059	371,204	40,392	858,782	1,225	860,007
TOTAL	217,018	316,482	415,924	41,623	991,047	1,225	992,272

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

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

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

^d Combined to avoid disclosure.

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

ALL TYPES OF WOOD RESIDUE						
USED ^c						
PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL	UNUSED	TOTAL
TONS, DRY WEIGHT						
1,362	--	2,128	954	4,444	--	4,444
99,531	8,600	956	--	109,087	--	109,087
725,587	192,551	110,541	21,087	1,049,766	--	1,049,766
826,480	201,151	113,625	22,041	1,163,297	--	1,163,297
32,947	14,749	--	2,452	50,148	--	50,148
688,179	303,101	337,779	35,087	1,364,146	--	1,364,146
721,126	317,850	337,779	37,539	1,414,294	--	1,414,294
2,085	--	1,577	227	3,939	--	3,939
25,421	1,931	39,459	1,513	68,324	--	68,324
340,232	173,769	148,380	31,282	693,663	--	693,663
367,738	175,700	189,416	33,072	765,926	--	765,926
59,457	51,526	30,059	46,299	187,341	--	187,341
59,457	51,526	30,059	46,299	187,341	--	187,341
46,017	10,572	25,182	--	81,771	--	81,771
221,254	95,962	181,399	--	498,615	2,062	500,677
267,271	106,534	206,581	--	580,386	2,062	582,448
3,447	--	3,705	1,231	8,383	--	8,383
130,895	64,029	94,700	47,812	337,436	--	337,436
132,478	23,349	956	2,452	159,235	--	159,235
1,975,252	765,383	778,099	87,456	3,606,190	2,062	3,608,252
2,242,072	852,761	877,460	138,951	4,111,244	2,062	4,113,306

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	USED ^b					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS. DRY WEIGHT</u>							
NORTHWEST:							
D	503	--	1,085	--	1,588	1	1,589
B	11,595	--	18,576	--	30,171	--	30,171
A	--	--	155,131	119,048	274,179	--	274,179
TOTAL	12,098	--	174,792	119,048	305,938	1	305,939
WEST-CENTRAL:							
B	--	--	5,934	10,203	16,137	--	16,137
A	--	--	311,793	67,209	379,002	--	379,002
TOTAL	--	--	317,727	77,412	395,139	--	395,139
SOUTHWEST:							
D	--	--	1,291	77	1,368	--	1,368
B AND C ^c	--	--	17,249	1,858	19,107	--	19,107
A	--	--	161,099	23,599	184,698	--	184,698
TOTAL	--	--	179,639	25,534	205,173	--	205,173
CENTRAL:							
A, B, AND C ^c	--	--	43,693	593	44,286	--	44,286
TOTAL	--	--	43,693	593	44,286	--	44,286
BLUE MOUNTAIN:							
C AND D ^c	--	--	20,812	--	20,812	--	20,812
A	--	--	103,978	13,133	117,111	1,058	118,169
TOTAL	--	--	124,790	13,133	137,923	1,058	138,981
ALL AREAS:							
D	503	--	2,376	77	2,956	1	2,957
C	--	--	81,754	2,451	84,205	--	84,205
B	11,595	--	24,510	10,203	46,308	--	46,308
A	--	--	732,001	222,989	954,990	1,058	956,048
TOTAL	12,098	--	840,641	235,720	1,088,459	1,059	1,089,518

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

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

^c Combined to avoid disclosure.

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

RESOURCE AREA AND COUNTY	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL
<u>IONS, DRY WEIGHT</u>									
NORTHWEST:									
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^b	281,206	--	281,206	78,229	--	78,229	359,435	--	359,435
CLATSOP, COLUMBIA, AND TILLAMOOK ^b	304,189	--	304,189	74,232	1	74,233	378,421	1	378,422
MARION AND POLK ^b	130,603	--	130,603	31,061	--	31,061	161,664	--	161,664
WASHINGTON	212,925	--	212,925	57,696	--	57,696	270,621	--	270,621
YAMHILL	234,374	--	234,374	64,720	--	64,720	299,094	--	299,094
TOTAL	1,163,297	--	1,163,297	305,938	1	305,939	1,469,235	1	1,469,236
WEST-CENTRAL:									
BENTON AND LINCOLN ^b	337,539	--	337,539	93,557	--	93,557	431,096	--	431,096
LANE	879,025	--	879,025	246,427	--	246,427	1,125,452	--	1,125,452
LINN	197,730	--	197,730	55,155	--	55,155	252,885	--	252,885
TOTAL	1,414,294	--	1,414,294	395,139	--	395,139	1,809,433	--	1,809,433
SOUTHWEST:									
COOS AND CURRY ^b	69,277	--	69,277	21,244	--	21,244	90,521	--	90,521
DOUGLAS	348,532	--	348,532	97,201	--	97,201	445,733	--	445,733
JACKSON AND JOSEPHINE ^b	348,117	--	348,117	86,728	--	86,728	434,845	--	434,845
TOTAL	765,926	--	765,926	205,173	--	205,173	971,099	--	971,099
CENTRAL:									
CROOK AND JEFFERSON ^b	139,762	--	139,762	33,125	--	33,125	172,887	--	172,887
KLAMATH AND LAKE ^b	47,579	--	47,579	11,161	--	11,161	58,740	--	58,740
TOTAL	187,341	--	187,341	44,286	--	44,286	231,627	--	231,627
BLUE MOUNTAIN:									
BAKER AND GRANT ^b	97,628	--	97,628	23,302	--	23,302	120,930	--	120,930
MORROW AND UMATILLA ^b	172,950	--	172,950	40,622	--	40,622	213,572	--	213,572
UNION AND WALLOWA ^b	309,808	2,062	311,870	73,999	1,058	75,057	718,309	3,120	721,429
TOTAL	580,386	2,062	582,448	137,923	1,058	138,981	383,807	3,120	386,927
ALL AREAS	4,111,244	2,062	4,113,306	1,088,459	1,059	1,089,518	5,199,703	3,121	5,202,824

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

^b Combined to avoid disclosure.

Sawmill Industry

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

RESOURCE AREA AND COUNTY	COARSE ^a						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTHWEST:							
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^c	121,157	13,175	25,458	--	159,790	--	159,790
CLATSOP, COLUMBIA, AND TILLAMOOK ^c	153,968	--	17,160	--	171,128	--	171,128
MARION AND POLK ^c	54,707	20,553	111	222	75,593	--	75,593
WASHINGTON	97,560	19,638	653	--	117,851	--	117,851
YAMHILL	131,783	--	360	--	132,143	--	132,143
TOTAL	559,175	53,366	43,742	222	656,505	--	656,505
WEST-CENTRAL:							
BENTON AND LINCOLN ^c	150,469	--	40,635	--	191,104	--	191,104
LANE	406,379	--	96,968	--	503,347	--	503,347
LINN	107,918	--	4,743	--	112,661	--	112,661
TOTAL	664,766	--	142,346	--	807,112	--	807,112
SOUTHWEST:							
COOS AND CURRY ^c	41,259	--	633	1,236	43,128	--	43,128
DOUGLAS	152,941	--	45,322	--	198,263	--	198,263
JACKSON AND JOSEPHINE ^c	120,551	22,485	23,309	31,282	197,627	--	197,627
TOTAL	314,751	22,485	69,264	32,518	439,018	--	439,018
CENTRAL:							
CROOK AND JEFFERSON ^c	19,696	--	23,736	31,535	74,967	--	74,967
KLAMATH AND LAKE ^c	22,575	--	--	2,683	25,258	--	25,258
TOTAL	42,271	--	23,736	34,218	100,225	--	100,225
BLUE MOUNTAIN:							
BAKER AND GRANT ^c	33,024	18,628	1,084	--	52,736	--	52,736
MORROW AND UMATILLA ^c	91,936	--	--	--	91,936	--	91,936
UNION AND WALLOWA ^c	142,311	--	27,554	--	169,865	--	169,865
TOTAL	276,271	18,628	28,638	--	314,537	--	314,537
ALL AREAS	1,848,234	94,479	307,726	66,958	2,317,397	--	2,317,397

See footnotes at end of table.

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

SHAVINGS						
USED ^b					UNUSED	TOTAL
PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS. DRY WEIGHT						
2,938	32,793	14,431	5,762	55,924	--	55,924
25,619	15,180	22,124	--	62,923	--	62,923
--	23,970	71	31	24,072	--	24,072
46,502	--	268	--	46,770	--	46,770
38,880	9,192	7	--	48,079	--	48,079
113,939	81,135	36,901	5,793	237,768	--	237,768
--	49,888	13,166	5,054	68,108	--	68,108
--	125,096	36,850	7,429	169,375	--	169,375
25,661	11,482	1,750	--	38,893	--	38,893
25,661	186,466	51,766	12,483	276,376	--	276,376
351	--	8,152	13	8,516	--	8,516
16,844	33,052	19,159	--	69,055	--	69,055
12,916	45,170	11,014	--	69,100	--	69,100
30,111	78,222	38,325	13	146,671	--	146,671
7,109	7,949	--	11,382	26,440	--	26,440
--	8,699	--	699	9,398	--	9,398
7,109	16,648	--	12,081	35,838	--	35,838
--	16,976	936	--	17,912	--	17,912
--	25,595	8,381	--	33,976	--	33,976
--	36,758	17,501	--	54,259	837	55,096
--	79,329	26,818	--	106,147	837	106,984
176,820	441,800	153,810	30,370	802,800	837	803,637

Sawmill Industry

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

RESOURCE AREA AND COUNTY	SAWDUST						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS, DRY WEIGHT							
NORTHWEST:							
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^c	34,322	15,782	--	15,388	65,492	--	65,492
CLATSOP, COLUMBIA, AND TILLAMOOK ^c	48,506	--	21,600	32	70,138	--	70,138
MARION AND POLK ^c	--	19,356	11,017	565	30,938	--	30,938
WASHINGTON	27,338	20,698	268	--	48,304	--	48,304
YAMHILL	43,200	10,814	97	41	54,152	--	54,152
TOTAL	153,366	66,650	32,982	16,026	269,024	--	269,024
WEST-CENTRAL:							
BENTON AND LINCOLN ^c	4,131	17,361	51,219	5,616	78,327	--	78,327
LANE	--	96,359	90,504	19,440	206,303	--	206,303
LINN	26,568	17,664	1,944	--	46,176	--	46,176
TOTAL	30,699	131,384	143,667	25,056	330,806	--	330,806
SOUTHWEST:							
COOS AND CURRY ^c	--	--	17,092	541	17,633	--	17,633
DOUGLAS	21,321	33,499	26,394	--	81,214	--	81,214
JACKSON AND JOSEPHINE ^c	1,555	41,494	38,341	--	81,390	--	81,390
TOTAL	22,876	74,993	81,827	541	180,237	--	180,237
CENTRAL:							
CROOK AND JEFFERSON ^c	10,077	28,278	--	--	38,355	--	38,355
KLAMATH AND LAKE ^c	--	6,600	6,323	--	12,923	--	12,923
TOTAL	10,077	34,878	6,323	--	51,278	--	51,278
BLUE MOUNTAIN:							
BAKER AND GRANT ^c	--	8,577	18,403	--	26,980	--	26,980
MORROW AND UMATILLA ^c	--	--	47,038	--	47,038	--	47,038
UNION AND WALLOWA ^c	--	--	85,684	--	85,684	1,225	86,909
TOTAL	--	8,577	151,125	--	159,702	1,225	160,927
ALL AREAS	217,018	316,482	415,924	41,623	991,047	1,225	992,272

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

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

^c Combined to avoid disclosure.

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

ALL TYPES OF WOOD RESIDUE						
USED ^b					UNUSED	TOTAL
PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
TONS. DRY WEIGHT						
158,417	61,750	39,889	21,150	281,206	--	281,206
228,093	15,180	60,884	32	304,189	--	304,189
54,707	63,879	11,199	818	130,603	--	130,603
171,400	40,336	1,189	--	212,925	--	212,925
213,863	20,006	464	41	234,374	--	234,374
826,480	201,151	113,625	22,041	1,163,297	--	1,163,297
154,600	67,249	105,020	10,670	337,539	--	337,539
406,379	221,455	224,322	26,869	879,025	--	879,025
160,147	29,146	8,437	--	197,730	--	197,730
721,126	317,850	337,779	37,539	1,414,294	--	1,414,294
41,610	--	25,877	1,790	69,277	--	69,277
191,106	66,551	90,875	--	348,532	--	348,532
135,022	109,149	72,664	31,282	348,117	--	348,117
367,738	175,700	189,416	33,072	765,926	--	765,926
36,882	36,227	23,736	42,917	139,762	--	139,762
22,575	15,299	6,323	3,382	47,579	--	47,579
59,457	51,526	30,059	46,299	187,341	--	187,341
33,024	44,181	20,423	--	97,628	--	97,628
91,936	25,595	55,419	--	172,950	--	172,950
142,311	36,758	130,739	--	309,808	2,062	311,870
267,271	106,534	206,581	--	580,386	2,062	582,448
2,242,072	852,761	877,460	138,951	4,111,244	2,062	4,113,306

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

RESOURCE AREA AND COUNTY	USED ^a					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTHWEST:							
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^b	--	--	23,697	54,532	78,229	--	78,229
CLATSOP, COLUMBIA, AND TILLAMOOK ^b	--	--	74,232	--	74,232	1	74,233
MARION AND POLK ^b	503	--	30,558	--	31,061	--	31,061
WASHINGTON	11,595	--	46,101	--	57,696	--	57,696
YAMHILL	--	--	204	64,516	64,720	--	64,720
TOTAL	12,098	--	174,792	119,048	305,938	1	305,939
WEST-CENTRAL:							
BENTON AND LINCOLN ^b	--	--	73,820	19,737	93,557	--	93,557
LANE	--	--	188,752	57,675	246,427	--	246,427
LINN	--	--	55,155	--	55,155	--	55,155
TOTAL	--	--	317,727	77,412	395,139	--	395,139
SOUTHWEST:							
COOS AND CURRY ^b	--	--	21,167	77	21,244	--	21,244
DOUGLAS	--	--	97,201	--	97,201	--	97,201
JACKSON AND JOSEPHINE ^b	--	--	61,271	25,457	86,728	--	86,728
TOTAL	--	--	179,639	25,534	205,173	--	205,173
CENTRAL:							
CROOK AND JEFFERSON ^b	--	--	33,125	--	33,125	--	33,125
KLAMATH AND LAKE ^b	--	--	10,568	593	11,161	--	11,161
TOTAL	--	--	43,693	593	44,286	--	44,286
BLUE MOUNTAIN:							
BAKER AND GRANT ^b	--	--	10,169	13,133	23,302	--	23,302
MORROW AND UMATILLA ^b	--	--	40,622	--	40,622	--	40,622
UNION AND WALLOWA ^b	--	--	73,999	--	73,999	1,058	75,057
TOTAL	--	--	124,790	13,133	137,923	1,058	138,981
ALL AREAS	12,098	--	840,641	235,720	1,088,459	1,059	1,089,518

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

^b Combined to avoid disclosure.

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	GREEN	KILN-DRIED	AIR-DRIED	TOTAL ^b	ROUGH	SURFACED
THOUSAND BOARD FEET, LUMBER TALLY						
NORTHWEST:						
D	4,401	493	163	5,057	3,274	1,783
B	111,340	5,600	--	116,940	14,160	102,780
A	838,881	284,386	--	1,123,267	127,066	996,201
TOTAL	954,622	290,479	163	1,245,264	144,500	1,100,764
WEST-CENTRAL:						
B	58,261	4,236	--	62,497	45,375	17,122
A	1,001,766	368,375	98,862	1,469,003	206,618	1,262,385
TOTAL	1,060,027	372,611	98,862	1,531,500	251,993	1,279,507
SOUTHWEST:						
D	2,485	1,625	300	4,410	2,515	1,895
B AND C ^c	4,184	64,990	4,883	74,057	12,480	61,577
A	511,437	227,894	16,250	755,581	140,061	615,520
TOTAL	518,106	294,509	21,433	834,048	155,056	678,992
CENTRAL:						
A, B, AND C ^c	1,145	190,570	2,520	194,235	7,578	186,657
TOTAL	1,145	190,570	2,520	194,235	7,578	186,657
BLUE MOUNTAIN:						
C AND D ^c	18,976	71,780	525	91,281	36,219	55,062
A	113,479	383,449	21,360	518,288	16,149	502,139
TOTAL	132,455	455,229	21,885	609,569	52,368	557,201
ALL AREAS:						
D	6,886	2,118	463	9,467	5,789	3,678
C	24,305	327,340	7,928	359,573	56,277	303,296
B	169,601	9,836	--	179,437	59,535	119,902
A	2,465,563	1,264,104	136,472	3,866,139	489,894	3,376,245
TOTAL	2,666,355	1,603,398	144,863	4,414,616	611,495	3,803,121

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

^b Total of "green," "kiln-dried," and "air-dried"; also, total of "rough" and "surfaced."

^c Combined to avoid disclosure.

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

RESOURCE AREA AND MILL-SIZE CLASS ^a	CIRCULAR SAW	BAND SAW	GANG SAW	CHIPPING SAW	SCRAGG DOUBLE-CUT SAW	ALL TYPES
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>						
NORTHWEST:						
D	5,057	--	--	--	--	5,057
B	--	116,940	--	--	--	116,940
A	--	890,860	113,724	66,872	51,811	1,123,267
TOTAL	5,057	1,007,800	113,724	66,872	51,811	1,245,264
WEST-CENTRAL:						
B	--	62,497	--	--	--	62,497
A	94,411	1,016,915	44,550	276,677	36,450	1,469,003
TOTAL	94,411	1,079,412	44,550	276,677	36,531	1,531,500
SOUTHWEST:						
D	1,560	2,850	--	--	--	4,410
B AND C ^b	--	74,057	--	--	--	74,057
A	3,800	473,384	45,300	228,147	4,950	755,581
TOTAL	5,360	550,291	45,300	228,147	4,950	834,048
CENTRAL:						
A, B, AND C ^b	--	194,235	--	--	--	194,235
TOTAL	--	194,235	--	--	--	194,235
BLUE MOUNTAIN:						
C AND D ^b	2,100	89,181	--	--	--	91,281
A	74,720	402,655	9,025	31,888	--	518,288
TOTAL	76,820	491,836	9,025	31,888	--	609,569
ALL AREAS:						
D	6,617	2,850	--	--	--	9,467
C	2,100	357,473	--	--	--	359,573
B	--	179,437	--	--	--	179,437
A	172,931	2,783,814	212,599	603,584	93,211	3,866,139
TOTAL	181,648	3,323,574	212,599	603,584	93,211	4,414,616

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

^b Combined to avoid disclosure.

Table 33—Lumber production by sawmills, by resource area, county, and type of headrig, Oregon, 1992

RESOURCE AREA AND COUNTY	CIRCULAR SAW	BAND SAW	GANG SAW	CHIPPING SAW	SCRAGG DOUBLE-CUT SAW	ALL TYPES
<u>THOUSAND BOARD FEET, LUMBER TALLY</u>						
NORTHWEST:						
CLACKAMAS, HOOD RIVER, AND MULTNOMAH ^a	240	243,502	25,000	34,463	--	303,205
CLATSOP, COLUMBIA, AND TILLAMOOK ^a	152	245,409	--	32,409	46,750	324,720
MARION AND POLK ^a	2,825	135,163	--	--	5,061	143,049
WASHINGTON	1,240	133,663	88,724	--	--	223,627
YAMHILL	600	250,063	--	--	--	250,663
TOTAL	5,057	1,007,800	113,724	66,872	51,811	1,245,264
WEST-CENTRAL:						
BENTON AND LINCOLN ^a	94,411	268,214	--	--	--	362,625
LANE	--	689,051	--	266,046	--	955,097
LINN	--	122,147	44,550	10,631	36,450	213,778
TOTAL	94,411	1,076,412	44,550	276,677	36,450	1,531,500
SOUTHWEST:						
COOS AND CURRY ^a	1,560	79,887	--	--	--	81,447
DOUGLAS	--	158,458	12,300	200,087	4,950	375,795
JACKSON AND JOSEPHINE ^a	3,800	311,946	33,000	28,060	--	376,806
TOTAL	5,360	550,291	45,300	228,147	4,950	834,048
CENTRAL:						
CROOK AND JEFFERSON ^a	--	145,285	--	--	--	145,285
KLAMATH AND LAKE ^a	--	48,950	--	--	--	48,950
TOTAL	--	194,235	--	--	--	194,235
BLUE MOUNTAIN:						
BAKER AND GRANT ^a	34,100	59,075	9,025	--	--	102,200
MORROW AND UMATILLA ^a	--	178,171	--	--	--	178,171
UNION AND WALLOWA ^a	42,720	254,590	--	31,888	--	329,198
TOTAL	76,820	491,836	9,025	31,888	--	609,569
ALL AREAS	181,648	3,323,574	212,599	603,584	93,211	4,414,616

^a Combined to avoid disclosure.

Table 34--Number of veneer and plywood mills by resource area, county, and type of mill, Oregon, 1992

RESOURCE AREA AND COUNTY	VENEER MILL	LAYUP MILL	VENEER AND LAYUP MILL	ALL TYPES
NORTHWEST:				
COLUMBIA	1	--	--	1
MARION	1	--	--	1
POLK	2	--	1	3
YAMHILL	1	--	--	1
TOTAL	5	--	1	6
WEST-CENTRAL:				
BENTON	--	1	--	1
LANE	4	1	4	9
LINCOLN	1	--	--	1
LINN	--	2	2	4
TOTAL	5	4	6	15
SOUTHWEST:				
COOS	1	--	--	1
DOUGLAS	2	--	1	3
JACKSON	3	4	2	9
JOSEPHINE	--	3	--	3
TOTAL	6	7	3	16
CENTRAL:				
DESCHUTES	--	--	1	1
KLAMATH	--	--	1	1
TOTAL	--	--	2	2
BLUE MOUNTAIN:				
UNION	--	--	1	1
TOTAL	--	--	1	1
ALL AREAS	16	11	13	40

Table 35--Installed 8-hour capacity of veneer and plywood mills by resource area, county, and type of mill, Oregon, 1992

RESOURCE AREA AND COUNTY	VENEER AND LAYUP MILL			
	VENEER MILL	LAYUP MILL	VENEER	LAYUP
<u>THOUSAND SQUARE FEET, 3/8-INCH BASIS</u>				
NORTHWEST:				
COLUMBIA	184	--	--	--
MARION	532	--	--	--
POLK	172	--	240	345
YAMHILL	238	--	--	--
TOTAL	1,126	--	240	345
WEST-CENTRAL:				
BENTON	--	204	--	--
LANE	1,155	300	1,140	735
LINCOLN	144	--	--	--
LINN	--	695	455	367
TOTAL	1,299	1,199	1,595	1,102
SOUTHWEST:				
COOS	60	--	--	--
DOUGLAS	610	--	200	150
JACKSON	1,320	743	753	938
JOSEPHINE	--	538	--	--
TOTAL	1,990	1,281	953	1,088
CENTRAL:				
DESCHUTES	--	--	230	230
KLAMATH	--	--	250	700
TOTAL	--	--	480	930
BLUE MOUNTAIN:				
UNION	--	--	180	180
TOTAL	--	--	180	180
ALL AREAS	4,415	2,480	3,448	3,645

Veneer and Plywood Industry

Table 36--Number of veneer and plywood mills by resource area and diameter limit of lathe, Oregon, 1992

RESOURCE AREA	LAYUP ONLY	DIAMETER LIMIT OF LATHE (INCHES)						
		20-29	30-39	40-49	50-59	60-69	70-79	80 PLUS
NORTHWEST	--	1	1	1	--	1	2	--
WEST-CENTRAL	4	2	2	1	1	1	--	4
SOUTHWEST	7	1	--	2	2	1	1	2
CENTRAL	--	--	1	1	--	--	--	--
BLUE MOUNTAIN	--	--	1	--	--	--	--	--
ALL AREAS	11	4	5	5	3	3	3	6

Table 37--Number of veneer and plywood mills by resource area and diameter of core produced, Oregon, 1992

RESOURCE AREA	DIAMETER OF CORES (INCHES)						NO LATHE OR CORE
	3	4	5	6	7	8	
NORTHWEST	1	2	3	--	--	--	--
WEST-CENTRAL	2	4	3	2	--	--	4
SOUTHWEST	--	3	3	2	--	--	8
CENTRAL	--	--	1	--	--	--	--
BLUE MOUNTAIN	1	--	--	--	--	--	--
ALL AREAS	4	9	10	4	--	--	12

Table 38--Number of veneer and plywood mills by resource area, county, and selected equipment, Oregon, 1992

RESOURCE AREA AND COUNTY	4-FOOT LATHE	8-FOOT LATHE	SLICER	VENEER CHIPPER	CORE CHIPPER	COLD PRESS	HOT PRESS	BURNER
NORTHWEST:								
COLUMBIA	--	1	--	1	1	--	--	--
MARION	1	1	--	1	--	--	--	--
POLK	1	3	--	2	1	--	1	1
YAMHILL	1	--	--	--	--	--	--	--
TOTAL	3	6	--	4	2	--	1	1
WEST-CENTRAL:								
BENTON	--	--	--	--	--	--	1	--
LANE	2	8	--	7	3	--	5	3
LINCOLN	--	1	--	1	1	--	--	--
LINN	--	2	--	2	--	--	4	2
TOTAL	2	11	--	10	4	--	10	5
SOUTHWEST:								
COOS	1	--	--	--	--	--	--	--
DOUGLAS	1	3	--	3	2	--	1	--
JACKSON	4	5	--	5	5	2	7	1
JOSEPHINE	--	--	1	--	--	1	3	--
TOTAL	6	8	1	8	7	3	11	1
CENTRAL:								
DESCHUTES	1	1	--	1	1	--	1	--
KLAMATH	1	1	--	1	1	1	1	--
TOTAL	2	2	--	2	2	1	2	--
BLUE MOUNTAIN:								
UNION	--	1	--	1	--	--	1	--
TOTAL	--	1	--	1	--	--	1	--
ALL AREAS	13	28	1	25	15	4	25	7

Veneer and Plywood Industry

Table 39--Number of veneer and plywood mills by resource area, years at present site, and tenure of present owner, Oregon, 1992

RESOURCE AREA AND YEARS AT PRESENT SITE	TENURE OF PRESENT OWNER (YEARS)					ALL MILLS
	0-2	3-5	6-10	11-20	21 PLUS	
NORTHWEST:						
21 PLUS	--	--	--	1	5	6
TOTAL	--	--	--	1	5	6
WEST-CENTRAL:						
0-2	3	1	--	--	--	4
6-10	--	--	--	--	1	1
21 PLUS	--	1	2	--	7	10
TOTAL	3	2	2	--	8	15
SOUTHWEST:						
11-20	1	--	--	1	--	2
21 PLUS	1	--	1	4	8	14
TOTAL	2	--	1	5	8	16
CENTRAL:						
21 PLUS	1	--	--	1	--	2
TOTAL	1	--	--	1	--	2
BLUE MOUNTAIN:						
21 PLUS	--	--	--	--	1	1
TOTAL	--	--	--	--	1	1
ALL AREAS:						
0-2	3	1	--	--	--	4
3-5	--	--	--	--	--	--
6-10	--	--	--	--	1	1
11-20	1	--	--	1	--	2
21 PLUS	2	1	3	6	21	33
TOTAL	6	2	3	7	22	40

Table 40--Average number of operating days per year of veneer and plywood mills by resource area and type of mill, Oregon, 1992

RESOURCE AREA	VENEER MILL	LAYUP MILL	VENEER AND LAYUP MILL
NORTHWEST	283	--	238
WEST-CENTRAL	205	206	263
SOUTHWEST	228	211	268
CENTRAL	--	--	244
BLUE MOUNTAIN	--	--	254
ALL AREAS ^a	238	209	258

^a Average of all mills within each mill type.

Table 41--Log consumption by veneer and plywood mills, by resource area, county, and type of material, Oregon, 1992

RESOURCE AREA AND COUNTY	SOUND LOGS	UTILITY LOGS	ALL TYPES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST: COLUMBIA, MARION, POLK, AND YAMHILL ^a	223,647	6,904	230,551
TOTAL	223,647	6,904	230,551
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^a	74,601	5,642	80,243
LANE	207,980	25,031	233,011
TOTAL	282,581	30,673	313,254
SOUTHWEST: COOS AND DOUGLAS ^a	113,943	29,669	143,612
JACKSON	163,035	6,754	169,789
JOSEPHINE	--	--	--
TOTAL	276,978	36,423	313,401
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{a b}	135,351	3,647	138,998
TOTAL	135,351	3,647	138,998
BLUE MOUNTAIN: UNION ^b	--	--	--
ALL AREAS	918,557	77,647	996,204

^a Combined to avoid disclosure.

^b Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Veneer and Plywood Industry

Table 42--Log consumption by veneer and plywood mills, by resource area, county, and age group of timber, Oregon, 1992

RESOURCE AREA AND COUNTY	(100 YEARS AND OLDER)	(LESS THAN 100 YEARS)	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST:			
COLUMBIA, MARION, POLK, AND YAMHILL ^a	80,848	149,703	230,551
TOTAL	80,848	149,703	230,551
WEST-CENTRAL:			
BENTON, LINCOLN, AND LINN ^a	52,090	28,153	80,243
LANE	77,332	155,679	233,011
TOTAL	129,422	183,832	313,254
SOUTHWEST:			
COOS AND DOUGLAS ^a	83,576	60,036	143,612
JACKSON	157,059	12,730	169,789
JOSEPHINE	--	--	--
TOTAL	240,635	72,766	313,401
CENTRAL:			
DESCHUTES, KLAMATH, AND UNION ^{a b}	69,808	69,190	138,998
TOTAL	69,808	69,190	138,998
BLUE MOUNTAIN:			
UNION ^b	--	--	--
ALL AREAS	520,713	475,491	996,204

^a Combined to avoid disclosure.

^b Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Table 43--Log consumption by veneer and plywood mills, by resource area, county, and owner, Oregon, 1992

RESOURCE AREA AND COUNTY	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY			ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY	OTHER PRIVATE	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
NORTHWEST: COLUMBIA, MARION, POLK, AND YAMHILL ^a	50,526	9,278	15,655	5,613	79,740	49,967	19,772	230,551
TOTAL	50,526	9,278	15,655	5,613	79,740	49,967	19,772	230,551
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^a	1,012	4,882	11,159	--	32,082	11,820	19,288	80,243
LANE	78,029	26,735	26,002	--	29,236	35,704	37,305	233,011
TOTAL	79,041	31,617	37,161	--	61,318	47,524	56,593	313,254
SOUTHWEST: COOS AND DOUGLAS ^a	3,750	44,817	20,639	--	6,425	26,332	41,649	143,612
JACKSON	979	54,595	29,353	17,089	34,493	28,386	4,894	169,789
JOSEPHINE	--	--	--	--	--	--	--	--
TOTAL	4,729	99,412	49,992	17,089	40,918	54,718	46,543	313,401
CENTRAL: DESCHUTES, KLAMATH AND UNION ^{a, b}	-	68,369	--	--	38,130	--	32,499	138,998
TOTAL	--	68,369	--	--	38,130	--	32,499	138,998
BLUE MOUNTAIN: UNION ^b	--	--	--	--	--	--	--	--
ALL AREAS	134,296	208,676	102,808	22,702	220,106	152,209	155,407	996,204

^a Combined to avoid disclosure.^b Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Table 44--Dependency (by percentage) of veneer and plywood mills on timber by resource area and owner, Oregon, 1992

RESOURCE AREA	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																
NORTHWEST	1	5	--	--	1	5	--	--	2	4	--	--				
WEST-CENTRAL	3	8	--	--	4	7	--	--	5	6	--	--				
SOUTHWEST	1	5	2	1	6	3	--	--	1	8	--	--				
CENTRAL	--	1	--	1	2	--	--	--	2	--	--	--				
BLUE MOUNTAIN	--	--	1	--	1	--	--	--	1	--	--	--				
ALL AREAS	5	19	3	2	14	15	--	--	11	18	--	--				
FOREST INDUSTRY																
	OTHER PUBLIC				OWN WOOD SUPPLY				OTHER WOOD SUPPLY				OTHER PRIVATE			
	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%
NUMBER OF MILLS																
NORTHWEST	3	3	--	--	2	--	4	--	1	4	1	--	1	5	--	--
WEST-CENTRAL	11	--	--	--	4	3	4	--	2	6	1	2	2	7	2	--
SOUTHWEST	8	--	1	--	3	5	1	--	4	4	--	1	5	3	--	1
CENTRAL	2	--	--	--	1	--	1	--	2	--	--	--	--	2	--	--
BLUE MOUNTAIN	1	--	--	--	--	1	--	--	1	--	--	--	--	1	--	--
ALL AREAS	25	3	1	--	10	9	10	--	10	14	2	3	8	18	2	1

Table 45--Log consumption by veneer and plywood mills, by resource area, county, and species, Oregon, 1992

RESOURCE AREA AND COUNTY	DOUGLAS-FIR	HEMLOCK	TRUE FIRS	SPRUCE	PONDEROSA PINE	LODGEPOLE PINE	WESTERN REDCEDAR	OTHER SOFTWOODS	RED ALDER	OTHER HARDWOODS	ALL SPECIES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>											
NORTHWEST: COLUMBIA, MARION, POLK, AND YAMHILL ^a	170,602	17,493	--	36,656	400	400	--	--	5,000	--	230,551
TOTAL	170,602	17,493	--	36,656	400	400	--	--	5,000	--	230,551
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^a	51,122	17,949	9,912	420	--	--	--	--	840	--	80,243
LANE	188,978	27,260	7,219	700	700	--	--	731	3,523	3,900	233,011
TOTAL	240,100	45,209	17,131	1,120	700	--	--	731	4,363	3,900	313,254
SOUTHWEST: COOS AND DOUGLAS ^a	117,932	4,028	3,567	--	--	--	--	--	12,766	5,319	143,612
JACKSON	121,577	9,732	37,432	--	--	1,048	--	--	--	--	169,789
JOSEPHINE	--	--	--	--	--	--	--	--	--	--	--
TOTAL	239,509	13,760	40,999	--	--	1,048	--	--	12,766	5,319	313,401
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{a b}	66,557	857	70,727	857	--	--	--	--	--	--	138,998
TOTAL	66,557	857	70,727	857	--	--	--	--	--	--	138,998
BLUE MOUNTAIN: UNION ^b	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS	716,768	77,319	128,857	38,633	1,100	1,448	--	731	22,129	9,219	996,204

^a Combined to avoid disclosure.^b Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Veneer and Plywood Industry

Table 46--Production and disposition of wood and bark residue by veneer and plywood mills, by resource area and county, Oregon, 1992

RESOURCE AREA AND COUNTY	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL
TONS, DRY WEIGHT									
NORTHWEST: COLUMBIA, MARION, POLK AND YAMHILL ^b	301,949	--	301,949	92,200	--	92,200	394,149	--	394,149
TOTAL	301,949	--	301,949	92,200	--	92,200	394,149	--	394,149
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^b	176,161	--	176,161	41,048	178	41,226	217,209	178	217,387
LANE	481,171	--	481,171	136,412	--	136,412	617,583	--	617,583
TOTAL	657,332	--	657,332	177,460	178	177,638	834,792	178	834,970
SOUTHWEST: COOS AND DOUGLAS ^b	150,614	--	150,614	48,969	--	48,969	199,583	--	199,583
JACKSON	293,720	--	293,720	64,708	--	64,708	358,428	--	358,428
JOSEPHINE	23,994	--	23,994	--	--	--	23,994	--	23,994
TOTAL	468,328	--	468,328	113,677	--	113,677	582,005	--	582,005
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{b c}	305,915	--	305,915	82,748	--	82,748	388,663	--	388,663
TOTAL	305,915	--	305,915	82,748	--	82,748	388,663	--	388,663
BLUE MOUNTAIN: UNION ^c	--	--	--	--	--	--	--	--	--
ALL AREAS	1,733,524	--	1,733,524	466,085	178	466,263	2,199,609	178	2,199,787

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

^b Combined to avoid disclosure.

^c Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Table 47—Production and disposition of wood residue by veneer and plywood mills, by resource area, county, type of residue, and use, Oregon, 1992

RESOURCE AREA AND COUNTY	COARSE RESIDUE ^a						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTHWEST:							
COLUMBIA, MARION, POLK, AND YAMHILL ^d	221,992	14,688	289	61,308	298,277	--	298,277
TOTAL	221,992	14,688	289	61,308	298,277	--	298,277
WEST-CENTRAL:							
BENTON, LINCOLN, AND LINN ^d	62,325	66,589	2,580	34,795	166,289	--	166,289
LANE	343,828	49,464	50,007	25,552	468,851	--	468,851
TOTAL	406,153	116,053	52,587	60,347	635,140	--	635,140
SOUTHWEST:							
COOS AND DOUGLAS ^d	118,220	5,002	--	27,392	150,614	--	150,614
JACKSON	98,920	37,328	101,618	36,915	274,781	--	274,781
JOSEPHINE	--	15,136	4,059	--	19,195	--	19,195
TOTAL	217,140	57,466	105,677	64,307	444,590	--	444,590
CENTRAL:							
DESCHUTES, KLAMATH, AND UNION ^{d e}	239,278	14,432	29,129	12,795	295,634	--	295,634
TOTAL	239,278	14,432	29,129	12,795	295,634	--	295,634
BLUE MOUNTAIN:							
UNION ^e	--	--	--	--	--	--	--
ALL AREAS	1,084,563	202,639	187,682	198,757	1,673,641	--	1,673,641

See footnotes at end of table.

Veneer and Plywood Industry

Table 47--Production and disposition of wood residue by veneer and plywood mills, by resource area, county, type of residue, and use, Oregon, 1992 (continued)

RESOURCE AREA AND COUNTY	FINE RESIDUE ^c						
	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	TONS, DRY WEIGHT						
NORTHWEST: COLUMBIA, MARION, POLK AND YAMHILL ^d	--	--	3,672	--	3,672	--	3,672
TOTAL	--	--	3,672	--	3,672	--	3,672
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^d	--	3,168	6,704	--	9,872	--	9,872
LANE	--	5,791	6,529	--	12,320	--	12,320
TOTAL	--	8,959	13,233	--	22,192	--	22,192
SOUTHWEST: COOS AND DOUGLAS ^d	--	--	--	--	--	--	--
JACKSON	--	1,540	17,399	--	18,939	--	18,939
JOSEPHINE	--	3,784	1,015	--	4,799	--	4,799
TOTAL	--	5,324	18,414	--	23,738	--	23,738
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{d,e}	--	--	10,281	--	10,281	--	10,281
TOTAL	--	--	10,281	--	10,281	--	10,281
BLUE MOUNTAIN: UNION ^e	--	--	--	--	--	--	--
ALL AREAS	--	14,283	45,600	--	59,883	--	59,883

See footnotes at end of table.

Table 47--Production and disposition of wood residue by veneer and plywood mills, by resource area, county, type of residue, and use, Oregon, 1992 (continued)

ALL TYPES OF WOOD RESIDUE							
RESOURCE AREA AND COUNTY	USED ^b					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	TONS. DRY WEIGHT						
NORTHWEST: COLUMBIA, MARION, POLK, AND YAMHILL ^d	221,992	14,688	3,961	61,308	301,949	--	301,949
TOTAL	221,992	14,688	3,961	61,308	301,949	--	301,949
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^d LANE	62,325 343,828	69,757 55,255	9,284 56,536	34,795 25,552	176,161 481,171	-- --	176,161 481,171
TOTAL	406,153	125,012	65,820	60,347	657,332	--	657,332
SOUTHWEST: COOS AND DOUGLAS ^d JACKSON JOSEPHINE	118,220 98,920 --	5,002 38,868 18,920	-- 119,017 5,074	27,392 36,915 --	150,614 293,720 23,994	-- -- --	150,614 293,720 23,994
TOTAL	217,140	62,790	124,091	64,307	468,328	--	468,328
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{d e}	239,278	14,432	39,410	12,795	305,915	--	305,915
TOTAL	239,278	14,432	39,410	12,795	305,915	--	305,915
BLUE MOUNTAIN: UNION ^e	--	--	--	--	--	--	--
ALL AREAS	1,084,563	216,922	233,282	198,757	1,733,524	--	1,733,524

^a Coarse residue includes log trim, cores, veneer clippings, rejected veneer, roundup, and spur trim.

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

^c Fine residue includes sawdust and sander dust.

^d Combined to avoid disclosure.

^e Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Veneer and Plywood Industry

Table 48--Production and disposition of bark residue by veneer and plywood mills, by resource area, county, and use, Oregon, 1992

RESOURCE AREA AND COUNTY	USED ^a					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
NORTHWEST: COLUMBIA, MARION, POLK, AND YAMHILL ^b	--	--	92,200	--	92,200	--	92,200
TOTAL	--	--	92,200	--	92,200	--	92,200
WEST-CENTRAL: BENTON, LINCOLN, AND LINN ^b	--	--	41,048	--	41,048	178	41,226
LANE	--	--	126,299	10,113	136,412	--	136,412
TOTAL	--	--	167,347	10,113	177,460	178	177,638
SOUTHWEST: COOS AND DOUGLAS ^b	--	--	48,969	--	48,969	--	48,969
JACKSON	--	--	64,708	--	64,708	--	64,708
JOSEPHINE	--	--	--	--	--	--	--
TOTAL	--	--	113,677	--	113,677	--	113,677
CENTRAL: DESCHUTES, KLAMATH, AND UNION ^{b c}	--	--	82,748	--	82,748	--	82,748
TOTAL	--	--	82,748	--	82,748	--	82,748
BLUE MOUNTAIN: UNION ^c	--	--	--	--	--	--	--
ALL AREAS	--	--	455,972	10,113	466,085	178	466,263

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

^b Combined to avoid disclosure.

^c Union County combined with Deschutes and Klamath Counties to avoid disclosure.

Table 49—Number of pulpmills and board mills by resource area, county, and type of operation, Oregon, 1992

RESOURCE AREA AND COUNTY	PULPMILL				BOARD MILL			ALL MILLS
	SULFITE	SULFATE	GROUNDWOOD	SEMICHEMICAL	HARDBOARD	PARTICLE BOARD	INSULATION BOARD	
NORTHWEST:								
CLACKAMAS	--	--	1	--	--	--	--	1
CLATSOP	--	1	1	--	--	--	--	2
HOOD RIVER	--	--	--	--	1	--	--	1
WASHINGTON	--	--	--	--	1	--	--	1
YAMHILL	--	--	1	--	--	--	--	1
TOTAL	--	1	3	--	2	--	--	6
WEST-CENTRAL:								
BENTON	--	--	--	--	1	1	--	2
LANE	--	1	--	--	--	2	--	3
LINCOLN	--	1	--	1	--	--	--	2
LINN	--	2	--	--	1	3	--	6
TOTAL	--	4	--	1	2	6	--	13
SOUTHWEST:								
COOS	1	--	--	--	--	--	--	1
DOUGLAS	--	1	--	--	--	--	--	1
JACKSON	--	--	--	--	--	2	--	2
TOTAL	1	1	--	--	--	2	--	4
CENTRAL:								
DESCHUTES	--	--	--	--	--	1	--	1
KLAMATH	--	--	--	--	2	1	--	3
TOTAL	--	--	--	--	2	2	--	4
BLUE MOUNTAIN:								
UMATILLA	--	--	--	--	1	--	1	2
UNION	--	--	--	--	--	1	--	1
TOTAL	--	--	--	--	1	1	1	3
ALL AREAS	1	6	3	1	7	11	1	30

Pulp and Board Industry

Table 50—Installed capacity of pulp mills and board mills by resource area, county, and type of operation, Oregon, 1992

RESOURCE AREA AND COUNTY	PULPMILL				BOARD MILL		
	SULFITE	SULFATE	GROUNDWOOD	SEMICHEMICAL	HARDBOARD	PARTICLE BOARD	INSULATION BOARD
----- 24-HOUR CAPACITY (TONS) -----					ANNUAL CAPACITY (MILLION SQUARE FEET)		
					1/8-INCH BASIS	1/4-INCH BASIS	1/2-INCH BASIS
NORTHWEST:							
CLACKAMAS	--	--	400	--	--	--	--
CLATSOP	--	970	340	--	--	--	--
HOOD RIVER	--	--	--	--	95	--	--
WASHINGTON	--	--	--	--	130	--	--
YAMHILL	--	--	600	--	--	--	--
TOTAL	--	970	1,340	--	225	--	--
WEST-CENTRAL:							
BENTON	--	--	--	--	138	46	--
LANE	--	1,350	--	--	--	229	--
LINCOLN	--	1,082	--	1,082	--	--	--
LINN	--	1,586	--	--	114	209	--
TOTAL	--	4,018	--	1,082	252	484	--
SOUTHWEST:							
COOS	230	--	--	--	--	--	--
DOUGLAS	--	875	--	--	--	--	--
JACKSON	--	--	--	--	--	186	--
TOTAL	230	875	--	--	--	186	--
CENTRAL:							
DESCHUTES	--	--	--	--	--	143	--
KLAMATH	--	--	--	--	240	110	--
TOTAL	--	--	--	--	240	253	--
BLUE MOUNTAIN:							
UMATILLA	--	--	--	--	25	--	140
UNION	--	--	--	--	--	186	--
TOTAL	--	--	--	--	25	186	140
ALL AREAS	230	5,863	1,340	1,082	742	1,109	140

Table 51—Number of pulpmills and board mills by type of mill, years at present site, and tenure of present owner, Oregon, 1992

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	
SULFITE:						
21 PLUS	--	--	--	1	--	1
TOTAL	--	--	--	1	--	1
SULFATE:						
21 PLUS	--	--	1	--	5	6
TOTAL	--	--	1	--	5	6
GROUNDWOOD:						
21 PLUS	--	--	2	--	2	4
TOTAL	--	--	2	--	2	4
HARDWOOD:						
11-20	--	--	--	1	--	1
21 PLUS	--	2	2	--	2	6
TOTAL	--	2	2	1	2	7
PARTICLEBOARD:						
0-2	1	--	--	--	--	1
11-20	--	--	3	--	--	3
21 PLUS	--	--	1	--	6	7
TOTAL	1	--	4	--	6	11
INSULATION BOARD:						
21 PLUS	--	--	1	--	1	1
TOTAL	--	--	1	--	1	1
ALL TYPES	1	2	10	2	15	30

Pulp and Board Industry

Table 52--Average number of operating days per year of pulpmills and board mills by resource area, Oregon, 1992

RESOURCE AREA	PULPMILL	BOARD MILL
NORTHWEST	359	278
WEST-CENTRAL	358	316
SOUTHWEST	348	333
CENTRAL	--	327
BLUE MOUNTAIN	--	316
ALL AREAS ^a	357	316

^a Average of all mills within each type.

Table 53--Wood consumption by pulpmills and board mills, by resource area and type of material, Oregon, 1992

RESOURCE AREA	ROUNDWOOD			OTHER WOOD					
	SOUND LOGS	UTILITY LOGS	TOTAL	CHIPS		SAWDUST	SHAVINGS	BARK	TOTAL
				FROM MILL RESIDUE	FROM ROUNDWOOD CHIPPING MILL				
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			<u>- TONS, DRY WEIGHT -</u>						
NORTHWEST	--	--	--	578,611	179,944	34,834	13,090	278,000	1,084,479
WEST-CENTRAL	--	57,560	57,560	1,915,315	564,958	198,447	400,238	84,070	3,163,028
SOUTHWEST	22,000	--	22,000	356,449	320,414	124,087	130,545	--	931,495
CENTRAL	--	--	--	98,117	39,413	21,900	349,544	--	508,974
BLUE MOUNTAIN	<u>92,325</u>	<u>30,775</u>	<u>123,100</u>	--	<u>61,550</u>	--	<u>260,000</u>	--	<u>321,550</u>
ALL AREAS	114,325	88,335	202,660	2,948,492	1,166,279	379,268	1,153,417	362,070	6,009,526

Table 54--Log consumption by pulpmills and board mills, by resource area and age group of timber, Oregon, 1992

RESOURCE AREA	(100 YEARS AND OLDER)	(LESS THAN 100 YEARS)	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST	--	--	--
WEST-CENTRAL	--	57,560	57,560
SOUTHWEST	2,200	19,800	22,000
CENTRAL	--	--	--
BLUE MOUNTAIN	<u>2,462</u>	<u>120,638</u>	<u>123,100</u>
ALL AREAS	4,662	197,998	202,660

Table 55--Log consumption by pulpmills and board mills, by resource area and owner, Oregon, 1992

RESOURCE AREA	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	FOREST INDUSTRY				
				OTHER PUBLIC	OWN WOOD SUPPLY	OTHER WOOD SUPPLY	OTHER PRIVATE	ALL OWNERS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>								
NORTHWEST	--	--	--	--	--	--	--	--
WEST-CENTRAL	57,560	--	--	--	--	--	--	57,560
SOUTHWEST	--	--	--	--	--	--	22,000	22,000
CENTRAL	--	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	98,478	--	--	--	12,311	12,311	123,100
ALL AREAS	57,560	98,478	--	--	--	12,311	34,311	202,660

Pulp and Board Industry

Table 56--Pulpmill and board mill consumption of mill residue and chips from other sources, by resource area, type of material, and State of origin, Oregon, 1992

RESOURCE AREA AND TYPE OF MATERIAL	OREGON	WASHINGTON	CALIFORNIA	IDAHO	OTHER	TOTAL
<u>TONS. DRY WEIGHT</u>						
NORTHWEST:						
CHIP RESIDUE	558,713	--	18,922	976	--	578,611
CHIPS, OTHER SOURCES	177,494	--	--	2,450	--	179,944
SAWDUST AND SHAVINGS	22,056	--	25,868	--	--	47,924
TOTAL	758,263	--	44,790	3426	--	806,479
WEST-CENTRAL:						
CHIP RESIDUE	1,536,215	--	379,100	--	--	1,915,315
CHIPS, OTHER SOURCES	564,958	--	--	--	--	564,958
SAWDUST AND SHAVINGS	465,362	--	--	133,323	--	598,685
TOTAL	2,566,535	--	379,100	133,323	--	3,078,958
SOUTHWEST:						
CHIP RESIDUE	332,750	--	23,699	--	--	356,449
CHIPS, OTHER SOURCES	292,873	--	27,541	--	--	320,414
SAWDUST AND SHAVINGS	215,717	--	38,915	--	--	254,632
TOTAL	841,340	--	90,155	--	--	931,495
CENTRAL:						
CHIP RESIDUE	63,332	--	34,785	--	--	98,117
CHIPS, OTHER SOURCES	27,143	--	12,270	--	--	39,413
SAWDUST AND SHAVINGS	310,810	--	13,474	47,160	--	371,444
TOTAL	401,285	--	60,529	47,160	--	508,974
BLUE MOUNTAIN:						
CHIP RESIDUE	--	--	--	--	--	--
CHIPS, OTHER SOURCES	61,550	--	--	--	--	61,550
SAWDUST AND SHAVINGS	114,400	104,000	--	41,600	--	260,000
TOTAL	175,950	104,000	--	41,600	--	321,550
ALL AREAS:						
CHIP RESIDUE	2,491,010	--	456,506	976	--	2,948,492
CHIPS, OTHER SOURCES	1,124,018	--	39,811	2,450	--	1,166,279
SAWDUST AND SHAVINGS	1,128,345	104,000	78,257	222,083	--	1,532,685
TOTAL	4,743,373	104,000	574,574	225,509	--	5,647,456

Table 57--Number of "other industry" mills by resource area, county, and type of industry, Oregon, 1992

RESOURCE AREA AND COUNTY	SHAKE AND SHINGLE	EXPORT	POST, POLE, AND PILING	ALL TYPES
NORTHWEST:				
CLACKAMAS	2	--	--	2
CLATSOP	--	4	--	4
COLUMBIA	--	--	1	1
MULTNOMAH	--	1	--	1
TILLAMOOK	2	--	--	2
YAMHILL	--	--	1	1
TOTAL	4	5	2	11
WEST-CENTRAL:				
LANE	4	--	3	7
LINCOLN	--	2	--	2
LINN	1	--	--	1
TOTAL	5	2	3	10
SOUTHWEST:				
COOS	--	6	--	6
TOTAL	--	6	--	6
CENTRAL:				
DESCHUTES	--	--	2	2
KLAMATH	--	--	4	4
TOTAL	--	--	6	6
BLUE MOUNTAIN:				
UMATILLA	1	--	--	1
TOTAL	1	--	--	1
ALL AREAS	10	13	11	34

Other Industries

Table 58--Installed capacity of "other industry" mills by resource area, county, and type of industry, Oregon, 1992

RESOURCE AREA AND COUNTY	SHAKE AND SHINGLE	POST, POLE, AND PILING
	<u>8-HOUR CAPACITY (SQUARES)</u>	<u>ANNUAL CAPACITY (THOUSAND BOARD FEET, SCRIBNER LOG RULE)</u>
NORTHWEST:		
CLACKAMAS	180	--
CLATSOP	--	--
COLUMBIA	--	3,064
MULTNOMAH	--	--
TILLAMOOK	201	--
YAMHILL	--	8,672
TOTAL	381	11,736
WEST-CENTRAL:		
LANE	355	6,082
LINCOLN	--	--
LINN	168	--
TOTAL	523	6,082
SOUTHWEST:		
COOS	--	--
TOTAL	--	--
CENTRAL:		
DESCHUTES	--	3,642
KLAMATH	--	6,768
TOTAL	--	10,410
BLUE MOUNTAIN:		
UMATILLA	410	--
TOTAL	410	--
ALL AREAS	1,314	28,228

Table 59--Number of shake and shingle mills with selected equipment by resource area and county, Oregon, 1992

RESOURCE AREA AND COUNTY	CHIPPER	BARKER	BURNER
NORTHWEST:			
CLACKAMAS	2	--	--
TILLAMOOK	1	--	1
TOTAL	3	--	1
WEST-CENTRAL:			
LANE	2	--	--
LINN	1	1	--
TOTAL	3	1	--
SOUTHWEST:			
COOS	--	--	--
CENTRAL	--	--	--
BLUE MOUNTAIN	--	--	--
UMATILLA	--	--	1
TOTAL	--	--	1
ALL AREAS	6	1	2

Other Industries

Table 60--Number of "other industry" mills by type of mill, years at present site, and tenure of present owner, Oregon, 1992

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	
SHAKE AND SHINGLE:						
11-20	--	--	--	4	--	4
21 PLUS	--	--	1	1	4	6
TOTAL	--	--	1	5	4	10
POST, POLE, AND PILING:						
3-5	--	1	--	--	--	1
11-20	--	1	--	3	--	4
21 PLUS	--	--	3	--	3	6
TOTAL	--	2	3	3	3	11

Table 61--Average number of operating days per year of "other industry" mills by resource area and type of mill, Oregon, 1992

RESOURCE AREA	SHAKE AND SHINGLE	POST, POLE, AND PILING
NORTHWEST	191	361
WEST-CENTRAL	173	178
SOUTHWEST	--	--
CENTRAL	--	187
BLUE MOUNTAIN	15	--
ALL AREAS ^a	164	216

^a Average of all mills within each type.

Table 62--Wood consumption by "other industry" mills, by resource area, type of mill, and type of material, Oregon, 1992

RESOURCE AREA AND TYPE OF MILL	ROUNDWOOD				ALL WOOD
	SOUND LOGS	UTILITY LOGS	TOTAL ROUNDWOOD	OTHER WOOD	
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>					
NORTHWEST:					
SHAKE AND SHINGLE ^a	2,138	340	2,478	128	2,606
EXPORT	25,845	--	25,845	--	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--
TOTAL	27,983	340	28,323	128	28,451
WEST-CENTRAL:					
SHAKE AND SHINGLE	1,911	478	2,389	425	2,814
EXPORT ^c	66,323	64	66,387	--	66,387
POST, POLE, AND PILING ^b	8,795	--	8,795	--	8,795
TOTAL	77,029	542	77,571	425	77,996
SOUTHWEST:					
EXPORT ^c	--	--	--	--	--
CENTRAL:					
POST, POLE, AND PILING	14,333	--	14,333	--	14,333
TOTAL	14,333	--	14,333	--	14,333
BLUE MOUNTAIN:					
SHAKE AND SHINGLE ^a	--	--	--	--	--
ALL AREAS:					
SHAKE AND SHINGLE	4,049	818	4,867	553	5,420
EXPORT	92,168	64	92,232	--	92,232
POST, POLE, AND PILING	23,128	--	23,128	--	23,128
TOTAL	119,345	882	120,227	553	120,780

^a Blue Mountain Area combined with Northwest Area to avoid disclosure.

^b Northwest Area combined with West-Central Area to avoid disclosure.

^c Southwest Area combined with West-Central Area to avoid disclosure.

Other Industries

Table 63--Log consumption by "other industry" mills, by resource area, type of mill, and age group of timber, Oregon, 1992

RESOURCE AREA AND TYPE OF MILL	(100 YEARS AND OLDER)	(LESS THAN 100 YEARS)	ALL AGE GROUPS
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>			
NORTHWEST:			
SHAKE AND SHINGLE ^a	2,478	--	2,478
EXPORT	2,281	23,564	25,845
POST, POLE, AND PILING ^b	--	--	--
TOTAL	4,759	23,564	28,323
WEST-CENTRAL:			
SHAKE AND SHINGLE	1,892	497	2,389
EXPORT ^c	5,406	60,981	66,387
POST, POLE, AND PILING ^b	--	8,795	8,795
TOTAL	7,298	70,273	77,571
SOUTHWEST:			
EXPORT ^c	--	--	--
CENTRAL:			
POST, POLE, AND PILING	--	14,333	14,333
TOTAL	--	14,333	14,333
BLUE MOUNTAIN:			
SHAKE AND SHINGLE ^a	--	--	--
ALL AREAS:			
SHAKE AND SHINGLE	4,370	497	4,867
EXPORT	7,687	84,545	92,232
POST, POLE, AND PILING	--	23,128	23,128
TOTAL	12,057	108,170	120,227

^a Blue Mountain Area combined with Northwest Area to avoid disclosure.

^b Northwest Area combined with West-Central Area to avoid disclosure.

^c Southwest Area combined with West-Central Area to avoid disclosure.

Table 64--Log consumption by "other industry" mills, by resource area, type of mill, and owner, Oregon, 1992

RESOURCE AREA AND TYPE OF MILL	STATE	NATIONAL FOREST	BUREAU OF LAND MANAGEMENT	OTHER PUBLIC	FOREST INDUSTRY			ALL OWNERS
					OWN WOOD SUPPLY	OTHER WOOD SUPPLY	OTHER PRIVATE	
THOUSAND BOARD FEET, SCRIBNER LOG RULE								
NORTHWEST:								
SHAKE AND SHINGLE ^a	110	905	--	--	12	370	1,081	2,478
EXPORT	--	--	--	1,423	975	16,795	6,652	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--
TOTAL	110	905	--	1,423	987	17,165	7,733	28,323
WEST-CENTRAL:								
SHAKE AND SHINGLE	60	931	60	--	700	452	186	2,389
EXPORT ^c	--	--	--	--	--	56,650	9,737	66,387
POST, POLE, AND PILING ^b	2,701	--	--	258	--	3,740	2,096	8,795
TOTAL	2,761	931	60	258	700	60,842	12,019	77,571
SOUTHWEST:								
EXPORT ^c	--	--	--	--	--	--	--	--
CENTRAL:								
POST, POLE, AND PILING	--	--	--	--	--	--	--	--
	--	2,567	--	--	--	10,765	1,001	14,333
TOTAL	--	2,564	--	--	--	10,765	1,001	14,333
BLUE MOUNTAIN:								
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	--	--
ALL AREAS:								
SHAKE AND SHINGLE	170	1,836	60	--	712	822	1,267	4,867
EXPORT	--	--	--	1,423	975	73,445	16,389	92,232
POST, POLE, AND PILING	2,701	2,567	--	258	--	14,505	3,097	23,128
TOTAL	2,871	4,403	60	1,681	1,687	88,772	20,753	120,227

^a Blue Mountain Area combined with Northwest Area to avoid disclosure.

^b Northwest Area combined with West-Central Area to avoid disclosure.

^c Southwest Area combined with West-Central Area to avoid disclosure.

Table 65--Dependency (by percentage) of "other industry" mills on timber by resource area, type of mill, and owner, Oregon, 1992

RESOURCE AREA AND TYPE OF MILL	NATIONAL FOREST				STATE				BUREAU OF LAND MANAGEMENT				OTHER PUBLIC			
	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%
NUMBER OF MILLS																
NORTHWEST:																
SHAKE AND SHINGLE	3	--	1	--	3	--	--	1	4	--	--	--	4	--	--	--
EXPORT	5	--	--	--	5	--	--	--	5	--	--	--	4	1	--	--
POST, POLE, AND PILING	2	--	--	--	1	--	--	1	2	--	--	--	2	--	--	--
TOTAL	10	--	1	--	9	--	--	2	11	--	--	--	10	1	--	--
WEST-CENTRAL:																
SHAKE AND SHINGLE	3	--	--	2	4	1	--	--	4	1	--	--	5	--	--	--
EXPORT	2	--	--	--	2	--	--	--	2	--	--	--	2	--	--	--
POST, POLE, AND PILING	3	--	--	--	2	1	--	--	3	--	--	--	2	1	--	--
TOTAL	8	--	--	2	8	2	--	--	9	1	--	--	9	1	--	--
SOUTHWEST:																
SHAKE AND SHINGLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EXPORT	6	--	--	--	6	--	--	--	6	--	--	--	6	--	--	--
POST, POLE, AND PILING	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	6	--	--	--	6	--	--	--	6	--	--	--	6	--	--	--
CENTRAL:																
SHAKE AND SHINGLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	1	3	--	2	6	--	--	--	6	--	--	--	6	--	--	--
TOTAL	1	3	--	2	6	--	--	--	6	--	--	--	6	--	--	--
BLUE MOUNTAIN:																
SHAKE AND SHINGLE	--	--	--	1	1	--	--	--	1	--	--	--	1	--	--	--
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	--	1	1	--	--	--	1	--	--	--	1	--	--	--
ALL AREAS:																
SHAKE AND SHINGLE	6	--	1	3	8	1	--	1	9	1	--	--	10	--	--	--
EXPORT	13	--	--	--	13	--	--	--	13	--	--	--	12	1	--	--
POST, POLE, AND PILING	6	3	--	2	9	1	--	1	11	--	--	--	10	1	--	--
TOTAL	25	3	1	5	30	2	--	2	33	1	--	--	32	2	--	--

Table 65--Dependency (by percentage) of "other industry" mills on timber by resource area, type of mill, and owner, Oregon, 1992 (continued)

RESOURCE AREA AND TYPE OF MILL	FOREST INDUSTRY											
	OWN WOOD SUPPLY				OTHER WOOD SUPPLY				OTHER PRIVATE			
	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%	0%	1-32%	33-66%	67-100%
	NUMBER OF MILLS											
NORTHWEST:												
SHAKE AND SHINGLE	3	1	--	--	3	--	--	1	2	--	1	1
EXPORT	3	1	--	1	1	1	--	3	3	1	1	--
POST, POLE, AND PILING	2	--	--	--	1	--	--	1	--	2	--	--
TOTAL	8	2	--	1	5	1	--	5	5	3	2	1
WEST-CENTRAL:												
SHAKE AND SHINGLE	4	--	--	1	2	2	--	1	2	2	--	1
EXPORT	2	--	--	--	1	--	--	1	--	1	--	1
POST, POLE, AND PILING	3	--	--	--	2	--	--	1	--	1	--	2
TOTAL	9	--	--	1	5	2	--	3	2	4	--	4
SOUTHWEST:												
SHAKE AND SHINGLE	--	--	--	--	--	--	--	--	--	--	--	--
EXPORT	6	--	--	--	1	--	--	5	5	--	--	1
POST, POLE, AND PILING	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	6	--	--	--	1	--	--	5	5	--	--	1
CENTRAL:												
SHAKE AND SHINGLE	--	--	--	--	--	--	--	--	--	--	--	--
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	6	--	--	--	3	--	--	3	3	2	--	1
TOTAL	6	--	--	--	3	--	--	3	3	2	--	1
BLUE MOUNTAIN:												
SHAKE AND SHINGLE	1	--	--	--	1	--	--	--	1	--	--	--
EXPORT	--	--	--	--	--	--	--	--	--	--	--	--
POST, POLE, AND PILING	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	1	--	--	--	1	--	--	--	1	--	--	--
ALL AREAS:												
SHAKE AND SHINGLE	8	1	--	1	6	2	--	2	5	2	1	2
EXPORT	11	1	--	1	3	1	--	9	8	2	1	2
POST, POLE, AND PILING	11	--	--	--	6	--	--	5	3	5	--	3
TOTAL	30	2	--	2	15	3	--	16	16	9	2	7

Table 66--Log consumption by "other industry" mills, by resource area, type of mill, and species, Oregon, 1992

RESOURCE AREA AND TYPE OF MILL	DOUGLAS-FIR	HEMLOCK	TRUE FIRS	SPRUCE	PONDEROSA PINE	LODGEPOLE PINE	WESTERN REDCEDAR	OTHER SOFTWOODS	RED ALDER	OTHER HARDWOODS	ALL SPECIES
<u>THOUSAND BOARD FEET, SCRIBNER LOG RULE</u>											
NORTHWEST:											
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	2,423	55	--	--	2,478
EXPORT	11,526	11,491	2,445	383	--	--	--	--	--	--	25,845
POST, POLE, AND PILING ^b	--	--	--	--	--	--	--	--	--	--	--
TOTAL	11,526	11,491	2,445	383	--	--	2,423	55	--	--	28,323
WEST-CENTRAL:											
SHAKE AND SHINGLE	--	--	--	--	--	--	2,389	--	--	--	2,389
EXPORT ^c	49,465	9,920	2,605	3,693	--	--	--	561	--	143	66,387
POST, POLE, AND PILING ^b	8,794	--	1	--	--	--	--	--	--	--	8,795
TOTAL	58,259	9,920	2,606	3,693	--	--	2,389	561	--	143	77,571
SOUTHWEST:											
EXPORT ^c	--	--	--	--	--	--	--	--	--	--	--
CENTRAL:											
POST, POLE, AND PILING	29	--	--	--	42	14,262	--	--	--	--	14,333
TOTAL	29	--	--	--	42	14,262	--	--	--	--	14,333
BLUE MOUNTAIN:											
SHAKE AND SHINGLE ^a	--	--	--	--	--	--	--	--	--	--	--
ALL AREAS:											
SHAKE AND SHINGLE	--	--	--	--	--	--	4,812	55	--	--	4,867
EXPORT	60,991	21,411	5,050	4,076	--	--	--	561	--	143	92,232
POST, POLE, AND PILING	8,823	--	1	--	42	14,262	--	--	--	--	23,128
TOTAL	69,814	21,411	5,051	4,076	42	14,262	4,812	616	--	143	120,227

^a Blue Mountain Area combined with Northwest Area to avoid disclosure.^b Northwest Area combined with West-Central Area to avoid disclosure.^c Southwest Area combined with West-Central to avoid disclosure.

Table 67--Production and disposition of wood and bark residue by shake and shingle mills, by resource area, Oregon, 1992

RESOURCE AREA	WOOD RESIDUE			BARK RESIDUE			ALL RESIDUE		
	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL	USED ^a	UNUSED	TOTAL
<u>TONS. DRY WEIGHT</u>									
NORTHWEST	1,691	8	1,699	789	--	789	2,480	8	2,488
WEST-CENTRAL	3,298	35	3,333	1,238	--	1,238	4,536	35	4,571
SOUTHWEST	--	--	--	--	--	--	--	--	--
CENTRAL	--	--	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	--	--	--	--	--	--	--	--
ALL AREAS	4,989	43	5,032	2,027	--	2,027	7,016	43	7,059

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

Other Industries

Table 68--Production and disposition of wood residue by shake and shingle mills, by resource area, use, and type of residue, Oregon, 1992

RESIDUE AND RESOURCE AREA	USED ^a					UNUSED	TOTAL
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
<u>TONS, DRY WEIGHT</u>							
COARSE RESIDUE ^b :							
NORTHWEST	--	--	411	233	644	8	652
WEST-CENTRAL	665	--	215	154	1,034	9	1,043
SOUTHWEST	--	--	--	--	--	--	--
CENTRAL	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	--	--	--	--	--	--
ALL AREAS	665	--	626	387	1,678	17	1,695
FINE RESIDUE ^c :							
NORTHWEST	--	--	849	198	1,047	--	1,047
WEST-CENTRAL	--	--	422	1,842	2,264	26	2,290
SOUTHWEST	--	--	--	--	--	--	--
CENTRAL	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	--	--	--	--	--	--
ALL AREAS	--	--	1,271	2,040	3,311	26	3,337
ALL TYPES OF RESIDUE:							
NORTHWEST	--	--	1,260	431	1,691	8	1,699
WEST-CENTRAL	665	--	637	1,996	3,298	35	3,333
SOUTHWEST	--	--	--	--	--	--	--
CENTRAL	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	--	--	--	--	--	--
ALL AREAS	665	--	1,897	2,427	4,989	43	5,032

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

^b Coarse residue includes log trim, cores, veneer clippings, rejected veneer, roundup, and spur trim.

^c Fine residue includes sander dust.

Table 69--Production and disposition of bark residue by shake and shingle mills, by resource area and use, Oregon, 1992

RESOURCE AREA	USED ^a					UNUSED	ALL BARK
	PULP	BOARD	FUEL	MISCELLANEOUS	TOTAL		
	<u>TONS. DRY WEIGHT</u>						
NORTHWEST	--	--	789	--	789	--	789
WEST-CENTRAL	--	--	1,051	187	1,238	--	1,238
SOUTHWEST	--	--	--	--	--	--	--
CENTRAL	--	--	--	--	--	--	--
BLUE MOUNTAIN	--	--	--	--	--	--	--
ALL AREAS	--	--	1,840	187	2,027	--	2,027

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

Ward, Franklin R. 1995. Oregon's forest products industry: 1992. Resour. Bull. PNW-RB-207. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 89 p.

This report presents the findings of a survey of primary forest products industries in Oregon for 1992. 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 survey, wood utilization, mill residues, Oregon.

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