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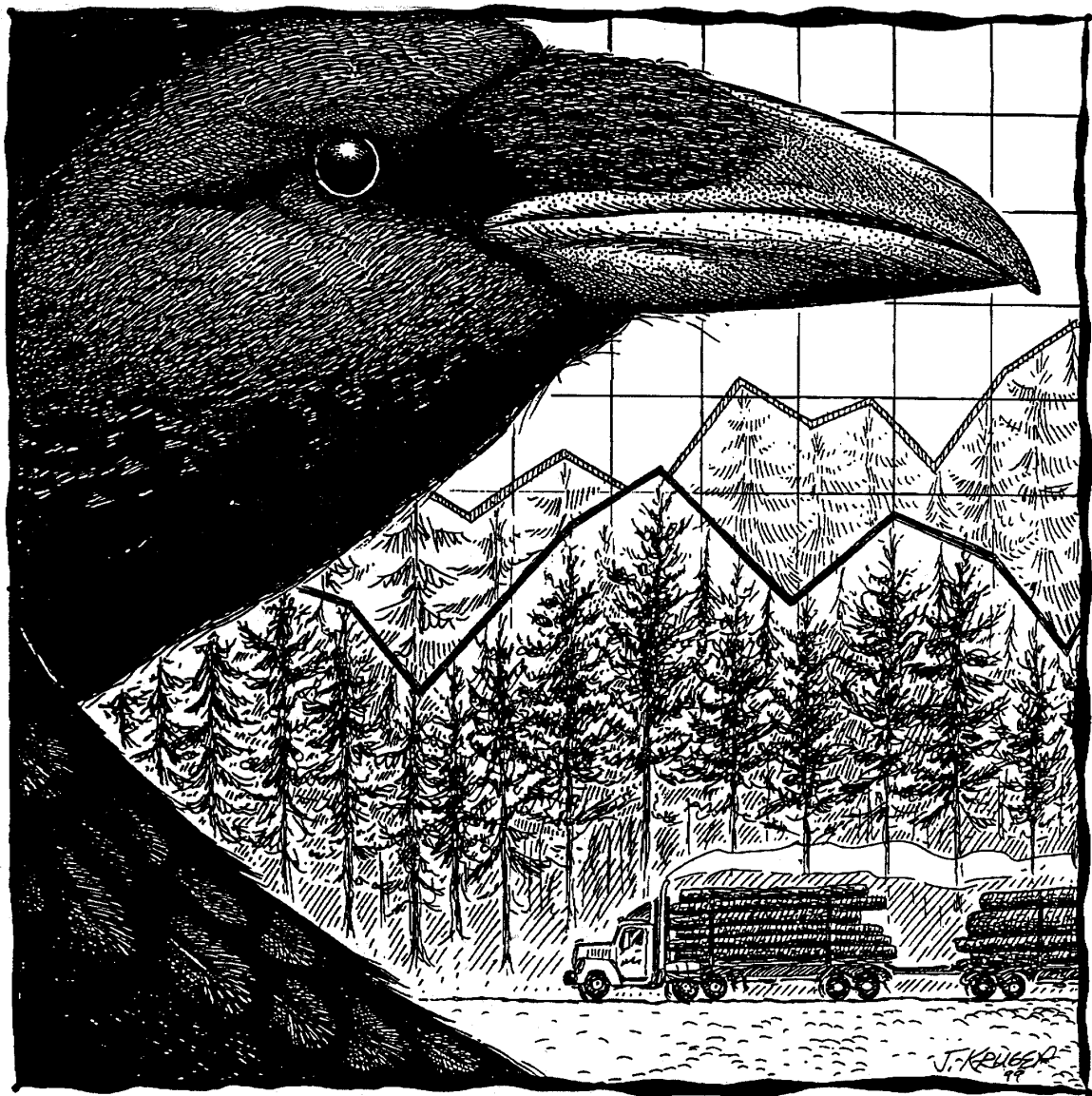
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# Production, Prices, Employment, and Trade in Northwest Forest Industries, All Quarters 1998

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## **ABSTRACT**

Warren, Debra D. 2000. Production, prices, employment, and trade in Northwest forest industries, all quarters of 1998. Resour. Bull. PNW-RB-231. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 171 p.

Provides current information on lumber and plywood production and prices; employment in the forest industries; international trade in logs, lumber, and plywood; volume and average prices of stumpage sold by public agencies; and other related items.

Keywords: Forestry business economics, lumber prices, plywood prices, timber volume, stumpage prices, employment (forest products industries), marketing (forest products), imports and exports (forest products).

## **PREFACE**

Due to temporary unavailability of trade data, this report was delayed. In the interest of efficiency and timeliness, all four quarters of 1998 are being published in one book. In 1999, all four quarters will be published together as well. By 2000, the quarterly publications will resume. This report presents current information on the timber situation in Alaska, Washington, Oregon, California, Montana, Idaho, and British Columbia, including data on lumber and plywood production and prices; timber harvest; employment in forest products industries; international trade in logs, pulpwood, chips, lumber, and plywood; log prices in the Pacific Northwest; volume and average prices of stumpage sold by public agencies; and other related items.

Cooperation in supplying data has been received from the following sources: U.S. Department of Agriculture, Forest Service, Forest Inventory and Economics Research Staff in Washington, DC; Washington State Department of Natural Resources and Employment Security Department; Oregon State Department of Forestry and Department of Employment; California State Department of Employment and Department of Conservation; Montana State Forester and State Employment Service; Idaho State Department of Public Lands and Department of Employment; Alaska State Department of Labor and Department of Natural Resources of the Division of Lands; U.S. Department of Commerce; U.S. Department of the Interior, Bureau of Land Management and Bureau of Indian Affairs; British Columbia Department of Industrial Development, Trade, and Commerce; and a number of private industry associations, firms, and individuals.

The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Seattle Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Columbia-Snake Customs District includes all Oregon ports and Longview and Vancouver, Washington. Anchorage Customs District is the State of Alaska. San Francisco Customs District includes Monterey and all ports north of Monterey, California.

The statistical data are from secondary sources and are brought together to make such information more readily available. Sources are indicated for each table and can be contacted directly for means used in data collection.

Readers are cautioned that unit values should not be interpreted as accurate indicators of prices. Unit values for individual trade flows, especially those involving small volumes, frequently vary widely within a year, across origins or destinations, and through time.

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## Tables Included in This Series of Reports and Frequency of Updates

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
<b>Lumber and Plywood Production and Prices</b>		
1	U.S. softwood lumber and structural panel board production, 1987-98	Quarterly
2	Lumber production in Northwest States, 1988-98	Annually, second quarter
3	Softwood lumber production in the inland region, by species, 1988-98	Annually, second quarter
4	Lumber production in the coast region, by species, 1988-98	Annually, second quarter
5	Softwood structural panel board production in the United States, by State, 1988-98	Annually, fourth quarter
6	Softwood lumber and plywood production in British Columbia, 1988-98	Annually, second quarter
7	Wholesale prices of selected lumber products, 1987-98	Quarterly
8	Wholesale prices of selected softwood plywood products, 1987-98	Quarterly
9	Percentage of total volume and f.o.b. mill prices for Douglas-fir lumber, coast mills, 1987-98	Quarterly
10	Percentage of total volume for ponderosa pine lumber, inland mills, 1987-98	Quarterly
11	F.O.B. mill prices for ponderosa pine lumber, inland mills, 1987-98	Quarterly
12	Percentage of total volume and f.o.b. mill prices for hem-fir lumber, inland mills, 1987-98	Quarterly
13	Percentage of total volume and f.o.b. mill prices for hem-fir lumber, coast mills, 1987-98	Quarterly
14	Weighted average f.o.b. mill prices for coast and inland lumber, 1987-98	Quarterly
15	Average prices for domestic and exported alder, western region, 1987-98	Quarterly
<b>Timber Harvest</b>		
16	Washington and Oregon timber harvest by ownership, 1988-98	Annually, third quarter

**Tables Included in This Series of Reports (continued)**

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
17	British Columbia timber harvest, 1988-98	Annually, third quarter
18	Montana and Idaho timber harvest by ownership , 1988-98	Annually, third quarter
19	Alaska timber harvest by ownership, 1988-98	Annually, third quarter
20	California timber harvest by ownership, 1988-98	Annually, third quarter

**Employment in Forest Products Industries**

21	Employment in forest products industries in Washington and Oregon, 1987-98	Quarterly
22	Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-98	Quarterly
23	Employment in forest products industries in California and Alaska, 1987-98	Quarterly
24	Employment in forest products industries in Montana and Idaho, 1987-98	Quarterly
25	Employment, wages, unemployment, and population for the State of Oregon, by county	Annually
26	Employment, wages, unemployment, and population for the State of Washington, by county	Annually

**Log, Pulpwood, and Chip Exports and Imports**

27	Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
28	Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
29	Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
30	Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1987-98	Quarterly
31	Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1987-98	Quarterly
32	Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1998	Annually, fourth quarter

## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
33a-d	Volume and average value of log exports by port, species, and destination, Seattle Customs District, all quarters 1998	Quarterly
34	Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1998	Annually, fourth quarter
35a-d	Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, all quarters 1998	Quarterly
36	Volume and average value of log exports by port, species, and destination, San Francisco Customs District, 1998	Annually, fourth quarter
37a-d	Volume and average value of log exports by port, species, and destination, San Francisco Customs District, all quarters 1998	Quarterly
38	Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1998	Annually, fourth quarter
39a-d	Volume and average value of log exports by port, species, and destination, Anchorage Customs District, all quarters 1998	Quarterly
40	Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98	Quarterly
41	Volume and average value of alder log exports from the Seattle Customs District, 1990-98	Quarterly
42	Volume and average value of log exports from southern California ports by species, 1987-98	Quarterly
43	Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1987-98	Quarterly
44	Volume of log exports from British Columbia ports by species and destination, 1988-98	Annually, fourth quarter
45	Average value of log exports from British Columbia ports by species and destination, 1988-98	Annually, fourth quarter
46	Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1987-98	Quarterly

## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
47	Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1987-98	Quarterly
48	Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98	Quarterly
49	Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98	Quarterly
50	Volume and average value of all chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1987-98	Quarterly
51	Volume and average value of softwood chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1989-98	Quarterly
<b>Lumber, Plywood, and Veneer Exports</b>		
52	Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
53	Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
54	Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98	Quarterly
55	Volume and average value of softwood lumber exports from southern California ports by species and destination, 1987-98	Quarterly
56	Volume and average value of softwood lumber exports from northern California ports by species and destination, 1987-98	Quarterly
57	Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1987-98	Quarterly
58	Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1998	Annually, fourth quarter

## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
59a-d	Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, all quarters 1998	Quarterly
60	Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1998	Annually, fourth quarter
61a-d	Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, all quarters 1998	Quarterly
62	Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1998	Annually, fourth quarter
63a-d	Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, all quarters 1998	Quarterly
64	Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, 1998	Annually, fourth quarter
65a-d	Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, all quarters 1998	Quarterly
66	Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1987-98	Quarterly
67	Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98	Quarterly
68	Volume of lumber exports from British Columbia ports by species and destination, 1988-98	Annually, fourth quarter
69	Average value of lumber exports from British Columbia ports by species and destination, 1988-98	Annually, fourth quarter
70	Volume of all species of softwood lumber imports into the Seattle Customs District, 1989-98	Quarterly
71	Average value of all species of softwood lumber imports into the Seattle Customs District, 1989-98	Quarterly
72	Volume of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-98	Quarterly

## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
73	Average value of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-98	Quarterly
74	Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1987-98	Quarterly
75	Volume and average value of plywood exports from California, 1987-98	Quarterly
76	Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1987-98	Quarterly

### Timber Cut and Sold by Public Agencies

77	Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1993-98	Quarterly
78	Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1993-98	Quarterly
79	Volume of sawtimber sold on National Forests by selected species, Northern Region, 1990-98	Quarterly
80	Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1987-98	Quarterly
81	Volume and average value of timber harvested on the National Forests of the Northern Region, 1998	Quarterly
82	Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-98	Quarterly
83	Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-98	Quarterly
84	Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1998	Quarterly
85	Volume of timber sold on publicly owned or managed lands in California, 1993-98	Quarterly
86	Average stumpage prices of timber sold on publicly owned or managed lands in California, 1993-98	Quarterly
87	Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-98	Quarterly



## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
88	Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1987-98	Quarterly
89	Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1998	Quarterly
90	Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1996-98	Quarterly
91	Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1994-98	Quarterly
92	Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1994-98	Quarterly
93	Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1987-98	Quarterly
94	Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1987-98	Quarterly
95	Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1998	Quarterly
96	Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1998	Quarterly
97	Volume of timber sold on publicly owned or managed lands in Alaska, 1993-98	Quarterly
98	Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1993-98	Quarterly
99	Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1987-98	Quarterly
100	Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1987-98	Quarterly
101	Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1987-98	Quarterly

## Tables Included in This Series of Reports (continued)

<u>TABLE NUMBER</u>	<u>TABLE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
102	Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1987-98	Quarterly
<b>Uncut Volume Under Contract</b>		
103	Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1989-99	Annually, second quarter
104	Sale quantity and unyarded volume under contract on Bureau of Land Management lands in Western Oregon, 1989-99	Annually, second quarter
105	Allowable annual cut and uncut volume under contract on Oregon State lands, 1989-99	Annually, third quarter
106	Sustainable harvest and uncut volume under contract on Washington State lands, 1989-99	Annually, second quarter
<b>Small Business Set-Aside Sales</b>		
107	Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1993-98	Quarterly
108	Volume and average value of timber sold on set-aside sales on the National Forests, Pacific Northwest Region, 1993-98	Quarterly

## Figures Included in This Series of Reports and Frequency of Updates

<u>PAGE NUMBER</u>	<u>FIGURE TITLE</u>	<u>FREQUENCY OF UPDATE</u>
19	Figure 1--Weighted average f.o.b. mill prices for coast and inland lumber, 1988-98	Annually, fourth quarter
26	Figure 2--Employment in forest products industry, Washington and Oregon, 1988-98	Annually, fourth quarter
43	Figure 3--Log exports from Seattle and Columbia-Snake Customs Districts, 1988-98	Annually, fourth quarter
49	Figure 4--Log exports from San Francisco and Anchorage Customs Districts, 1988-98	Annually, fourth quarter
92	Figure 5--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1988-98	Annually, fourth quarter
99	Figure 6--Lumber exports from San Francisco and Anchorage Customs Districts, 1988-98	Annually, fourth quarter
155	Figure 7--Average stumpage price for sawtimber sold on National Forests, Pacific Northwest Region	Annually, fourth quarter
165	Figure 8--Average value of all timber products sold from Forest Service Regions of the Western United States	Annually, fourth quarter

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## **Western Lumber Production and Prices**

- *Softwood lumber production*

A total of 16.8 billion board feet of softwood lumber was produced in the Western United States in 1998, and the total U.S. figure was 34.7 billion board feet (table 1). Total softwood lumber production in the fourth quarter of 1998 was 8.6 billion board feet, and 47.6 percent of that was produced in the West.

- *Wholesale lumber prices*

Average wholesale prices decreased in 1998 for all of the selected lumber products (table 7). Fourth quarter 1998 prices averaged a 9.4-percent decrease from the third quarter of 1998, across all five selected lumber products.

## **Plywood Production and Prices**

- *Plywood production in 1998*

United States softwood structural panel board production in 1998, at 29,128 million square feet (3/8-inch basis), increased 7.3 percent from 1997. Production in the fourth quarter of 1998 was 7.3 million board feet, down from the third quarter volume of 7.5 (table 1).

Wholesale prices of selected plywood products increased slightly from 1997 to 1998. Fourth quarter 1998 prices averaged a 1.6-percent decrease (table 8) from the third quarter 1998 prices.

## **Employment in Forest Products Industries**

- *Employment numbers for 1998*

The number of persons employed in the lumber and wood products industries decreased slightly in 1998 in Oregon (table 21). Fourth quarter 1998 Oregon and Washington employment numbers were down slightly from third quarter 1998.

In Oregon and Washington, there were 14.6 direct jobs per million board feet of timber harvested in 1998 (using the harvest figures from table 16).

## **Log, Pulp, and Chip Exports**

- *Washington and Oregon log exports*

Log exports from Washington and Oregon ports totaled 867.1 million board feet in 1998, as compared to 1,042.2 million board feet in 1997. In the fourth quarter of 1998, Washington Customs District exported 121.9 million board feet of logs to all countries, and Oregon Customs District exported 106.5 (table 27).

- *Log export prices for Washington and Oregon*

Softwood log exports from Washington and Oregon ports averaged \$712.13 (per thousand board feet) in 1998, down from the 1997 average of \$852.19. The fourth quarter 1998 values for both states averaged \$707.93 (table 29), down from \$719.76 in the third quarter of 1998.

- *Log exports from California and Alaska*

San Francisco Customs District exported slightly more logs in 1998 than in 1997 (table 30). The Anchorage Customs District exported 39.9 percent less logs in 1998 than in 1997 (table 31).

- *Pulp volumes in the Pacific Northwest*

The Seattle, Anchorage, and Columbia-Snake Customs Districts showed decreases in pulp export volumes from 1997 to 1998 (table 48).

- *Average value of pulp exports*

Two customs districts showed an increase in the average value for dissolving grade of pulp exports from 1997 to 1998 (table 49).

- *Chip exports*

Seattle and Anchorage Customs Districts reflected an increase in the volume of chips exported in 1998. Average values of chips increased in Columbia-Snake and Anchorage Customs Districts (table 50).

## **Lumber, Plywood, and Veneer Exports**

- *Lumber export volumes from the Northwest*

The lumber export figures showed a large decrease for both Washington and Oregon Customs Districts from 1997 to 1998 (table 52). The Columbia-Snake Customs District had a decrease of 43.8 percent from 1997, and 47.6 percent for the Seattle Customs District. Southern California lumber exports decreased slightly, and northern California dropped by 27.9 percent (tables 55 and 56). Alaska decreased lumber export volumes by 72.4 percent from 1997 to 1998 (table 57).

- *Average value of lumber exports*

In the Seattle and Columbia-Snake Customs Districts, the average value of lumber exports decreased from \$700.01 (per thousand board feet) in 1997 to \$659.74 in 1998 (table 54). Northern California (table 56) lumber export prices decreased from \$880.67 in 1997 to \$752.66 in 1998.

- *Lumber imports increase in Oregon*

The Seattle Customs District imported slightly over 3.0 billion board feet of lumber in 1998, mostly from Canada (table 70). The Columbia-Snake Customs District imported 89.3 million board feet in 1998, compared with nearly 64.5 million in 1997 (table 72).

- *Softwood plywood exports*

The 1998 volume of softwood plywood exports decreased from both Seattle and Columbia-Snake Customs Districts; however, the average values increased in 1998 (table 74).

- *Softwood veneer exports*

Compared with 1997, softwood veneer export volumes decreased in both Oregon and Washington in 1998 (table 76). Most of the veneer export values showed a decrease in 1998.

## **Timber Sold by Forest Service Regions**

- *Sold volume in Northern Region*

Not all ownership numbers are available, but the amount of timber sold on National Forest lands in Montana and northern Idaho decreased 26.2 percent from 1997 to 1998 (table 77).

- *Sold volume in northern California*

In 1998, the volume of timber sold on USDA Forest Service lands in northern California decreased 25.8 percent from the 1997 total (table 85).

- *Sold volume in Washington and Oregon*

Oregon and Washington showed an increase of 122.2 percent in the amount of timber sold on USDA Forest Service lands from 1997 to 1998 (table 91).

- *Sold volume in Alaska*

In 1998, the volume of timber sold on National Forest lands in Alaska decreased 88.5 percent from 1997 (table 97). Average values dropped slightly from 1997 (table 98).



## **TABLES AND FIGURES**

**Table 1—U.S. softwood lumber and structural panel board production, 1987-98**

Year	U.S. softwood lumber production				U.S. softwood structural panel board production
	Total softwood lumber	Western region <sup>a</sup>	Southern pine region	Other softwoods	
	----- Million board feet -----				<i>Million feet, 3/8-inch basis</i>
1987	38,235	23,942	12,473	1,820	27,752
1988	38,130	23,638	12,676	1,816	27,567
1989	37,545	23,212	12,544	1,789	27,153
1990	35,791	21,175	12,911	1,705	27,770
1991	33,161	19,075	12,507	1,579	24,539
1992	34,526	18,782	14,106	1,638	25,308
1993	33,077	17,366	14,134	1,577	25,873
1994	33,936	17,550	14,770	1,616	26,788
1995	31,915	15,665	14,731	1,519	26,766
1996	33,812	16,811	15,163	1,838	27,787
1997	34,720	16,818	16,013	1,889	27,151
1998:					
January	2,720	1,345	1,227	148	2,396
February	2,760	1,332	1,278	150	2,165
March	2,928	1,471	1,298	159	2,380
Total, 1st quarter	8,408	4,148	3,803	457	6,941
April	3,084	1,486	1,430	168	2,463
May	2,646	1,291	1,211	144	2,458
June	3,051	1,403	1,483	166	2,495
Total, 2d quarter	8,781	4,180	4,124	478	7,416
July	3,079	1,487	1,425	167	2,541
August	2,931	1,441	1,330	159	2,486
September	2,952	1,439	1,353	161	2,480
Total, 3d quarter	8,962	4,367	4,108	487	7,507
October	3,167	1,497	1,498	172	2,590
November	2,667	1,298	1,224	145	2,324
December	2,754	1,292	1,300	162	2,350
Total, 4th quarter	8,588	4,087	4,022	479	7,264
1998 total	34,740	16,782	16,057	1,901	29,128

<sup>a</sup> Includes western, inland, and California redwood regions.

Source: Western Wood Products Association, Portland, Oregon, and American Plywood Association, Tacoma, Washington.

**Table 2—Lumber production in Northwest States, 1988-98**

(In million board feet)

Year	Washington	Oregon	California <sup>a</sup>	Montana	Idaho
1988	4,408	8,601	5,671	1,558	2,015
1989	4,274	8,512	5,320	1,567	2,133
1990	3,919	7,511	4,981	1,459	2,034
1991	3,820	6,595	4,218	1,362	1,919
1992	4,072	6,200	3,997	1,455	1,958
1993	3,863	5,448	3,539	1,412	1,860
1994	4,200	5,703	3,521	1,310	1,849
1995	4,095	4,953	3,169	1,191	1,662
1996	3,917	5,374	3,257	1,170	1,802
1997 <sup>b</sup>	3,851	5,589	3,432	1,234	1,859
1998	3,913	5,486	3,188	1,304	1,908

<sup>a</sup> Includes 1 mill in Nevada.

<sup>b</sup> Beginning in 1997, Oregon and Washington figures reflect the elimination of hardwood production.

Source: Western Wood Products Association, Portland, Oregon.

**Table 3—Softwood lumber production in the inland region, by species, 1988-98<sup>a</sup>**

(In million board feet)

Year	All softwoods	Idaho		Douglas-fir and larch		Hem-fir <sup>b</sup>	Engelmann spruce	Lodgepole pine	Other softwoods
		Ponderosa pine	white pine	Sugar pine	Douglas-fir and larch				
1988	11,395	3,870	104	321	2,731	2,392	653	720	604
1989	11,348	3,767	87	291	2,683	2,600	473	835	612
1990	10,452	3,521	77	307	2,455	2,351	418	756	567
1991	9,510	3,105	68	292	2,374	2,115	424	652	480
1992	9,263	2,989	70	222	2,285	2,058	381	725	533
1993	8,312	2,720	66	154	2,015	1,884	382	644	447
1994	8,097	2,630	55	136	1,952	1,808	391	659	466
1995	7,015	2,204	40	98	1,745	1,649	306	583	390
1996	7,079	2,146	33	122	1,825	1,597	335	612	409
1997	7,382	2,077	31	138	2,055	1,708	334	652	387
1998	7,297	1,832	33	102	2,136	1,766	344	722	362

<sup>a</sup> Includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

<sup>b</sup> Western hemlock and white fir.

Source: Western Wood Products Association, Portland, Oregon.

**Table 4—Lumber production in the coast region, by species, 1988-98<sup>a</sup>**

(In million board feet)

Year	All species	Douglas-fir	Hem-fir <sup>b</sup>	Western redcedar	Incense-cedar	Pine	Other softwoods	Hardwoods
1988	10,029	6,727	2,000	564	52	358	24	304
1989	9,811	6,662	1,900	522	47	324	36	320
1990	8,751	5,794	1,655	518	58	351	44	331
1991	7,908	5,136	1,503	499	49	287	73	361
1992	7,948	4,973	1,719	500	34	299	52	371
1993	7,319	4,319	1,737	455	34	287	57	430
1994	7,902	4,631	1,955	455	40	289	82	450
1995	7,452	4,412	1,756	528	36	216	53	451
1996	7,745	4,478	2,090	509	31	167	63	407
1997	7,772	4,632	2,362	506	35	177	60	0
1998	7,799	4,674	2,426	432	19	186	62	0

<sup>a</sup> Includes western Washington and western Oregon.

<sup>b</sup> Western hemlock and white fir combined.

Source: Western Wood Products Association, Portland, Oregon.

**Table 5—Softwood structural panel board production in the United States, by State, 1988-98<sup>a</sup>**

(In million square feet, 3/8-inch basis)

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States <sup>b</sup>	Northern States <sup>c</sup>
1988	27,202.8	7,850.4	1,585.8	126.3	1,501.2	13,609.3	2,529.8
1989	26,940.3	6,774.9	1,462.2	94.2	1,550.7	13,740.0	2,868.3
1990	26,337.2	5,962.1	1,255.4	62.0	1,539.9	14,501.0	3,016.8
1991	24,265.2	4,952.1	1,172.6	58.4	1,405.2	13,596.0	3,080.9
1992	25,984.7	4,766.8	1,155.5	58.9	1,440.0	15,051.2	3,512.2
1993	26,317.8	4,113.2	1,243.3	0	1,419.0	15,883.1	3,659.2
1994	27,124.3	4,293.7	1,151.1	0	1,322.7	16,596.0	3,760.9
1995	27,269.6	3,824.0	1,140.2	0	1,350.7	17,202.4	3,752.2
1996	28,495.0	3,773.0	1,045.0	0	1,262.0	18,747.0	3,668.0
1997	28,497.0	3,471.0	986.0	0	1,024.0	18,367.0	3,487.0
1998	29,003.0	3,492.0	978.0	0	980.0	18,496.0	3,733.0

Note: Since 1996, Oklahoma, Colorado, New York, and Tennessee were combined to total 1,180 in 1996, 1,162 in 1997, and 1,323 in 1998.

<sup>a</sup> Structural panel board includes plywood, waferboard, and oriented strand board (OSB).

<sup>b</sup> Includes Alabama, Arkansas, Florida, Georgia, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Texas, Virginia, and West Virginia.

<sup>c</sup> Includes Maine, Michigan, Minnesota, New Hampshire, New York, and Wisconsin.

Source: American Plywood Association.

**Table 6—Softwood lumber and plywood production in British Columbia, 1988-98**

Year	Softwood lumber production			Softwood plywood production
	Total	Coast	Interior	
	----- Million board feet -----			Million ft <sup>2</sup> , 3/8-inch basis
1988	15,572	4,583	10,989	2,067
1989	15,236	4,140	11,096	2,071
1990	14,186	3,787	10,399	1,853
1991	13,309	3,466	9,843	1,610
1992	14,141	3,516	10,625	1,754
1993	14,381	3,585	10,796	1,741
1994	14,269	3,681	10,588	1,736
1995	13,820	3,313	10,507	1,722
1996	13,845	3,387	10,458	1,671
1997	13,376	3,032	10,344	1,668
1998	12,814	2,684	10,130	1,574

Source: Statistics Canada, Ottawa, Canada, and Council of Forest Industries.

**Table 7—Wholesale prices of selected lumber products, 1987-98**

(In dollars per thousand board feet)

Year	Douglas-fir std. and btr., 2 by 4 RL, 8/20', KD, net, f.o.b. mill	Ponderosa pine boards, no. 3, 1 by 12 RL, KD, net, f.o.b. mill	Ponderosa pine, no. 2 shop, 6/4 RWRL, S2S, net, f.o.b. mill	Fir-larch std. and btr., 2 by 4 RL, 8/20', KD, net, f.o.b. mill	Spruce-pine-fir std. and btr., 2 by 4 RL, 8/20', KD, net, f.o.b. mill
1987	227.52	268.99	634.79	222.58	200.15
1988	232.19	279.49	630.00	214.68	185.75
1989	263.51	333.83	577.91	237.07	183.70
1990	241.74	286.34	539.34	224.60	186.25
1991	249.99	344.01	674.56	233.71	187.10
1992	294.51	463.29	831.40	281.72	231.15
1993	418.27	483.58	1,061.65	410.23	334.01
1994	408.92	533.06	1,028.79	398.65	344.25
1995	332.49	468.38	970.40	325.92	250.88
1996	421.77	461.58	919.19	420.28	350.80
1997:	417.49	545.96	1,008.33	408.08	354.47
1998:					
January	353.75	400.00	893.75	354.25	278.75
February	357.50	400.00	895.00	353.00	297.00
March	337.25	400.00	895.00	344.75	288.25
Average, 1st quarter	349.50	400.00	894.58	350.67	288.00
April	340.00	410.00	895.00	343.75	308.50
May	309.00	392.00	895.00	320.40	273.80
June	325.00	352.50	895.00	321.75	275.50
Average, 2d quarter	324.67	384.83	895.00	328.63	285.93
July	357.00	350.00	895.00	349.00	280.80
August	395.00	367.50	883.75	388.00	309.75
September	342.50	375.00	861.25	343.75	284.50
Average, 3d quarter	364.83	364.17	880.00	360.25	291.68
October	315.00	372.00	850.00	315.40	271.00
November	323.75	380.00	850.00	323.00	292.25
December	324.00	420.00	850.00	323.80	299.60
Average, 4th quarter	320.92	390.67	850.00	320.73	287.62
1998 average	339.98	384.92	879.90	340.07	288.31
----- 4th quarter 1998 change, in percent -----					
From:					
4th quarter 1997	-14.2	-11.2	-4.8	-11.4	-2.7
3rd quarter 1998	-12.0	7.3	-3.4	-11.0	-1.4

Source: Random Lengths Publications, Inc.

**Table 8—Wholesale prices of selected softwood plywood products, 1987-98**

(In dollars per thousand square feet)

Year	Sheathing, western exterior, 3/8-inch, CD, net f.o.b. mill	Sheathing, southern (west) <sup>a</sup> exterior, 3/8-inch, CD, net f.o.b. mill	Sanded, western interior, 1/4-inch, AD, net f.o.b. mill
1987	151.17	150.98	184.88
1988	151.58	140.09	190.65
1989	176.36	163.56	237.30
1990	171.37	154.75	258.21
1991	172.27	151.69	242.02
1992	212.10	202.34	274.83
1993	237.80	221.38	323.75
1994	251.93	239.40	326.82
1995	256.93	241.71	337.56
1996	230.08	200.75	339.23
1997	240.38	212.81	363.52
1998:			
January	224.50	215.00	355.00
February	221.00	218.25	355.00
March	214.75	211.00	355.00
Average, 1st quarter	220.08	214.75	355.00
April	215.25	212.50	355.00
May	215.75	209.50	355.00
June	223.00	207.50	355.00
Average, 2d quarter	218.00	209.83	355.00
July	243.60	226.40	355.00
August	268.00	253.75	355.00
September	265.25	246.75	366.25
Average, 3d quarter	258.95	242.30	358.75
October	240.80	227.00	370.00
November	248.00	244.25	370.00
December	248.40	238.00	370.00
Average, 4th quarter	245.73	236.42	370.00
1998 average	235.69	225.83	359.69
	----- 4th quarter 1998 change, in percent -----		
From:			
4th quarter 1997	6.5	7.6	4.1
3rd quarter 1998	-5.1	-2.4	3.1

<sup>a</sup> Texas, Louisiana, and Arkansas.

Source: Random Lengths Publications, Inc.



**Table 9—Percentage of total volume and f.o.b. mill prices for Douglas-fir lumber, coast mills, 1987-98<sup>a</sup>**

(Volume in thousand board feet; price in dollars per thousand board feet)

Year	C selects		D selects and shop		Structural items		Heavy framing		Light framing		Utility		Economy		Total volume, all grades
	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1987	2.0	837	2.8	411	14.5	257	23.3	258	45.4	206	8.2	138	3.8	66	3,975,895
1988	1.8	927	2.1	474	16.7	297	21.8	285	46.2	219	7.1	138	4.3	85	3,691,263
1989	1.0	1,078	1.6	503	15.9	325	22.9	330	47.4	246	7.0	168	4.2	110	3,659,762
1990	1.0	1,236	1.5	521	16.1	305	22.5	310	47.9	232	6.5	156	4.5	102	3,038,613
1991	.6	1,200	1.2	535	14.3	316	23.5	306	48.7	230	7.3	158	4.4	101	2,674,855
1992	.3	1,350	1.0	576	11.6	348	24.3	349	51.9	273	6.6	205	4.2	123	2,507,869
1993	.1	1,197	.7	809	11.2	511	24.2	517	54.7	393	5.4	295	3.7	175	2,386,007
1994	.1	1,413	.8	752	11.5	478	23.5	485	55.0	385	5.3	294	3.8	148	2,700,841
1995	.1	1,172	.7	699	12.2	448	21.9	442	57.2	330	4.9	224	3.0	142	2,436,390
1996	0	--	.7	668	10.1	519	21.8	485	60.1	392	3.5	261	3.8	134	2,385,259
1997:	0	--	.4	711	9.1	530	23.2	499	59.9	397	3.4	274	4.0	164	2,345,066
1998:															
1st quarter	0	--	.6	661	8.4	434	26.5	401	57.4	333	3.4	241	3.7	156	522,172
2d quarter	0	--	.4	656	9.4	406	24.2	362	59.1	314	3.2	245	3.6	159	609,790
3d quarter	0	--	.4	667	9.4	443	23.6	391	59.1	356	3.8	246	3.8	144	621,827
4th quarter	0	--	.3	628	9.6	403	22.4	380	60.2	296	3.8	325	3.6	111	573,285
1998 average	0	--	.4	655	9.2	421	24.1	383	59.0	325	3.6	266	3.7	143	2,327,074

<sup>a</sup> Figures are a volume-weighted average of green and dry surfaced and rough grades.

Source: Data are compiled by Western Wood Products Association from copies of invoices submitted to the Association by mills accounting for about 65 to 70 percent of the region's production; individual groupings from Pacific Northwest Research Station.

Table 10—Percentage of total volume for ponderosa pine lumber, inland mills, 1987-98<sup>a</sup>

(In thousand board feet)

Year	4/4 selects and 1 shop				5/4 and thicker moulding and shops			4/4 commons and 8/4 std. & btr.			Low value						
	C and btr. 6-12 in.	D 12	D 6-10 in.	D 4 in. shop	Mldg. and btr. 1	shop 2	shop 3	Shopout	2 com. 12 in. 4-10 in.	3 com. 6-12 in. 8/4 dim. 4-12 in.	No. 3 and util.	5 com. and econ.	Total volume, all grades				
1987	.9	.2	.4	.7	2.4	5.7	3.1	17.9	17.5	4.7	4.0	6.0	28.1	5.3	1.6	1.4	2,331,497
1988	.8	.2	.4	.7	2.7	5.8	2.7	17.2	18.0	5.4	3.9	5.5	28.4	5.2	1.7	1.5	2,252,696
1989	.6	.2	.3	.7	2.2	5.6	2.9	17.8	19.9	6.7	3.8	5.8	25.9	5.0	1.2	1.4	2,204,308
1990	.6	.1	.3	.6	2.0	5.3	2.7	17.8	21.3	7.0	3.7	5.4	25.0	5.2	1.1	1.7	2,045,830
1991	.7	.1	.3	.7	2.1	6.0	2.9	17.8	22.7	7.8	3.6	5.6	22.0	4.7	1.3	1.6	1,789,289
1992	.5	.1	.3	.7	1.8	5.9	2.5	16.5	23.2	9.8	3.1	7.0	20.9	4.9	1.1	1.4	1,643,951
1993	.3	.1	.2	.5	1.6	4.7	1.8	12.6	21.5	14.8	3.3	8.9	21.9	5.2	1.4	1.2	1,844,062
1994	.3	.1	.2	.5	1.4	4.1	1.5	10.8	20.8	14.7	3.4	10.4	23.5	5.5	1.3	1.5	1,712,968
1995	.3	.1	.2	.4	1.5	3.8	1.3	10.2	21.0	15.0	4.0	11.9	22.1	5.8	1.3	1.1	1,519,049
1996	.3	.1	.2	.4	1.5	3.3	1.2	9.4	20.8	17.7	3.5	12.1	21.2	6.2	1.1	1.1	1,421,090
1997	.2	.1	.2	.4	1.5	2.4	1.0	7.8	19.6	16.0	4.0	14.6	23.5	6.7	1.0	1.2	1,304,349
1998:																	
1st quarter	.2	0	.2	.4	1.1	2.5	1.1	7.8	19.1	14.9	4.5	13.8	25.1	7.0	1.1	1.2	305,337
2d quarter	.2	.1	.2	.5	1.2	2.6	1.2	9.2	21.3	15.1	3.6	14.5	22.6	6.2	.8	.8	311,628
3d quarter	.1	0	.2	.5	1.1	2.9	1.0	7.8	22.8	16.0	3.8	15.3	20.6	6.2	.7	1.0	350,192
4th quarter	.2	0	.2	.4	1.0	3.0	1.1	8.4	21.4	13.9	3.7	15.5	22.9	6.6	.8	.9	314,295
1998 average	.2	0	.2	.5	1.1	2.7	1.1	8.3	21.2	15.0	3.9	14.8	22.8	6.5	.8	1.0	1,281,067

<sup>a</sup> Figures are a volume-weighted average of green and dry surfaced and rough grades.

Source: Data are compiled by Western Wood Products Association from copies of invoices submitted to the association by mills accounting for about 80 percent of the region's production; individual groupings from Pacific Northwest Research Station.

**Table 11—F.O.B. mill prices for ponderosa pine lumber, inland mills, 1987-98**

(In dollars per thousand board feet)

Year	4/4 selects and 1 shop			5/4 and thicker moulding and shops			4/4 commons and 8/4 std. & btr.			Low value				
	C and btr. 6-12 in.	D 12 in.	D 4 in.	Mldg. and btr. 1 shop	2 shop	3 shop	2 com. 12 in.	2 com. 4-10 in.	3 com. 6-12 in.		No. 3 and util.			
1987	1,563	1,336	1,088	1,306	762	644	413	224	447	367	247	175	131	79
1988	1,892	1,510	1,076	1,282	746	625	411	229	505	363	246	174	137	87
1989	1,805	1,523	1,016	1,265	730	589	434	258	532	331	261	189	155	105
1990	1,478	1,453	996	1,051	677	542	414	247	534	356	248	187	145	99
1991	1,335	1,259	911	1,090	795	655	517	259	523	372	272	184	147	99
1992	1,749	1,484	1,195	1,371	970	845	631	335	686	423	337	226	196	133
1993	2,198	1,910	1,510	1,957	1,189	1,059	741	447	706	498	381	289	250	174
1994	2,347	2,343	1,316	1,753	1,145	1,017	701	448	803	569	413	302	254	157
1995	1,887	1,982	1,095	1,491	1,089	972	661	410	695	507	367	251	215	158
1996	1,569	1,251	1,071	1,381	1,005	899	692	427	683	544	361	250	224	141
1997	2,123	1,571	1,366	1,659	1,141	1,024	766	482	825	602	427	302	248	169
1998:														
1st quarter	2,179	1,636	1,286	1,491	1,018	905	593	428	745	515	354	267	221	164
2d quarter	2,173	1,649	1,300	1,507	1,013	900	599	407	706	505	349	288	221	165
3d quarter	2,154	1,584	1,125	1,465	1,003	892	635	412	631	500	326	291	210	160
4th quarter	1,965	1,554	1,080	1,402	992	873	626	407	657	541	317	265	197	130
1998 average	2,116	1,608	1,202	1,480	1,006	892	615	414	685	515	337	278	213	155

Source: Data are compiled by Western Wood Products Association from copies of invoices submitted to the association by mills accounting for about 80 percent of the region's production; individual groupings from Pacific Northwest Research Station.

**Table 12—Percentage of total volume and f.o.b. mill prices for hem-fir lumber, inland mills, 1987-98<sup>a</sup>**

(Volume in thousand board feet; price in dollars per thousand board feet)

Year	Moulding		Shop		Structural items		Heavy framing		Light framing		Utility		Economy		Total volume, all grades
	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1987	1.7	706	4.9	354	.6	261	29.3	280	47.8	214	10.0	132	5.6	75	1,562,432
1988	1.7	712	4.8	350	1.6	270	29.7	274	47.3	215	9.6	134	5.3	85	1,613,020
1989	1.9	743	5.6	393	1.9	277	30.4	279	46.1	230	9.3	154	4.9	102	1,710,614
1990	1.4	910	5.4	399	1.8	283	29.7	260	47.6	221	8.8	143	5.1	93	1,563,427
1991	1.3	790	4.6	431	2.0	282	30.9	265	46.1	226	9.7	139	5.4	95	1,520,080
1992	1.4	898	5.3	487	3.1	316	31.3	306	44.9	271	8.9	186	5.1	131	1,433,806
1993	1.3	1,277	4.6	663	4.0	444	29.7	439	47.1	373	8.9	276	4.5	181	1,312,611
1994	1.0	1,111	3.8	650	3.9	469	29.3	451	48.4	398	9.1	300	4.5	153	1,305,572
1995	.8	1,133	3.9	602	3.8	407	29.1	399	48.1	325	10.1	244	4.3	140	1,103,315
1996	.8	1,149	4.2	584	3.5	454	25.6	431	53.7	392	7.4	241	4.9	140	1,087,999
1997	.8	955	3.6	641	3.4	489	30.0	479	50.1	396	7.5	262	4.7	174	1,176,948
1998:															
1st quarter	.6	991	2.9	522	4.3	384	26.4	366	54.1	339	6.7	232	5.0	164	267,418
2d quarter	.7	1,043	3.3	545	4.2	372	27.0	335	52.9	334	7.6	235	4.3	167	319,945
3d quarter	.5	993	2.7	453	4.5	370	26.0	322	55.5	339	6.7	227	4.2	157	332,383
4th quarter	.7	812	2.4	440	4.3	359	25.2	323	57.0	316	6.5	201	3.9	109	317,536
1998 average	.6	956	2.8	495	4.3	371	26.2	335	54.9	332	6.9	224	4.3	150	1,237,282

<sup>a</sup> Figures are a volume-weighted average of green and dry surfaced and rough grades.

Source: Data are compiled by Western Wood Products Association from copies of invoices submitted to the Association by mills accounting for about 80 percent of the region's production; individual groupings from Pacific Northwest Research Station.

**Table 13—Percentage of total volume and f.o.b. mill prices for hem-fir lumber, coast mills, 1987-98 <sup>a</sup>**

(Volume in thousand board feet; price in dollars per thousand board feet)

Year	C selects		D selects and shop		Structural items		Heavy framing		Light framing		Utility		Economy		Total volume, all grades
	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1987	0.3	601	2.3	414	2.9	273	14.8	286	64.9	215	9.3	131	5.3	76	1,011,504
1988	0.3	633	2.2	461	3.2	273	14.2	289	66.4	221	8.2	137	5.5	89	946,868
1989	0.3	718	2.0	466	4.2	274	16.9	298	63.6	234	7.4	155	5.8	105	903,323
1990	0.2	820	1.5	500	5.5	270	16.4	283	62.8	224	7.5	150	6.1	97	784,600
1991	0.2	800	1.6	463	4.8	283	16.3	277	62.3	230	8.7	147	6.2	96	696,775
1992	0.1	883	1.5	488	5.8	321	17.3	312	62.5	266	6.9	188	6.0	129	922,463
1993	0	--	.8	640	6.7	433	17.4	443	61.8	365	7.2	238	6.1	179	977,364
1994	0	--	.6	596	4.1	436	19.0	452	62.6	384	6.7	268	7.0	164	1,180,705
1995	0	--	.5	590	3.7	357	22.9	397	59.1	312	7.6	209	6.2	154	1,001,187
1996	0	--	.5	593	3.4	424	20.5	436	61.2	376	7.4	243	7.0	148	1,177,493
1997	0	--	.4	560	2.5	451	20.0	469	62.1	375	7.9	263	7.2	176	1,395,881
1998:															
1st quarter	0	--	.3	502	2.0	384	22.6	360	60.6	324	8.2	236	6.4	170	335,036
2d quarter	0	--	.2	492	2.3	365	23.4	338	60.8	310	8.0	239	5.2	165	355,909
3d quarter	0	--	.1	505	2.7	373	19.2	333	65.0	319	7.5	235	5.4	153	317,842
4th quarter	0	--	.1	502	2.1	362	19.9	338	65.2	302	7.7	197	5.0	119	337,049
1998 average	0	--	.2	499	2.3	371	21.3	343	62.8	314	7.9	227	5.5	153	1,345,836

<sup>a</sup> Figures are a volume-weighted average of green and dry surfaced and rough grades.

Source: Data are compiled by Western Wood Products Association from copies of invoices submitted to the Association by mills accounting for approximately 65 to 70 percent of the region's production; individual groupings from Pacific Northwest Research Station.

**Table 14—Weighted average f.o.b. mill prices for coast and inland lumber, 1987-98**

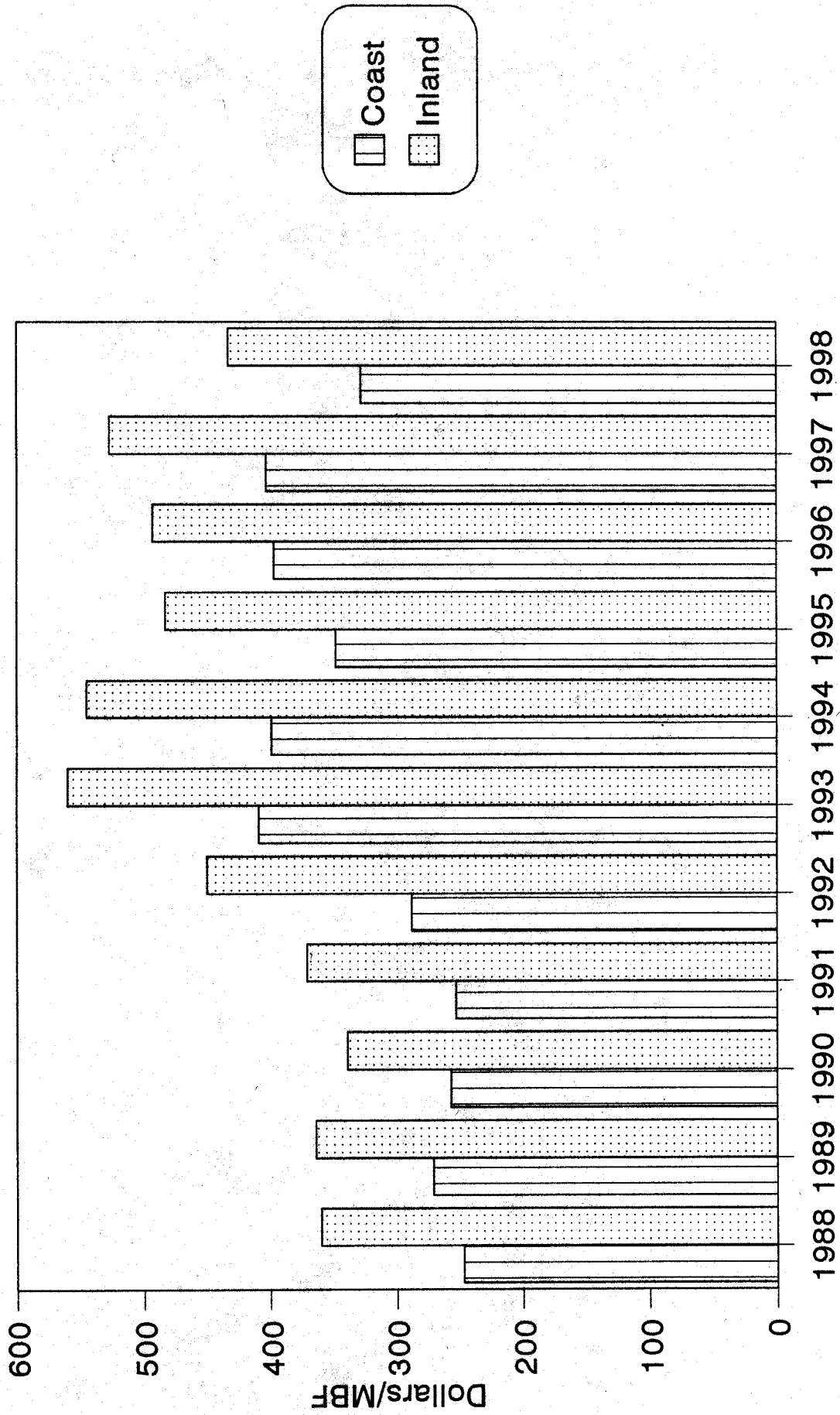
(In dollars per thousand board feet)

Year	Coast			Inland		
	Douglas-fir	Hem-fir	Weighted average	Ponderosa pine	Hem-fir	Weighted average
1987	233	217	230	455	233	366
1988	253	225	247	450	234	360
1989	279	240	271	452	252	364
1990	265	228	257	416	239	339
1991	259	230	253	481	240	371
1992	295	268	288	591	289	450
1993	427	365	409	672	404	560
1994	409	377	399	645	413	545
1995	361	317	348	580	351	483
1996	413	365	397	568	395	493
1997:						
1st quarter	439	392	423	653	433	551
2d quarter	443	396	426	676	448	570
3d quarter	415	374	400	612	424	522
4th quarter	377	328	357	529	361	447
1997 average	420	373	403	627	417	527
1998:						
1st quarter	352	317	338	530	341	442
2d quarter	328	305	319	539	333	435
3d quarter	362	308	344	536	327	434
4th quarter	320	294	310	534	310	421
1998 average	340	306	328	536	327	433

Note: Weighted averages are based on the volume of all grades combined.

Source: Western Wood Products Association.

Figure 1 --Weighted average f.o.b. mill prices for coast and inland lumber, 1988-98



**Table 15—Average prices for domestic and exported alder, western region, 1987-98**

(Prices in dollars per thousand board feet, f.o.b. mill)

Year and quarter	Domestic alder		Exported alder	
	1 by 4 green pallet stock	4/4 select and better	Logs	Lumber
1987	218.13	761.88	NA	677.11
1988	245.00	772.31	NA	850.93
1989	254.61	888.31	690.73	791.70
1990	255.00	944.71	413.42	851.06
1991	223.87	938.83	424.29	875.80
1992	239.73	1,027.27	506.50	1,035.20
1993	276.98	1,191.46	592.40	1,153.19
1994	268.80	1,236.06	1,651.04	1,249.99
1995	260.00	1,210.00	536.43	1,098.04
1996	NA	NA	513.97	1,139.34
1997:				
1st quarter	NA	NA	590.79	1,096.65
2d quarter	NA	NA	781.66	1,137.19
3d quarter	NA	NA	1,049.12	1,137.99
4th quarter	NA	NA	920.28	1,137.66
1997 average	NA	NA	669.27	1,127.64
1998:				
1st quarter	NA	NA	1,011.38	1,089.20
2d quarter	NA	NA	1,427.73	1,071.49
3d quarter	NA	NA	591.12	956.49
4th quarter	NA	NA	941.88	931.97
1998 average	NA	NA	978.17	1,007.67

NA = not available.

Source: Weekly Hardwood Review and U.S. Department of Commerce.



**Table 16—Washington and Oregon timber harvest by ownership, 1988-98**

(In million board feet, Scribner scale)

State and year	Private	State	National Forest	Bureau of Land Management	Bureau of Indian Affairs	Other public	Total
Washington:							
1988	4,406	826	1,486	0	271	56	7,045
1989	4,520	842	1,141	1	262	22	6,788
1990	4,147	657	817	4	182	42	5,849
1991	3,650	535	704	1	172	42	5,104
1992	3,844	476	461	a	186	51	5,018
1993	3,321	461	322	a	192	33	4,330
1994	3,421	323	200	a	199	14	4,156
1995	3,490	496	150	a	230	26	4,393
1996	3,274	600	182	a	270	40	4,366
1997	3,139	645	166	a	226	44	4,221
1998	3,044	546	111	a	275	46	4,022
Oregon:							
1988	3,259	270	3,487	1,439	121	39	8,615
1989	3,721	198	3,307	1,026	124	44	8,420
1990	3,229	137	2,014	704	98	37	6,219
1991	3,312	91	2,068	486	87	36	6,080
1992	3,581	135	1,403	483	111	29	5,742
1993	3,608	116	1,102	361	75	31	5,294
1994	3,244	130	596	92	80	25	4,167
1995	3,432	109	515	139	79	30	4,304
1996	3,018	115	401	289	71	29	3,923
1997	3,133	176	523	136	79	35	4,081
1998	2,840	141	333	122	71	25	3,532

<sup>a</sup> Less than 1 million board feet.

Source: Washington Department of Natural Resources and Oregon Department of Forestry.

**Table 17—British Columbia timber harvest,  
1988-98**

(In thousand cubic meters)

Year	Coast <sup>a</sup>	Interior <sup>b</sup>	Total
1988	32,812	53,994	86,806
1989	29,904	57,474	87,414
1990	25,209	53,108	78,316
1991	24,760	48,916	73,676
1992	24,681	50,239	74,920
1993	25,684	53,555	79,239
1994	25,215	50,435	75,650
1995	25,959	50,512	76,471
1996	22,926	52,287	75,213
1997	22,341	46,287	68,629
1998	19,588	46,396	65,984

<sup>a</sup> Comprises the Vancouver Forest District and half of Prince Rupert Forest District.

<sup>b</sup> Comprises Cariboo, Kamloops, Nelson, and Prince George Forest Districts and 1/2 of Prince Rupert Forest District.

Source: Ministry of Forests Annual Report, Province of British Columbia (respective years).

**Table 18—Montana and Idaho timber harvest by ownership, 1988-98**

(In million board feet, Scribner scale)

State and year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest	Total
Montana:						
1988	608.5	41.5	56.0	7.7	513.3	1,227.0
1989	636.7	44.0	70.8	6.5	555.9	1,313.8
1990	611.9	31.5	45.6	5.1	444.8	1,138.9
1991	523.9	26.9	43.8	7.1	338.0	939.6
1992	593.2	37.7	50.1	10.3	388.5	1,079.8
1993	636.2	19.8	36.7	4.8	298.3	995.8
1994	706.7	12.9	22.8	1.3	232.3	975.9
1995	693.2	14.6	41.8	2.9	165.4	917.9
1996	612.3	25.2	28.9	3.0	209.0	878.4
1997	624.7	27.9	29.4	10.7	208.9	901.6
1998	587.5	30.5	23.4	2.8	201.0	845.1
Idaho:						
1988	697.5	208.4	16.2	13.6	725.2	1,660.9
1989	819.7	249.5	13.5	16.4	810.2	1,909.2
1990	738.4	227.1	19.9	10.5	756.8	1,752.7
1991	865.5	163.5	15.8	24.3	739.0	1,808.1
1992	732.8	262.4	17.8	8.1	643.4	1,664.5
1993	790.6	217.3	11.9	4.4	586.2	1,610.3
1994	855.1	206.5	8.3	7.5	429.7	1,507.1
1995	809.8	230.2	12.7	5.4	322.5	1,380.6
1996	822.4	228.9	13.3	11.4	338.3	1,414.4
1997	878.7	180.9	17.2	8.4	283.2	1,368.5
1998	753.3	258.0	12.9	8.3	239.8	1,272.2

Source: Respective agencies.

**Table 19—Alaska timber harvest by ownership, 1988-98**

(In thousand board feet, Scribner scale)

Year	State	Private	Bureau of Land Management				National Forest			Total
			Bureau of Indian Affairs	Free use	Cut	Total	Tongass	Chugach	Total	
1988	25,177	517,000	0	112	0	112	407,062	1,185	408,947	951,236
1989	17,728	613,000	3,600	270	25	295	392,344	69,516	461,860	1,096,483
1990	11,163	547,500	300	407	0	407	473,000	1,000	474,000	1,033,370
1991	7,026	579,700	7,253	675	0	675	325,464	1,035	326,499	921,153
1992	26,802	587,800	6,163	675	175	850	392,348	2,973	395,321	1,016,936
1993	9,383	564,800	1,180	450	611	1,061	317,452	9,598	327,050	903,474
1994	20,800	552,000	0	632	391	1,023	249,378	2,477	251,855	825,678
1995	18,628	597,000	583	50	246	296	197,487	2,239	199,726	816,233
1996	15,489	627,000	300	1,959	126	2,085	94,748	3,182	97,930	742,804
1997	14,296	597,800	0	501	5	506	122,107	2,527	124,634	737,236
1998	NA	<sup>a</sup> 216,600	0	NA	NA	NA	120,491	1,038	121,529	NA

NA = Not available.

<sup>a</sup> Fiscal-year basis.

Source: Respective agencies.

**Table 20—California timber harvest by ownership, 1988-98**

(In million board feet, Scribner scale)

Year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest <sup>a</sup>	Total
1988	2,598	31	14	16	2,181	4,840
1989	2,638	37	11	12	2,024	4,722
1990	2,673	24	14	10	1,530	4,251
1991	2,065	38	<sup>b</sup> 24	11	1,336	3,474
1992	2,124	23	<sup>b</sup> 32	9	1,026	3,214
1993	2,263	34	<sup>b</sup> 13	8	739	3,057
1994	1,980	17	<sup>b</sup> 15	19	808	2,839
1995	1,929	40	16	6	544	2,535
1996	1,985	55	13	12	458	2,523
1997	2,042	47	15	5	548	2,657
1998	1,836	26	16	1	453	2,332

<sup>a</sup> Includes sawtimber, poles, posts, fuelwood, cull logs, and other miscellaneous convertible products.<sup>b</sup> Fiscal-year basis.

Source: Respective agencies.

**Table 21—Employment in forest products industries in Washington and Oregon, 1987-98**

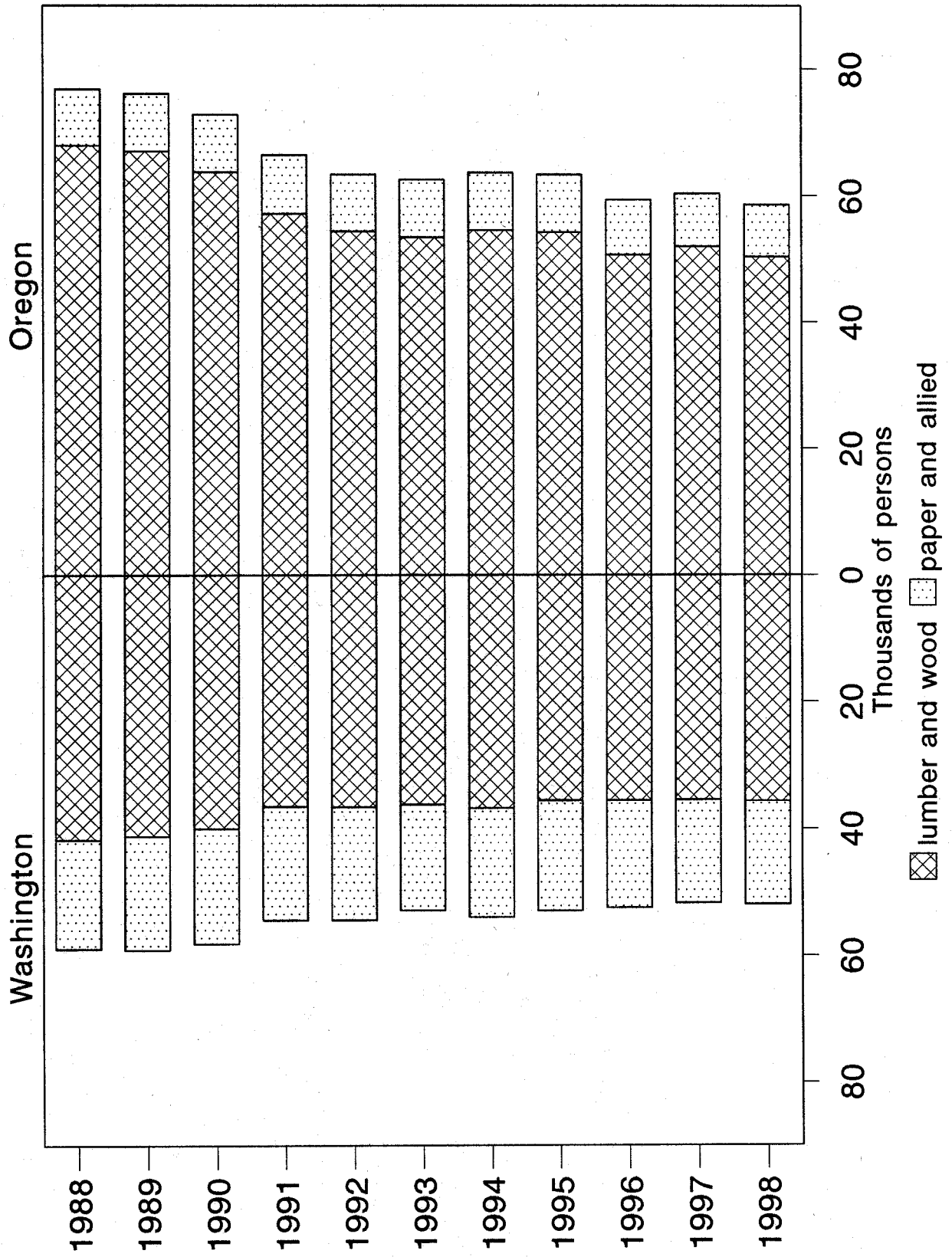
(In thousands of persons)

Year	Washington and Oregon			Washington			Oregon		
	Total	Lumber and wood products	Paper and allied products	Total	Lumber and wood products	Paper and allied products	Total	Lumber and wood products	Paper and allied products
1987	131.9	105.8	26.2	56.5	39.2	17.3	75.4	66.5	8.9
1988	135.6	109.6	26.0	58.8	41.7	17.1	76.8	67.9	8.9
1989	135.1	108.2	27.0	59.0	41.1	17.9	76.1	67.0	9.1
1990	130.8	103.6	27.2	58.0	39.9	18.1	72.8	63.7	9.1
1991	120.7	93.5	27.2	54.3	36.4	17.9	66.4	57.1	9.3
1992	117.6	90.8	26.8	54.3	36.5	17.8	63.3	54.3	9.0
1993	115.2	89.4	25.8	52.8	36.1	16.7	62.5	53.4	9.1
1994	117.5	91.1	26.3	53.9	36.7	17.2	63.6	54.5	9.1
1995	116.1	89.7	26.4	52.8	35.5	17.4	63.3	54.2	9.1
1996	111.6	86.0	25.6	52.3	35.5	16.9	59.3	50.6	8.7
1997	112.0	87.3	24.7	51.7	35.4	16.3	60.3	51.9	8.4
1998:									
January	109.2	84.4	24.8	51.2	34.7	16.5	58.0	49.7	8.3
February	109.5	84.9	24.6	51.3	34.9	16.4	58.2	50.0	8.2
March	108.9	84.3	24.6	51.1	34.7	16.4	57.8	49.6	8.2
Average, 1st quarter	109.2	84.5	24.7	51.2	34.8	16.4	58.0	49.8	8.2
April	109.0	84.8	24.2	50.7	34.7	16.0	58.3	50.1	8.2
May	109.9	85.8	24.1	51.4	35.4	16.0	58.5	50.4	8.1
June	111.2	86.8	24.4	52.4	36.2	16.2	58.8	50.6	8.2
Average, 2d quarter	110.0	85.8	24.2	51.5	35.4	16.1	58.5	50.4	8.2
July	112.8	87.9	24.9	53.2	36.5	16.7	59.6	51.4	8.2
August	113.3	88.4	24.9	53.2	36.6	16.6	60.1	51.8	8.3
September	112.2	87.5	24.7	53.1	36.6	16.5	59.1	50.9	8.2
Average, 3d quarter	112.8	87.9	24.8	53.2	36.6	16.6	59.6	51.4	8.2
October	110.7	86.5	24.2	52.2	36.1	16.1	58.5	50.4	8.1
November	109.6	85.5	24.1	51.7	35.6	16.1	57.9	49.9	8.0
December	108.4	84.1	24.3	51.4	35.2	16.2	57.0	48.9	8.1
Average, 4th quarter	109.6	85.4	24.2	51.7	35.6	16.1	57.8	49.7	8.1
1998 average	110.4	85.9	24.5	51.9	35.6	16.3	58.5	50.3	8.2
----- 4th quarter 1998 change in employment -----									
From:									
4th qtr. 1997	-2.0	-1.7	-.3	.2	.1	0.0	-2.2	-1.9	-.3
3d qtr. 1998	-3.2	-2.5	-.6	-1.5	-1.0	-.5	-1.8	-1.7	-.1

Note: "Lumber and wood products" and "Paper and allied products" columns may not add to "Total" because of rounding.

Source: State employment agencies. The lumber and wood products industry includes logging, lumber, plywood, poles and pilings, and miscellaneous wood products (excluding furniture). The paper and allied products industry includes pulp, paper, paperboard, and building board products. Data are based on place of employment.

Figure 2--Employment in forest products industry, Washington and Oregon, 1988-98



**Table 22—Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-98**

(In thousands of persons)

Year	Washington and Oregon		Washington		Oregon	
	Total	Forest industries	Total	Forest industries	Total	Forest industries
1990	3,394.9	130.8	2,143.0	58.0	1,251.9	72.8
1991	3,428.0	120.7	2,177.4	54.3	1,250.6	66.4
1992	3,496.4	117.6	2,222.2	54.3	1,274.2	63.3
1993	3,560.2	115.3	2,249.8	52.8	1,310.4	62.5
1994	3,668.3	117.5	2,304.3	53.9	1,364.0	63.6
1995	3,765.5	116.1	2,348.5	52.8	1,417.0	63.3
1996	3,888.6	111.6	2,411.8	52.3	1,476.8	59.3
1997	4,034.9	112.0	2,512.0	51.7	1,522.9	60.3
1998:						
January	3,924.3	109.2	2,414.1	51.2	1,510.2	58.0
February	3,956.6	109.5	2,433.7	51.3	1,522.9	58.2
March	3,990.7	108.9	2,459.1	51.1	1,531.6	57.8
Average, 1st quarter	3,957.2	109.2	2,435.6	51.2	1,521.6	58.0
April	4,026.4	109.0	2,481.5	50.7	1,544.9	58.3
May	4,073.6	109.9	2,514.8	51.4	1,558.8	58.5
June	4,114.4	111.2	2,545.4	52.4	1,569.0	58.8
Average, 2d quarter	4,071.5	110.0	2,513.9	51.5	1,557.6	58.5
July	4,077.2	112.8	2,524.3	53.2	1,552.9	59.6
August	4,085.2	113.3	2,526.5	53.2	1,558.7	60.1
September	4,127.0	112.2	2,553.7	53.1	1,573.3	59.1
Average, 3d quarter	4,096.5	112.8	2,534.8	53.2	1,561.6	59.6
October	4,148.6	110.7	2,562.9	52.2	1,585.7	58.5
November	4,164.2	109.6	2,575.0	51.7	1,589.2	57.9
December	4,160.8	108.4	2,579.1	51.4	1,581.7	57.0
Average, 4th quarter	4,157.9	109.6	2,572.3	51.7	1,585.5	57.8
1998 average	4,070.8	110.4	2,514.2	51.9	1,556.6	58.5

Source: State employment agencies. Includes both covered and noncovered employment. The forest industries include the categories of lumber and wood products and paper and allied products. Data are based on place of employment.

**Table 23—Employment in forest products industries in California and Alaska, 1987-98**

(In thousands of persons)

Year	California			Alaska		
	Total	Lumber and wood products	Paper and allied products	Total	Lumber and wood products	Paper and allied products
1987	107.5	66.2	41.3	3.1	2.2	.9
1988	109.5	69.0	40.6	3.6	2.7	1.0
1989	112.5	70.7	41.7	3.9	2.9	1.0
1990	109.3	67.5	41.8	3.9	3.0	.9
1991	97.5	56.7	40.8	3.3	2.4	.9
1992	90.1	50.0	40.1	3.1	2.2	.9
1993	87.5	47.8	39.7	3.2	2.4	.8
1994	89.1	49.8	39.3	2.6	2.1	.5
1995	89.4	50.0	39.4	2.6	2.1	.5
1996	92.5	52.6	39.8	2.5	2.0	.5
1997	97.1	56.5	40.6	2.1	1.9	.2
1998:						
January	98.6	58.0	40.6	.9	.8	.1
February	98.6	58.4	40.2	1.1	1.0	.1
March	98.8	58.3	40.5	1.4	1.3	.1
Average, 1st quarter	98.6	58.2	40.4	1.1	1.0	.1
April	98.4	58.0	40.4	1.7	1.6	.1
May	97.9	57.7	40.2	1.8	1.7	.1
June	98.3	57.9	40.4	1.9	1.8	.1
Average, 2d quarter	98.2	57.9	40.3	1.8	1.7	.1
July	98.3	58.3	40.0	2.0	1.9	.1
August	95.3	55.5	39.8	2.0	1.9	.1
September	98.6	58.8	39.8	2.0	1.9	.1
Average, 3d quarter	97.4	57.5	39.9	2.0	1.9	.1
October	98.7	59.2	39.5	2.0	1.9	.1
November	98.5	59.4	39.1	1.9	1.8	.1
December	98.9	59.6	39.2	1.5	1.4	.1
Average, 4th quarter	98.7	59.4	39.3	1.8	1.7	.1
1998 average	98.2	58.3	40.0	1.7	1.6	.1
----- 4th quarter 1998 change in employment -----						
From:						
4th quarter 1997	1.1	1.8	-.7	-.5	-.1	-.4
3d quarter 1998	1.3	1.9	-.6	-.2	-.2	0.0

Note: "Lumber and wood products" and "Paper and allied products" columns may not add to "Total" because of rounding.

Source: State employment agencies. Data are based on place of residence.



**Table 24—Employment in forest products industries in Montana and Idaho, 1987-98**

(In thousands of persons)

Year	Montana		Total	Idaho	
	Lumber and wood products	Paper and allied products		Lumber and wood products	Paper and allied products
1987	8.4	a	15.1	13.3	1.8
1988	7.9	a	15.7	13.8	1.9
1989	8.3	a	16.2	14.3	2.0
1990	8.4	a	17.2	15.1	2.2
1991	7.4	a	15.7	13.3	2.4
1992	7.4	a	16.4	14.0	2.4
1993	8.2	a	16.9	14.4	2.5
1994	7.6	a	17.2	14.8	2.4
1995	7.3	a	17.1	14.9	2.2
1996	7.0	a	17.0	15.0	2.0
1997	7.1	a	15.7	13.6	2.1
1998:					
January	7.1	a	16.2	14.0	2.2
February	7.0	a	15.9	13.7	2.2
March	6.8	a	15.4	13.2	2.2
Average, 1st quarter	7.0	a	15.8	13.6	2.2
April	6.7	a	14.7	12.5	2.2
May	6.9	a	15.6	13.3	2.3
June	7.2	a	15.7	13.4	2.3
Average, 2d quarter	6.9	a	15.3	13.1	2.3
July	7.3	a	16.1	13.8	2.3
August	7.3	a	16.1	13.8	2.3
September	7.3	a	15.9	13.7	2.2
Average, 3d quarter	7.3	a	16.0	13.8	2.3
October	7.2	a	15.9	13.6	2.3
November	7.2	a	15.8	13.5	2.3
December	7.1	a	15.2	13.0	2.2
Average, 4th quarter	7.2	a	15.6	13.4	2.3
1998 average	7.1	a	15.7	13.5	2.3
----- 4th quarter 1998 change in employment -----					
From:					
4th quarter 1997	-.1	a	-.5	-.5	-.1
3d quarter 1998	-.1	a	-.4	-.4	0.0

Note: "Lumber and wood products" and "Paper and allied products" columns for Idaho may not add to "Total" because of rounding.

<sup>a</sup> Withheld to avoid disclosing figures for individual companies.

Source: State employment agencies. Data are based on place of residence.

**Table 25—Employment, wages, unemployment and population for the State of Oregon, by county**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Baker</b>						
1994	4,923	422	382.82	441.72	8.0	16,214
1995	4,907	451	385.30	431.60	8.1	16,431
1996	4,903	342	397.33	450.17	11.5	16,352
1997	5,102	347	410.85	448.03	10.1	16,418
1998	5,195	383	422.10	418.28	8.6	16,448
<b>Benton</b>						
1994	30,580	1,126	510.09	531.81	2.6	74,151
1995	32,353	1,011	535.71	545.82	2.2	74,913
1996	34,185	1,049	562.76	565.84	2.7	75,910
1997	35,651	1,072	595.61	596.22	2.5	76,544
1998	35,158	923	616.12	601.50	3.1	77,755
<b>Clackamas</b>						
1994	106,817	1,435	480.20	511.17	3.7	310,271
1995	111,058	1,491	494.34	497.74	3.2	316,268
1996	114,505	1,482	524.62	516.12	3.9	324,086
1997	121,779	1,662	551.52	528.99	4.0	331,106
1998	125,740	1,639	576.29	569.67	3.6	334,732
<b>Clatsop</b>						
1994	14,197	551	400.26	538.19	6.3	35,125
1995	14,616	541	411.22	560.33	5.0	35,393
1996	14,870	533	422.23	576.91	6.3	35,306
1997	15,498	534	429.62	595.65	6.7	35,546
1998	15,417	535	443.38	633.38	6.0	35,424
<b>Columbia</b>						
1994	8,665	781	461.92	568.45	6.5	40,770
1995	8,913	874	492.60	578.74	4.8	41,701
1996	9,264	821	492.57	578.62	6.1	42,880
1997	9,496	791	506.39	632.58	6.1	43,751
1998	9,793	789	526.33	655.01	5.8	44,416
<b>Coos</b>						
1994	20,310	1,718	411.10	556.83	8.6	62,710
1995	20,648	1,697	424.45	570.31	7.4	62,838
1996	21,162	1,718	431.15	589.45	9.2	62,663
1997	21,151	1,770	446.01	589.97	9.7	62,531
1998	21,087	1,545	458.26	630.30	10.1	62,162
<b>Crook</b>						
1994	6,013	1,986	441.34	488.41	7.5	15,951
1995	5,851	1,764	442.88	491.38	7.8	16,349
1996	5,701	1,512	468.05	549.71	11.6	16,650
1997	5,889	1,495	469.52	547.64	10.1	16,958
1998	5,942	1,393	485.81	585.23	9.5	17,236
<b>Curry</b>						
1994	5,765	630	352.91	557.35	7.8	20,735
1995	5,792	630	367.38	568.58	7.5	21,068
1996	5,874	632	371.00	572.47	9.6	21,132
1997	5,965	653	384.78	606.78	9.4	21,283
1998	6,106	648	397.10	596.54	8.9	21,157

**Table 25—Employment, wages, unemployment and population for the State of Oregon, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Deschutes</b>						
1994	37,818	2,756	411.38	486.72	7.2	90,878
1995	39,783	2,503	418.67	519.35	6.6	94,829
1996	41,431	2,179	432.36	554.28	8.5	98,501
1997	43,625	2,185	444.15	510.57	8.0	101,367
1998	44,823	2,060	472.37	581.04	7.0	105,640
<b>Douglas</b>						
1994	32,915	6,040	426.94	561.99	9.1	98,268
1995	33,871	6,064	437.76	581.36	8.0	99,640
1996	34,760	6,106	454.37	606.29	8.9	100,726
1997	36,606	6,311	467.78	624.02	8.8	101,818
1998	36,880	6,264	481.84	650.71	9.3	101,837
<b>Gilliam</b>						
1994	650	0	418.67	0	3.6	1,875
1995	706	0	423.31	0	3.6	1,879
1996	748	0	436.49	0	4.1	1,952
1997	764	0	443.83	0	5.6	1,955
1998	754	0	475.59	0	5.0	2,023
<b>Grant</b>						
1994	2,821	523	404.90	507.12	9.5	7,920
1995	2,783	460	406.18	544.09	10.3	7,977
1996	2,808	438	419.89	571.82	12.0	7,999
1997	2,774	407	424.36	582.95	13.5	8,002
1998	2,729	356	437.89	587.40	13.6	8,075
<b>Harney</b>						
1994	2,487	445	391.49	519.02	10.1	7,117
1995	2,341	296	384.65	513.30	11.3	7,102
1996	2,432	230	388.92	503.54	13.0	7,044
1997	2,589	199	401.44	550.28	9.8	7,033
1998	2,811	213	419.51	560.12	7.5	7,198
<b>Hood River</b>						
1994	9,113	479	354.54	555.38	7.9	18,363
1995	9,455	389	355.44	530.36	8.3	18,886
1996	9,410	340	367.52	517.49	10.7	19,360
1997	9,887	276	378.49	539.58	10.7	19,618
1998	10,120	249	390.86	525.85	9.6	19,553
<b>Jackson</b>						
1994	61,336	5,040	414.15	559.02	6.7	162,004
1995	62,780	4,909	425.27	549.53	6.6	165,455
1996	64,847	4,785	436.14	574.41	8.2	168,392
1997	67,813	4,529	448.48	591.93	7.6	170,960
1998	69,255	4,352	466.91	598.00	6.8	173,123
<b>Jefferson</b>						
1994	5,789	1,245	420.39	606.08	6.5	15,624
1995	6,154	1,397	426.51	574.38	6.0	16,090
1996	6,235	1,389	442.37	593.58	7.7	16,249
1997	6,366	1,388	442.99	573.39	6.6	16,587
1998	6,369	1,430	461.93	594.49	6.6	16,627

**Table 25—Employment, wages, unemployment and population for the State of Oregon, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Josephine</b>						
1994	19,244	1,484	365.97	464.33	9.1	69,276
1995	19,502	1,412	379.76	487.18	8.4	71,210
1996	19,769	1,324	397.97	507.47	9.9	72,234
1997	20,516	1,408	412.90	519.74	9.4	73,459
1998	20,823	1,389	427.98	514.85	8.7	74,377
<b>Klamath</b>						
1994	20,768	2,814	411.34	589.40	8.6	60,647
1995	21,635	2,740	425.49	631.07	7.4	61,301
1996	22,494	2,734	444.98	696.17	8.7	62,298
1997	22,573	2,811	454.93	657.40	9.8	63,009
1998	22,341	2,741	464.11	648.43	9.2	63,185
<b>Lake</b>						
1994	2,545	600	390.94	404.93	8.4	7,331
1995	2,448	497	392.26	437.90	8.6	7,347
1996	2,450	446	391.39	415.70	11.8	7,325
1997	2,506	525	416.38	445.99	11.7	7,327
1998	2,198	240	455.36	519.68	11.9	7,152
<b>Lane</b>						
1994	122,031	7,960	432.91	577.04	5.4	298,775
1995	125,165	7,557	446.58	595.56	5.3	302,954
1996	128,251	7,435	465.11	618.95	5.8	306,529
1997	131,712	7,347	483.01	637.97	5.7	311,356
1998	135,897	6,869	502.60	652.55	5.4	314,068
<b>Lincoln</b>						
1994	15,743	400	369.50	469.48	6.1	43,148
1995	15,985	280	383.97	466.68	7.1	44,226
1996	16,683	245	395.67	463.87	7.5	44,876
1997	16,775	195	404.32	482.12	8.6	45,587
1998	16,842	186	422.28	496.45	7.8	45,368
<b>Linn</b>						
1994	35,993	3,606	465.41	579.71	7.0	97,769
1995	38,381	3,642	474.53	590.48	6.1	99,961
1996	40,235	3,881	492.48	606.24	7.0	101,908
1997	41,297	4,018	514.29	634.57	7.3	103,440
1998	41,178	3,893	527.16	650.63	8.8	104,464
<b>Malheur</b>						
1994	12,112	0	336.41	0	6.9	27,572
1995	12,522	0	354.39	0	6.6	27,972
1996	12,877	0	358.08	0	8.6	28,294
1997	13,203	8	374.21	283.90	8.7	28,504
1998	13,171	0	400.51	0	8.6	28,542
<b>Marion</b>						
1994	114,017	3,822	436.50	542.72	5.5	251,037
1995	116,830	3,863	450.14	556.38	4.8	256,058
1996	120,427	3,658	462.64	584.50	5.9	260,591
1997	122,508	3,657	480.64	588.97	6.0	265,123
1998	123,542	3,530	501.23	603.54	5.7	268,541

**Table 25—Employment, wages, unemployment and population for the State of Oregon, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Morrow</b>						
1994	3,014	164	460.36	747.83	8.3	8,738
1995	3,091	152	502.37	615.89	7.3	9,014
1996	3,153	211	446.45	559.47	9.3	9,246
1997	3,524	294	483.83	622.17	9.0	9,631
1998	3,514	339	482.37	596.11	9.2	9,985
<b>Multnomah</b>						
1994	396,726	1,813	536.60	739.38	4.9	611,734
1995	415,113	1,760	557.73	964.74	4.1	615,118
1996	425,566	1,835	589.10	726.80	5.2	621,194
1997	440,077	1,881	620.87	1,119.92	4.9	624,619
1998	442,901	1,982	641.25	808.06	4.8	631,082
<b>Polk</b>						
1994	12,140	696	379.32	531.01	4.6	56,044
1995	12,922	756	390.14	558.71	3.9	57,143
1996	14,051	749	406.27	574.82	4.8	58,454
1997	14,639	729	429.33	564.48	5.0	60,130
1998	15,442	803	446.77	609.58	4.9	61,560
<b>Sherman</b>						
1994	580	0	376.79	0	6.3	1,880
1995	563	0	380.55	0	6.7	1,891
1996	633	0	344.28	0	7.7	1,818
1997	649	0	377.18	0	5.7	1,801
1998	689	0	391.38	0	5.6	1,789
<b>Tillamook</b>						
1994	7,069	516	363.74	542.97	4.8	23,177
1995	7,319	536	374.69	529.74	5.0	23,676
1996	7,637	498	385.52	587.02	6.0	24,094
1997	7,672	518	404.14	621.69	6.6	24,384
1998	7,769	541	418.48	631.70	6.0	24,356
<b>Umatilla</b>						
1994	23,817	975	380.17	510.13	7.1	63,205
1995	24,245	867	394.57	535.66	6.9	64,096
1996	24,654	830	403.94	538.70	8.4	64,508
1997	25,546	812	423.83	534.19	8.0	64,754
1998	27,548	902	452.22	564.95	6.8	65,495
<b>Union</b>						
1994	8,750	1,071	390.90	607.33	6.3	24,969
1995	8,901	1,038	390.98	598.55	6.3	24,982
1996	8,949	1,028	400.94	614.61	7.8	24,985
1997	9,100	979	420.43	646.35	7.9	25,071
1998	9,084	877	439.81	677.39	6.9	24,829
<b>Wallowa</b>						
1994	2,234	275	378.39	532.30	9.4	7,458
1995	2,119	166	378.55	526.57	10.5	7,477
1996	2,174	200	394.52	524.27	11.7	7,456
1997	2,260	224	404.40	560.39	10.6	7,413
1998	2,266	191	398.28	520.77	10.6	7,368

**Table 25—Employment, wages, unemployment and population for the State of Oregon, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Wasco</b>						
1994	8,896	225	376.41	451.80	7.3	22,712
1995	8,971	240	391.69	455.31	7.0	22,910
1996	8,986	174	402.52	499.03	8.7	23,057
1997	9,192	176	428.33	545.57	8.9	23,252
1998	9,822	179	441.02	574.38	7.8	23,059
<b>Washington</b>						
1994	163,724	1,950	554.81	548.41	3.7	360,332
1995	173,238	1,878	598.54	541.42	3.1	371,404
1996	189,120	1,994	630.59	712.10	3.8	382,363
1997	202,209	1,966	671.23	609.75	3.9	391,335
1998	209,519	1,941	705 .00	617.68	3.9	399,697
<b>Wheeler</b>						
1994	233	6	339.25	452.67	10.9	1,569
1995	279	17	325.99	567.61	7.3	1,564
1996	286	23	358.01	691.21	9.7	1,645
1997	289	12	354.39	645.09	12.3	1,603
1998	291	7	337.66	499.44	8.1	1,566
<b>Yamhill</b>						
1994	24,824	1,250	424.25	584.24	4.4	73,286
1995	25,573	1,291	443.73	600.65	3.9	75,855
1996	27,002	1,262	453.40	595.22	4.8	78,236
1997	27,791	1,290	468.69	599.57	5.0	80,212
1998	28,284	1,197	484.55	620.82	4.5	82,085
<b>Oregon</b>						
1994	1,357,050	54,892	476.71	556.19	5.4	3,009,879
1995	1,411,687	53,254	496.87	575.42	4.8	3,062,925
1996	1,466,126	52,183	520.12	598.14	5.9	3,114,802
1997	1,522,053	52,641	546.29	618.19	5.8	3,160,105
1998	1,550,148	50,794	568.23	626.02	5.6	3,281,974

<sup>a</sup> SIC 24 = Standard Industrial Classification for lumber and wood products.

Source: 1987-1997 Oregon Employment Department, Oregon Covered Employment and Payrolls by Industry and County for Covered Employment and Wage for covered employment and weekly wages data. Oregon Employment Department and Bureau of Labor Statistics for unemployment rates. U.S. Department of Commerce, Bureau of the Census, Current Population estimates (1990) for population.

**Table 26—Employment, wages, unemployment and population for the State of Washington, by county**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Adams</b>						
1994	6,722	0	317.02	0	11.5	15,296
1995	7,197	D	339.69		11.4	15,310
1996	7,037	D	344.66		12.0	15,400
1997	7,226	D	347.23		10.2	15,541
1998	7,510	D	364.19		10.7	15,324
<b>Asotin</b>						
1994	4,431	141	347.49	515.13	3.6	19,731
1995	4,421	140	366.03	513.35	4.3	20,287
1996	4,504	D	377.53		4.6	20,815
1997	4,753	D	394.63		3.7	21,171
1998	5,085	184	394.86	615.65	4.1	21,264
<b>Benton</b>						
1994	62,022	D	556.84		5.2	129,730
1995	60,173	D	572.64		7.4	133,587
1996	58,003	28	582.79	378.83	8.5	134,536
1997	59,413	D	588.73		6.6	135,772
1998	58,847	D			6.6	136,250
<b>Chelan</b>						
1994	34,023	208	371.28	427.61	8.4	56,509
1995	33,803	202	382.25	462.49	9.8	58,273
1996	33,890	228	405.22	471.24	10.7	59,299
1997	34,714	240	423.05	502.16	7.9	59,717
1998	36,270	244	421.79	524.81	8.8	60,052
<b>Clallam</b>						
1994	18,331	763	402.24	526.21	10.1	61,616
1995	18,850	816	414.16	550.39	8.8	62,381
1996	18,605	908	426.37	544.80	9.7	63,355
1997	19,528	961	448.29	560.89	7.9	63,857
1998	20,039	932	446.81	564.46	7.9	64,169
<b>Clark</b>						
1994	91,802	1,499	470.59	472.96	4.2	282,360
1995	96,340	1,270	490.43	480.93	4.1	292,916
1996	100,374	1,189	519.11	518.98	4.4	305,001
1997	105,557	1,216	540.20	531.73	3.6	316,526
1998	109,446	1,076	564.04	578.29	4.0	326,943
<b>Columbia</b>						
1994	1,571	D	335.95		11.3	4,113
1995	1,176	D	362.26		13.3	4,224
1996	1,488	0	391.88	0	15.5	4,303
1997	1,528	0	399.27	0	11.8	4,277
1998	1,610	0	388.38	0	11.4	4,156

**Table 26—Employment, wages, unemployment and population for the State of Washington, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Cowlitz</b>						
1994	34,704	2,512	494.20	607.48	8.2	87,409
1995	36,106	2,604	510.65	624.85	7.5	88,896
1996	36,104	2,556	517.58	617.64	8.6	89,933
1997	36,241	2,544	531.71	630.81	7.1	90,834
1998	36,855	2,433	542.79	650.81	7.9	91,574
<b>Douglas</b>						
1994	8,379	D	299.69		6.9	31,155
1995	8,261	D	324.55		7.4	32,124
1996	8,416	D	337.55		8.4	32,630
1997	8,485	D	365.98		6.4	33,484
1998	8,714	D	377.17		6.9	33,631
<b>Ferry</b>						
1994	1,896	207	424.08	479.68	12.6	6,997
1995	1,836	175	436.28	528.69	13.2	7,157
1996	1,841	200	453.16	541.49	13.6	7,166
1997	1,855	198	464.70	577.17	9.8	7,256
1998	1,774	165	456.73	576.06	11.3	7,170
<b>Franklin</b>						
1994	19,221	32	382.46	476.40	8.3	44,135
1995	19,278	46	392.31	384.80	10.0	45,682
1996	19,614	59	397.32	335.30	12.0	45,766
1997	20,406	51	413.80	332.42	9.4	47,027
1998	20,960	68	422.85	338.37	10.0	46,459
<b>Garfield</b>						
1994	733	0	344.54	0	4.9	2,311
1995	711	0	361.29	0	4.9	2,289
1996	762	0	367.09	0	4.6	2,299
1997	753	0	397.04	0	3.6	2,279
1998	764	0	418.58	0	3.6	2,330
<b>Grant</b>						
1994	25,754	D	361.92		9.4	63,303
1995	26,274	D	370.87		9.8	65,728
1996	27,330	D	385.68		10.5	67,684
1997	28,534	D	406.96		8.6	69,719
1998	30,024	D	414.44		9.2	70,545
<b>Grays Harbor</b>						
1994	22,441	2,347	421.79	613.01	12.3	66,664
1995	22,883	2,367	442.33	637.75	10.9	67,293
1996	22,698	2,205	453.58	679.83	11.8	67,750
1997	23,114	2,316	468.75	686.15	9.3	67,945
1998	22,952	2,285	478.88	702.00	10.2	67,739



**Table 26—Employment, wages, unemployment and population for the State of Washington, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Island</b>						
1994	12,750	D	377.18		4.9	65,841
1995	13,267	D	384.16		4.5	67,242
1996	13,500	25	400.60	338.16	4.9	68,247
1997	13,753	46	407.41	493.71	3.4	70,664
1998	13,812	D	423.50		3.5	70,319
<b>Jefferson</b>						
1994	6,546	77	354.04	393.94	8.5	24,053
1995	6,779	67	366.04	419.15	7.3	24,991
1996	6,835	67	381.91	402.86	8.3	25,501
1997	6,965	68	391.28	381.47	6.8	25,945
1998	7,156	70	408.81	415.15	6.7	26,232
<b>King</b>						
1994	932,746	6,389	590.68	770.24	5.5	1,584,625
1995	951,945	6,348	619.77	829.54	5.2	1,596,823
1996	990,293	6,131	660.94	858.06	4.9	1,613,507
1997	1,044,399	5,864	717.28	952.11	3.3	1,632,852
1998	1,094,690	5,508	794.00	987.31	3.1	1,654,876
<b>Kitsap</b>						
1994	67,961	200	482.45	621.77	6.0	216,258
1995	68,348	173	496.78	624.71	6.6	225,841
1996	69,511	105	499.02	537.43	6.8	231,156
1997	68,879	107	529.33	435.17	5.5	234,608
1998	69,722	132	544.90	492.58	5.3	232,623
<b>Kittitas</b>						
1994	10,772	145	343.15	401.30	8.4	29,818
1995	11,219	146	347.69	435.61	8.7	30,208
1996	11,343	126	362.44	488.92	8.6	30,820
1997	11,491	125	373.60	489.81	6.0	31,383
1998	11,271	106	392.10	475.85	6.0	31,714
<b>Klickitat</b>						
1994	5,579	596	407.24	518.41	11.6	17,806
1995	5,774	524	427.78	542.32	11.6	18,294
1996	5,839	509	488.20	495.11	12.3	18,562
1997	5,994	D	469.48		10.6	19,069
1998	5,803	D	490.62		10.8	19,295
<b>Lewis</b>						
1994	23,278	2,481	419.81	595.31	8.5	64,643
1995	24,396	2,573	431.33	603.14	8.6	65,895
1996	24,700	2,650	448.60	627.86	9.9	66,836
1997	25,536	2,637	460.57	649.70	7.8	67,585
1998	24,815	2,189	464.83	688.87	8.3	68,163

**Table 26—Employment, wages, unemployment and population for the State of Washington, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Lincoln</b>						
1994	2,624	D	333.77		5.7	9,431
1995	2,801	D	344.49		6.3	9,499
1996	2,965	D	366.93		5.6	9,650
1997	2,992	D	385.37		4.6	9,802
1998	3,014	D	400.35		5.2	9,734
<b>Mason</b>						
1994	10,475	1,377	420.58	641.34	8.4	45,765
1995	11,091	1,359	427.47	669.80	7.9	47,293
1996	11,600	1,394	441.70	687.93	8.5	48,470
1997	11,885	1,405	453.58	725.20	6.8	49,477
1998	12,194	1,484	466.56	715.31	6.4	49,867
<b>Okanogan</b>						
1994	18,122	1,046	312.06	483.66	9.6	36,182
1995	17,656	1,020	325.20	498.42	10.4	37,090
1996	18,306	1,020	323.46	507.43	11.4	38,029
1997	18,678	993	335.22	497.15	9.4	38,652
1998	18,695	783	348.19	542.73	10.8	38,237
<b>Pacific</b>						
1994	5,786	550	346.67	652.12	10.8	20,306
1995	5,976	548	361.08	668.43	10.2	20,787
1996	5,928	557	372.63	665.65	10.5	20,958
1997	5,956	595	380.87	694.11	9.0	21,116
1998	5,999	598	394.54	709.50	9.9	20,802
<b>Pend Oreille</b>						
1994	2,254	154	453.70	575.58	11.9	10,338
1995	2,293	120	456.26	618.45	13.4	10,741
1996	2,312	D	473.19		16.3	11,093
1997	2,473	104	474.76	570.15	13.0	11,271
1998	2,476	105	482.21	597.56	12.1	11,526
<b>Pierce</b>						
1994	207,599	4,081	457.83	536.47	6.5	637,353
1995	212,482	3,841	474.55	555.04	6.2	647,187
1996	214,066	3,917	491.26	616.96	6.2	655,015
1997	222,225	4,047	508.50	609.89	4.5	664,776
1998	228,264	3,913	528.71	629.21	4.5	676,505
<b>San Juan</b>						
1994	3,960	44	353.74	569.56	6.4	11,442
1995	4,053	46	364.87	580.02	6.5	11,863
1996	4,046	46	367.77	569.40	7.2	12,012
1997	4,195	45	375.92	601.32	5.6	12,261
1998	4,561	46	388.92	629.00	4.5	12,493

**Table 26—Employment, wages, unemployment and population for the State of Washington, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Skagit</b>						
1994	35,786	607	411.41	471.13	9.1	91,657
1995	36,575	661	426.89	485.81	9.0	93,957
1996	37,632	583	429.02	513.33	9.7	95,753
1997	38,806	631	448.82	522.27	7.1	97,705
1998	39,597	720	463.65	515.54	7.1	99,357
<b>Skamania</b>						
1994	1,912	172	379.75	562.17	10.5	8,935
1995	1,864	179	384.37	545.64	10.6	9,079
1996	1,871	178	401.42	544.64	11.4	9,284
1997	1,916	208	418.82	577.07	10.1	9,642
1998	2,017	206	443.77	582.62	10.0	9,805
<b>Snohomish</b>						
1994	181,104	2,655	540.88	535.09	6.4	523,504
1995	182,076	2,578	555.27	549.83	5.8	532,979
1996	188,711	2,639	585.99	586.76	5.3	544,546
1997	202,847	2,907	620.05	584.15	3.5	564,610
1998	213,411	3,091	645.85	596.77	3.2	587,783
<b>Spokane</b>						
1994	167,538	1,541	439.01	356.29	4.9	395,842
1995	170,358	1,423	453.45	359.48	5.4	401,304
1996	173,367	1,456	471.83	368.90	5.8	403,669
1997	177,678	1,314	490.99	386.55	4.6	404,650
1998	180,890	1,140	510.50	414.67	4.8	408,669
<b>Stevens</b>						
1994	9,195	1,231	402.55	565.35	8.7	36,411
1995	9,273	1,013	410.97	563.31	9.4	37,635
1996	9,468	985	420.94	573.85	10.8	38,567
1997	9,774	1,105	437.71	615.26	9.1	39,243
1998	9,899	1,103	456.96	619.44	9.0	39,464
<b>Thurston</b>						
1994	74,048	1,147	486.81	593.88	6.2	187,213
1995	74,444	1,118	501.23	620.66	6.2	192,329
1996	76,584	1,038	510.96	630.94	6.6	196,709
1997	78,849	918	525.11	621.43	5.1	200,362
1998	81,019	907	546.98	611.67	4.9	202,255
<b>Wahkiakum</b>						
1994	698	110	381.14	493.44	9.2	3,617
1995	715	107	401.99	543.39	6.7	3,683
1996	730	D	400.34		7.0	3,784
1997	773	D	441.25		6.1	3,895
1998	822	D	439.87		6.3	3,857

**Table 26—Employment, wages, unemployment and population for the State of Washington, by county (continued)**

(Employment and population in number of people, wages in dollars per week, unemployment in percent)

County	Average annual covered employment		Average weekly wages		Unemployment	Population
	Total	SIC 24 <sup>a</sup>	Total	SIC 24 <sup>a</sup>		
<b>Walla Walla</b>						
1994	22,372	217	406.66	546.79	5.6	52,884
1995	22,599	158	418.71	539.77	6.1	53,326
1996	22,590	67	439.88	560.14	7.5	53,529
1997	23,042	55	454.70	415.73	6.3	53,501
1998	23,271	D	469.65		6.8	53,702
<b>Whatcom</b>						
1994	59,434	1,218	415.01	473.50	7.3	145,736
1995	60,559	1,239	429.76	513.20	7.4	149,084
1996	62,405	1,360	448.20	510.84	7.5	152,217
1997	64,316	1,383	459.79	515.63	5.8	154,249
1998	65,573	1,338	476.60	534.92	5.8	156,830
<b>Whitman</b>						
1994	13,803	D	423.42		2.0	38,885
1995	13,680	D	438.30		2.1	39,328
1996	14,123	0	451.61		2.3	39,564
1997	14,303	D	486.29		1.8	39,321
1998	14,437	D	483.27		2.0	39,487
<b>Yakima</b>						
1994	90,022	1,884	355.76	474.50	11.7	209,457
1995	89,401	1,705	369.49	502.93	12.5	213,288
1996	90,481	1,682	380.35	532.21	13.4	216,110
1997	92,753	1,632	398.15	543.25	10.0	218,318
1998	94,021	1,592	413.69	558.25	10.5	218,062
<b>Washington</b>						
1994	2,303,539	35,795	506.90	581.13	6.4	5,250,176
1995	2,341,208	34,747	527.68	608.96	6.4	5,339,331
1996	2,404,623	34,397	555.45	630.71	6.5	5,519,525
1997	2,508,962	34,692	591.45	654.49	4.8	5,610,362
1998	2,593,426	33,428	635.98	672.21	4.8	5,689,263

<sup>a</sup> SIC 24 = Standard Industrial Classification for lumber and wood products.

D = Data not available due to disclosure regulations.

Source: 1987-1997 Employment and payrolls in Washington State by county and industry for covered employment and wage. Washington Employment Security Department for unemployment rates. U.S. Department of Commerce, Bureau of the Census, current population estimates (1990) for population.

**Table 27—Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98**

(In million board feet, Scribner scale)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO ALL COUNTRIES													
1987	3,167.6	1,844.6	1,150.6	160.3	2,063.5	983.3	965.3	114.9	1,104.1	861.2	185.3	12.1	45.5
1988	3,682.2	2,279.1	1,163.8	220.5	2,294.8	1,216.8	921.9	156.0	1,387.4	1,062.2	241.9	18.8	64.5
1989	3,614.1	2,034.1	1,350.7	217.1	2,356.9	1,158.1	1,029.6	169.0	1,257.2	876.0	321.1	12.1	48.0
1990	3,008.4	1,863.1	941.9	192.5	1,932.1	1,076.8	717.6	137.7	1,076.2	786.3	224.3	10.9	54.8
1991	2,542.4	1,574.7	818.0	149.7	1,548.3	834.2	622.5	91.6	994.1	740.6	195.3	8.7	49.4
1992	2,181.7	1,395.9	673.6	112.2	1,393.6	761.3	556.5	75.8	788.1	634.5	117.1	9.7	26.7
1993	1,707.6	1,171.4	453.2	83.0	958.1	558.3	344.8	55.0	749.6	613.1	108.5	3.8	24.2
1994	1,572.0	1,168.6	334.7	68.7	891.1	584.0	262.6	44.5	680.8	584.6	72.1	3.4	20.8
1995	1,604.8	1,114.3	403.9	86.7	999.1	573.8	353.9	71.4	605.7	540.4	50.0	2.0	13.2
1996	1,502.9	1,190.4	258.8	53.6	916.7	643.8	233.1	39.9	586.1	546.6	25.7	1.3	12.5
1997:													
1st qtr.	294.1	218.2	62.9	13.0	167.9	102.3	55.1	10.5	126.2	115.9	7.7	.8	1.8
2d qtr.	292.2	231.9	51.7	8.6	168.1	112.2	48.6	7.4	124.1	119.8	3.1	.8	.5
3d qtr.	243.2	180.7	54.5	8.0	139.1	84.1	49.2	5.8	104.1	96.6	5.3	.1	2.1
4th qtr.	212.7	158.7	43.3	10.6	124.0	78.1	38.9	7.0	88.7	80.6	4.5	.1	3.6
1997 total	1,042.2	789.5	212.4	40.2	599.1	376.7	191.8	30.7	443.1	412.9	20.6	1.8	8.0
1998:													
1st qtr.	192.3	155.4	28.9	7.9	102.2	71.5	24.7	6.0	90.1	83.9	4.2	.2	1.8
2d qtr.	192.5	162.7	18.1	11.7	107.3	79.2	17.4	10.6	85.2	83.4	.7	a	1.1
3d qtr.	254.0	211.0	25.8	17.1	145.3	106.8	24.3	14.1	108.7	104.2	1.5	.1	2.9
4th qtr.	228.4	189.6	27.2	11.6	121.9	89.0	24.1	8.8	106.5	100.7	3.1	.1	2.6
1998 total	867.1	718.8	100.0	48.3	476.6	346.6	90.5	39.5	390.5	372.2	9.5	.4	8.4
TO JAPAN													
1987	2,048.8	1,374.4	562.6	100.8	1,138.5	635.9	435.6	66.9	910.4	738.5	127.0	11	33.8
1988	2,021.3	1,398.0	472.0	134.2	1,109.4	669.0	353.3	87.1	912.0	729.0	118.7	17.1	47.2
1989	2,423.8	1,606.7	663.3	142.7	1,471.9	850.3	520.2	101.4	952.0	756.4	143.1	11.2	41.3
1990	2,114.4	1,526.1	451.2	127.2	1,271.1	846.1	349.3	75.7	843.3	680.0	101.9	9.9	51.5
1991	1,713.7	1,263.2	352.8	97.7	971.4	641.4	282.0	48.0	742.2	621.8	70.8	6.9	42.7
1992	1,665.9	1,274.9	318.6	72.3	989.5	687.0	264.4	38.1	676.4	588.0	54.3	9.1	25.1
1993	1,438.4	1,116.7	271.1	50.6	772.3	526.1	216.8	29.5	666.1	590.6	54.3	3.7	17.4
1994	1,389.5	1,114.5	230.6	44.4	740.2	532.4	182.3	25.5	649.3	582.1	48.4	2.9	16.0
1995	1,328.5	1,088.5	202.9	37.1	742.0	549.7	169.7	22.6	586.5	538.8	33.2	1.9	12.6
1996	1,373.8	1,160.8	175.6	37.4	791.8	614.7	153.1	24.0	582.0	546.1	22.5	1.2	12.2
1997:													
1st qtr.	279.2	214.0	54.9	10.3	153.2	98.3	47.2	7.8	126.0	115.7	7.7	.8	1.7
2d qtr.	267.2	224.5	36.8	5.8	143.8	105.2	33.7	4.9	123.3	119.3	3.1	.6	.3
3d qtr.	222.6	171.1	45.7	5.8	121.6	77.3	40.4	3.9	101.0	93.8	5.3	.1	1.8
4th qtr.	184.9	147.8	31.3	5.8	97.1	67.6	26.9	2.6	87.8	80.2	4.4	.1	3.2
1997 total	953.9	757.4	168.7	27.7	515.7	348.4	148.2	19.2	438.1	409	20.5	1.5	7
1998:													
1st qtr.	180.3	151.4	24.7	4.1	91.1	68.2	20.5	2.4	89.2	83.2	4.2	.2	1.5
2d qtr.	183.2	160.9	17.2	5.1	98.2	77.5	16.6	4.2	85.0	83.4	.7	a	.9
3d qtr.	236.4	208.2	21.6	6.6	128.3	104.4	20.1	3.8	108.2	103.8	1.5	a	2.9
4th qtr.	211.0	183.7	21.4	6.0	104.9	83.0	18.3	3.5	106.2	100.7	3.1	a	2.4
1998 total	811.0	704.2	85.0	21.8	422.5	333.1	75.5	13.8	388.5	371.1	9.5	.2	7.7
TO CANADA													
1987	43.5	5.4	35.6	2.5	41.4	5.4	35.6	.4	2.1	0	2.1	0	0
1988	20.9	.8	19.4	.7	20.9	0.8	19.4	.7	0	0	0	0	0
1989	30.3	12.9	16.7	.7	30.3	12.9	16.7	.7	0	0	0	0	0
1990	28.3	3.4	19.6	5.3	28.3	3.4	19.6	5.3	0	0	0	0	0
1991	29.2	3.6	22.1	3.5	29.2	3.6	22.1	3.5	0	0	0	0	0
1992	6.8	2.5	2.1	2.2	6.8	2.5	2.1	2.2	0	0	0	0	0
1993	3.0	.2	.3	2.5	3.0	.2	.3	2.5	0	0	0	0	0
1994	8.3	.5	6.3	1.5	8.3	.5	6.3	1.5	0	0	0	0	0
1995	133.9	6.7	93.5	33.7	133.9	6.7	93.5	33.7	0	0	0	0	0
1996	40.0	15.5	22.6	1.9	40	15.5	22.6	1.9	0	0	0	0	0
1997:													
1st qtr.	1.7	1	.3	.4	1.7	1.0	.3	.4	0	0	0	0	0
2d qtr.	.9	.7	.1	.1	.9	.7	.1	.1	0	0	0	0	0
3d qtr.	3.1	1.5	1.3	.3	3.1	1.5	1.3	.3	0	0	0	0	0
4th qtr.	5.4	2.1	.1	3.3	5.4	2.1	.1	3.3	0	0	0	0	0
1997 total	11.1	5.3	1.7	4.1	11.1	5.3	1.7	4.1	0	0	0	0	0
1998:													
1st qtr.	5.1	.7	2.2	2.2	5.1	.7	2.2	2.2	0	0	0	0	0
2d qtr.	6.4	.2	a	6.2	6.4	.2	a	6.2	0	0	0	0	0
3d qtr.	9.7	a	a	9.7	9.7	a	a	9.7	0	0	0	0	0
4th qtr.	7.1	a	a	7.1	7.1	a	a	7.1	0	0	0	0	0
1998 total	28.3	.9	2.2	25.2	28.3	.9	2.2	25.2	0	0	0	0	0

**Table 27--Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98 (continued)**

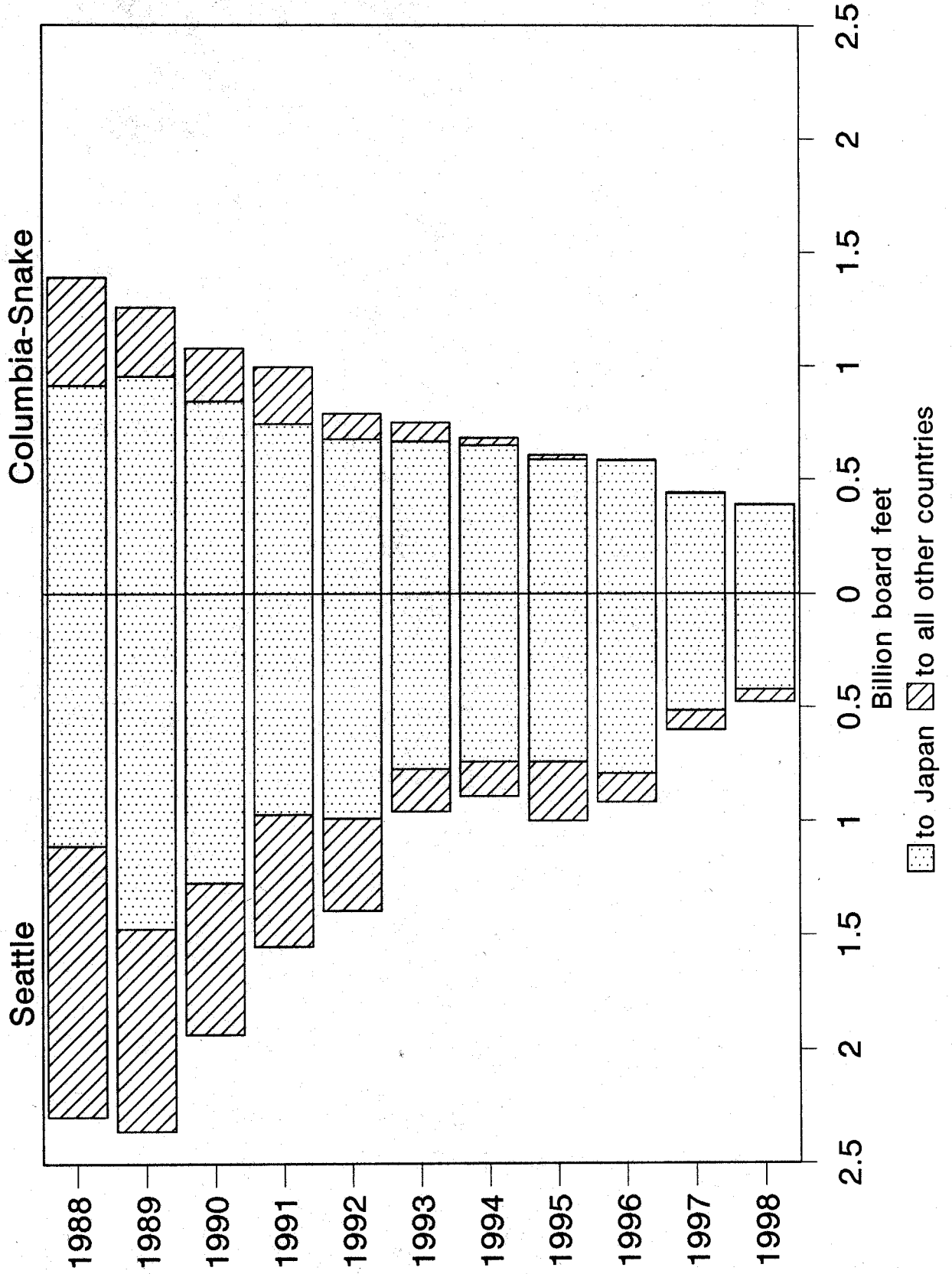
(In million board feet, Scribner scale)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO SOUTH KOREA													
1987	408.1	14.4	360.1	33.2	362.2	11.1	321.4	29.7	45.9	3.3	38.7	.5	3.4
1988	489.8	14.6	432.2	43.1	416.1	10.7	364.6	40.9	73.7	3.9	67.6	0	2.2
1989	658.1	17.4	592.2	48.6	515.3	16.1	452.5	46.8	142.8	1.3	139.7	0	1.8
1990	486.6	15.1	434.4	37.1	372.1	10.0	326.6	35.5	114.5	5.1	107.9	0	1.6
1991	445.6	12.5	406.7	26.3	320.3	5.7	291.6	23.0	125.3	6.8	115.1	0	3.3
1992	298.9	6.0	266.4	26.5	238.4	3.5	209.0	25.9	60.5	2.5	57.5	0	.5
1993	166.7	11.8	133.9	20.9	115.9	8.4	89.8	17.6	50.8	3.4	44.1	0	3.3
1994	110.3	6.8	87.4	16.1	82.2	6.0	64.4	11.8	28.1	.8	23.0	0	4.3
1995	125.8	8.2	105.5	12.1	107.6	7.0	88.8	11.9	18.2	1.2	16.7	.1	.3
1996	74.2	10.6	52.5	11.1	70.8	10.4	49.3	11.0	3.4	.1	3.2	.1	.1
1997:													
1st qtr.	12.6	2.9	7.7	2.0	12.6	2.9	7.7	2.0	0	0	0	0	0
2d qtr.	21.7	5.4	14.8	1.5	21.3	5.2	14.8	1.3	.4	.2	0	.1	.1
3d qtr.	10.5	2.0	7.2	1.3	10.4	2.0	7.2	1.2	.1	0	0	0	.1
4th qtr.	15.1	2.6	11.7	.8	15.1	2.6	11.7	.8	.1	0	0	0	.1
1997 total	59.9	12.9	41.4	5.6	59.4	12.7	41.4	5.3	.5	.2	0	.1	.2
1998:													
1st qtr.	.9	.4	.2	.2	.9	.4	.2	.2	0	0	0	0	0
2d qtr.	1.3	.8	.6	a	1.3	.8	.6	a	0	0	0	0	0
3d qtr.	4.2	.7	3.3	.2	4.2	.7	3.3	.2	0	0	0	0	0
4th qtr.	4.9	1.5	3.1	.2	4.9	1.5	3.1	.2	0	0	0	0	0
1998 total	11.3	3.5	7.3	.7	11.3	3.5	7.3	.7	0	0	0	0	0
TO PEOPLE'S REPUBLIC OF CHINA													
1987	558.7	389.5	157.0	12.2	435.6	288.7	140.7	6.3	123.1	100.8	16.3	0	5.9
1988	1,052.5	825.9	208.3	18.3	690.9	518.0	160.7	12.2	361.6	307.9	47.6	0	6.1
1989	437.0	371.9	60.5	4.7	297.8	263.0	30.1	4.6	139.3	108.8	30.4	0	.1
1990	339.7	303.7	28.4	7.7	231.3	209.8	14.5	7.0	108.4	93.9	13.9	0	.6
1991	321.5	275.2	32.1	14.2	203.1	168.0	23.2	11.9	118.3	107.1	8.9	0	2.3
1992	201.9	110.0	84.4	7.5	154.3	67.4	79.5	7.5	47.6	42.6	4.9	0	.1
1993	95.6	40.7	47.4	7.5	64.9	23.1	37.3	4.5	30.7	17.6	10.0	0	.3
1994	60.5	46.3	9.6	4.6	58.1	44.7	8.9	4.5	2.4	1.6	.8	0	.1
1995	13.9	9.8	1.5	2.7	13.9	9.8	1.5	2.6	.1	0	0	.1	0
1996	11.9	3.0	7.7	1.2	11.9	3.0	7.7	1.2	0	0	0	0	0
1997:													
1st qtr.	.1	.1	0	.1	.1	0	0	.1	.1	.1	0	0	0
2d qtr.	1.7	.9	0	.8	1.7	.9	0	.8	0	0	0	0	0
3d qtr.	6.3	5.7	.2	.4	3.9	3.3	.2	.4	2.4	2.4	0	0	0
4th qtr.	6.1	5.6	.2	.2	6.1	5.6	.2	.2	0	0	0	0	0
1997 total	14.2	12.3	.4	1.5	11.8	9.8	.4	1.5	2.5	2.5	0	0	0
1998:													
1st qtr.	3.5	2.0	.9	.7	3.5	2.0	.9	.7	0	0	0	0	0
2d qtr.	1.1	.7	.2	.2	1.1	.7	.2	.2	0	0	0	0	0
3d qtr.	2.9	1.8	.9	.2	2.9	1.8	.9	.2	0	0	0	0	0
4th qtr.	4.9	2.0	2.2	.7	4.9	2.0	2.2	.7	0	0	0	0	0
1998 total	12.4	6.4	4.2	1.8	12.4	6.4	4.2	1.8	0	0	0	0	0

a Less than 1,000 board feet.

Source: U.S. Department of Commerce. Columbia-Snake Customs District includes all Oregon ports and Longview and Vancouver, Washington. Seattle Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Data are compiled from Department of Commerce records at the end of each quarter.

Figure 3--Log exports from Seattle and Columbia-Snake Customs Districts, 1988-98



**Table 28—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98**

(In thousand dollars)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO ALL COUNTRIES													
1987	1,245,300	751,776	389,960	85,492	762,852	373,752	325,685	63,415	482,448	378,023	64,275	18,073	22,077
1988	1,725,868	1,078,600	492,553	119,482	1,032,743	548,636	394,483	89,625	693,125	529,965	98,070	35,233	29,857
1989	1,724,771	1,076,505	493,309	123,111	1,046,195	567,083	384,730	94,381	678,577	509,422	108,579	31,846	28,730
1990	1,681,850	1,093,869	454,374	104,487	1,014,303	592,289	349,177	72,837	667,547	501,580	105,197	29,120	31,650
1991	1,445,837	955,276	386,807	103,754	843,331	491,261	299,552	52,417	602,606	464,015	87,254	24,272	27,065
1992	1,498,848	1,077,100	336,951	84,797	904,551	579,464	277,355	47,732	594,297	497,638	59,596	18,884	18,181
1993	1,681,168	1,225,538	373,440	82,189	912,898	578,456	288,381	46,061	768,270	647,082	85,059	15,666	20,463
1994	1,524,134	1,203,435	247,101	73,598	813,109	587,557	190,893	34,657	711,025	615,878	56,208	19,193	19,747
1995	1,509,920	1,190,580	255,683	63,657	855,512	593,612	219,301	42,599	654,408	596,968	36,382	8,911	12,147
1996	1,392,521	1,189,498	156,743	46,280	777,395	608,735	138,673	29,988	615,127	580,764	18,069	4,252	12,040
1997:													
1st qtr.	287,693	233,141	39,510	15,042	152,086	108,337	33,878	9,871	135,607	124,804	5,632	3,686	1,485
2d qtr.	253,745	212,576	33,151	8,018	139,112	102,306	30,787	6,019	114,633	110,270	2,364	1,432	567
3d qtr.	198,696	157,317	35,278	6,101	109,437	73,198	32,034	4,205	89,259	84,119	3,244	106	1,790
4th qtr.	148,016	115,644	26,118	6,254	83,339	55,776	23,582	3,981	64,677	59,868	2,536	113	2,160
1997 total	888,150	718,678	134,057	35,415	483,974	339,617	120,281	24,076	404,176	379,061	13,776	5,337	6,002
1998:													
1st qtr.	136,647	115,797	15,525	5,325	70,637	54,802	13,027	2,808	66,010	60,995	2,498	879	1,638
2d qtr.	136,380	122,369	9,252	4,759	72,590	59,760	8,956	3,874	63,790	62,609	296	136	749
3d qtr.	182,800	162,411	13,170	7,219	100,877	84,031	12,294	4,552	81,923	78,380	876	186	2,481
4th qtr.	161,668	140,218	14,750	6,700	83,017	65,637	12,938	4,442	78,651	74,581	1,812	185	2,073
1998 total	617,495	540,795	52,697	24,003	327,121	264,230	47,215	15,676	290,374	276,565	5,482	1,386	6,941
TO JAPAN													
1987	918,370	612,328	228,611	59,895	493,610	270,675	180,076	42,860	424,759	341,653	48,535	17,537	17,037
1988	1,075,863	729,888	236,376	76,040	570,923	332,581	184,306	54,036	504,940	397,308	52,070	33,559	22,004
1989	1,302,346	907,929	281,526	82,811	734,604	450,983	226,472	57,149	567,742	456,945	55,054	30,080	25,663
1990	1,264,949	923,577	241,989	71,993	718,343	484,358	191,418	42,567	546,607	439,219	50,571	27,391	29,426
1991	1,075,650	806,201	195,914	73,535	599,156	402,535	158,818	27,802	486,495	403,666	37,096	21,289	24,444
1992	1,246,492	1,009,233	176,387	60,872	711,014	538,858	146,098	26,058	535,478	470,375	30,289	17,771	17,043
1993	1,460,757	1,178,618	226,858	58,281	756,474	550,423	180,801	25,250	704,283	628,195	45,057	15,354	15,677
1994	1,395,644	1,159,702	180,753	55,189	707,419	545,898	141,385	20,136	688,225	613,804	39,368	18,306	16,747
1995	1,363,250	1,173,467	151,450	38,333	721,805	578,156	124,873	18,776	641,445	595,311	26,577	7,817	11,740
1996	1,320,534	1,173,404	111,437	35,693	708,513	593,058	95,435	20,020	612,021	580,345	16,022	3,968	11,705
1997:													
1st qtr.	277,226	230,269	34,983	11,974	142,006	105,684	29,351	6,971	135,220	124,585	5,632	3,660	1,343
2d qtr.	235,464	205,919	23,994	5,551	121,942	96,171	21,630	4,141	113,522	109,748	2,364	1,068	342
3d qtr.	184,888	150,487	30,176	4,225	97,937	68,400	26,932	2,605	86,951	82,087	3,244	106	1,514
4th qtr.	131,555	108,964	18,789	3,802	67,361	49,345	16,288	1,728	64,194	59,619	2,501	52	2,022
1997 total	829,133	695,639	107,942	25,552	429,246	319,600	94,201	15,445	399,887	376,039	13,741	4,886	5,221
1998:													
1st qtr.	131,815	113,743	14,138	3,934	66,349	53,130	11,640	1,579	65,466	60,613	2,498	818	1,537
2d qtr.	132,840	121,060	8,807	2,973	69,341	58,636	8,511	2,194	63,499	62,424	296	71	708
3d qtr.	176,675	160,541	11,256	4,878	95,112	82,471	10,380	2,261	81,563	78,070	876	182	2,435
4th qtr.	154,495	138,026	12,154	4,315	75,991	63,502	10,342	2,147	78,504	74,524	1,812	145	2,023
1998 total	595,825	533,370	46,355	16,100	306,793	257,739	40,873	8,181	289,032	275,631	5,482	1,216	6,703
TO CANADA													
1987	8,070	822	7,161	87	7,561	822	6,652	87	509	--	509	--	--
1988	3,842	336	3,334	172	3,842	336	3,334	172	--	--	--	--	--
1989	10,379	5,424	4,583	372	10,379	5,424	4,583	372	--	--	--	--	--
1990	8,865	946	6,447	1,472	8,865	946	6,447	1,472	--	--	--	--	--
1991	9,174	1,193	6,863	1,118	9,174	1,193	6,863	1,118	--	--	--	--	--
1992	1,865	811	328	726	1,865	811	328	726	--	--	--	--	--
1993	1,095	97	70	928	1,095	97	70	928	--	--	--	--	--
1994	2,832	246	1,822	763	2,832	246	1,822	763	--	--	--	--	--
1995	51,693	2,376	37,180	12,137	51,693	2,376	37,180	12,137	--	--	--	--	--
1996	16,716	5,555	10,535	625	16,716	5,555	10,535	625	--	--	--	--	--
1997:													
1st qtr.	571	360	112	99	571	360	112	99	--	--	--	--	--
2d qtr.	281	203	34	44	281	203	34	44	--	--	--	--	--
3d qtr.	918	459	392	67	918	459	392	67	--	--	--	--	--
4th qtr.	1,881	604	16	1,261	1,881	604	16	1,261	--	--	--	--	--
1997 total	3,651	1,626	554	1,471	3,651	1,626	554	1,471	--	--	--	--	--
1998:													
1st qtr.	915	166	358	391	915	166	358	391	--	--	--	--	--
2d qtr.	1,587	97	9	1,481	1,587	97	9	1,481	--	--	--	--	--
3d qtr.	1,967	15	4	1,948	1,967	15	4	1,948	--	--	--	--	--
4th qtr.	1,528	13	3	1,512	1,528	13	3	1,512	--	--	--	--	--
1998 total	5,997	291	374	5,332	5,997	291	374	5,332	--	--	--	--	--



**Table 28—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98 (continued)**

(In thousand dollars)

Year and quarter	From both customs districts			From Seattle Customs District				From Columbia-Snake Customs District					
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO SOUTH KOREA													
1987	126,745	4,952	104,680	16,935	112,289	3,871	93,149	15,269	14,456	1,080	11,531	178	1,667
1988	191,804	6,210	162,541	23,053	163,755	4,622	137,250	21,884	28,047	1,588	25,291	--	1,169
1989	216,548	6,655	182,826	27,068	172,501	6,094	140,425	25,982	44,047	560	42,401	--	1,086
1990	219,402	8,264	191,506	19,624	166,129	4,880	142,339	18,910	53,273	3,384	49,167	8	714
1991	193,895	6,519	171,554	15,822	141,473	2,834	124,209	14,430	52,422	3,685	47,345	--	1,392
1992	142,838	3,849	122,938	16,051	113,702	2,173	95,712	15,817	29,136	1,676	27,226	--	234
1993	140,396	10,210	112,573	17,613	100,660	6,680	78,925	15,055	39,736	3,530	33,648	--	2,558
1994	74,869	5,897	56,459	12,513	56,496	4,935	41,696	9,865	18,373	962	14,763	--	2,648
1995	81,733	6,197	66,067	9,469	70,663	5,103	56,262	9,298	11,070	1,094	9,805	14	57
1996	46,061	7,878	29,834	8,350	43,729	7,786	27,765	8,179	2,332	92	2,069	117	54
1997:													
1st qtr.	8,990	2,239	4,414	2,337	8,990	2,239	4,414	2,337	--	--	--	--	--
2d qtr.	15,878	5,298	9,123	1,457	15,472	5,064	9,123	1,285	406	234	--	14	158
3d qtr.	7,493	1,731	4,588	1,174	7,433	1,731	4,588	1,114	60	--	--	--	60
4th qtr.	10,135	2,106	7,165	864	10,121	2,106	7,165	850	14	--	--	--	14
1997 total	42,496	11,374	25,290	5,832	42,016	11,140	25,290	5,586	480	234	--	14	232
1998:													
1st qtr.	507	299	85	123	507	299	85	123	--	--	--	--	--
2d qtr.	961	619	279	63	961	619	279	63	--	--	--	--	--
3d qtr.	2,207	549	1,529	129	2,207	549	1,529	129	--	--	--	--	--
4th qtr.	2,621	938	1,474	209	2,621	938	1,474	209	--	--	--	--	--
1998 total	6,296	2,405	3,367	524	6,296	2,405	3,367	524	--	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA													
1987	158,384	113,984	41,361	3,039	123,661	84,867	37,120	1,673	34,723	29,116	4,241	--	1,366
1988	410,693	325,151	78,648	6,874	268,504	202,915	60,973	4,617	142,188	122,236	17,675	20	2,257
1989	168,362	145,035	20,786	2,476	110,098	97,616	10,179	2,303	58,265	47,420	10,607	65	173
1990	164,786	150,037	11,234	3,411	106,540	97,341	6,064	3,135	58,246	52,695	5,170	105	276
1991	143,274	127,457	10,953	4,864	87,689	74,788	8,335	4,566	55,585	52,669	2,618	--	298
1992	101,085	61,302	36,641	3,142	74,693	36,864	34,709	3,120	26,392	24,438	1,932	--	23
1993	75,121	34,880	34,704	5,537	52,945	20,961	28,355	3,629	22,176	13,919	6,349	--	1,908
1994	47,547	37,259	7,419	2,869	44,437	36,247	5,341	2,849	3,110	1,012	2,078	--	20
1995	9,772	7,218	813	1,741	9,734	7,218	813	1,703	38	--	--	38	--
1996	7,564	2,193	4,792	579	7,564	2,193	4,792	579	--	--	--	--	--
1997:													
1st qtr.	27	21	--	6	6	--	--	6	21	21	--	--	--
2d qtr.	1,128	780	--	348	1,128	780	--	348	--	--	--	--	--
3d qtr.	4,668	4,400	121	147	2,847	2,579	121	147	1,821	1,821	--	--	--
4th qtr.	3,800	3,607	113	80	3,800	3,607	113	80	--	--	--	--	--
1997 total	9,623	8,808	234	581	7,781	6,966	234	581	1,842	1,842	--	--	--
1998:													
1st qtr.	1,855	1,097	446	312	1,855	1,097	446	312	--	--	--	--	--
2d qtr.	569	408	116	45	569	408	116	45	--	--	--	--	--
3d qtr.	1,477	996	381	100	1,477	996	381	100	--	--	--	--	--
4th qtr.	2,528	1,143	1,019	366	2,528	1,143	1,019	366	--	--	--	--	--
1998 total	6,429	3,644	1,962	823	6,429	3,644	1,962	823	--	--	--	--	--

Note: Individual columns may not add to totals because of rounding.

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 29—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98**

(In dollars per thousand board feet, Scribner scale)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO ALL COUNTRIES													
1987	393.14	407.57	338.92	533.33	369.69	380.10	337.39	551.91	436.96	438.92	346.87	1,495.86	485.21
1988	468.71	473.26	423.23	541.87	450.04	450.87	427.90	574.52	499.59	498.91	405.42	1,875.39	462.90
1989	476.89	529.22	365.22	567.07	443.37	489.66	373.67	558.47	539.73	581.52	338.15	2,628.43	598.54
1990	559.05	587.13	482.42	542.67	524.97	550.04	486.61	528.77	620.26	637.93	469.02	2,672.54	577.63
1991	568.69	606.64	472.87	693.08	544.62	588.90	481.21	572.24	606.18	626.54	446.77	2,789.89	547.87
1992	687.01	771.64	500.23	755.59	649.07	761.13	498.42	629.61	754.11	784.24	508.84	1,940.20	681.42
1993	984.51	1,046.23	823.93	990.37	952.85	1,036.09	836.42	837.66	1,024.97	1,055.45	784.21	4,070.57	847.26
1994	969.56	1,029.82	738.21	1,071.97	912.42	1,006.03	726.97	778.21	1,044.36	1,053.58	779.12	5,719.01	950.88
1995	940.89	1,068.49	633.11	734.55	856.28	1,034.48	619.71	596.66	1,080.47	1,104.61	728.06	4,355.33	918.90
1996	926.59	999.21	605.75	862.64	848.00	945.52	595.03	752.06	1,049.50	1,062.44	702.94	3,306.63	964.06
1997:													
1st qtr.	978.26	1,068.62	628.26	1,154.59	906.02	1,059.43	614.34	943.96	1,074.34	1,076.73	727.37	4,522.70	845.67
2d qtr.	868.25	916.54	641.12	931.64	827.48	912.09	633.59	818.02	923.47	920.70	758.42	1,794.49	1,259.16
3d qtr.	817.01	870.60	647.30	762.63	786.74	869.90	650.72	725.00	857.25	870.52	607.77	1,276.51	852.38
4th qtr.	695.93	728.60	602.57	588.67	672.09	714.13	606.44	567.66	729.28	742.61	568.86	2,173.08	607.02
1997 avg.	852.19	910.30	631.15	880.97	807.84	901.56	627.12	784.23	912.16	918.05	668.74	2,965.00	750.30
1998:													
1st qtr.	710.69	745.12	536.86	669.98	691.11	766.22	526.90	471.06	732.91	727.13	595.61	3,977.38	927.52
2d qtr.	708.49	752.15	511.13	406.68	676.61	754.08	513.56	365.58	748.62	750.32	447.13	--	677.83
3d qtr.	719.76	769.59	509.91	421.97	694.49	786.49	506.28	322.20	753.53	752.25	566.99	1,690.91	864.46
4th qtr.	707.93	739.45	543.22	578.13	681.28	737.81	537.69	503.06	738.42	740.91	586.22	1,666.67	782.85
1998 avg.	712.13	752.40	526.97	496.47	686.36	762.40	521.67	396.70	743.58	743.09	577.54	3,135.75	827.39
TO JAPAN													
1987	448.24	445.52	406.35	594.20	433.58	425.65	413.40	640.66	466.58	462.63	382.17	1,590.66	504.05
1988	532.26	522.09	500.80	566.62	514.64	497.14	521.67	620.39	553.69	544.98	438.67	1,965.04	466.19
1989	537.31	565.10	424.43	580.32	499.10	530.37	435.36	563.60	596.39	604.14	384.72	2,697.03	621.38
1990	598.25	605.18	536.33	566.17	565.14	572.47	547.95	562.56	648.15	645.88	496.46	2,755.63	571.49
1991	627.68	638.22	555.31	752.66	606.50	627.59	563.18	579.21	655.48	649.19	523.96	3,085.36	572.46
1992	748.24	791.59	553.61	841.55	718.58	784.39	552.66	683.20	791.63	799.99	558.22	1,943.89	680.36
1993	1,015.52	1,055.43	833.05	1,112.32	979.46	1,046.28	834.05	856.31	1,057.32	1,063.58	829.08	4,161.65	899.86
1994	1,004.42	1,040.55	783.73	1,244.40	955.75	1,025.28	775.66	791.11	1,059.90	1,054.51	814.15	6,262.74	1,048.39
1995	1,026.17	1,078.09	746.27	1,034.13	972.76	1,051.76	735.85	830.39	1,093.74	1,104.95	799.43	4,193.67	932.26
1996	961.19	1,010.84	634.44	954.79	894.77	964.76	623.32	833.87	1,051.57	1,062.70	709.97	3,314.68	961.22
1997:													
1st qtr.	992.93	1,076.03	637.22	1,162.07	926.93	1,075.54	622.42	895.67	1,073.17	1,076.45	727.37	4,575.00	780.36
2d qtr.	881.28	917.05	651.22	957.94	847.74	914.06	641.31	844.52	920.39	919.68	758.42	1,813.24	1,131.33
3d qtr.	830.58	879.53	660.31	728.45	805.31	884.30	606.00	667.95	860.56	874.87	607.77	1,276.51	841.11
4th qtr.	711.44	737.38	600.29	650.83	693.54	730.30	604.72	658.54	731.26	743.35	572.97	2,476.19	632.51
1997 avg.	869.20	918.46	639.85	922.44	832.36	917.34	635.63	804.43	912.77	919.41	670.29	3,257.33	745.79
1998:													
1st qtr.	731.12	751.10	571.83	951.62	728.23	778.90	566.98	666.81	734.06	728.32	595.61	3,701.36	994.82
2d qtr.	725.02	752.27	511.50	585.47	705.88	756.76	514.07	523.00	747.14	748.09	447.13	--	801.81
3d qtr.	747.28	771.21	520.32	736.52	741.58	789.84	516.73	602.45	754.04	752.46	566.99	--	848.43
4th qtr.	732.07	751.51	567.60	723.87	724.71	765.07	564.46	607.70	739.34	740.34	586.22	--	833.20
1998 avg.	734.70	757.42	545.43	738.67	726.21	773.73	541.39	590.73	743.93	742.78	577.54	5,502.26	867.59
TO CANADA													
1987	185.35	152.05	201.15	217.50	182.65	152.05	201.15	217.50	242.38	--	242.38	--	--
1988	184.15	416.87	171.86	245.71	184.15	416.87	171.86	245.71	--	--	--	--	--
1989	342.46	419.30	274.43	487.00	342.46	419.30	274.43	487.00	--	--	--	--	--
1990	313.25	282.14	328.29	276.95	313.25	282.14	329.39	276.95	--	--	--	--	--
1991	314.18	331.39	310.54	319.43	314.18	331.39	310.54	319.43	--	--	--	--	--
1992	273.74	322.08	156.19	326.59	273.74	322.08	156.19	326.59	--	--	--	--	--
1993	370.31	396.24	281.58	376.68	370.31	396.24	281.58	376.68	--	--	--	--	--
1994	340.14	466.79	287.93	518.69	340.14	466.79	287.93	518.69	--	--	--	--	--
1995	386.07	355.80	397.70	359.84	386.07	355.80	397.70	359.84	--	--	--	--	--
1996	417.89	357.79	466.19	333.01	417.89	357.79	466.19	333.01	--	--	--	--	--
1997:													
1st qtr.	329.11	347.49	421.05	228.64	329.11	347.49	421.05	228.64	--	--	--	--	--
2d qtr.	311.01	293.89	466.71	314.47	311.01	293.89	466.71	314.47	--	--	--	--	--
3d qtr.	297.85	313.43	295.02	223.33	297.85	313.43	295.02	223.33	--	--	--	--	--
4th qtr.	347.37	287.62	375.00	385.27	347.37	287.62	375.00	385.27	--	--	--	--	--
1997 avg.	328.92	306.79	325.88	358.78	328.92	306.79	325.88	358.78	--	--	--	--	--
1998:													
1st qtr.	180.22	250.76	162.14	177.16	180.22	250.76	162.14	177.16	--	--	--	--	--
2d qtr.	247.89	438.91	--	239.61	247.89	438.91	--	239.61	--	--	--	--	--
3d qtr.	202.51	--	--	200.56	202.51	--	--	200.56	--	--	--	--	--
4th qtr.	216.31	--	--	214.04	216.31	--	--	214.04	--	--	--	--	--
1998 avg.	212.24	329.56	169.38	211.88	212.24	329.56	169.38	211.88	--	--	--	--	--

**Table 29—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98 (continued)**

(In dollars per thousand board feet, Scribner scale)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO SOUTH KOREA													
1987	310.54	343.94	290.70	510.09	309.99	347.27	289.82	514.11	314.92	332.21	297.96	358.87	490.29
1988	391.56	425.63	376.08	534.87	393.54	433.06	376.44	535.06	380.37	405.41	374.13	--	531.36
1989	337.91	384.62	317.96	558.10	334.74	379.22	310.33	555.17	350.95	454.18	303.51	--	678.75
1990	450.90	548.85	440.82	528.95	446.47	487.66	435.87	532.29	465.29	670.10	455.80	--	453.62
1991	435.13	521.52	421.82	601.60	441.69	497.19	425.96	627.39	418.37	541.91	411.34	--	421.82
1992	477.86	642.14	461.40	606.29	476.90	621.57	458.04	609.21	481.64	670.94	473.62	--	457.93
1993	842.36	861.97	840.79	841.34	868.88	795.24	878.74	853.72	781.92	1,024.67	763.44	--	775.20
1994	678.82	866.82	646.11	776.87	687.44	818.14	647.59	838.50	653.61	1,247.73	641.95	--	609.86
1995	649.51	754.26	626.35	779.96	656.46	726.41	633.92	783.65	608.44	918.56	586.21	2,800.00	579.34
1996	621.12	745.61	568.27	752.79	617.52	745.63	562.80	740.99	697.37	744.34	653.51	3,758.43	2,317.60
1997:													
1st qtr.	715.88	784.24	571.54	1,180.30	715.88	784.24	571.54	1,180.30	--	--	--	--	--
2d qtr.	732.48	978.21	616.81	990.95	725.70	973.66	616.81	967.40	1,137.25	1,088.37	--	1,713.59	1,177.08
3d qtr.	713.62	865.50	637.22	903.08	716.72	865.50	637.22	928.33	1,353.65	--	--	--	1,353.65
4th qtr.	671.19	822.66	613.13	1,080.00	671.87	822.66	613.13	1,039.12	1,000.00	--	--	--	1,000.00
1997 avg.	709.45	881.71	610.87	1,041.43	707.34	877.17	610.87	1,053.96	1,200.00	1,088.37	--	1,713.59	1,160.00
1998:													
1st qtr.	574.18	676.47	384.62	556.56	574.18	676.47	384.62	556.56	--	--	--	--	--
2d qtr.	725.28	701.02	421.45	--	725.28	701.02	421.45	--	--	--	--	--	--
3d qtr.	526.23	829.31	461.79	583.71	526.23	829.31	461.79	583.71	--	--	--	--	--
4th qtr.	539.63	607.12	476.87	945.70	539.63	607.12	476.87	945.70	--	--	--	--	--
1998 avg.	559.25	680.92	462.18	791.54	559.25	680.92	462.18	791.54	--	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA													
1987	283.50	292.64	263.45	249.10	283.87	294.01	263.82	265.56	282.17	288.72	260.18	--	231.53
1988	390.20	393.71	377.57	375.63	388.60	391.72	379.42	378.44	393.25	397.04	371.32	909.09	370.00
1989	385.27	390.00	343.57	526.81	369.70	371.09	338.17	500.65	418.13	435.72	348.91	1,756.76	1,153.33
1990	485.09	494.11	395.97	444.37	460.62	463.97	418.96	446.26	537.31	561.45	372.02	2,441.86	460.00
1991	445.64	463.14	341.22	342.54	431.75	445.17	359.27	383.70	469.87	491.77	294.16	--	129.57
1992	500.61	557.28	434.07	418.38	483.96	546.94	436.72	418.23	554.62	573.65	391.49	--	450.98
1993	785.97	857.61	732.54	735.23	815.67	907.80	759.58	808.24	723.12	791.71	632.06	--	627.43
1994	785.56	805.08	768.97	623.97	764.94	811.09	603.03	626.70	1,277.73	636.08	2,630.38	--	384.62
1995	703.07	739.02	548.58	656.98	701.45	739.02	548.58	648.02	1,739.13	--	--	1,739.13	--
1996	636.58	738.56	619.32	492.56	636.58	738.56	619.32	492.56	--	--	--	--	--
1997:													
1st qtr.	450.00	466.67	--	400.00	400.00	--	--	400.00	466.67	466.67	--	--	--
2d qtr.	672.27	875.42	--	442.24	672.27	875.42	--	442.24	--	--	--	--	--
3d qtr.	740.95	771.93	521.56	367.50	734.03	777.84	521.56	367.50	760.92	760.92	--	--	--
4th qtr.	622.95	644.11	506.73	408.16	626.55	638.86	506.73	408.16	--	--	--	--	--
1997 avg.	677.68	716.10	553.19	387.33	659.41	710.82	553.19	387.33	736.80	736.80	--	--	--
1998:													
1st qtr.	525.20	552.09	505.10	471.30	525.20	552.09	505.10	471.30	--	--	--	--	--
2d qtr.	515.40	616.31	524.89	203.62	515.40	616.31	524.89	203.62	--	--	--	--	--
3d qtr.	514.63	563.99	431.48	452.49	514.63	563.99	431.48	452.49	--	--	--	--	--
4th qtr.	520.49	575.24	461.50	552.87	520.49	575.24	461.50	552.87	--	--	--	--	--
1998 avg.	520.02	569.20	467.70	466.02	520.02	569.20	467.70	466.02	--	--	--	--	--

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter.

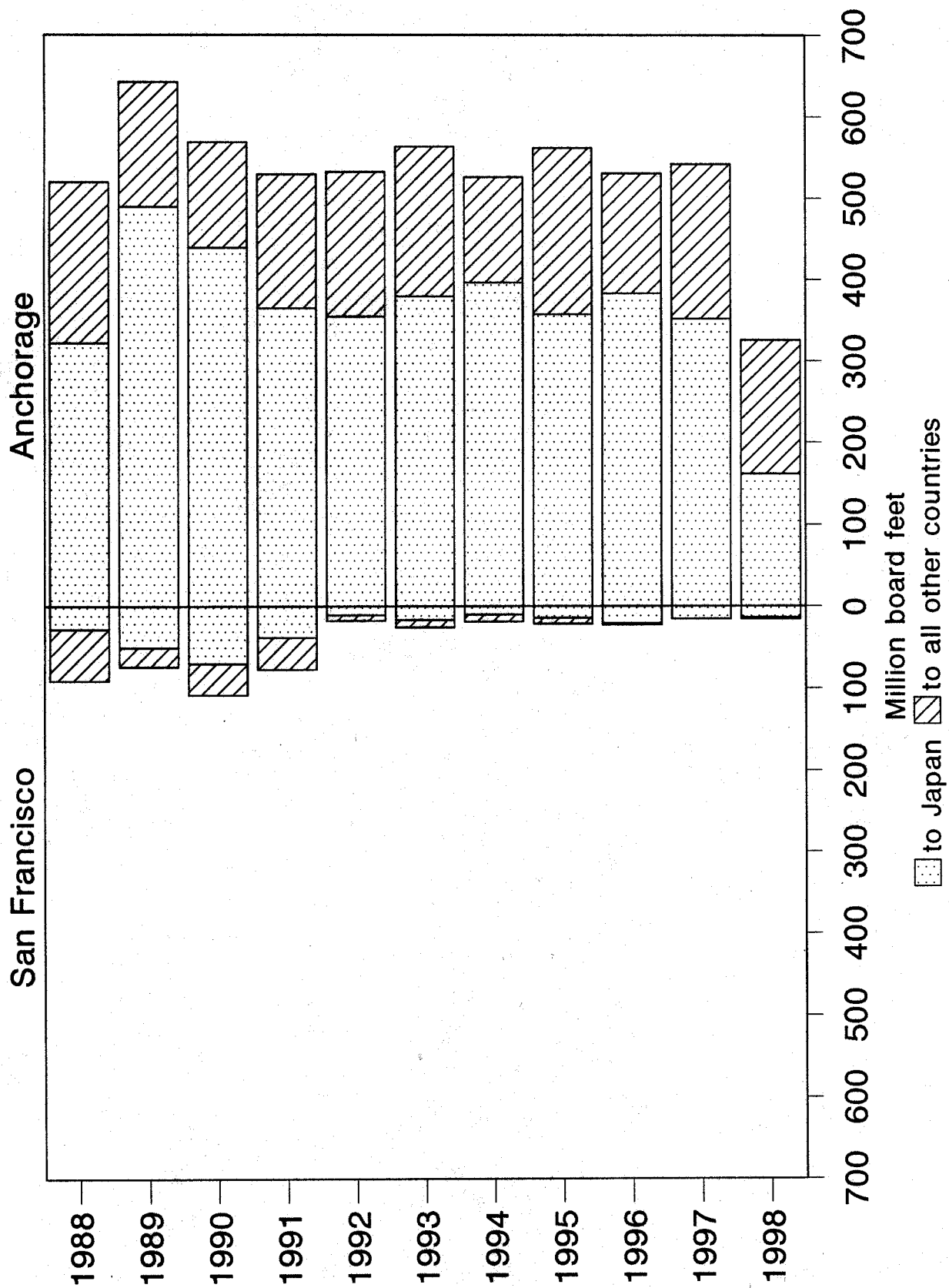
**Table 30--Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1987-98**

(In thousand board feet, Scribner scale)

Year and quarter	Total		Douglas-fir		Port-Orford-cedar		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>TO ALL COUNTRIES</b>								
1987	32,132	395.40	14,942	452.82	0	--	17,190	345.49
1988	90,785	440.32	26,850	509.87	156	2,147.44	63,779	406.86
1989	73,730	607.95	21,140	643.33	1	2,000.00	52,589	594.70
1990	108,287	520.00	25,287	549.22	41	3,073.17	82,959	509.83
1991	76,808	455.62	24,687	503.87	21	1,476.19	52,100	432.34
1992	17,651	687.21	5,014	1,050.86	0	--	12,637	542.93
1993	25,946	903.41	8,376	1,346.82	222	2,612.61	17,348	667.45
1994	19,045	728.22	4,506	892.37	132	2,272.73	14,407	662.73
1995	21,602	808.44	7,661	1,049.47	225	5,626.67	13,716	594.78
1996	23,006	875.41	18,173	917.91	124	2,003.54	4,709	681.63
1997	15,600	823.51	13,255	788.50	377	2,296.58	1,967	776.87
1998:								
1st quarter	7,465	868.36	5,896	907.86	0	--	1,569	719.90
2d quarter	1,125	675.38	589	571.12	44	1,545.45	492	722.25
3d quarter	4,704	688.50	4,331	646.69	0	--	373	1,174.22
4th quarter	2,535	707.16	1,330	745.23	0	--	1,206	665.18
1998 total and average value	15,828	775.38	12,145	780.60	44	1,545.45	3,639	748.63
<b>TO JAPAN</b>								
1987	25,212	393.34	8,944	477.30	0	--	16,268	347.25
1988	28,269	500.09	11,180	594.28	147	2,238.10	16,942	422.85
1989	50,634	675.04	15,078	622.83	0	--	35,556	697.18
1990	70,186	537.54	16,465	590.46	0	--	53,721	521.32
1991	38,188	481.75	15,790	544.46	0	--	22,398	437.54
1992	10,898	792.71	5,014	1,050.86	0	--	5,884	572.74
1993	16,906	1,101.56	8,190	1,366.54	210	2,666.67	8,506	807.78
1994	10,392	905.70	3,863	936.06	132	2,272.73	6,397	859.15
1995	14,514	955.56	7,603	1,044.72	225	5,626.67	6,686	696.98
1996	21,155	890.73	18,026	920.84	42	2,503.58	3,087	693.00
1997	15,470	823.33	13,249	787.96	377	2,296.58	1,843	776.07
1998:								
1st quarter	7,399	863.69	5,896	907.86	0	--	1,503	690.48
2d quarter	563	717.45	497	588.89	44	1,545.45	22	1,964.00
3d quarter	4,251	710.60	3,885	666.37	0	--	366	1,180.34
4th quarter	1,473	874.93	1,214	770.92	0	--	259	1,363.01
1998 total and average value	13,686	811.34	11,492	797.96	44	1,545.45	2,150	867.80
<b>TO PEOPLE'S REPUBLIC OF CHINA</b>								
1987	0	--	0	--	0	--	0	--
1988	43,713	429.00	12,881	434.52	0	--	30,832	426.70
1989	9,355	363.01	2,944	518.34	1	2,000.00	6,409	291.47
1990	18,755	449.00	5,912	459.24	0	--	12,843	444.29
1991	28,493	408.31	8,874	429.34	0	--	19,619	398.80
1992	0	--	0	--	0	--	0	--
1993	2,604	563.36	0	--	0	--	2,604	563.36
1994	0	--	0	--	0	--	0	--
1995	0	--	0	--	0	--	0	--
1996	0	--	0	--	0	--	0	--
1997	0	--	0	--	0	--	0	--
1998:								
1st quarter	25	528.17	0	--	0	--	25	528.17
2d quarter	14	858.66	0	--	0	--	14	858.66
3d quarter	7	847.45	0	--	0	--	7	847.45
4th quarter	294	466.27	0	--	0	--	294	466.27
1998 total and average value	340	494.81	0	--	0	--	340	494.81

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

Figure 4--Log exports from San Francisco and Anchorage Customs Districts, 1988-98



**Table 31—Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1987-98**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	All species		Hemlock		Redcedar		Spruce	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>TO ALL COUNTRIES</b>								
1987	453,127	471.94	234,230	371.37	36,027	375.44	164,387	587.59
1988	519,538	510.93	260,031	411.46	58,312	443.01	175,901	641.21
1989	643,061	511.73	278,963	431.46	74,065	404.27	251,118	620.86
1990	568,597	592.33	251,500	457.05	62,609	439.35	213,334	781.02
1991	528,878	555.81	226,013	421.14	55,312	397.51	218,580	717.43
1992	531,993	619.85	212,684	464.73	47,444	517.52	225,266	726.64
1993	563,044	805.67	217,853	643.41	60,542	687.89	228,789	937.01
1994	525,404	739.45	200,129	579.34	39,563	647.25	240,323	811.57
1995	561,550	695.12	250,659	539.02	40,685	652.43	228,615	779.98
1996	530,147	705.98	223,519	537.02	22,632	678.28	257,254	817.34
1997	541,667	642.25	202,517	480.10	37,305	806.85	259,601	733.15
1998:								
1st quarter	66,225	456.17	9,492	482.93	2,870	835.19	22,517	669.32
2d quarter	78,808	533.13	21,413	476.49	3,532	919.31	32,892	668.92
3d quarter	85,872	417.04	18,985	404.90	5,298	759.72	34,879	554.63
4th quarter	94,481	487.41	22,296	427.88	3,532	676.10	43,046	630.60
1998 total and average value	325,386	473.55	72,186	443.51	15,232	791.62	133,334	626.71
<b>TO JAPAN</b>								
1987	301,200	595.03	142,786	491.34	11,677	390.68	130,116	678.69
1988	321,655	644.34	137,983	563.71	18,871	435.59	142,422	718.39
1989	489,188	560.47	201,145	478.00	21,396	465.88	228,074	637.74
1990	439,291	632.94	171,198	481.74	28,479	440.68	199,692	782.91
1991	364,987	632.15	137,515	489.62	19,836	447.87	182,066	750.06
1992	354,398	697.71	116,016	559.74	21,936	537.52	174,459	750.71
1993	379,234	898.98	119,343	735.02	25,690	664.34	189,109	980.78
1994	396,290	798.81	116,970	641.77	23,994	658.75	213,207	826.66
1995	356,928	798.61	116,903	633.41	18,880	679.45	189,840	815.27
1996	383,056	771.64	129,788	562.49	13,042	668.13	218,545	851.47
1997	351,497	721.67	114,246	525.60	20,198	769.29	194,755	780.93
1998:								
1st quarter	28,698	678.10	6,623	504.91	442	1,013.57	17,219	707.65
2d quarter	48,565	654.11	16,115	461.19	1,104	757.25	28,035	720.78
3d quarter	33,996	553.27	8,830	468.86	1,987	683.44	22,958	565.16
4th quarter	50,110	596.83	13,466	476.68	2,870	683.97	29,139	636.40
1998 total and average value	161,369	619.35	45,034	473.75	6,402	719.31	97,351	656.50
<b>TO PEOPLE'S REPUBLIC OF CHINA</b>								
1987	19,602	296.09	2,061	183.41	0	--	17,541	309.33
1988	9,267	327.61	601	361.06	0	--	8,666	325.41
1989	6,998	271.36	0	--	0	--	6,998	271.36
1990	4,163	561.85	3,299	500.45	0	--	864	797.45
1991	21,813	506.12	1,325	286.79	0	--	20,489	520.28
1992	33,661	592.73	2,745	336.98	0	--	30,917	615.42
1993	19,068	777.80	1,464	717.21	0	--	17,605	782.85
1994	13,434	543.32	4,232	300.33	0	--	9,202	655.18
1995	5,426	477.10	0	--	0	--	5,426	477.10
1996	3,062	587.89	0	--	0	--	3,062	587.89
1997	2,256	543.00	0	--	0	--	2,256	543.00
1998:								
1st quarter	883	762.17	0	--	0	--	883	762.17
2d quarter	0	--	0	--	0	--	0	--
3d quarter	1,987	604.43	1,987	604.43	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1998 total and average value	2,870	652.96	1,987	604.43	0	--	883	762.17

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 32—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Aberdeen-Hoquiam:</b>										
Douglas-fir	88,558	703.48	83,206	707.75	2,596	584.57	2,756	686.42	0	--
Port-Orford-cedar	152	1,361.91	152	1,361.91	0	--	0	--	0	--
Redcedar	14	1,345.41	0	--	0	--	14	1,345.41	0	--
Hemlock	44,143	527.05	36,219	538.33	1,601	470.17	6,323	476.82	0	--
Spruce	2,009	457.90	487	405.16	1,303	482.46	220	429.09	0	--
Other softwoods	266	624.46	234	635.80	0	--	32	542.80	0	--
All softwoods	135,142	642.85	120,297	656.20	5,500	527.08	9,345	539.02	0	--
All hardwoods	265	527.04	0	--	0	--	265	527.04	0	--
Red alder	28	595.57	0	--	0	--	6	656.67	0	--
<b>Anacortes:</b>										
Douglas-fir	6,062	669.35	6,062	669.35	0	--	0	--	0	--
<b>Everett:</b>										
Douglas-fir	52,788	828.46	52,709	828.61	0	--	78	730.09	0	--
Hemlock	9,538	659.09	9,538	659.09	0	--	0	--	0	--
Spruce	300	827.12	300	827.12	0	--	0	--	0	--
Other softwoods	1,243	521.67	1,047	532.44	0	--	196	463.99	0	--
All softwoods	63,869	797.19	63,595	798.30	0	--	274	539.96	0	--
All hardwoods	679	589.74	0	--	0	--	679	589.74	0	--
<b>Olympia:</b>										
Douglas-fir	2,831	718.27	2,831	718.27	0	--	0	--	0	--
Hemlock	99	478.17	99	478.17	0	--	0	--	0	--
All softwoods	2,930	710.13	2,930	710.13	0	--	0	--	0	--
All hardwoods	841	1,764.32	841	1,764.32	0	--	0	--	0	--
<b>Port Angeles:</b>										
Douglas-fir	15,377	888.17	15,064	890.57	0	--	313	772.64	0	--
Redcedar	6	1,368.71	6	1,368.71	0	--	0	--	0	--
Hemlock	7,607	526.49	7,466	525.05	0	--	141	602.82	0	--
Spruce	611	605.17	564	604.70	0	--	47	610.70	0	--
Other softwoods	377	792.91	377	792.91	0	--	0	--	0	--
All softwoods	23,978	764.84	23,476	766.02	0	--	502	709.70	0	--
All hardwoods	114	592.59	69	380.49	0	--	45	921.25	0	--
Red alder	35	637.09	11	554.69	0	--	24	674.47	0	--

**Table 32—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1998 (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Seattle:										
Douglas-fir	181	879.43	15	2,265.00	0	--	160	718.47	0	--
Port-Orford-cedar	34	1,724.97	18	1,724.05	0	--	0	--	0	--
Redcedar	35	1,380.87	0	--	0	--	35	1,380.87	0	--
Hemlock	379	422.73	301	375.52	0	--	78	604.14	0	--
Spruce	15	592.14	15	592.14	0	--	0	--	0	--
Other softwoods	4,093	551.67	3,350	512.57	166	433.98	260	738.84	0	--
All softwoods	4,738	568.59	3,700	515.00	166	433.98	533	754.68	0	--
All hardwoods	5,118	1,713.32	2,889	1,947.84	385	1,225.12	1,054	1,024.63	18	378.67
Red alder	17	504.65	0	--	0	--	17	504.65	0	--
Tacoma:										
Douglas-fir	176,228	778.55	172,479	782.56	3,659	581.46	91	1,109.05	0	--
Redcedar	219	868.84	21	1,565.65	40	506.04	35	921.05	0	--
Hemlock	26,161	499.86	21,857	503.63	2,598	465.84	452	487.90	0	--
Spruce	1,055	609.02	796	681.61	260	386.76	0	--	0	--
Other softwoods	5,594	600.16	5,220	566.80	0	--	0	--	0	--
All softwoods	209,258	738.18	200,372	746.20	6,556	527.47	577	611.51	0	--
All hardwoods	6,057	1,623.32	4,548	1,600.56	39	1,270.18	104	483.82	0	--
Red alder	83	1,143.15	0	--	0	--	0	--	0	--
Other ports: <sup>a</sup>										
Douglas-fir	1,428	340.65	108	505.50	0	--	0	--	1,065	272.65
Redcedar	64	1,034.61	0	--	0	--	0	--	64	1,034.61
Hemlock	2,254	164.66	0	--	0	--	0	--	2,254	164.66
Spruce	5,744	205.92	5	1,419.97	0	--	0	--	5,739	204.80
Other softwoods	6,140	281.85	0	--	0	--	0	--	6,140	281.85
All softwoods	15,630	245.49	114	548.11	0	--	0	--	15,262	238.08
All hardwoods	462	924.60	0	--	0	--	0	--	462	924.60
Total:										
Douglas-fir	343,452	767.58	332,475	773.40	6,255	582.75	3,397	708.14	1,065	272.65
Port-Orford-cedar	187	1,428.93	170	1,400.42	0	--	0	--	0	--
Redcedar	338	981.39	28	1,521.54	40	506.04	83	1,182.76	64	1,034.61
Hemlock	90,182	523.53	75,480	541.50	4,199	467.49	6,994	481.50	2,254	164.66
Spruce	9,736	346.46	2,167	620.88	1,563	466.55	267	461.21	5,739	204.80
Other softwoods	17,712	477.57	10,227	555.43	166	433.98	488	615.72	6,140	281.85
All softwoods	461,607	700.32	420,547	725.99	12,222	526.03	11,230	560.62	15,262	238.08
All hardwoods	13,535	1,560.27	8,347	1,727.16	425	1,229.29	2,146	797.25	480	904.27
Red alder	164	874.25	11	554.69	0	--	46	610.08	0	--

<sup>a</sup> Bellingham, Blaine, Danville, Ferry, Frontier, Laurier, Lynden, Oroville, and Sumas.

Source: U.S. Department of Commerce.



**Table 33a—Volume and average value of log exports by port, species, and destination, Seattle Customs District, first quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	17,508	729.62	15,605	748.30	1,904	576.47	0	--	0	--
Port-Orford-cedar	152	1,361.91	152	1,361.91	0	--	0	--	0	--
Hemlock	13,826	559.15	12,878	565.66	948	470.67	0	--	0	--
Spruce	648	415.69	0	--	648	415.69	0	--	0	--
Other softwoods	68	601.81	68	601.81	0	--	0	--	0	--
All softwoods	32,203	652.82	28,703	669.26	3,500	518.03	0	--	0	--
Everett:										
Douglas-fir	12,444	778.58	12,366	778.88	0	--	78	730.09	0	--
Hemlock	1,545	559.82	1,545	559.82	0	--	0	--	0	--
Spruce	13	779.75	13	779.75	0	--	0	--	0	--
Other softwoods	576	453.30	381	447.81	0	--	196	463.99	0	--
All softwoods	14,578	742.55	14,305	746.42	0	--	274	539.96	0	--
All hardwoods	679	589.74	0	--	0	--	679	589.74	0	--
Olympia:										
Douglas-fir	2,831	718.27	2,831	718.27	0	--	0	--	0	--
Hemlock	99	478.17	99	478.17	0	--	0	--	0	--
All softwoods	2,930	710.13	2,930	710.13	0	--	0	--	0	--
All hardwoods	841	1,764.32	841	1,764.32	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	5,515	848.88	5,201	853.48	0	--	313	772.64	0	--
Redcedar	3	1,057.00	3	1,057.00	0	--	0	--	0	--
Hemlock	2,838	552.60	2,698	549.98	0	--	141	602.82	0	--
Spruce	76	812.12	29	1,141.15	0	--	47	610.70	0	--
Other softwoods	170	706.81	170	706.81	0	--	0	--	0	--
All softwoods	8,602	748.07	8,100	750.45	0	--	502	709.70	0	--
All hardwoods	103	596.58	58	348.16	0	--	45	921.25	0	--
Red alder	24	674.47	0	--	0	--	24	674.47	0	--

**Table 33a—Volume and average value of log exports by port, species, and destination, Seattle Customs District, first quarter 1998 (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Seattle:										
Douglas-fir	6	1,597.41	0	--	0	--	0	--	0	--
Port-Orford-cedar	8	1,714.05	0	--	0	--	0	--	0	--
Hemlock	12	370.31	12	370.31	0	--	0	--	0	--
Spruce	1	3,150.00	1	3,150.00	0	--	0	--	0	--
Other softwoods	164	857.37	11	2,686.84	58	378.93	7	466.59	0	--
All softwoods	191	898.09	24	1,532.22	58	378.93	7	466.59	0	--
All hardwoods	1,750	2,138.20	1,086	2,317.26	202	1,278.72	116	1,575.41	0	--
Tacoma:										
Douglas-fir	32,037	789.51	32,037	789.51	0	--	0	--	0	--
Redcedar	171	805.13	8	1,582.44	40	506.04	0	--	0	--
Hemlock	4,259	575.96	3,379	578.68	0	--	0	--	0	--
Spruce	735	643.92	735	643.92	0	--	0	--	0	--
Other softwoods	1,073	598.54	881	504.84	0	--	0	--	0	--
All softwoods	38,275	757.67	37,040	760.79	40	506.04	0	--	0	--
All hardwoods	3,040	1,629.39	2,458	1,646.64	0	--	0	--	0	--
Red alder	58	1,150.26	0	--	0	--	0	--	0	--
Other ports: <sup>a</sup>										
Douglas-fir	928	346.12	108	505.50	0	--	0	--	608	273.30
Hemlock	2,221	161.19	0	--	0	--	0	--	2,221	161.19
Other softwoods	149	424.25	0	--	0	--	0	--	149	424.25
All softwoods	3,298	225.11	108	505.50	0	--	0	--	2,978	197.23
All hardwoods	187	1,013.49	0	--	0	--	0	--	187	1,013.49
Total:										
Douglas-fir	71,270	768.94	68,149	779.61	1,904	576.47	392	764.15	608	273.30
Port-Orford-cedar	160	1,379.85	152	1,361.91	0	--	0	--	0	--
Redcedar	175	809.91	11	1,430.87	40	506.04	0	--	0	--
Hemlock	24,801	525.27	20,611	564.77	948	470.67	141	602.82	2,221	161.19
Spruce	1,474	555.16	778	667.97	648	415.69	47	610.70	0	--
Other softwoods	2,199	576.45	1,509	533.14	58	378.93	202	464.08	149	424.25
All softwoods	100,078	702.23	91,210	727.09	3,597	515.66	782	648.16	2,978	197.23
All hardwoods	6,600	1,640.87	4,443	1,815.77	202	1,278.72	840	743.34	187	1,013.49
Red alder	82	1,011.38	0	--	0	--	24	674.47	0	--

<sup>a</sup> Blaine, Danville, Ferry, Laurier, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 33b—Volume and average value of log exports by port, species, and destination, Seattle Customs District, second quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Aberdeen-Hoquiam:</b>										
Douglas-fir	24,646	722.73	23,859	721.53	0	--	787	758.98	0	--
Hemlock	9,427	520.21	8,668	523.30	245	475.17	515	489.55	0	--
Spruce	59	486.53	0	--	49	414.61	10	839.76	0	--
Other softwoods	161	651.16	161	651.16	0	--	0	--	0	--
All softwoods	34,293	666.32	32,688	668.62	294	465.11	1,312	653.90	0	--
All hardwoods	142	540.21	0	--	0	--	142	540.12	0	--
Red alder	6	656.67	0	--	0	--	6	656.67	0	--
<b>Everett:</b>										
Douglas-fir	16,865	824.57	16,865	824.57	0	--	0	--	0	--
Hemlock	2,126	604.46	2,126	604.46	0	--	0	--	0	--
Other softwoods	223	614.93	223	614.93	0	--	0	--	0	--
All softwoods	19,215	797.77	19,215	797.77	0	--	0	--	0	--
<b>Port Angeles:</b>										
Douglas-fir	3,377	813.91	3,377	813.91	0	--	0	--	0	--
Redcedar	3	1,728.37	3	1,728.37	0	--	0	--	0	--
Hemlock	778	500.48	778	500.48	0	--	0	--	0	--
Spruce	12	494.18	12	494.18	0	--	0	--	0	--
All softwoods	4,170	755.13	4,170	755.13	0	--	0	--	0	--
<b>Seattle:</b>										
Douglas-fir	19	1,118.70	0	--	0	--	19	1,118.70	0	--
Port-Orford-cedar	26	1,728.37	18	1,724.05	0	--	0	--	0	--
Redcedar	18	1,744.50	0	--	0	--	18	1,744.50	0	--
Hemlock	264	407.69	214	375.88	0	--	50	543.00	0	--
Other softwoods	3,277	472.65	3,059	465.98	52	459.94	14	1,612.40	0	--
All softwoods	3,605	486.82	3,291	467.04	52	459.94	102	1,012.47	0	--
All hardwoods	1,673	1,368.62	1,117	1,664.21	108	1,219.26	141	1,253.78	0	--
<b>Tacoma:</b>										
Douglas-fir	34,048	739.39	33,339	742.86	709	575.98	0	--	0	--
Hemlock	4,771	473.70	4,663	475.98	0	--	0	--	0	--
Other softwoods	75	860.89	75	860.89	0	--	0	--	0	--
All softwoods	38,895	707.03	38,077	710.42	709	575.98	0	--	0	--
All hardwoods	2,060	1,592.57	1,970	1,564.28	0	--	0	--	0	--
Red alder	16	893.24	0	--	0	--	0	--	0	--

**Table 33b—Volume and average value of log exports by port, species, and destination, Seattle Customs District, second quarter 1998 (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	327	295.45	0	--	0	--	0	--	327	295.45
Redcedar	26	816.53	0	--	0	--	0	--	26	816.53
Hemlock	12	493.85	0	--	0	--	0	--	12	493.85
Other softwoods	549	494.91	0	--	0	--	0	--	549	494.91
All softwoods	913	432.52	0	--	0	--	0	--	913	432.52
All hardwoods	218	871.85	0	--	0	--	0	--	218	871.85
Total:										
Douglas-fir	79,282	753.77	77,440	757.18	709	575.98	807	767.65	327	295.45
Port-Orford-cedar	26	1,728.37	18	1,724.05	0	--	0	--	0	--
Redcedar	46	1,230.91	3	1,728.37	0	--	18	1,744.50	26	816.53
Hemlock	17,380	515.14	16,449	517.38	245	475.17	565	494.32	12	493.85
Spruce	71	487.84	12	494.18	49	414.61	10	839.76	0	--
Other softwoods	4,286	496.46	3,519	492.38	52	459.94	14	1,612.40	549	494.91
All softwoods	101,091	702.12	97,441	707.31	1,055	539.40	1,413	679.72	913	432.52
All hardwoods	4,092	1,536.48	3,087	1,600.43	108	1,219.26	283	895.88	218	871.85
Red alder	21	831.63	0	--	0	--	6	656.67	0	--

<sup>a</sup> Blaine, Danville, Ferry, Laurier, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 33c—Volume and average value of log exports by port, species, and destination, Seattle Customs District, third quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	26,532	636.43	25,855	633.33	0	--	677	754.70	0	--
Redcedar	14	1,345.41	0	--	0	--	14	1,345.41	0	--
Hemlock	8,852	502.55	5,992	517.96	0	--	2,860	470.26	0	--
Spruce	623	408.71	487	405.16	0	--	136	421.44	0	--
Other softwoods	32	542.80	0	--	0	--	32	542.80	0	--
All softwoods	36,053	599.82	32,333	608.52	0	--	3,719	524.19	0	--
All hardwoods	123	511.82	0	--	0	--	123	511.82	0	--
Red alder	23	580.89	0	--	0	--	23	580.89	0	--
Anacortes:										
Douglas-fir	1,916	574.01	1,916	574.01	0	--	0	--	0	--
Everett:										
Douglas-fir	15,571	833.47	15,571	833.47	0	--	0	--	0	--
Hemlock	2,404	628.26	2,404	628.26	0	--	0	--	0	--
All softwoods	17,975	806.02	17,975	806.02	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	4,799	953.48	4,799	953.48	0	--	0	--	0	--
Hemlock	2,352	494.01	2,352	494.01	0	--	0	--	0	--
Spruce	523	577.59	523	577.59	0	--	0	--	0	--
Other softwoods	155	761.37	155	761.37	0	--	0	--	0	--
All softwoods	7,828	786.53	7,828	786.53	0	--	0	--	0	--
Seattle:										
Douglas-fir	18	567.10	0	--	0	--	18	567.10	0	--
Hemlock	75	375.31	75	375.31	0	--	0	--	0	--
Spruce	15	393.91	15	393.91	0	--	0	--	0	--
Other softwoods	310	857.97	169	1,237.55	0	--	110	322.67	0	--
All softwoods	418	742.32	259	938.73	0	--	127	356.56	0	--
All hardwoods	417	1,100.69	179	1,621.10	0	--	218	665.09	0	--
Red alder	9	484.06	0	--	0	--	9	484.06	0	--
Tacoma:										
Douglas-fir	58,142	833.60	56,380	841.49	1,736	573.85	25	1,088.11	0	--
Redcedar	5	2,123.44	5	2,123.44	0	--	0	--	0	--
Hemlock	10,407	494.06	9,191	497.86	820	464.36	395	467.40	0	--
Spruce	290	410.23	30	614.91	260	386.76	0	--	0	--
Other softwoods	1,795	589.22	1,725	564.36	0	--	0	--	0	--
All softwoods	70,638	775.73	67,332	787.48	2,816	524.69	420	504.89	0	--
All hardwoods	257	1,810.83	56	1,182.12	0	--	25	502.14	0	--
Red alder	9	730.12	0	--	0	--	0	--	0	--

**Table 33c—Volume and average value of log exports by port, species, and destination, Seattle Customs District, third quarter 1998 (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	62	242.78	0	--	0	--	0	--	62	242.78
Redcedar	18	1,388.53	0	--	0	--	0	--	18	1,388.53
Hemlock	15	272.39	0	--	0	--	0	--	15	272.39
Spruce	5,739	204.80	0	--	0	--	0	--	5,739	204.80
Other softwoods	1,667	240.63	0	--	0	--	0	--	1,667	240.63
All softwoods	7,501	216.04	0	--	0	--	0	--	7,501	216.04
All hardwoods	42	891.07	0	--	0	--	0	--	42	891.07
Total:										
Douglas-fir	107,039	785.05	104,521	789.04	1,736	573.85	721	761.85	62	242.78
Redcedar	37	1,477.35	5	2,123.44	0	--	14	1,345.41	18	1,388.53
Hemlock	24,105	510.05	20,015	518.63	820	464.36	3,255	469.91	15	272.39
Spruce	7,189	258.24	1,054	496.42	260	386.76	136	421.44	5,739	204.80
Other softwoods	3,960	469.87	2,049	634.76	0	--	142	372.92	1,667	240.63
All softwoods	142,330	703.28	127,644	741.80	2,816	524.69	4,267	517.28	7,501	216.04
All hardwoods	839	1,221.06	235	1,516.31	0	--	366	602.71	42	891.07
Red alder	41	591.12	0	--	0	--	9	484.06	0	--

<sup>a</sup> Blaine, Danville, Ferry, Laurier, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 33d—Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	19,871	746.08	17,887	761.56	693	606.82	1,291	606.34	0	--
Hemlock	12,039	513.54	8,681	526.85	408	465.99	2,949	480.95	0	--
Spruce	680	540.75	0	--	606	559.39	74	388.01	0	--
Other softwoods	5	601.25	5	601.25	0	--	0	--	0	--
All softwoods	32,594	655.89	26,574	684.85	1,707	556.31	4,314	516.88	0	--
Anacortes:										
Douglas-fir	4,146	713.42	4,146	713.42	0	--	0	--	0	--
Everett:										
Douglas-fir	7,908	905.42	7,908	905.42	0	--	0	--	0	--
Hemlock	3,463	758.32	3,463	758.32	0	--	0	--	0	--
Spruce	287	829.34	287	829.34	0	--	0	--	0	--
Other softwoods	443	563.55	443	563.55	0	--	0	--	0	--
All softwoods	12,100	849.00	12,100	849.00	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	1,687	979.44	1,687	979.44	0	--	0	--	0	--
Hemlock	1,638	540.23	1,638	540.23	0	--	0	--	0	--
Other softwoods	52	1,167.05	52	1,167.05	0	--	0	--	0	--
All softwoods	3,377	769.29	3,377	769.29	0	--	0	--	0	--
Red alder	11	554.69	11	554.69	0	--	0	--	0	--
Seattle:										
Douglas-fir	138	854.70	15	2,265.00	0	--	123	676.82	0	--
Redcedar	17	993.32	0	--	0	--	17	993.32	0	--
Hemlock	28	713.89	0	--	0	--	28	713.89	0	--
Other softwoods	342	885.03	111	481.72	57	466.36	130	1,010.33	0	--
All softwoods	524	871.36	126	699.96	57	466.36	297	843.76	0	--
All hardwoods	1,278	1,429.47	508	1,896.55	75	1,089.16	578	994.09	18	378.67
Red alder	8	529.36	0	--	0	--	8	529.36	0	--
Tacoma:										
Douglas-fir	52,001	735.90	50,722	738.77	1,214	595.55	65	1,117.22	0	--
Redcedar	43	968.46	8	1,176.54	0	--	35	921.05	0	--
Hemlock	6,724	479.20	4,624	488.16	1,777	466.52	57	630.62	0	--
Spruce	31	1,642.13	31	1,642.13	0	--	0	--	0	--
Other softwoods	2,650	600.79	2,538	581.20	0	--	0	--	0	--
All softwoods	61,449	702.60	57,923	712.40	2,991	518.88	157	897.43	0	--
All hardwoods	701	1,618.72	64	1,313.50	39	1,270.18	79	478.17	0	--
Red alder	1	7,623.99	0	--	0	--	0	--	0	--

**Table 33d—Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1998 (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	111	483.00	0	--	0	--	0	--	68	184.47
Redcedar	20	997.98	0	--	0	--	0	--	20	997.98
Hemlock	5	553.98	0	--	0	--	0	--	5	553.98
Spruce	5	1,419.97	5	1,419.97	0	--	0	--	0	--
Other softwoods	3,775	263.47	0	--	0	--	0	--	3,775	263.47
All softwoods	3,917	275.44	5	1,419.97	0	--	0	--	3,869	266.34
All hardwoods	15	669.69	0	--	0	--	0	--	15	669.69
Total:										
Douglas-fir	85,861	757.43	82,365	763.66	1,907	559.64	1,479	634.68	68	184.47
Redcedar	80	981.18	8	1,176.54	0	--	52	944.52	20	997.98
Hemlock	23,897	541.42	18,406	561.87	2,186	466.42	3,034	485.91	5	553.98
Spruce	1,003	661.91	323	916.75	606	559.39	74	388.01	0	--
Other softwoods	7,267	440.70	3,149	584.94	57	466.36	130	1,010.33	3,775	263.47
All softwoods	118,108	693.58	104,252	723.14	4,755	531.69	4,768	549.75	3,869	266.34
All hardwoods	2,004	1,485.41	582	1,807.75	114	1,151.36	658	931.77	32	509.33
Red alder	20	941.88	11	554.69	0	--	8	529.36	0	--

<sup>a</sup> Blaine, Danville, Ferry, Laurier, Oroville, and Sumas.

Source: U.S. Department of Commerce.



**Table 34—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	33,086	716.34	33,004	715.33	0	--	0	--	0	--
Port-Orford-cedar	347	2,586.93	335	2,659.8	0	--	0	--	0	--
Redcedar	653	2,375.12	598	2,549.07	0	--	0	--	0	--
Hemlock	19	599.17	19	599.17	0	--	0	--	0	--
Other softwoods	23	1,842.27	13	2,548.13	0	--	0	--	0	--
All softwoods	34,128	767.79	33,968	767.39	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	315,075	750.67	314,862	750.82	0	--	0	--	0	--
Port-Orford-cedar	67	3,490.33	67	3,490.33	0	--	0	--	0	--
Hemlock	8,932	571.89	8,932	571.89	0	--	0	--	0	--
Spruce	53	595.85	53	595.85	0	--	0	--	0	--
Other softwoods	5,941	682.43	5,919	681.22	0	--	0	--	0	--
All softwoods	330,069	745.14	329,834	745.26	0	--	0	--	0	--
All hardwoods	1,286	1,587.75	1,286	1,587.75	0	--	0	--	0	--
Portland:										
Douglas-fir	24,335	671.72	23,292	670.58	0	--	131	954.18	0	--
Port-Orford-cedar	55	3,209.41	29	3,137.28	0	--	0	--	26	3,288.82
Redcedar	30	3,737.49	30	3,737.49	0	--	0	--	0	--
Hemlock	598	606.49	598	606.49	0	--	0	--	0	--
Other softwoods	1,131	1,038.32	948	1,058.91	2	8,001.11	0	--	0	--
All softwoods	26,149	694.90	24,896	690.33	2	8,001.11	131	954.18	26	3,288.82
All hardwoods	1,525	1,738.31	1,013	1,785.52	13	2,470.20	79	1,621.5	166	2,071.57
Red alder	10	2,728.30	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	372,496	742.46	371,157	742.62	0	--	131	954.18	0	--
Port-Orford-cedar	469	2,789.73	431	2,821.66	0	--	0	--	26	3,288.82
Redcedar	683	2,434.14	627	2,605.12	0	--	0	--	0	--
Hemlock	9,549	574.11	9,549	574.11	0	--	0	--	0	--
Spruce	53	595.85	5	595.85	0	--	0	--	0	--
Other softwoods	7,095	742.91	6,880	736.84	2	8,001.11	0	--	0	--
All softwoods	390,345	743.75	388,698	743.67	2	8,001.11	131	954.18	26	3,288.82
All hardwoods	2,812	1,669.43	2,300	1,674.89	13	2,470.20	79	1,621.5	166	2,071.57
Red alder	10	2,728.30	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 35a—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, first quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	8,031	719.37	7,959	717.90	0	--	0	--	0	--
Port-Orford-cedar	166	3,880.84	166	3,880.84	0	--	0	--	0	--
Redcedar	435	1,515.18	435	1,515.18	0	--	0	--	0	--
All softwoods	8,631	820.13	8,560	819.61	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	71,513	739.61	71,346	740.04	0	--	0	--	0	--
Port-Orford-cedar	39	4,530.00	39	4,530.00	0	--	0	--	0	--
Hemlock	4,053	586.96	4,053	586.96	0	--	0	--	0	--
Spruce	50	583.87	50	583.87	0	--	0	--	0	--
Other softwoods	791	773.97	791	773.97	0	--	0	--	0	--
All softwoods	76,445	733.69	76,278	734.08	0	--	0	--	0	--
All hardwoods	604	1,535.96	604	1,535.96	0	--	0	--	0	--
Portland:										
Douglas-fir	4,292	542.28	3,873	542.29	0	--	0	--	0	--
Port-Orford-cedar	10	3,951.70	0	--	0	--	0	--	10	3,951.70
Hemlock	164	724.86	164	724.86	0	--	0	--	0	--
Other softwoods	464	724.85	346	684.41	0	--	0	--	0	--
All softwoods	4,931	572.73	4,384	560.35	0	--	0	--	10	3,951.70
All hardwoods	441	2,091.69	268	2,127.97	6	2,978.15	16	2,526.10	151	1,945.55
Total:										
Douglas-fir	83,836	727.57	83,178	728.72	0	--	0	--	0	--
Port-Orford-cedar	215	4,001.15	204	4,003.66	0	--	0	--	10	3,951.70
Redcedar	435	1,515.18	435	1,515.18	0	--	0	--	0	--
Hemlock	4,217	592.33	4,217	592.33	0	--	0	--	0	--
Spruce	50	583.87	50	583.87	0	--	0	--	0	--
Other softwoods	1,255	755.80	1,137	746.70	0	--	0	--	0	--
All softwoods	90,008	733.16	89,221	733.75	0	--	0	--	10	3,951.70
All hardwoods	1,045	1,770.61	871	1,717.90	6	2,978.15	16	2,526.10	151	1,945.55

Source: U.S. Department of Commerce.

**Table 35b—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, second quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	8,109	717.07	8,104	716.87	0	--	0	--	0	--
Port-Orford-cedar	37	1,908.42	37	1,908.42	0	--	0	--	0	--
Redcedar	56	506.57	0	--	0	--	0	--	0	--
Other softwoods	13	2,548.13	13	2,548.13	0	--	0	--	0	--
All softwoods	8,215	723.97	8,154	725.27	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	70,439	747.41	70,439	747.41	0	--	0	--	0	--
Hemlock	640	463.17	640	463.17	0	--	0	--	0	--
Spruce	4	764.44	4	764.44	0	--	0	--	0	--
Other softwoods	510	483.89	510	483.89	0	--	0	--	0	--
All softwoods	71,592	743.00	71,592	743.00	0	--	0	--	0	--
All hardwoods	596	1,704.37	596	1,704.37	0	--	0	--	0	--
Portland:										
Douglas-fir	5,095	813.58	4,892	810.99	0	--	77	811.05	0	--
Port-Orford-cedar	11	2,643.58	0	--	0	--	0	--	11	2,643.58
Other softwoods	362	1,215.20	360	1,181.91	2	8,001.11	0	--	0	--
All softwoods	5,468	843.78	5,252	836.42	2	8,001.11	77	811.05	11	2,643.58
All hardwoods	142	1,348.65	125	1,250.82	0	--	0	--	7	1,184.11
Red alder	10	2,728.30	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	83,643	748.50	83,435	748.17	0	--	77	811.05	0	--
Port-Orford-cedar	48	2,074.43	37	1,908.42	0	--	0	--	11	2,643.58
Redcedar	56	506.57	0	--	0	--	0	--	0	--
Hemlock	640	463.17	640	463.17	0	--	0	--	0	--
Spruce	4	764.44	4	764.44	0	--	0	--	0	--
Other softwoods	885	813.76	883	799.39	2	8,001.11	0	--	0	--
All softwoods	85,275	747.63	84,998	747.07	2	8,001.11	77	811.05	11	2,643.58
All hardwoods	738	1,636.07	721	1,625.93	0	--	0	--	7	1,184.11
Red alder	10	2,728.30	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 35c—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, third quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	9,653	714.47	9,653	714.47	0	--	0	--	0	--
Port-Orford-cedar	69	1,018.89	69	1,018.89	0	--	0	--	0	--
Hemlock	19	599.17	19	599.17	0	--	0	--	0	--
Other softwoods	10	879.75	0	--	0	--	0	--	0	--
All softwoods	9,750	716.56	9,741	716.39	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	79,662	774.29	79,662	774.29	0	--	0	--	0	--
Port-Orford-cedar	29	2,090.77	29	2,090.77	0	--	0	--	0	--
Hemlock	1,096	587.06	1,096	587.06	0	--	0	--	0	--
Other softwoods	2,659	807.94	2,637	806.27	0	--	0	--	0	--
All softwoods	83,445	773.35	83,423	773.29	0	--	0	--	0	--
Portland:										
Douglas-fir	14,872	659.07	14,477	655.65	0	--	54	1,158.64	0	--
Port-Orford-cedar	7	7,671.77	7	7,671.77	0	--	0	--	0	--
Redcedar	30	3,737.49	30	3,737.49	0	--	0	--	0	--
Hemlock	416	533.27	416	533.27	0	--	0	--	0	--
Other softwoods	165	1,287.09	155	1,276.45	0	--	0	--	0	--
All softwoods	15,490	671.36	15,084	667.87	0	--	54	1,158.64	0	--
All hardwoods	142	1,538.13	13	1,907.10	6	1,907.10	0	--	5	3,477.34
Total:										
Douglas-fir	104,187	752.30	103,792	752.18	0	--	54	1,158.64	0	--
Port-Orford-cedar	104	1,751.06	104	1,751.06	0	--	0	--	0	--
Redcedar	30	3,737.49	30	3,737.49	0	--	0	--	0	--
Hemlock	1,531	572.58	1,531	572.58	0	--	0	--	0	--
Other softwoods	2,834	836.11	2,792	832.33	0	--	0	--	0	--
All softwoods	108,685	753.72	108,248	753.48	0	--	54	1,158.64	0	--
All hardwoods	142	1,538.13	31	1,907.10	6	1,979.77	0	--	5	3,477.34

Source: U.S. Department of Commerce.

**Table 35d—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	7,293	714.66	7,288	711.93	0	--	0	--	0	--
Port-Orford-cedar	75	1,508.60	63	1,687.21	0	--	0	--	0	--
Redcedar	162	5,317.83	162	5,317.83	0	--	0	--	0	--
All softwoods	7,531	821.93	7,514	819.75	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	93,461	741.46	93,415	741.59	0	--	0	--	0	--
Hemlock	3,144	569.29	3,144	569.29	0	--	0	--	0	--
Other softwoods	1,981	528.59	1,981	528.59	0	--	0	--	0	--
All softwoods	98,586	731.69	98,541	731.81	0	--	0	--	0	--
All hardwoods	86	1,143.97	86	1,143.97	0	--	0	--	0	--
Portland:										
Douglas-fir	75	947.58	49	1,196.30	0	--	0	--	0	--
Port-Orford-cedar	27	2,026.53	22	1,731.59	0	--	0	--	5	3,308.87
Hemlock	18	1,223.10	18	1,223.10	0	--	0	--	0	--
Other softwoods	140	1,327.84	87	1,654.61	0	--	0	--	0	--
All softwoods	260	1,283.23	176	1,491.81	0	--	0	--	5	3,308.87
All hardwoods	800	1,648.17	589	1,736.63	0	--	63	1,393.85	3	8,893.90
Total:										
Douglas-fir	100,829	739.68	100,752	739.67	0	--	0	--	0	--
Port-Orford-cedar	103	1,645.60	85	1,698.68	0	--	0	--	5	3,308.87
Redcedar	162	5,317.83	162	5,317.83	0	--	0	--	0	--
Hemlock	3,162	572.98	3,162	572.98	0	--	0	--	0	--
Other softwoods	2,121	581.24	2,068	575.82	0	--	0	--	0	--
All softwoods	106,377	739.43	106,230	739.29	0	--	0	--	5	3,308.87
All hardwoods	887	1,599.08	676	1,660.93	0	--	63	1,393.85	3	8,893.90

Source: U.S. Department of Commerce.

**Table 36—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Eureka:										
Douglas-fir	7,362	708.70	7,362	708.70	0	--	0	--	0	--
Port-Orford-cedar	44	1,540.20	44	1,540.20	0	--	0	--	0	--
All softwoods	7,406	713.66	7,406	713.66	0	--	0	--	0	--
Oakland:										
Douglas-fir	653	474.99	0	--	0	--	0	--	0	--
Redcedar	445	1,161.75	445	1,161.75	0	--	0	--	0	--
Hemlock	160	375.89	0	--	0	--	0	--	0	--
Other softwoods	1,362	771.45	201	1,543.19	192	516.86	30	1,017.28	205	624.46
All softwoods	2,619	739.82	646	1,280.43	192	516.86	30	1,017.28	205	624.46
All hardwoods	5,798	1,842.11	647	2,601.63	38	1,460.79	60	1,991.02	16	897.37
Sacramento:										
Douglas-fir	1,840	754.82	1,840	754.82	0	--	0	--	0	--
Other softwoods	1,152	651.98	1,152	651.98	0	--	0	--	0	--
All softwoods	2,992	715.23	2,992	715.23	0	--	0	--	0	--
San Francisco:										
All hardwoods	25	2,301.97	0	--	0	--	0	--	0	--
Other: <sup>a</sup>										
Douglas-fir	2,290	1,119.64	2,290	1,119.64	0	--	0	--	0	--
Spruce	351	816.65	351	816.65	0	--	0	--	0	--
Other softwoods	200	465.95	0	--	148	466.07	0	--	25	465.43
All softwoods	2,841	1,036.15	2,641	1,079.33	148	466.07	0	--	25	465.43
Total:										
Douglas-fir	12,145	780.60	11,492	797.96	0	--	0	--	0	--
Port-Orford-cedar	44	1,540.20	44	1,540.20	0	--	0	--	0	--
Redcedar	445	1,161.75	445	1,161.75	0	--	0	--	0	--
Hemlock	511	679.00	351	816.65	0	--	0	--	0	--
Other softwoods	2,714	698.22	1,353	784.45	340	494.81	30	1,017.28	230	607.23
All softwoods	15,859	776.05	13,686	811.34	340	494.81	30	1,017.28	230	607.23
All hardwoods	5,823	1,844.06	647	2,601.63	38	1,460.79	60	1,991.02	16	897.37

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 37a—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, first quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Eureka:										
Douglas-fir	1,766	792.75	1,766	792.75	0	--	0	--	0	--
Oakland:										
Other softwoods	66	1,440.03	0	--	25	528.26	0	--	0	--
All hardwoods	1,052	2,830.74	237	2,540.81	0	--	2	7,205.58	0	--
Other:										
Douglas-fir	2,290	1,119.64	2,290	1,119.64	0	--	0	--	0	--
Hemlock	351	816.65	351	816.65	0	--	0	--	0	--
All softwoods	2,641	1,079.33	2,641	1,079.33	0	--	0	--	0	--
Sacramento:										
Douglas-fir	1,840	754.82	1,840	754.82	0	--	0	--	0	--
Other softwoods	1,152	651.98	1,152	651.98	0	--	0	--	0	--
All softwoods	2,992	715.23	2,992	715.23	0	--	0	--	0	--
San Francisco:										
All hardwoods	25	2,301.97	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	5,896	907.86	5,896	907.86	0	--	0	--	0	--
Hemlock	351	816.65	351	816.65	0	--	0	--	0	--
Other softwoods	1,218	694.82	1,152	651.98	25	528.26	0	--	0	--
All softwoods	7,465	868.81	7,399	863.69	25	528.26	0	--	0	--
All hardwoods	1,077	2,818.60	237	2,540.81	0	--	2	7,205.58	0	--

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 37b—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, second quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Eureka:										
Douglas-fir	497	588.90	497	588.90	0	--	0	--	0	--
Port-Orford-cedar	44	1,540.20	44	1,540.20	0	--	0	--	0	--
All softwoods	541	666.56	541	666.56	0	--	0	--	0	--
Oakland:										
Douglas-fir	92	474.80	0	--	0	--	0	--	0	--
Other softwoods	522	739.42	22	1,977.09	14	858.83	30	1,017.28	42	704.75
All softwoods	614	699.84	22	1,977.09	14	858.83	30	1,017.28	42	704.75
All hardwoods	1,375	1,796.91	86	3,565.89	17	2,154.13	6	1,179.99	0	--
Total:										
Douglas-fir	589	571.10	497	588.90	0	--	0	--	0	--
Port-Orford-cedar	44	1,540.20	44	1,540.00	0	--	0	--	0	--
Other softwoods	522	739.42	22	1,977.09	14	858.83	30	1,017.28	42	704.75
All softwoods	1,155	684.25	563	717.46	14	858.83	30	1,017.28	42	704.75
All hardwoods	1,375	1,796.91	86	3,565.89	17	2,154.13	6	1,179.99	0	--

Source: U.S. Department of Commerce.



**Table 37c—Volume and average value of log exports by port, species, and destination,  
San Francisco Customs District, third quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Eureka:										
Douglas-fir	3,885	666.37	3,885	666.37	0	--	0	--	0	--
Oakland:										
Douglas-fir	445	475.00	0	--	0	--	0	--	0	--
Redcedar	366	1,180.39	366	1,180.39	0	--	0	--	0	--
Other softwoods	7	846.97	0	--	7	846.97	0	--	0	--
All softwoods	818	793.52	366	1,180.39	7	846.97	0	--	0	--
All hardwoods	511	2,111.29	114	1,850.19	0	--	0	--	0	--
Total:										
Douglas-fir	4,331	646.69	3,885	666.37	0	--	0	--	0	--
Redcedar	366	1,180.39	366	1,180.39	0	--	0	--	0	--
Other softwoods	7	846.97	0	--	7	846.97	0	--	0	--
All softwoods	4,704	688.49	4,251	710.60	7	846.97	0	--	0	--
All hardwoods	511	2,111.29	114	1,850.19	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 37d—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, fourth quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Eureka:										
Douglas-fir	1,214	770.92	1,214	770.92	0	--	0	--	0	--
Oakland:										
Douglas-fir	115	475.11	0	--	0	--	0	--	0	--
Redcedar	79	1,075.93	79	1,075.93	0	--	0	--	0	--
Hemlock	160	375.89	0	--	0	--	0	--	0	--
Other softwoods	766	734.80	179	1,490.29	146	466.47	0	--	163	603.58
All softwoods	1,121	681.14	259	1,363.01	146	466.47	0	--	163	603.58
All hardwoods	2,860	1,452.11	210	2,681.75	21	897.46	52	1,846.40	16	897.37
Other:										
Other softwoods	200	465.95	0	--	148	466.07	0	--	25	465.43
Total:										
Douglas-fir	1,330	745.24	1,214	770.92	0	--	0	--	0	--
Redcedar	79	1,075.93	79	1,075.93	0	--	0	--	0	--
Hemlock	160	375.89	0	--	0	--	0	--	0	--
Other softwoods	966	679.17	179	1,490.29	294	466.27	0	--	188	585.23
All softwoods	2,535	707.16	1,473	874.93	294	466.27	0	--	188	585.23
All hardwoods	2,860	1,452.11	210	2,681.75	21	897.46	52	1,846.40	16	897.37

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 38—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	18,706	557.29	8,660	519.78	2,040	588.90	8,006	589.81	0	--
Spruce	81,821	605.87	49,140	638.86	991	679.50	24,803	603.90	4,403	250.27
Other	4,341	172.08	0	--	0	--	0	--	4,341	172.08
All softwoods	104,867	579.25	57,801	621.02	3,030	618.52	32,809	600.47	8,744	211.45
Dalton Cache:										
Hemlock	1,803	276.53	846	361.74	0	--	957	201.24	0	--
Spruce	524	331.95	466	350.55	0	--	57	180.85	0	--
All softwoods	2,326	289.00	1,312	357.76	0	--	1,015	200.09	0	--
Juneau:										
Redcedar	134	264.30	0	--	0	--	134	264.30	0	--
Hemlock	22,663	392.95	12,340	459.79	0	--	10,323	313.06	0	--
Spruce	16,786	579.87	16,226	590.32	0	--	560	276.88	0	--
Other	8	676.70	8	676.70	0	--	0	--	0	--
All softwoods	39,591	471.82	28,573	533.97	0	--	11,017	310.63	0	--
Ketchikan:										
Redcedar	15,039	799.41	6,451	713.84	0	--	144	697.86	7,034	883.48
Hemlock	29,166	417.83	23,088	470.13	0	--	1,153	297.76	4,241	167.89
Spruce	34,475	698.58	31,541	722.10	0	--	1,113	501.51	1,821	411.61
Other	15,231	707.64	12,644	797.76	0	--	0	--	2,257	228.85
All softwoods	93,910	629.00	73,724	655.44	0	--	2,410	415.72	15,352	533.63
Total:										
Redcedar	15,173	794.68	6,451	713.84	0	--	278	488.48	7,034	883.48
Hemlock	72,337	442.58	44,934	474.82	2,040	588.90	20,440	415.36	4,241	167.89
Spruce	133,605	625.45	97,374	656.35	991	679.50	26,533	591.79	6,224	297.46
Other	19,579	588.90	12,651	797.69	0	--	0	--	6,597	191.50
All softwoods	240,694	578.18	161,410	619.19	3,030	618.52	47,251	514.86	24,096	416.72

Source: U.S. Department of Commerce.

**Table 39a—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, first quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	1,423	548.69	1,423	548.69	0	--	0	--	0	--
Spruce	12,903	667.15	9,892	689.93	991	679.50	530	679.50	0	--
All softwoods	14,326	655.38	11,315	672.16	991	679.50	530	679.50	0	--
Dalton Cache:										
Hemlock	1,005	352.28	846	361.74	0	--	159	302.00	0	--
Spruce	466	350.55	466	350.55	0	--	0	--	0	--
All softwoods	1,471	351.74	1,312	357.76	0	--	159	302.00	0	--
Juneau:										
Hemlock	4,079	527.97	2,255	533.90	0	--	1,825	520.63	0	--
Spruce	4,111	751.42	4,111	751.42	0	--	0	--	0	--
All softwoods	8,190	640.12	6,365	674.37	0	--	1,825	520.63	0	--
Ketchikan:										
Redcedar	2,740	874.92	470	953.90	0	--	144	697.86	2,127	869.45
Hemlock	2,898	447.17	2,010	524.24	0	--	889	272.86	0	--
Spruce	5,116	627.61	2,740	769.37	0	--	781	514.12	1,595	439.60
Other softwoods	6,764	587.63	4,591	758.55	0	--	0	--	2,173	226.49
All softwoods	17,518	621.00	9,811	722.92	0	--	1,813	410.44	5,895	516.13
Total:										
Redcedar	2,740	874.92	470	953.90	0	--	144	697.86	2,127	869.45
Hemlock	9,406	487.44	6,534	511.87	0	--	2,872	431.88	0	--
Spruce	22,596	667.00	17,209	708.07	991	679.50	1,311	581.04	1,595	439.60
Other softwoods	6,764	587.63	4,591	758.55	0	--	0	--	2,173	226.49
All softwoods	41,506	627.10	28,803	675.62	991	679.50	4,327	485.91	5,895	516.13

Source: U.S. Department of Commerce.

**Table 39b—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, second quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	5,141	625.10	1,798	535.17	0	--	3,344	673.44	0	--
Spruce	18,316	618.14	13,588	701.92	0	--	4,728	377.36	0	--
Other softwoods	1,250	258.99	0	--	0	--	0	--	1,250	258.99
All softwoods	24,708	601.42	15,386	682.44	0	--	8,072	500.01	1,250	258.99
Dalton Cache:										
Hemlock	798	181.18	0	--	0	--	798	181.18	0	--
Spruce	57	180.85	0	--	0	--	57	180.85	0	--
All softwoods	856	181.16	0	--	0	--	856	181.16	0	--
Juneau:										
Hemlock	4,802	450.79	4,802	450.79	0	--	0	--	0	--
Spruce	3,025	544.16	3,025	544.16	0	--	0	--	0	--
All softwoods	7,827	486.88	7,827	486.88	0	--	0	--	0	--
Ketchikan:										
Redcedar	3,748	866.41	1,151	726.60	0	--	0	--	1,188	1,102.21
Hemlock	10,816	432.66	9,613	447.87	0	--	0	--	519	187.99
Spruce	11,430	789.37	11,430	789.37	0	--	0	--	0	--
Other softwoods	3,581	974.99	3,166	1,039.69	0	--	0	--	84	289.93
All softwoods	29,575	691.16	25,360	688.33	0	--	0	--	1,791	799.05
Total:										
Redcedar	3,748	866.41	1,151	726.60	0	--	0	--	1,188	1,102.21
Hemlock	21,557	473.28	16,212	458.41	0	--	4,142	578.57	519	187.99
Spruce	32,829	670.18	28,043	720.55	0	--	4,785	375.00	0	--
Other softwoods	4,831	789.72	3,166	1,039.69	0	--	0	--	1,334	260.93
All softwoods	62,965	623.62	48,573	654.01	0	--	8,927	469.45	3,041	577.06

Source: U.S. Department of Commerce.

**Table 39c—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, third quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	7,850	545.03	4,206	483.15	2,040	588.90	1,604	651.46	0	--
Spruce	27,411	533.80	15,704	529.13	0	--	7,303	714.79	4,403	250.28
Other softwoods	3,091	136.92	0	--	0	--	0	--	3,091	136.92
All softwoods	38,351	504.11	19,910	519.42	2,040	588.90	8,908	703.38	7,494	203.52
Juneau:										
Hemlock	4,552	304.99	1,660	422.42	0	--	2,892	237.60	0	--
Spruce	2,548	502.95	2,548	502.95	0	--	0	--	0	--
All softwoods	7,100	376.04	4,208	471.19	0	--	2,892	237.60	0	--
Ketchikan:										
Redcedar	5,135	783.74	1,907	712.20	0	--	0	--	3,228	825.99
Hemlock	6,654	303.74	2,933	479.69	0	--	0	--	3,721	165.08
Spruce	4,852	707.48	4,626	731.54	0	--	0	--	225	213.54
Other softwoods	411	817.26	411	817.26	0	--	0	--	0	--
All softwoods	17,052	575.55	9,877	656.60	0	--	0	--	7,175	463.98
Total:										
Redcedar	5,135	783.74	1,907	712.20	0	--	0	--	3,228	825.99
Hemlock	19,056	403.44	8,798	470.54	2,040	588.90	4,497	385.27	3,721	165.08
Spruce	34,810	555.75	22,879	567.14	0	--	7,303	714.79	4,629	248.48
Other softwoods	3,502	216.82	411	817.26	0	--	0	--	3,091	136.92
All softwoods	62,503	509.05	33,995	553.31	2,040	588.90	11,800	589.22	14,669	330.92

Source: U.S. Department of Commerce.

**Table 39d—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, fourth quarter 1998**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	4,291	501.34	1,234	588.90	0	--	3,058	466.02	0	--
Spruce	23,191	647.26	9,956	675.12	0	--	12,241	621.98	0	--
All softwoods	27,482	624.47	11,190	665.61	0	--	15,299	590.80	0	--
Juneau:										
Redcedar	134	264.30	0	--	0	--	134	264.30	0	--
Hemlock	9,230	346.57	3,624	442.71	0	--	5,606	284.43	0	--
Spruce	7,102	523.37	6,542	544.48	0	--	560	276.88	0	--
Other softwoods	8	676.70	8	676.70	0	--	0	--	0	--
All softwoods	16,474	422.28	10,174	508.32	0	--	6,300	283.33	0	--
Ketchikan:										
Redcedar	3,415	688.87	2,924	671.34	0	--	0	--	491	793.22
Hemlock	8,798	476.22	8,533	479.17	0	--	265	381.28	0	--
Spruce	13,077	643.68	12,744	648.16	0	--	333	471.94	0	--
Other softwoods	4,475	665.02	4,475	665.02	0	--	0	--	0	--
All softwoods	29,765	602.58	28,676	602.87	0	--	598	431.75	491	793.22
Total:										
Redcedar	3,550	672.81	2,924	671.34	0	--	134	264.30	491	793.22
Hemlock	22,319	427.43	13,390	479.41	0	--	8,929	349.49	0	--
Spruce	43,370	625.89	29,242	634.14	0	--	13,134	603.46	0	--
Other softwoods	4,483	665.04	4,483	665.04	0	--	0	--	0	--
All softwoods	73,720	570.45	50,039	597.68	0	--	22,197	499.25	491	793.22

Source: U.S. Department of Commerce.

**Table 40—Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES								
1987	15,714	774.94	2,121	683.11	82	552.67	2,172	836.66
1988	32,102	657.72	2,900	674.14	469	543.71	1,668	820.14
1989	36,719	833.74	4,600	829.78	65	261.54	4,435	1,712.06
1990	32,940	1,007.53	3,613	1,071.69	7	1,285.71	7,280	1,560.85
1991	95,879	385.09	6,005	979.35	0	--	4,932	1,607.66
1992	26,975	1,207.04	1,355	1,760.15	77	2,662.34	3,099	2,219.43
1993	31,684	1,439.43	3,060	1,750.65	31	483.87	4,087	2,379.74
1994	28,146	1,551.01	4,398	1,893.59	0	--	4,031	1,949.83
1995	27,396	1,661.52	2,923	1,468.01	21	1,409.05	3,151	2,464.61
1996	25,571	1,525.33	3,485	1,806.60	0	--	2,293	1,964.93
1997:								
1st quarter	10,223	1,585.97	633	1,863.36	0	--	657	2,523.94
2d quarter	10,341	1,661.86	796	1,786.86	0	--	752	2,635.50
3d quarter	2,098	1,368.41	57	2,259.00	0	--	288	5,753.26
4th quarter	4,013	1,687.65	586	1,934.39	0	--	1,764	1,888.87
1997 total	26,675	1,613.51	2,071	1,865.35	0	--	3,461	2,498.45
1998:								
1st quarter	6,600	1,640.87	1,045	1,770.61	0	--	1,077	2,818.60
2d quarter	4,092	1,536.48	738	1,636.07	0	--	1,375	1,796.88
3d quarter	839	1,221.06	86	2,098.08	0	--	511	2,111.44
4th quarter	2,000	1,481.35	887	1,599.09	0	--	2,860	1,452.11
1998 total	13,531	1,559.69	2,755	1,689.58	0	--	5,823	1,844.06
TO JAPAN								
1987	2,976	952.26	843	845.68	29	716.69	262	895.42
1988	13,084	566.19	1,832	704.69	31	903.23	1,367	821.51
1989	13,405	947.71	3,339	726.56	65	261.54	2,217	1,697.79
1990	15,417	1,107.35	2,064	1,466.57	7	1,285.71	2,867	1,566.45
1991	14,115	1,335.81	2,963	1,272.70	0	--	2,030	1,845.32
1992	13,844	1,341.52	651	1,668.20	0	--	1,418	2,423.84
1993	18,752	1,562.18	1,745	1,679.66	31	483.87	2,188	2,182.36
1994	15,036	1,632.88	2,114	1,719.96	0	--	1,452	1,925.88
1995	14,560	1,828.91	2,103	1,405.14	0	--	1,425	2,289.12
1996	14,738	1,738.16	1,343	1,905.80	0	--	898	2,564.42
1997:								
1st quarter	6,857	1,667.60	96	2,041.10	0	--	187	2,831.25
2d quarter	6,699	1,680.31	374	1,791.68	0	--	244	3,732.05
3d quarter	544	1,928.92	41	1,631.07	0	--	108	764.62
4th quarter	1,577	2,045.72	435	1,901.41	0	--	1,047	1,051.27
1997 total	15,677	1,720.14	946	1,859.67	0	--	1,586	1,654.05
1998:								
1st quarter	4,443	1,815.77	871	1,717.90	0	--	237	2,540.76
2d quarter	3,087	1,600.43	721	1,625.93	0	--	86	3,569.73
3d quarter	235	1,516.30	31	1,906.89	0	--	114	1,850.14
4th quarter	578	1,769.31	676	1,660.92	0	--	210	2,681.80
1998 total	8,342	1,726.32	2,300	1,674.89	0	--	647	2,601.62
TO PEOPLE'S REPUBLIC OF CHINA								
1987	0	--	1,000	390.00	0	--	0	--
1988	0	--	0	--	0	--	0	--
1989	6	1,500.00	0	--	0	--	0	--
1990	8	1,375.00	0	--	0	--	0	--
1991	4	2,000.00	0	--	0	--	0	--
1992	612	351.31	0	--	0	--	0	--
1993	536	507.46	8	2,000.00	0	--	67	3,000.00
1994	172	1,358.42	83	1,397.59	0	--	141	1,769.54
1995	432	1,983.80	15	2,266.67	0	--	16	3,187.50
1996	311	1,979.05	14	1,223.02	0	--	8	2,080.78
1997:								
1st quarter	70	1,829.15	0	--	0	--	0	--
2d quarter	45	1,176.99	0	--	0	--	0	--
3d quarter	30	1,342.80	0	--	0	--	0	--
4th quarter	19	2,969.02	0	--	0	--	4	3,187.75
1997 total	164	1,697.01	0	--	0	--	4	3,187.75
1998:								
1st quarter	202	1,278.71	6	2,978.64	0	--	0	--
2d quarter	108	1,219.22	0	--	0	--	17	2,153.95
3d quarter	0	--	6	1,980.31	0	--	0	--
4th quarter	114	1,151.35	0	--	0	--	21	897.55
1998 total	425	1,229.30	13	2,470.75	0	--	38	1,460.82

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) including inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter.



**Table 41—Volume and average value of alder log exports from the Seattle Customs District, 1990-98**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	Destination							
	All countries		Japan		South Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1990	6,347	411.22	2,202	550.86	2,689	315.36	1,382	340.09
1991	6,174	421.45	2,072	663.61	3,505	249.93	507	477.32
1992	3,237	472.66	824	447.82	1,345	446.10	357	627.45
1993	4,529	532.38	1,442	442.39	2,330	516.26	19	2,000.00
1994	4,116	1,480.08	1,014	1,483.39	1,035	622.22	1,084	1,278.60
1995	1,525	523.28	545	491.74	957	517.24	16	893.43
1996	921	453.01	397	234.05	467	571.33	33	1,057.08
1997:								
1st quarter	515	590.78	190	394.74	285	658.66	39	1,051.28
2d quarter	427	733.14	0	--	405	723.31	22	915.33
3d quarter	4	1,100.00	0	--	0	--	4	1,100.00
4th quarter	48	918.42	0	--	31	707.68	17	1,302.71
1997 total	994	669.00	190	394.74	721	697.04	82	1,066.13
1998:								
1st quarter	82	1,011.35	0	--	24	674.50	58	1,150.19
2d quarter	21	831.71	0	--	6	656.52	16	893.43
3d quarter	41	591.11	0	--	32	553.03	9	730.12
4th quarter	20	941.73	11	554.53	8	529.11	1	7,650.00
1998 total	164	874.23	11	554.53	69	600.38	83	1,143.20

Source: U.S. Department of Commerce.

**Table 42—Volume and average value of log exports from southern California ports by species, 1987-98**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	Total		Douglas-fir		Other softwoods		Hardwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	7,542	602.76	1,480	381.08	2,554	386.45	3,508	853.76
1988	14,442	675.05	781	432.78	3,907	317.64	9,754	837.50
1989	13,546	929.65	240	504.17	4,262	540.59	9,044	1,138.01
1990	13,434	1,230.83	36	444.44	4,322	576.35	9,076	1,545.61
1991	7,683	1,146.04	204	539.22	2,834	689.49	4,645	1,451.24
1992	9,874	1,289.95	82	548.78	3,809	651.09	5,983	1,706.84
1993	7,044	1,523.00	370	775.68	2,326	702.06	4,348	1,959.75
1994	12,983	1,080.80	548	666.06	7,497	674.27	4,938	1,744.03
1995	12,802	1,287.06	25	560.00	7,943	869.57	4,834	1,976.83
1996	11,697	1,309.65	67	1,859.91	5,013	746.79	6,617	1,730.54
1997:								
1st quarter	3,636	1,336.45	10	500.00	2,174	888.10	1,451	2,013.88
2d quarter	3,770	1,157.10	24	457.19	2,228	721.57	1,517	1,807.91
3d quarter	3,421	1,382.57	58	518.22	1,501	849.53	1,862	1,839.07
4th quarter	4,486	1,459.49	10	464.60	2,323	949.46	2,154	2,014.03
1997 total	15,314	1,342.39	102	502.02	8,226	853.29	6,985	1,930.85
1998:								
1st quarter	3,805	1,414.15	176	1,331.86	1,905	1,008.64	1,725	1,870.38
2d quarter	4,102	1,240.30	279	907.52	2,611	925.96	1,213	1,993.31
3d quarter	3,022	1,151.25	337	675.94	1,960	964.09	726	1,876.99
4th quarter	4,927	1,388.49	340	518.17	2,593	1,085.95	1,994	1,930.12
1998 total	15,857	1,311.09	1,131	787.40	9,068	997.31	5,658	1,918.64

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions that may have been made after this time are not shown. Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

**Table 43—Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1987-98<sup>a</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	All species		Douglas-fir		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value
1987	98	255.10	27	241.78	71	259.59
1988	78	410.26	50	460.00	28	321.43
1989	688	375.00	55	400.00	633	372.83
1990	219	342.47	115	460.87	104	211.54
1991	759	270.09	586	247.44	173	346.82
1992	1,093	239.71	353	226.63	740	245.95
1993	3,313	269.54	1,992	258.53	1,321	286.15
1994	1,502	327.56	728	376.37	774	281.65
1995	5,757	402.85	1,410	471.63	4,347	380.54
1996	2,876	354.99	636	393.37	2,241	344.10
1997						
1st quarter	340	461.52	140	313.39	200	565.00
2d quarter	675	435.37	160	542.87	515	401.93
3d quarter	191	407.26	0	--	191	407.26
4th quarter	602	312.37	0	--	602	312.37
1997 total and average value	1,808	396.35	300	435.14	1,508	388.63
1998:						
1st quarter	712	381.84	83	410.59	629	378.02
2d quarter	765	512.84	459	525.50	306	493.87
3d quarter	191	540.57	9	762.89	182	529.25
4th quarter	361	441.01	91	489.94	270	424.58
1998 total and average value	2,030	456.72	642	508.98	1,387	432.53

<sup>a</sup> Great Falls Customs District includes all ports in Montana and Idaho.

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 44—Volume of log exports from British Columbia ports by species and destination, 1988-98**

(In thousand board feet, British Columbia log scale)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1988	624,967	6,711	392,428	9,845	111,038	80,817	24,128
1989	429,514	4,260	273,068	6,821	57,572	72,053	15,740
1990	177,528	4,592	104,437	4,194	39,934	17,307	7,064
1991	169,470	1,391	117,638	2,009	41,082	5,496	1,854
1992	252,058	8,319	173,805	4,403	54,292	8,673	2,566
1993	226,783	1,251	142,592	5,414	42,492	30,829	4,206
1994	162,208	331	91,634	2,340	28,411	36,225	3,267
1995	135,055	331	47,969	4,062	5,872	74,084	2,737
1996	68,810	4,640	21,430	3,910	2,520	35,030	1,280
1997	41,832	11,236	19,868	1,457	88	6,799	1,589
1998	192,450	44,238	123,355	4,790	3,620	11,236	5,210
TO JAPAN							
1988	419,249	2,649	287,439	4,923	82,759	34,150	7,329
1989	257,020	1,987	185,541	5,320	49,360	11,523	3,289
1990	157,616	2,053	99,205	3,775	38,896	13,046	640
1991	154,879	662	109,735	1,413	39,161	3,709	199
1992	203,518	5,996	142,566	2,920	50,509	664	863
1993	121,997	569	86,049	3,092	31,567	450	270
1994	73,819	0	52,759	1,104	19,536	331	0
1995	29,493	155	24,614	530	3,951	243	0
1996	11,040	1,410	7,750	1,300	400	130	40
1997	10,464	309	8,631	1,192	0	309	22
1998	92,274	861	83,068	4,106	1,060	0	3,179
TO UNITED STATES							
1988	154,658	3,289	52,031	4,702	20,684	70,464	3,488
1989	121,744	1,854	60,927	1,347	7,263	49,978	375
1990	8,389	2,517	1,258	177	706	3,687	44
1991	5,916	508	1,921	331	971	1,656	530
1992	37,345	2,124	23,230	996	3,473	7,412	111
1993	84,506	655	47,117	1,178	7,510	27,037	1,008
1994	77,307	265	28,653	1,236	8,168	35,828	3,157
1995	94,835	22	15,607	1,126	1,656	73,841	2,583
1996	52,650	3,220	10,260	1,280	2,050	34,830	990
1997	22,296	3,267	10,000	265	817	6,424	1,523
1998	93,775	43,355	34,172	486	2,560	11,236	1,965
TO PEOPLE'S REPUBLIC OF CHINA							
1988	60,927	684	34,172	0	1,700	14,945	9,426
1989	18,631	0	10,596	0	0	5,519	2,517
1990	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0
1997	66	0	0	0	0	66	0
1998	0	0	0	0	0	0	0

Source: Statistics Canada, Vancouver, B.C., "Canadian Exports Cleared Through B.C. Custom Ports," and Council of Forestry Industries of British Columbia, "B.C. Forest Industry Statistical Tables."

**Table 45—Average value of log exports from British Columbia ports by species and destination, 1988-98**

(In dollars per thousand board feet, Canadian dollars)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1988	504.35	NA	NA	NA	NA	NA	219.70
1989	455.63	NA	NA	NA	NA	NA	338.67
1990	671.44	NA	NA	NA	NA	NA	NA
1991	643.77	NA	NA	NA	NA	NA	NA
1992	710.15	NA	NA	NA	NA	NA	NA
1993	738.99	917.62	733.79	1,520.09	1,010.97	295.09	362.36
1994	880.35	NA	NA	NA	NA	NA	NA
1995	927.03	NA	NA	NA	NA	NA	NA
1996	1,275.98	NA	NA	NA	NA	NA	NA
1997	1,950.66	NA	NA	NA	NA	NA	NA
1998	899.97	NA	NA	NA	NA	NA	NA
TO JAPAN							
1988	531.90	NA	NA	NA	NA	NA	245.97
1989	521.36	NA	NA	NA	NA	NA	382.16
1990	555.78	NA	NA	NA	NA	NA	NA
1991	484.25	NA	NA	NA	NA	NA	NA
1992	612.23	NA	NA	NA	NA	NA	NA
1993	920.46	970.40	845.95	1,891.57	1,035.64	684.64	366.35
1994	838.54	NA	NA	NA	NA	NA	NA
1995	1,027.36	NA	NA	NA	NA	NA	NA
1996	1,440.22	NA	NA	NA	NA	NA	NA
1997	1,318.81	NA	NA	NA	NA	NA	NA
1998	792.21	NA	NA	NA	NA	NA	NA
TO UNITED STATES							
1988	404.76	NA	NA	NA	NA	NA	188.55
1989	395.09	NA	NA	NA	NA	NA	164.34
1990	3,230.42	NA	NA	NA	NA	NA	NA
1991	4,969.57	NA	NA	NA	NA	NA	NA
1992	1,293.35	NA	NA	NA	NA	NA	NA
1993	556.16	808.73	591.46	1,321.05	1,150.62	294.54	436.44
1994	984.39	NA	NA	NA	NA	NA	NA
1995	937.42	NA	NA	NA	NA	NA	NA
1996	1,302.94	NA	NA	NA	NA	NA	NA
1997	2,996.05	NA	NA	NA	NA	NA	NA
1998	1,054.65	NA	NA	NA	NA	NA	NA
TO PEOPLE'S REPUBLIC OF CHINA							
1988	NA	NA	NA	NA	NA	NA	190.01
1989	NA	NA	NA	NA	NA	NA	195.32
1990	--	--	--	--	--	--	--
1991	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--
1993	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--
1995	--	--	--	--	--	--	--
1996	--	--	--	--	--	--	--
1997	1,515.15	--	--	--	--	1,515.15	--
1998	--	--	--	--	--	--	--

NA = not available.

Source: Statistics Canada, Vancouver, B.C., "Canadian Exports Cleared Through B.C. Custom Ports."

**Table 46—Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1987-98**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

Year and quarter	Volume	Average value
1987	52,188	244.51
1988	40,522	300.31
1989	5,797	470.59
1990	8,142	323.38
1991	2,581	595.51
1992	27,368	507.49
1993	69,856	441.65
1994	35,939	665.46
1995	12,999	1,469.27
1996	18,326	845.30
1997:		
1st quarter	3,309	1,130.54
2d quarter	8,298	701.75
3d quarter	2,519	804.60
4th quarter	2,557	544.62
1997 total and average value	16,683	803.22
1998:		
1st quarter	17,126	384.85
2d quarter	16,481	433.93
3d quarter	25,172	400.29
4th quarter	20,145	344.85
1998 total and average value	78,925	389.81

Source: U.S. Department of Commerce. Value is declared value at port of entry. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 47—Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1987-98**

Year and quarter	Chipped pulpwood		Roundwood pulpwood	
	Volume	Average value	Volume	Average value
	<i>Short tons<sup>a</sup></i>	<i>Dollars</i>	<i>Cords<sup>b</sup></i>	<i>Dollars</i>
1987	465,858	29.88	8,320	146.34
1988	809,747	40.12	20,899	133.88
1989	753,239	33.75	26,030	76.14
1990	682,264	30.18	1,091	69.54
1991	630,798	33.19	889	73.45
1992	501,228	31.25	3,933	82.32
1993	262,011	39.72	25,460	101.13
1994	140,111	38.06	37,649	107.95
1995	370,585	56.74	6,878	199.73
1996	487,095	57.39	3,108	160.56
1997:				
1st quarter	104,976	63.73	0	0
2d quarter	140,976	64.08	0	0
3d quarter	123,541	62.54	0	0
4th quarter	143,315	63.79	66	142.48
1997 total and average value	512,808	63.56	66	142.48
1998:				
1st quarter	169,191	54.73	6,264	83.56
2d quarter	133,978	64.13	0	--
3d quarter	35,133	79.14	2,259	229.37
4th quarter	42,958	73.17	0	--
1998 total and average value	381,260	62.36	8,523	122.21

<sup>a</sup> Dry-weight basis.

<sup>b</sup> Green-weight basis.

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 48—Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98**

(Volume in thousand short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO ALL COUNTRIES								
1987	147.6	460.2	10.8	94.1	253.1	26.7	2.7	324.6
1988	199.1	508.8	14.6	100.5	275.4	30.6	1.4	366.0
1989	166.4	635.8	1.4	136.0	280.7	22.0	0.9	372.7
1990	136.9	409.9	0.3	131.8	274.7	43.8	0.4	356.4
1991	120.6	424.9	4.3	174.5	276.3	17.1	10.2	353.9
1992	116.8	328.7	17.8	174.0	286.7	20.5	1.4	364.2
1993	81.5	297.8	15.4	96.1	209.3	5.2	0.5	134.6
1994	98.2	356.8	13.3	111.7	178.1	0	1.4	148.8
1995	144.1	656.0	4	147.7	139.5	0	16.7	172.7
1996	113.5	444.2	11.8	146.2	124.5	.1	.1	199.5
1997:								
1st quarter	27.7	R80.4	1.3	R33.5	32.5	0	.6	R58.4
2d quarter	15.4	R102.9	3.3	31.6	17.3	0	0	R50.9
3d quarter	11.6	110.8	2.6	31.8	0	0	0	53.7
4th quarter	15.0	85.4	.1	23.6	0	0	0	31.6
1997 total	69.7	379.5	7.4	120.4	49.8	0	0.6	194.7
1998:								
1st quarter	17.8	68.4	.1	25.5	0	0	0	43.2
2d quarter	12.8	61.3	.5	22.7	0	0	.1	38.1
3d quarter	10.6	50.5	.4	16.8	0	0	.1	38.2
4th quarter	18.1	67.2	.2	13.4	0	.1	1.3	33.2
1998 total	59.3	247.4	1.1	78.4	.0	.1	1.5	152.6
TO JAPAN								
1987	48.1	60.2	10.8	35.0	105.1	8.9	2.2	124.0
1988	54.5	71.9	14.8	44.5	119.7	15.6	1.1	169.0
1989	45.1	113.4	0	59.1	111.2	9.6	0.1	173.9
1990	49.0	77.5	0.1	58.4	92.5	18.6	0.4	154.2
1991	46.7	103.6	0.5	55.4	100.1	8.3	8.9	144.2
1992	44.1	56.1	7.9	79.5	91.4	10.5	1.1	170.4
1993	36.2	59.4	9.4	50.9	96.2	5.2	.4	83.9
1994	40.8	92.0	12.2	46.2	25.4	0	1.3	8.3
1995	63.9	170.4	4	46.7	28.0	0	16.3	3.2
1996	43.6	91.2	.8	43.3	14.2	0	.1	29.4
1997:								
1st quarter	10.5	12.2	.1	R11.3	4	0	.1	R2.6
2d quarter	10.0	16.6	.2	15.6	6.8	0	0	R1.8
3d quarter	7.5	15.8	a	10.8	0	0	0	1.2
4th quarter	9.6	18.0	a	7.3	0	0	0	2
1997 total	37.7	62.6	0.3	45	10.8	0	.1	7.6
1998:								
1st quarter	9.4	15.7	0	9.2	0	0	0	2.2
2d quarter	5.6	13.2	.1	.9	0	0	0	1.1
3d quarter	7.1	13.0	0	.5	0	0	0	.9
4th quarter	9.0	11.3	0	.6	0	0	1.3	1.3
1998 total	31.0	53.2	.1	11.3	0	0	1.3	5.6



**Table 48—Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98 (continued)**

(Volume in thousand short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO SOUTH KOREA								
1987	19.4	91.6	0	2.7	0	2.5	0	36.2
1988	22.2	112.6	0	0.3	0	6.8	0	44.9
1989	17.8	143.0	0	3.1	0	9.4	0	58.3
1990	9.0	110.0	0	15.8	0	13.2	0	72.9
1991	3.3	122.1	0	16.1	0	4.2	0	61.4
1992	1.1	118.0	0	2.5	0	0	0	92.1
1993	.8	91.1	0	1.1	0	0	0	24.4
1994	.3	86.3	0	0.9	0	0	0	46.4
1995	.5	202.9	0	3.3	0	0	0	40.3
1996	9.5	71.7	0	2.6	0	0	0	54.7
1997:								
1st quarter	0	9.5	0	R.6	0	0	0	10.4
2d quarter	0	22.0	0	R1.0	0	0	0	15.0
3d quarter	0	20.5	0	3.3	0	0	0	18.7
4th quarter	0	15.6	0	2.8	0	0	0	9.8
1997 total	0	67.6	0	7.7	0	0	0	53.9
1998:								
1st quarter	0	10.6	0	1.9	0	0	0	16.2
2d quarter	0	8.0	0	.4	0	0	.0	11.4
3d quarter	0	4.2	0	0	0	0	0	13.7
4th quarter	0	9.2	0	.3	0	0	0	24.1
1998 total	0	32.0	0	2.6	0	0	0	65.5
TO WESTERN EUROPE								
1987	62.3	69.4	0	45.1	7.9	0	0	69.0
1988	88.6	54.0	0	45.4	10.2	0	0	88.8
1989	63.1	86.9	1.4	70.0	10.6	.9	.1	81.1
1990	52.9	54.8	.2	44.0	10.2	1.3	.1	90.8
1991	48.1	61.1	2.6	80.5	11.7	0	.5	88.8
1992	48.0	36.1	4.4	49.4	42.6	4.9	0	63.2
1993	28.0	34.2	.7	23.0	22.4	0	.1	19.5
1994	26.2	27.9	.9	31.9	25.1	0	.1	44.4
1995	29.1	9.0	0	66.1	17.8	0	0	65.7
1996	12.3	70.7	.1	57.6	14.6	0	0	.2
1997:								
1st quarter	4.7	4.4	0	R18.7	5	0	0	0
2d quarter	2.7	11.6	2.6	14.4	0	0	0	0
3d quarter	1.2	33.2	2.6	17.6	0	0	0	.2
4th quarter	2.8	11.1	.1	12.6	0	0	0	.1
1997 total	11.4	60.3	5.2	63.2	5	0	0	.4
1998:								
1st quarter	8.3	3.2	.1	14.1	0	0	0	.4
2d quarter	6.8	4.5	.4	19.2	0	0	0	1.4
3d quarter	2.4	.5	.4	13.2	0	0	0	.6
4th quarter	7.1	2.5	.2	7.4	0	0	0	.2
1998 total	24.7	10.7	1.0	53.9	0	0	0	2.5

R = revised.

<sup>a</sup> Volume less than 0.1 short tons.

Note: Columns may not add to totals because of rounding.

Source: U.S. Department of Commerce.

**Table 49—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98**

(Value in dollars per short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO ALL COUNTRIES								
1987	525.85	409.04	529.85	434.83	469.22	461.69	456.14	503.33
1988	551.84	459.21	640.72	522.56	605.36	516.46	574.69	603.67
1989	606.47	460.30	485.10	597.16	732.16	631.30	501.55	681.14
1990	691.59	503.66	797.78	573.57	624.88	458.11	785.00	581.64
1991	737.85	425.42	629.54	448.73	557.12	410.41	766.86	443.70
1992	655.23	404.04	584.13	397.98	539.74	422.99	592.67	419.26
1993	698.80	337.81	687.51	394.44	528.08	390.08	685.34	337.42
1994	687.36	368.04	699.02	459.05	560.60	--	812.37	511.52
1995	661.79	349.68	758.00	511.25	878.25	--	362.16	748.76
1996	775.47	316.55	297.67	392.90	658.99	545.45	304.35	394.21
1997:								
1st quarter	813.51	345.54	551.86	322.95	558.97	--	387.41	R344.79
2d quarter	854.43	307.74	418.57	322.62	542.04	--	--	R360.05
3d quarter	852.01	273.65	461.19	291.27	--	--	--	396.57
4th quarter	888.55	340.27	826.55	332.55	--	--	--	403.51
1997 average	844.99	313.12	463.12	316.38	553.09	--	387.41	372.60
1998:								
1st quarter	829.85	330.38	887.27	367.14	--	--	--	329.34
2d quarter	808.02	309.63	803.28	282.20	--	--	545.95	365.79
3d quarter	827.18	353.89	788.69	350.05	--	--	352.94	331.65
4th quarter	727.66	326.88	790.53	339.84	--	359.68	875.54	333.13
1998 average	793.50	329.09	795.71	334.25	--	359.68	839.89	339.84
TO JAPAN								
1987	534.00	474.94	529.85	441.44	480.87	467.52	469.04	505.16
1988	595.19	561.95	640.80	521.46	590.48	462.40	590.07	607.50
1989	638.65	517.82	--	662.67	741.49	665.72	766.28	702.32
1990	763.51	591.60	960.00	537.55	671.57	490.81	801.62	598.37
1991	786.10	481.83	859.49	444.95	614.33	459.76	761.80	452.87
1992	733.27	457.02	628.99	413.12	589.78	444.60	732.71	417.85
1993	702.28	406.16	666.17	392.76	578.17	390.08	715.01	341.19
1994	701.75	413.28	701.24	482.80	557.17	--	824.24	447.33
1995	588.90	402.95	758.00	510.88	718.39	--	361.04	636.25
1996	957.53	381.05	722.01	380.34	711.24	--	455.88	429.97
1997:								
1st quarter	860.46	329.23	405.19	331.25	620.90	--	537.18	463.18
2d quarter	876.89	347.65	857.14	314.17	537.82	--	--	480.03
3d quarter	826.58	354.08	a	285.34	--	--	--	544.43
4th quarter	899.69	371.76	a	330.94	--	--	--	565.12
1997 average	868.04	352.66	775.77	314.29	568.61	--	537.18	506.26
1998:								
1st quarter	878.43	376.81	--	321.36	--	--	--	510.23
2d quarter	835.71	356.35	868.22	358.34	--	--	--	543.37
3d quarter	874.59	377.47	--	386.02	--	--	--	562.73
4th quarter	876.11	345.64	--	358.08	--	--	883.70	437.93
1998 average	869.23	365.27	868.22	330.83	--	--	883.70	508.56

**Table 49—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98 (continued)**

(Value in dollars per short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO SOUTH KOREA								
1987	491.95	436.80	--	367.08	--	462.12	--	502.21
1988	588.99	471.83	--	555.22	--	558.07	380.95	622.67
1989	674.04	442.78	--	591.87	--	611.10	--	649.82
1990	718.22	426.73	--	474.81	--	444.77	--	534.47
1991	641.21	340.32	--	376.65	--	350.00	--	425.72
1992	584.94	342.51	--	405.45	--	--	--	414.92
1993	594.39	267.50	--	321.59	--	--	--	300.87
1994	765.22	335.31	--	385.81	--	--	--	473.57
1995	512.00	271.50	--	641.82	--	--	--	687.97
1996	454.01	306.77	--	492.39	--	--	--	402.83
1997:								
1st quarter	--	287.06	--	336.58	--	--	--	366.49
2d quarter	--	274.71	--	232.60	--	--	--	372.92
3d quarter	--	278.61	--	252.53	--	--	--	408.87
4th quarter	--	276.72	--	315.00	--	--	--	415.79
1997 average	--	278.08	--	278.98	--	--	--	391.95
1998:								
1st quarter	--	278.28	--	373.63	--	--	--	336.45
2d quarter	--	299.02	--	367.79	--	--	--	378.00
3d quarter	--	392.00	--	--	--	--	--	334.00
4th quarter	--	320.15	--	338.01	--	--	--	324.89
1998 average	--	310.44	--	367.98	--	--	--	338.92
TO WESTERN EUROPE								
1987	526.01	448.10	--	436.02	470.74	--	--	517.13
1988	505.93	528.66	590.91	547.15	567.33	--	--	589.47
1989	517.24	618.08	479.44	549.09	729.24	359.46	773.56	715.89
1990	626.75	614.01	808.00	639.75	671.18	246.92	453.72	627.00
1991	708.69	451.95	677.69	463.98	564.27	--	705.91	463.42
1992	624.81	446.01	619.92	425.42	549.95	351.65	--	462.36
1993	684.26	316.90	727.25	372.36	544.36	--	655.06	356.55
1994	719.55	358.52	742.16	434.84	555.80	--	754.72	555.78
1995	673.37	445.11	--	503.86	848.43	--	--	809.50
1996	867.85	147.54	882.35	377.14	747.94	--	--	437.50
1997:								
1st quarter	827.81	468.29	--	328.86	611.79	--	--	--
2d quarter	793.31	192.90	391.86	336.12	--	--	--	--
3d quarter	795.53	117.59	452.89	273.70	--	--	--	452.80
4th quarter	778.96	346.90	432.13	303.38	--	--	--	418.89
1997 average	804.32	175.76	427.85	302.64	611.79	--	--	439.13
1998:								
1st quarter	778.49	438.78	884.59	398.19	--	--	--	402.23
2d quarter	791.70	129.21	788.43	256.85	--	--	--	395.84
3d quarter	800.99	468.42	788.69	372.23	--	--	--	384.09
4th quarter	618.35	486.85	790.53	362.87	--	--	--	371.92
1998 average	738.00	321.53	789.59	336.68	--	--	--	392.51g

Source: U.S. Department of Commerce.

**Table 50—Volume and average value of all chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1987-98**

(In short tons, on a dry-weight basis; value in dollars per short ton)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		San Francisco Customs District		Anchorage Customs District	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	464,426	79.06	1,852,920	72.75	208,247	75.49	252	45.52
1988	681,811	89.24	2,015,988	78.06	282,497	82.43	11,505	48.67
1989	800,563	85.20	2,252,282	96.73	339,158	87.28	85,866	42.16
1990	744,397	95.51	2,081,199	95.84	412,625	98.42	28,283	75.38
1991	681,161	103.10	2,141,958	104.73	462,808	101.21	101,397	78.01
1992	583,141	101.28	1,766,502	106.84	357,731	99.21	15,509	21.73
1993	588,564	95.63	1,544,904	104.28	330,890	99.08	56,289	110.13
1994	755,872	75.78	1,563,772	102.46	385,082	93.20	73,503	108.43
1995	542,694	113.24	1,329,590	130.04	322,454	118.58	146,277	137.38
1996	589,989	95.97	1,230,966	108.51	314,280	109.65	199,862	83.79
1997:								
1st quarter	159,662	72.32	277,599	91.61	93,391	103.98	21,149	66.95
2d quarter	211,179	66.08	318,235	92.08	102,014	98.64	14,230	62.75
3d quarter	149,230	74.25	324,056	87.72	122,235	94.27	28,359	76.77
4th quarter	91,817	83.28	327,202	87.10	53,914	92.81	41,915	74.71
1997 total and average value	611,888	72.28	1,247,092	89.54	371,554	97.71	105,653	72.10
1998:								
1st quarter	124,195	80.58	329,524	89.88	88,017	96.16	38,389	70.17
2d quarter	235,988	63.13	232,912	106.31	56,185	99.26	24,628	75.76
3d quarter	210,971	58.93	321,613	92.23	65,754	91.52	44,819	80.01
4th quarter	264,440	55.57	192,738	104.63	45,590	93.41	38,000	68.87
1998 total and average value	835,594	62.27	1,076,786	96.78	255,546	95.16	145,837	73.80

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Seattle Customs District includes all ports in the State of Washington, except Longview and Vancouver. Columbia-Snake Customs District includes all Oregon ports and Longview and Vancouver, Washington. San Francisco Customs District includes all coastal and inland ports in the State of California from Monterey north. The Anchorage Customs District is the State of Alaska.

**Table 51—Volume and average value of softwood chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1989-98**

(In short tons, on a dry-weight basis; value in dollars per short ton)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		San Francisco Customs District		Anchorage Customs District	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1989	472,732	86.02	1,647,689	99.51	168,687	79.73	85,866	42.16
1990	448,817	94.51	1,843,260	96.46	303,620	96.04	28,283	75.38
1991	291,244	102.22	1,574,485	104.71	353,514	99.24	101,397	78.01
1992	191,857	100.06	1,272,841	107.30	287,503	97.42	15,509	21.73
1993	208,412	88.23	1,294,802	103.54	239,555	96.90	56,289	110.13
1994	445,660	61.59	1,212,257	101.23	240,292	88.97	73,503	108.43
1995	297,603	93.21	969,666	128.72	175,912	109.13	146,277	137.38
1996	248,359	70.85	991,793	107.03	165,931	109.83	199,862	83.79
1997:								
1st quarter	92,628	53.46	231,057	87.35	31,310	94.54	21,149	66.95
2d quarter	140,473	45.94	243,244	89.89	49,978	92.79	14,230	62.75
3d quarter	82,484	67.86	267,123	83.31	60,642	81.04	28,355	76.34
4th quarter	23,524	68.19	292,020	84.28	29,918	82.80	40,813	75.47
1997 total and average value	339,109	54.87	1,033,444	85.84	171,848	86.96	104,547	72.25
1998:								
1st quarter	54,206	53.81	256,889	83.72	43,623	87.04	38,389	70.17
2d quarter	109,553	46.20	199,615	105.56	32,558	95.00	24,628	75.76
3d quarter	149,774	37.02	270,568	89.53	42,759	86.46	44,819	80.01
4th quarter	150,920	46.34	170,025	103.52	16,705	80.99	18,344	57.48
1998 total and average value	464,453	44.17	897,097	94.08	135,644	87.89	126,181	72.91

Source: U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Seattle Customs District includes all ports in the State of Washington, except Longview and Vancouver. Columbia-Snake Customs District includes all Oregon ports and Longview and Vancouver, Washington. San Francisco Customs District includes all coastal and inland ports in the State of California from Monterey north. The Anchorage Customs District is the State of Alaska.

**Table 52—Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>a</sup>**

(In thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO ALL COUNTRIES												
1987	1,452,869	595,489	567,078	290,302	918,120	234,268	458,223	225,629	534,749	361,221	108,855	64,673
1988	1,817,153	792,668	588,075	436,410	1,046,560	329,752	425,728	291,080	770,593	462,916	162,347	145,330
1989	1,944,049	946,438	536,438	461,071	1,002,337	348,094	366,319	287,923	941,712	598,447	170,119	173,148
1990	1,579,283	742,779	402,129	434,375	886,188	300,135	292,547	293,507	693,095	442,644	109,582	140,868
1991	1,430,094	725,621	370,899	333,574	760,651	271,001	253,770	235,880	669,443	454,620	117,129	97,694
1992	1,177,408	657,232	281,582	238,594	617,086	244,463	209,446	163,177	560,322	412,769	72,136	75,417
1993	1,074,789	602,841	212,069	259,879	581,687	235,875	161,194	184,618	493,102	366,966	50,875	75,261
1994	948,502	539,667	191,388	217,447	536,150	238,170	146,125	151,853	412,352	301,497	45,263	65,592
1995	1,021,509	609,231	187,967	224,310	567,220	267,181	148,744	151,295	454,289	342,050	39,223	73,015
1996	1,011,083	655,756	172,776	182,551	567,842	299,178	148,418	120,246	443,241	356,578	24,358	62,305
1997:												
1st qtr.	291,692	152,418	34,234	105,040	183,821	78,188	29,850	75,783	107,871	74,230	4,384	29,257
2d qtr.	247,495	98,699	18,263	130,533	145,137	48,423	14,831	81,883	102,357	50,276	3,431	48,650
3d qtr.	183,367	81,940	13,216	88,211	121,558	42,568	10,198	68,792	61,809	39,372	3,018	19,419
4th qtr.	148,316	65,288	11,369	71,660	87,886	31,908	8,341	47,637	60,431	33,380	3,028	24,023
1997 total	870,870	398,345	77,081	395,444	538,402	201,087	63,220	274,095	332,468	198,258	13,861	121,349
1998:												
1st qtr.	126,576	57,428	8,501	60,647	74,127	26,932	5,542	41,653	52,449	30,496	2,958	18,994
2d qtr.	111,140	55,511	9,330	46,299	72,234	27,419	8,282	36,534	38,906	28,092	1,048	9,765
3d qtr.	111,358	51,950	7,586	51,822	67,664	22,325	6,103	39,236	43,694	29,626	1,483	12,586
4th qtr.	119,920	57,089	7,224	55,607	68,017	22,218	5,322	40,477	51,903	34,871	1,902	15,130
1998 total	468,994	221,978	32,640	214,375	282,042	98,893	25,249	157,900	186,953	123,086	7,392	56,475
TO JAPAN												
1987	850,983	182,183	515,910	152,890	679,225	136,993	427,089	115,143	171,758	45,190	88,821	37,747
1988	1,030,664	284,807	526,639	219,218	695,784	167,362	372,557	155,865	334,880	117,445	154,082	63,353
1989	1,090,252	375,955	492,278	222,019	691,984	206,625	331,889	153,470	398,268	169,330	160,389	68,550
1990	867,738	284,288	369,605	213,844	587,367	157,198	264,835	165,334	280,371	127,090	104,770	48,510
1991	845,420	311,702	341,555	192,163	517,843	151,785	229,415	136,643	327,577	159,917	112,140	55,520
1992	740,179	360,757	250,751	128,671	430,596	153,608	185,514	91,474	309,583	207,149	65,237	37,197
1993	712,555	366,391	183,865	162,300	403,756	147,633	136,661	119,462	308,801	218,758	47,204	42,839
1994	656,003	345,747	175,837	134,419	371,150	147,372	131,718	92,060	284,853	198,375	44,119	42,359
1995	669,917	355,744	177,523	136,650	367,756	144,142	139,273	84,341	302,161	211,602	38,250	52,309
1996	717,669	450,562	159,400	107,707	383,731	185,296	135,647	62,788	333,938	265,266	23,753	44,919
1997:												
1st qtr.	208,437	103,892	29,801	74,744	128,923	50,717	26,358	51,848	79,514	53,175	3,443	22,896
2d qtr.	167,209	49,910	15,062	102,240	94,980	24,694	11,759	58,527	72,230	25,214	3,303	43,713
3d qtr.	105,638	36,515	10,637	58,486	74,563	20,884	8,345	45,334	31,075	15,631	2,292	13,152
4th qtr.	82,780	27,670	8,414	46,696	48,770	11,888	5,754	31,128	34,010	15,782	2,660	15,568
1997 total	564,065	217,985	63,914	282,166	347,236	108,183	52,216	186,837	216,829	109,802	11,698	95,329
1998:												
1st qtr.	71,027	26,160	6,319	38,548	42,241	12,319	3,730	26,192	28,786	13,841	2,589	12,356
2d qtr.	56,404	26,547	3,408	26,450	34,489	11,656	2,437	20,396	21,915	14,891	970	6,054
3d qtr.	68,702	31,674	3,993	33,034	41,342	14,185	2,613	24,545	27,359	17,489	1,381	8,489
4th qtr.	75,833	36,361	5,270	34,201	42,092	13,183	3,492	25,416	33,741	23,178	1,778	8,785
1998 total	271,965	120,742	18,990	132,233	160,164	51,343	12,272	96,549	111,801	69,399	6,717	35,685

**Table 52—Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>a</sup> (continued)**

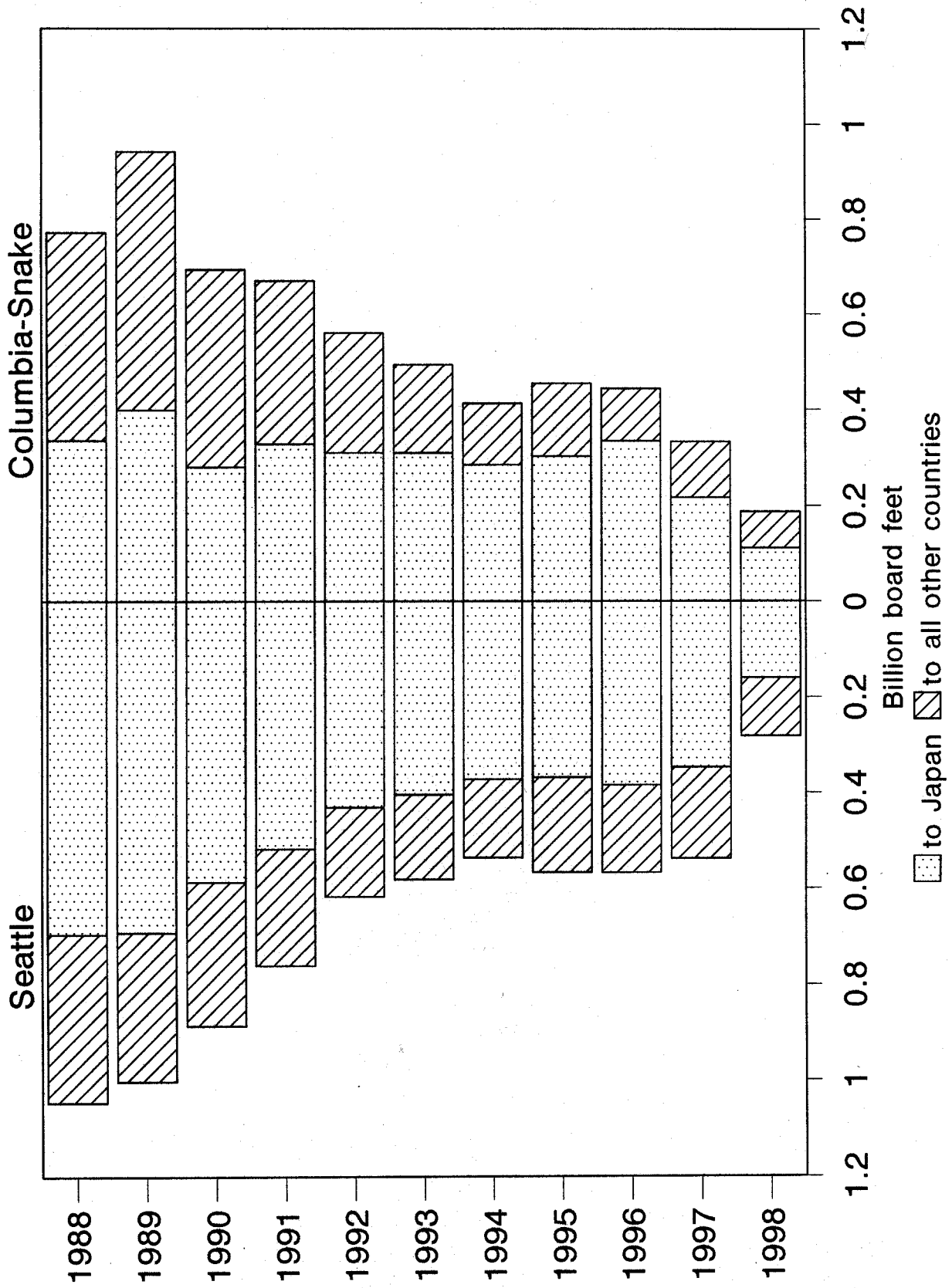
(In thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO CANADA												
1987	153,809	55,492	11,112	87,205	153,809	55,492	11,112	87,205	0	0	0	0
1988	196,084	86,295	19,800	89,989	196,084	86,295	19,800	89,989	0	0	0	0
1989	210,978	102,218	18,073	90,686	210,978	102,218	18,073	90,686	0	0	0	0
1990	207,397	110,752	16,086	80,559	207,397	110,752	16,086	80,559	0	0	0	0
1991	149,900	91,000	9,041	49,859	149,900	91,000	9,041	49,859	0	0	0	0
1992	118,418	72,951	6,667	38,800	118,418	72,951	6,667	38,800	0	0	0	0
1993	117,751	72,389	7,150	38,212	117,751	72,389	7,150	38,212	0	0	0	0
1994	125,023	80,077	6,915	38,031	125,023	80,077	6,915	38,031	0	0	0	0
1995	159,723	108,911	6,956	43,856	159,723	108,911	6,956	43,856	0	0	0	0
1996	131,786	89,581	3,282	38,924	131,786	89,581	3,282	38,924	0	0	0	0
1997:												
1st qtr.	37,914	23,495	1,061	13,358	37,914	23,495	1,061	13,358	0	0	0	0
2d qtr.	32,411	19,578	907	11,926	32,411	19,578	907	11,926	0	0	0	0
3d qtr.	30,143	17,262	790	12,091	30,143	17,262	790	12,091	0	0	0	0
4th qtr.	30,933	17,909	1,278	11,747	30,933	17,909	1,278	11,747	0	0	0	0
1997 total	131,401	78,244	4,036	49,122	131,401	78,244	4,036	49,122	0	0	0	0
1998:												
1st qtr.	23,888	12,556	501	10,831	23,888	12,556	501	10,831	0	0	0	0
2d qtr.	22,938	10,867	805	11,266	22,938	10,867	805	11,266	0	0	0	0
3d qtr.	17,183	6,206	569	10,407	17,183	6,206	569	10,407	0	0	0	0
4th qtr.	16,726	6,334	819	9,573	16,726	6,334	819	9,573	0	0	0	0
1998 total	80,734	35,963	2,694	42,077	80,734	35,963	2,694	42,077	0	0	0	0
TO PEOPLE'S REPUBLIC OF CHINA												
1987	9,267	8,834	0	433	631	198	0	433	8,636	8,636	0	0
1988	4,941	0	118	4,823	118	0	118	0	4,823	0	0	4,823
1989	9,690	64	313	9,313	555	10	217	328	9,135	54	97	8,985
1990	4,580	0	162	4,418	363	0	162	201	4,217	0	0	4,217
1991	226	0	0	226	226	0	0	226	0	0	0	0
1992	6,309	290	3,403	2,616	290	290	0	0	6,019	0	3,403	2,616
1993	414	225	143	46	414	225	143	46	0	0	0	0
1994	271	0	175	96	271	0	175	96	0	0	0	0
1995	328	39	0	289	289	0	0	289	39	39	0	0
1996	499	59	0	440	499	59	0	440	0	0	0	0
1997:												
1st qtr.	203	0	0	203	203	0	0	203	0	0	0	0
2d qtr.	211	0	0	211	211	0	0	211	0	0	0	0
3d qtr.	235	0	0	235	182	0	0	182	53	0	0	53
4th qtr.	10	0	0	10	10	0	0	10	0	0	0	0
1997 total	659	0	0	659	606	0	0	606	53	0	0	53
1998:												
1st qtr.	172	0	38	134	172	0	38	134	0	0	0	0
2d qtr.	139	0	0	139	139	0	0	139	0	0	0	0
3d qtr.	711	0	151	560	643	0	151	492	68	0	0	68
4th qtr.	380	0	105	275	225	0	105	120	156	0	0	156
1998 total	1,402	0	294	1,108	1,178	0	294	884	223	0	0	223

<sup>a</sup> Includes lumber classified as railroad cross ties and not specified by species.

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

Figure 5--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1988-98





**Table 53—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>a</sup>**

(In thousands of dollars)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO ALL COUNTRIES												
1987	560,924	265,942	195,170	99,812	317,034	86,862	157,523	72,649	243,890	179,080	37,647	27,163
1988	697,515	349,275	208,887	139,353	362,334	119,947	148,273	94,113	335,180	229,327	60,613	45,240
1989	875,758	465,909	220,835	189,015	399,183	133,667	147,991	117,525	476,575	332,241	72,844	71,490
1990	768,650	409,866	170,927	187,857	376,309	130,918	121,773	123,618	392,341	278,948	49,154	64,239
1991	726,343	412,591	159,009	154,743	341,766	128,028	107,631	106,107	384,577	284,563	51,378	48,636
1992	651,239	398,453	121,724	131,062	303,276	129,432	87,059	86,785	347,963	269,021	34,665	44,277
1993	700,098	430,682	116,215	153,201	337,382	149,990	86,919	100,473	362,716	280,692	29,296	52,728
1994	678,426	425,881	123,341	129,205	341,787	167,700	93,394	80,693	336,639	258,181	29,947	48,512
1995	714,815	449,115	120,102	145,599	368,109	185,081	95,378	87,650	346,706	264,033	24,724	57,949
1996	740,746	517,750	110,839	112,156	390,587	223,901	95,356	71,330	350,159	293,849	15,483	40,826
1997:												
1st qtr.	213,010	126,344	23,999	62,667	125,502	61,520	21,370	42,612	87,508	64,824	2,629	20,055
2d qtr.	167,357	81,369	11,893	74,095	92,349	38,039	10,121	44,189	75,008	43,330	1,772	29,906
3d qtr.	129,500	65,980	8,935	54,586	81,407	32,604	7,316	41,487	48,093	33,376	1,619	13,099
4th qtr.	99,752	48,766	7,841	43,146	56,461	21,156	6,285	29,019	43,292	27,610	1,555	14,127
1997 total	609,619	322,459	52,668	234,493	355,719	153,319	45,092	157,307	253,901	169,140	7,575	77,186
1998:												
1st qtr.	83,999	42,298	5,581	36,119	46,050	17,644	4,119	24,287	37,948	24,654	1,462	11,832
2d qtr.	75,781	40,599	6,348	28,833	45,583	17,930	5,804	21,849	30,198	22,670	544	6,985
3d qtr.	71,354	38,068	5,467	27,820	38,942	14,604	4,503	19,835	32,412	23,464	964	7,985
4th qtr.	78,282	41,715	5,194	31,372	41,398	14,878	3,966	22,555	36,884	26,837	1,229	8,818
1998 total	309,416	162,681	22,591	124,145	171,973	65,056	18,392	88,526	137,443	97,625	4,199	35,619
TO JAPAN												
1987	302,166	68,370	176,838	56,957	239,752	51,667	146,208	41,876	62,414	16,704	30,629	15,081
1988	351,915	90,655	187,370	73,890	235,227	54,112	129,758	51,357	116,688	36,542	57,612	22,534
1989	451,059	151,281	203,488	96,291	274,497	74,909	135,184	64,405	176,562	76,372	68,304	31,886
1990	382,963	126,576	156,635	99,751	250,943	69,069	109,698	72,176	132,020	57,507	46,937	27,575
1991	385,925	142,635	147,131	96,159	229,958	68,819	97,849	63,290	155,967	73,816	49,282	32,869
1992	377,565	192,118	110,223	75,224	210,113	80,231	78,756	51,126	167,452	111,887	31,467	24,098
1993	443,597	238,711	103,981	100,905	238,045	94,196	77,015	66,834	205,552	144,515	26,966	34,071
1994	469,374	275,508	115,991	77,874	248,362	117,604	86,961	43,796	221,012	157,904	29,030	34,078
1995	498,991	296,212	115,673	87,106	260,286	123,597	91,565	45,124	238,705	172,615	24,108	41,982
1996	552,934	384,067	105,906	62,959	286,580	160,756	91,024	34,798	266,354	223,311	14,882	28,161
1997:												
1st qtr.	158,968	92,682	22,657	43,629	93,895	45,173	20,419	28,303	65,073	47,509	2,238	15,326
2d qtr.	115,930	47,846	10,528	57,556	64,871	24,179	8,876	31,816	51,059	23,667	1,652	25,740
3d qtr.	74,021	32,518	7,409	34,094	51,177	19,197	6,265	25,715	22,844	13,321	1,145	8,379
4th qtr.	56,070	22,960	6,226	26,883	33,390	11,316	4,828	17,246	22,680	11,644	1,398	9,637
1997 total	404,989	196,006	46,821	162,162	243,333	99,865	40,388	103,080	161,656	96,141	6,433	59,082
1998:												
1st qtr.	44,571	19,023	4,394	21,154	26,498	10,016	3,194	13,287	18,074	9,007	1,200	7,867
2d qtr.	38,050	19,728	2,817	15,506	21,398	8,150	2,329	10,920	16,652	11,578	488	4,586
3d qtr.	41,491	22,379	3,113	15,999	22,970	10,077	2,326	10,567	18,521	12,302	787	5,432
4th qtr.	49,883	26,239	4,099	19,546	26,062	9,739	2,991	13,333	23,821	16,500	1,108	6,213
1998 total	173,996	87,369	14,422	72,205	96,928	37,982	10,839	48,107	77,068	49,387	3,583	24,098

**Table 53—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>8</sup> (continued)**

(In thousands of dollars)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO CANADA												
1987	42,800	18,682	3,952	20,166	42,800	18,682	3,952	20,166	--	--	--	--
1988	63,557	30,555	6,931	26,072	63,557	30,555	6,931	26,072	--	--	--	--
1989	76,948	39,814	6,507	30,627	76,948	39,814	6,507	30,627	--	--	--	--
1990	78,744	41,888	6,909	29,947	78,744	41,888	6,909	29,947	--	--	--	--
1991	66,430	43,723	3,730	18,977	66,430	43,723	3,730	18,977	--	--	--	--
1992	57,077	37,773	2,923	16,381	57,077	37,773	2,293	16,381	--	--	--	--
1993	63,946	44,310	3,036	16,600	63,946	44,310	3,036	16,600	--	--	--	--
1994	62,666	41,121	3,702	17,843	62,666	41,121	3,702	17,843	--	--	--	--
1995	71,103	48,760	2,916	19,427	71,103	48,760	2,916	19,427	--	--	--	--
1996	63,617	43,920	1,407	18,290	63,617	43,920	1,407	18,290	--	--	--	--
1997:												
1st qtr.	20,570	12,987	482	7,101	20,570	12,987	482	7,101	--	--	--	--
2d qtr.	18,063	10,569	661	6,833	18,063	10,569	661	6,833	--	--	--	--
3d qtr.	18,131	9,420	621	8,090	18,131	9,420	621	8,090	--	--	--	--
4th qtr.	16,684	8,211	949	7,523	16,684	8,211	949	7,523	--	--	--	--
1997 total	73,448	41,187	2,713	29,547	73,448	41,187	2,713	29,547	--	--	--	--
1998:												
1st qtr.	14,320	5,841	308	8,171	14,320	5,841	308	8,171	--	--	--	--
2d qtr.	12,847	4,636	440	7,771	12,847	4,636	440	7,771	--	--	--	--
3d qtr.	10,631	3,039	379	7,213	10,631	3,039	379	7,213	--	--	--	--
4th qtr.	10,071	3,076	501	6,494	10,071	3,076	501	6,494	--	--	--	--
1998 total	47,870	16,592	1,628	29,650	47,870	16,592	1,628	29,650	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA												
1987	2,792	2,635	--	157	244	87	--	157	2,548	2,548	--	--
1988	1,950	--	41	1,909	41	--	41	--	1,909	--	--	1,909
1989	3,960	25	176	3,759	240	4	77	159	3,720	21	99	3,600
1990	1,936	--	60	1,876	120	--	60	60	1,816	--	--	1,816
1991	115	--	--	115	115	--	--	115	--	--	--	--
1992	2,740	108	1,495	1,137	108	108	--	--	2,632	--	1,495	1,137
1993	161	83	63	15	161	83	63	15	--	--	--	--
1994	109	--	71	38	109	--	71	38	--	--	--	--
1995	155	35	--	120	120	--	--	120	35	35	--	--
1996	313	54	--	259	313	54	--	259	--	--	--	--
1997:												
1st qtr.	132	--	--	132	132	--	--	132	--	--	--	--
2d qtr.	149	--	--	149	149	--	--	149	--	--	--	--
3d qtr.	578	--	--	578	532	--	--	532	46	--	--	46
4th qtr.	8	--	--	8	8	--	--	8	--	--	--	--
1997 total	867	--	--	867	821	--	--	821	46	--	--	46
1998:												
1st qtr.	53	--	13	40	53	--	13	40	--	--	--	--
2d qtr.	101	--	--	101	101	--	--	101	--	--	--	--
3d qtr.	624	--	326	298	567	--	326	241	57	--	--	57
4th qtr.	124	--	35	89	73	--	35	38	51	--	--	51
1998 total	901	--	374	528	794	--	374	420	108	--	--	108

Note: Individual columns may not add to totals because of rounding.

<sup>8</sup> Includes lumber classified as railroad crossties and not specified by species.

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 54—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>a</sup>**

(In dollars per thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO ALL COUNTRIES												
1987	386.08	446.59	344.17	343.82	345.31	370.78	343.77	321.98	456.08	495.76	345.85	420.01
1988	383.85	440.63	355.20	319.32	346.21	363.75	348.28	323.32	434.96	495.40	373.35	311.29
1989	429.87	448.10	411.67	409.95	364.37	302.90	403.99	408.18	506.07	555.17	428.19	412.88
1990	486.71	551.80	425.06	432.48	424.64	436.20	416.25	421.18	566.07	630.19	448.56	456.02
1991	507.90	568.60	428.71	463.98	449.31	472.43	424.13	449.84	574.47	625.94	438.65	497.84
1992	553.11	606.26	432.29	549.31	491.47	529.45	415.66	531.85	621.01	651.75	480.55	587.10
1993	651.38	714.42	548.01	589.51	580.01	635.89	539.22	544.22	735.58	764.90	575.84	700.60
1994	715.26	789.16	644.46	594.19	637.48	704.12	639.14	531.39	816.39	856.33	661.62	739.60
1995	699.76	737.18	638.95	649.10	648.97	692.72	641.22	579.33	763.18	771.91	630.34	793.66
1996	732.63	789.55	641.52	614.38	687.84	748.39	642.48	593.20	790.00	824.08	635.64	655.26
1997:												
1st qtr.	730.26	828.93	701.02	596.60	682.74	786.82	715.91	562.29	811.23	873.29	599.64	685.48
2d qtr.	676.20	824.42	651.22	567.64	636.29	785.56	682.41	539.66	732.81	861.85	516.41	614.72
3d qtr.	706.23	805.22	676.06	618.81	669.69	765.93	717.38	603.08	778.10	847.70	536.45	674.54
4th qtr.	672.57	746.94	689.67	602.09	642.43	663.04	753.53	609.18	716.39	827.15	513.72	588.04
1997 average	700.01	809.50	683.28	592.99	660.69	762.45	713.26	573.92	763.69	857.46	546.54	636.06
1998:												
1st qtr.	663.62	736.55	656.55	595.56	621.24	655.15	743.19	583.08	723.52	808.43	494.24	622.91
2d qtr.	681.85	731.37	680.42	622.77	631.04	653.93	700.83	598.05	776.19	806.96	519.23	715.25
3d qtr.	640.76	732.77	720.66	536.83	575.52	654.16	737.82	505.53	741.80	792.00	649.99	634.43
4th qtr.	652.79	730.71	719.06	564.18	608.65	669.64	745.23	557.22	710.63	769.62	645.91	582.80
1998 average	659.74	732.87	692.11	579.10	609.74	657.84	728.43	560.64	735.17	793.15	568.05	630.70
TO JAPAN												
1987	355.32	375.28	342.77	372.54	352.98	377.15	342.34	363.69	363.38	369.64	344.84	399.53
1988	341.44	318.30	355.78	337.06	338.07	323.32	348.29	329.50	348.45	311.14	373.90	355.69
1989	381.14	322.46	413.36	433.71	349.60	249.85	407.32	419.66	443.32	451.02	425.86	465.15
1990	441.33	445.24	423.79	466.47	427.23	439.38	414.21	436.55	470.88	452.49	448.00	568.44
1991	456.49	457.60	430.77	500.40	444.07	453.40	426.52	463.18	476.12	461.59	439.47	592.02
1992	510.10	532.54	439.57	584.62	487.96	522.31	424.53	558.91	540.90	540.13	482.35	647.85
1993	622.54	651.52	565.53	621.72	589.58	638.04	563.55	559.46	665.65	660.62	571.27	795.33
1994	715.51	796.85	659.65	579.34	669.17	798.01	660.21	475.73	775.88	795.99	657.99	804.50
1995	744.85	832.65	651.59	637.44	707.77	857.47	657.45	535.02	789.99	815.75	630.27	802.58
1996	770.46	852.42	664.40	584.54	746.83	867.56	671.04	554.21	797.62	841.84	626.53	626.93
1997:												
1st qtr.	762.67	892.10	760.28	583.71	728.30	890.69	774.69	545.88	818.38	893.45	649.98	669.37
2d qtr.	693.32	958.69	699.00	562.95	683.00	979.16	754.83	543.61	706.90	938.65	500.22	588.84
3d qtr.	700.70	890.54	696.56	582.94	686.36	919.23	750.71	567.23	735.13	852.20	499.39	637.07
4th qtr.	677.34	829.77	739.95	575.70	684.64	951.88	839.09	554.03	666.86	737.80	525.46	619.04
1997 average	717.98	899.17	732.56	574.70	700.77	923.11	773.48	551.71	745.55	875.57	549.90	619.77
1998:												
1st qtr.	627.53	727.20	695.38	548.77	627.29	813.08	856.33	507.30	627.87	650.76	463.47	636.67
2d qtr.	674.61	743.14	826.54	586.25	620.44	699.18	955.46	535.41	759.85	777.54	502.70	757.55
3d qtr.	603.94	706.54	779.58	484.32	555.60	710.41	890.25	430.51	676.97	703.40	570.11	639.89
4th qtr.	657.81	721.61	777.66	571.50	619.18	738.73	856.31	524.59	705.99	711.88	623.18	707.22
1998 average	639.77	723.60	759.45	546.04	605.18	739.77	883.23	498.27	689.33	711.64	533.32	675.31

**Table 54—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1987-98<sup>a</sup> (continued)**

(In dollars per thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO CANADA												
1987	278.27	336.66	355.65	231.25	278.27	336.66	355.65	231.25	--	--	--	--
1988	324.13	354.08	350.05	289.72	324.13	354.08	350.05	289.72	--	--	--	--
1989	364.72	389.50	360.04	337.73	364.72	389.50	360.04	337.73	--	--	--	--
1990	379.68	378.21	429.50	371.74	379.68	378.21	429.50	371.74	--	--	--	--
1991	443.16	480.47	412.57	380.61	443.16	480.47	412.57	380.61	--	--	--	--
1992	482.00	517.79	438.43	422.19	482.00	517.79	438.43	422.19	--	--	--	--
1993	543.06	612.11	424.62	434.42	543.06	612.11	424.62	434.42	--	--	--	--
1994	501.24	513.52	535.36	469.17	501.24	513.52	535.36	469.17	--	--	--	--
1995	445.16	447.71	419.21	442.97	445.16	447.71	419.21	442.97	--	--	--	--
1996	482.73	490.28	428.70	469.89	482.73	490.28	428.70	469.89	--	--	--	--
1997:												
1st qtr.	542.54	552.77	454.12	531.59	542.54	552.77	454.12	531.59	--	--	--	--
2d qtr.	557.30	539.84	728.62	572.94	557.30	539.84	728.62	572.94	--	--	--	--
3d qtr.	601.49	545.68	786.08	669.11	601.49	545.68	786.08	669.11	--	--	--	--
4th qtr.	539.34	458.50	743.18	640.42	539.34	458.50	743.18	640.42	--	--	--	--
1997 average	558.96	526.40	672.38	601.50	558.96	526.40	672.38	601.50	--	--	--	--
1998:												
1st qtr.	599.48	465.24	614.66	754.39	599.48	465.24	614.66	754.39	--	--	--	--
2d qtr.	560.09	426.62	546.44	689.81	560.09	426.62	546.44	689.81	--	--	--	--
3d qtr.	618.73	489.59	666.72	693.12	618.73	489.59	666.72	693.12	--	--	--	--
4th qtr.	602.10	485.63	611.59	678.36	602.10	485.63	611.59	678.36	--	--	--	--
1998 average	592.93	461.36	604.30	704.65	592.93	461.36	604.30	704.65	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA												
1987	301.28	298.28	--	362.59	386.69	439.39	--	362.59	295.04	295.04	--	--
1988	394.66	--	347.46	395.81	347.46	--	347.46	--	395.81	--	--	395.81
1989	408.67	390.63	562.30	403.63	432.43	400.00	354.84	484.76	407.23	388.89	1,020.62	400.67
1990	422.71	--	370.37	424.63	330.58	--	370.37	298.51	430.64	--	--	430.64
1991	508.85	--	--	508.85	508.85	--	--	508.85	--	--	--	--
1992	434.30	372.41	439.32	434.63	372.41	372.41	--	--	437.28	--	439.32	434.63
1993	388.89	368.89	440.56	326.09	388.89	368.89	440.56	326.09	--	--	--	--
1994	402.21	--	405.71	395.83	402.21	--	405.71	395.83	--	--	--	--
1995	472.56	897.44	--	415.22	415.22	--	--	415.22	897.44	897.44	--	--
1996	627.25	915.25	--	588.64	627.25	915.25	--	588.64	--	--	--	--
1997:												
1st qtr.	650.25	--	--	650.25	650.25	--	--	650.25	--	--	--	--
2d qtr.	706.16	--	--	706.16	706.16	--	--	706.16	--	--	--	--
3d qtr.	2,458.30	--	--	2,458.30	2,920.82	--	--	2,920.82	858.87	--	--	858.87
4th qtr.	834.26	--	--	834.26	834.26	--	**	834.26	--	--	--	--
1997 average	1,315.63	--	--	1,315.63	1,355.34	--	--	1,355.34	858.87	--	--	858.87
1998:												
1st qtr.	309.96	--	345.58	299.86	309.96	--	345.58	299.86	--	--	--	--
2d qtr.	724.04	--	--	724.04	724.04	--	--	724.04	--	--	--	--
3d qtr.	877.62	--	2,156.00	532.67	881.42	--	2,156.00	490.08	841.59	--	--	841.59
4th qtr.	325.10	--	331.71	322.57	325.36	--	331.71	319.77	324.73	--	--	324.73
1998 average	642.91	--	1,270.47	476.34	673.46	--	1,270.47	475.00	481.66	--	--	481.66

<sup>a</sup> Includes lumber classified as railroad crossties and not specified by species.

Source: U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter.

**Table 55—Volume and average value of softwood lumber exports from southern California ports by species and destination, 1987-98<sup>a</sup>**

(Volume in thousand board feet; value in dollars per thousand board feet)

Year and quarter	Total		Douglas-fir		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES						
1987	152,754	240.57	1,148	286.59	151,606	240.23
1988	260,543	242.85	2,635	331.69	257,908	241.94
1989	250,680	366.26	4,251	368.38	246,429	366.22
1990	335,646	320.29	17,056	327.16	318,590	319.92
1991	478,096	267.15	29,197	317.60	448,899	263.87
1992	223,870	637.44	44,288	372.31	179,582	702.82
1993	176,378	728.08	21,542	557.00	154,836	751.88
1994	144,819	596.57	22,445	459.88	122,374	621.64
1995	73,253	547.06	5,710	426.44	67,543	557.26
1996	83,953	428.82	5,128	613.45	78,825	416.81
1997:						
1st quarter	24,996	418.23	1,186	654.52	23,810	406.47
2d quarter	27,960	412.52	1,715	587.81	26,245	401.07
3d quarter	23,267	469.01	1,637	619.64	21,631	464.07
4th quarter	28,186	344.85	1,988	439.98	26,199	332.30
1997 total and average value	104,410	408.21	6,526	562.72	97,884	397.91
1998:						
1st quarter	22,369	413.25	1,091	407.84	21,278	413.53
2d quarter	21,814	444.76	1,218	392.25	20,596	447.87
3d quarter	31,137	387.33	6,556	149.32	24,581	450.82
4th quarter	27,192	392.56	2,123	395.07	25,069	392.35
1998 total and average value	102,512	406.60	10,989	249.40	91,524	425.47
TO JAPAN						
1987	606	613.86	21	809.52	585	606.84
1988	3,719	222.37	26	846.15	3,693	217.98
1989	10,361	409.81	1,050	318.10	9,311	420.15
1990	11,765	423.88	725	384.83	11,040	426.45
1991	8,884	442.37	113	566.37	8,771	440.77
1992	4,601	553.58	601	357.74	4,000	583.00
1993	5,435	564.67	1,444	653.74	3,991	532.45
1994	3,398	487.20	736	565.20	2,662	465.64
1995	2,698	520.76	265	875.47	2,433	482.12
1996	6,227	483.24	551	1392.39	5,676	395.01
1997:						
1st quarter	2,957	691.53	187	1850.27	2,770	613.31
2d quarter	3,712	410.04	218	1411.42	3,494	347.49
3d quarter	3,352	427.71	245	1563.23	3,107	338.16
4th quarter	1,481	570.86	125	848.78	1,356	545.15
1997 total and average value	11,502	508.26	775	1474.77	10,726	438.40
1998:						
1st quarter	911	642.95	80	939.09	831	614.58
2d quarter	642	780.03	16	941.37	625	775.84
3d quarter	922	584.80	14	1053.17	909	839.70
4th quarter	753	506.74	0	--	753	506.74
1998 total and average value	3,228	621.81	109	953.58	3,118	610.18

<sup>a</sup> Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

Source: U.S. Department of Commerce.

**Table 56—Volume and average value of softwood lumber exports from northern California ports by species and destination, 1987-98<sup>a</sup>**

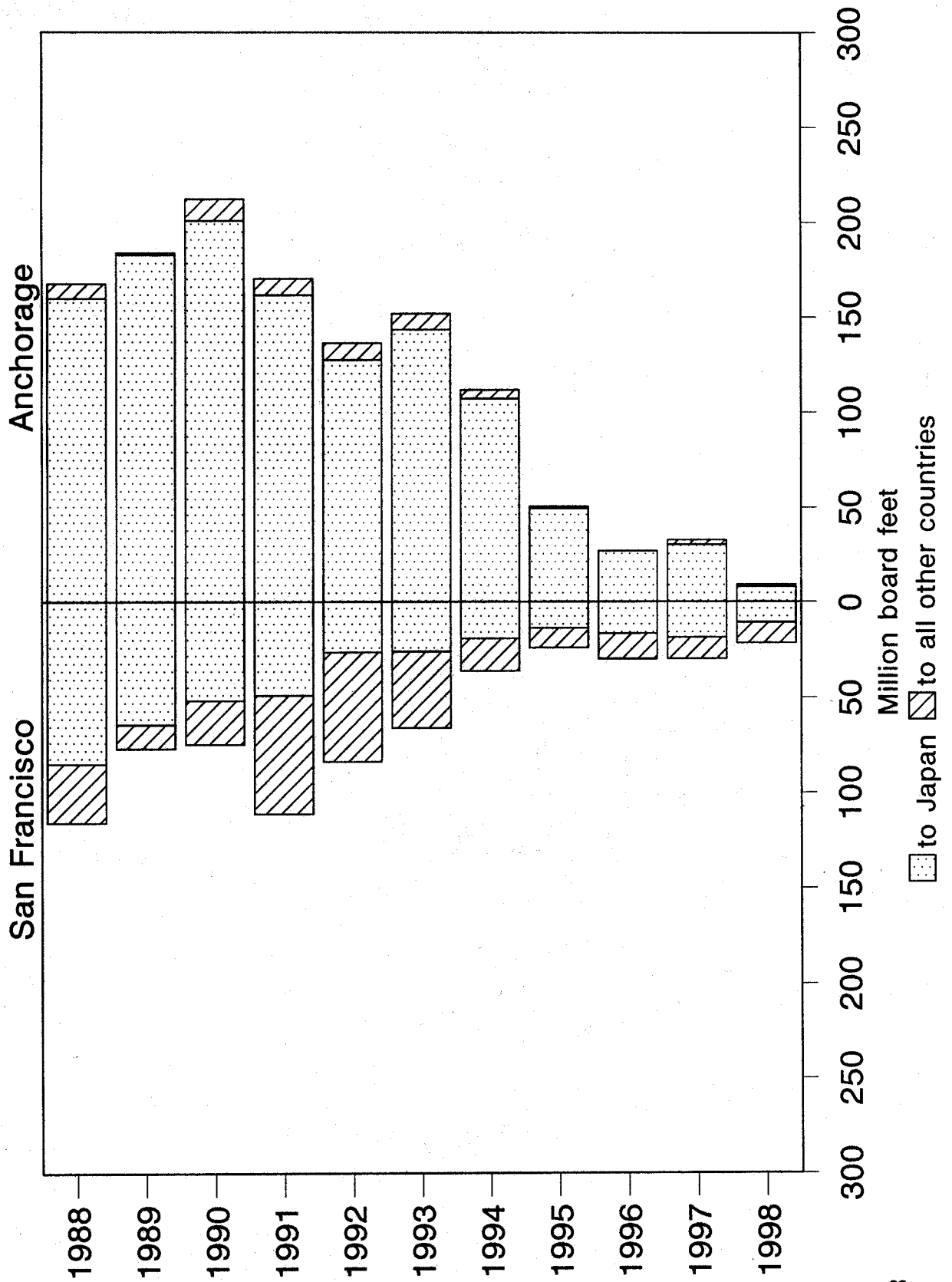
(Volume in thousand board feet; value in dollars per thousand board feet)

Year and quarter	Total		Douglas-fir		Western hemlock		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES								
1987	72,729	362.39	18,829	419.03	7,989	388.28	45,911	334.65
1988	115,620	303.58	24,821	325.49	18,881	347.55	71,918	284.48
1989	76,667	452.48	7,828	576.78	12,017	635.60	56,822	396.62
1990	74,568	550.02	7,268	595.21	11,977	672.96	55,323	517.47
1991	110,961	434.23	10,241	529.15	18,611	556.02	82,109	394.78
1992	83,538	493.81	8,334	661.27	14,281	506.06	60,923	468.03
1993	65,990	729.44	13,559	787.30	16,849	502.70	35,582	814.77
1994	36,340	819.43	3,019	954.29	14,836	470.48	18,485	1,077.47
1995	24,191	955.89	1,020	1,118.63	4,993	539.96	18,178	1,061.01
1996	29,954	712.19	4,732	900.43	2,619	451.38	22,603	702.99
1997	29,841	880.67	1,470	1,554.24	1,057	583.23	27,314	857.75
1998:								
1st quarter	3,631	976.31	55	2,215.95	150	773.57	3,426	965.28
2d quarter	4,050	765.99	115	1,197.02	0	--	3,935	753.36
3d quarter	4,762	759.17	50	1,548.39	39	1,208.64	4,673	732.15
4th quarter	9,081	653.86	151	1,281.21	45	657.43	8,884	643.19
1998 total and average value	21,524	752.66	372	1,450.88	234	823.50	20,918	739.46
TO JAPAN								
1987	49,227	332.18	506	268.77	7,355	401.09	41,366	320.70
1988	84,861	287.15	1,058	293.95	17,440	340.37	66,363	273.06
1989	64,275	431.24	664	629.52	10,802	653.40	52,809	383.31
1990	51,810	509.82	926	605.83	11,769	674.48	39,115	458.01
1991	49,084	521.39	3,900	418.21	18,604	556.06	26,580	512.27
1992	26,507	562.68	929	1,087.19	14,281	506.06	11,297	591.13
1993	26,036	601.63	292	811.64	16,679	495.23	9,065	790.62
1994	19,260	634.84	320	818.75	14,127	426.77	4,813	1,233.33
1995	13,782	806.99	547	795.25	4,993	539.96	8,242	969.55
1996	16,603	750.51	2,739	665.31	2,606	444.44	11,259	842.06
1997	18,757	783.18	782	1,276.00	1,057	583.23	15,919	857.31
1998:								
1st quarter	2,032	898.65	0	--	0	--	2,032	898.65
2d quarter	2,099	599.97	87	1,041.15	0	--	2,011	580.83
3d quarter	1,936	610.48	15	891.80	39	1,208.64	1,812	618.82
4th quarter	4,786	584.14	0	--	45	657.43	4,741	583.44
1998 total and average value	10,853	650.78	103	1,018.94	84	912.32	10,666	645.17
TO PEOPLE'S REPUBLIC OF CHINA								
1987	0	--	0	--	0	--	0	--
1988	95	673.68	0	--	0	--	95	673.68
1989	0	--	0	--	0	--	0	--
1990	0	--	0	--	0	--	0	--
1991	0	--	0	--	0	--	0	--
1992	0	--	0	--	0	--	0	--
1993	89	955.06	0	--	0	--	89	955.06
1994	324	327.16	0	--	0	--	324	327.16
1995	0	--	0	--	0	--	0	--
1996	33	746.94	0	--	0	--	33	746.94
1997	31	2,393.05	0	--	0	--	31	2,393.05
1998:								
1st quarter	108	227.26	0	--	0	--	108	227.26
2d quarter	45	429.16	0	--	0	--	45	429.16
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1998 total and average value	153	287.10	0	--	0	--	153	287.10

<sup>a</sup> Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Source: U.S. Department of Commerce.

Figure 6--Lumber exports from San Francisco and Anchorage Customs Districts, 1988-98



**Table 57—Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1987-98**

(Volume in thousand board feet; value in dollars per thousand board feet)

Year and quarter	Total		Western hemlock		Sitka spruce		Cedar		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES										
1987	133,144	292.11	80,253	241.19	49,085	374.07	10	300.00	3,796	309.01
1988	167,453	359.27	98,781	296.81	64,845	456.24	113	300.89	3,714	329.29
1989	183,760	380.04	106,055	333.46	72,870	456.91	2,532	209.72	2,302	280.63
1990	212,010	397.56	119,231	364.44	87,776	453.14	5,002	211.72	0	--
1991	170,308	412.31	95,478	364.64	69,782	480.80	3,069	369.83	1,979	363.32
1992	136,556	481.40	81,363	393.55	52,036	629.62	575	396.52	2,582	280.40
1993	151,894	507.35	95,005	454.06	55,856	598.18	59	355.93	974	505.13
1994	111,836	561.28	68,839	468.11	42,679	713.84	0	--	318	254.72
1995	50,379	775.01	28,367	608.59	20,352	1,010.91	1,407	817.34	253	221.34
1996	26,854	715.05	14,831	557.28	11,934	914.09	20	688.30	69	204.08
1997	32,764	599.48	18,524	499.05	13,093	759.35	84	100.11	1,063	420.12
1998:										
1st quarter	4,409	536.37	2,964	447.84	988	804.23	0	--	458	531.56
2d quarter	934	223.04	592	161.84	82	125.00	261	392.86	0	--
3d quarter	8	690.91	0	--	0	--	0	--	8	690.61
4th quarter	3,696	428.80	892	329.52	2,803	460.40	0	--	0	--
1998 total and average value	9,048	460.22	4,447	386.06	3,874	540.98	261	392.86	466	534.46
TO JAPAN										
1987	130,678	289.57	79,318	240.94	47,919	369.14	0	--	3,441	302.24
1988	159,804	353.17	96,686	296.44	61,404	443.62	113	300.89	1,601	313.55
1989	182,656	378.20	106,055	333.46	71,854	453.20	2,532	209.72	2,215	279.91
1990	200,689	400.65	114,227	369.54	85,322	442.51	1,140	384.21	0	--
1991	161,649	415.65	90,749	370.90	66,072	480.02	2,863	384.91	1,965	362.34
1992	127,540	456.05	78,222	397.54	46,372	564.05	575	396.52	2,373	287.22
1993	143,557	494.00	92,075	458.94	50,915	556.36	0	--	567	587.30
1994	107,166	545.84	66,958	473.34	39,952	669.60	0	--	257	190.66
1995	49,351	763.63	28,019	607.44	19,672	989.27	1,407	817.34	253	221.34
1996	26,784	716.24	14,761	558.77	11,934	914.09	20	688.30	69	204.08
1997	30,238	625.93	17,364	511.95	12,246	793.07	0	--	627	518.20
1998:										
1st quarter	4,409	536.37	2,964	447.84	988	804.23	0	--	458	531.56
2d quarter	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--	0	--
4th quarter	3,696	428.80	892	329.52	2,803	460.40	0	--	0	--
1998 total and average value	8,105	487.32	3,856	420.46	3,791	550.00	0	--	458	531.56
TO SOUTH KOREA										
1987	1,240	583.07	0	--	916	656.11	0	--	334	365.27
1988	1,924	1,378.90	188	1,117.02	1,243	1,627.51	0	--	493	851.93
1989	1,016	720.47	0	--	1,016	720.47	0	--	0	--
1990	6,006	424.58	0	--	2,143	900.14	3,862	160.80	0	--
1991	4,176	497.61	608	460.53	3,361	525.14	206	160.19	0	--
1992	6,020	1,134.88	525	499.05	5,496	1,195.42	0	--	0	--
1993	5,280	1,031.06	1,255	461.36	4,025	1,208.94	0	--	0	--
1994	1,994	1,759.78	0	--	1,994	1,759.78	0	--	0	--
1995	1,028	1,320.04	348	701.15	680	1,636.76	0	--	0	--
1996	0	--	0	--	0	--	0	--	0	--
1997	380	289.49	0	--	0	--	0	--	380	289.49
1998:										
1st quarter	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--	0	--
1998 total and average value	0	--	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.



**Table 58—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Aberdeen-Hoquiam:</b>										
Douglas-fir	739	600.87	719	562.53	0	--	0	--	0	--
Other firs	126	385.81	126	385.81	0	--	0	--	0	--
Other softwoods	23,156	477.83	23,156	477.83	0	--	0	--	0	--
All softwoods	24,021	481.13	24,002	479.88	0	--	0	--	0	--
<b>Everett:</b>										
Pines	35	315.43	0	--	0	--	0	--	35	315.43
<b>Port Angeles:</b>										
Douglas-fir	60	432.11	60	432.11	0	--	0	--	0	--
Other softwoods	12	211.59	0	--	0	--	0	--	0	--
All softwoods	72	394.71	60	432.11	0	--	0	--	0	--
<b>Seattle:</b>										
Douglas-fir	31,173	762.14	27,647	755.25	0	--	177	1,274.50	113	344.48
Other firs	4,280	569.30	4,061	546.08	23	1,588.92	23	3,132.66	0	--
Cedars	1,868	667.83	1,494	564.93	0	--	153	770.76	0	--
Hemlock	7,654	927.73	6,789	990.88	0	--	38	393.33	0	--
Spruce	9,009	387.27	5,562	247.30	0	--	3,311	625.96	0	--
Pines	1,603	606.47	1,016	650.86	453	549.19	0	--	0	--
Redwood	149	980.73	134	895.10	0	--	0	--	0	--
Other softwoods	22,881	601.36	22,454	603.69	0	--	90	223.46	0	--
All softwoods	78,617	673.01	69,156	670.66	476	600.11	3,793	665.52	113	344.48
Red alder	15,749	893.17	3,193	1,182.95	2,562	616.48	1,346	500.04	0	--
All hardwoods	32,554	1,106.32	11,524	1,378.66	3,981	764.54	4,051	986.22	0	--
<b>Tacoma:</b>										
Douglas-fir	22,740	813.96	16,534	739.18	0	--	0	--	0	--
Other firs	3,889	550.85	3,558	561.01	0	--	0	--	0	--
Cedars	933	818.98	231	1,248.50	0	--	0	--	0	--
Hemlock	10,347	750.10	4,053	830.80	256	1,408.13	0	--	0	--
Spruce	1,258	439.42	906	442.45	0	--	33	3,086.07	0	--
Pines	453	716.38	335	684.20	0	--	0	--	0	--
Redwood	1,128	713.04	1,128	713.04	0	--	0	--	0	--
Other softwoods	9,811	628.65	7,900	640.20	0	--	0	--	0	--
All softwoods	50,560	732.34	34,645	703.29	256	1,408.13	33	3,086.07	0	--
Red alder	9,659	931.24	2,444	1,238.47	456	662.09	93	405.09	0	--
All hardwoods	14,817	1,000.16	4,194	1,318.50	884	659.77	163	810.21	0	--

**Table 58—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1998 (continued)**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	43,719	500.90	6,069	683.83	0	--	0	--	35,736	460.87
Other firs	1,752	541.29	468	530.47	0	--	0	--	1,260	549.52
Cedars	16,513	711.66	397	520.44	0	--	0	--	16,040	716.76
Hemlock	3,439	611.62	655	576.36	0	--	0	--	2,694	604.29
Spruce	1,320	338.20	797	285.02	0	--	0	--	386	497.04
Pines	7,667	814.00	440	362.87	0	--	0	--	7,227	841.45
Redwood	558	599.99	392	423.88	0	--	0	--	4	1,000.64
Other softwoods	7,847	583.57	1,149	561.97	0	--	0	--	6,517	568.18
All softwoods	82,815	583.27	10,367	596.24	0	--	0	--	69,864	576.36
Red alder	7,924	1,299.14	22	533.13	0	--	0	--	381	710.45
All hardwoods	24,327	1,028.59	66	1,157.87	19	1,539.64	18	851.63	15,382	877.19
Total:										
Douglas-fir	98,431	656.67	51,029	738.45	0	--	177	1,274.50	35,848	460.50
Other firs	10,048	554.97	8,214	549.19	23	1,588.92	23	3,132.66	1,260	549.52
Cedars	19,314	712.61	2,122	631.11	0	--	153	770.76	16,040	716.76
Hemlock	21,439	791.31	11,497	910.84	256	1,408.13	38	393.33	2,694	604.29
Spruce	11,588	387.34	7,265	275.76	0	--	3,344	650.59	386	497.04
Pines	9,758	773.60	1,790	586.34	453	549.19	0	--	7,262	838.93
Redwood	1,835	700.44	1,654	659.25	0	--	0	--	4	1,000.64
Other softwoods	63,708	558.39	54,659	554.77	0	--	90	223.46	6,517	568.18
All softwoods	236,121	634.58	138,231	640.03	732	882.71	3,826	686.69	70,011	575.85
Red alder	33,332	1,000.71	5,659	1,204.40	3,018	623.37	1,439	493.91	381	710.45
All hardwoods	71,697	1,058.01	15,784	1,361.75	4,884	748.68	4,232	978.87	15,382	877.19

<sup>a</sup> Bellingham, Blaine, Danville, Frontier, Kenmore Air Harbor, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 59a—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, first quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	282	647.91	282	647.91	0	--	0	--	0	--
Other softwoods	6,708	522.72	6,708	522.72	0	--	0	--	0	--
All softwoods	6,990	527.78	6,990	527.78	0	--	0	--	0	--
Everett:										
Pines	35	315.43	0	--	0	--	0	--	35	315.43
Olympia:										
Other softwoods	12	211.59	0	--	0	--	0	--	0	--
Seattle:										
Douglas-fir	8,066	834.60	7,486	824.69	0	--	123	1,457.56	113	344.48
Other firs	1,089	429.67	1,070	419.25	0	--	0	--	0	--
Cedars	168	1,197.29	113	785.75	0	--	28	1,589.67	0	--
Hemlock	2,173	935.95	2,169	936.30	0	--	0	--	0	--
Spruce	2,962	309.94	2,678	216.26	0	--	148	2,009.57	0	--
Pines	300	463.21	300	463.21	0	--	0	--	0	--
Redwood	9	2,360.00	9	2,360.00	0	--	0	--	0	--
Other softwoods	6,806	635.14	6,806	635.14	0	--	0	--	0	--
All softwoods	21,572	687.71	20,631	669.08	0	--	300	1,743.16	113	344.48
Red alder	3,141	1,061.94	858	1,134.47	415	550.79	226	455.67	0	--
All hardwoods	7,099	1,295.32	2,867	1,347.38	990	933.08	405	1,183.15	0	--
Tacoma:										
Douglas-fir	4,750	817.87	3,826	813.47	0	--	0	--	0	--
Other firs	476	684.19	476	684.19	0	--	0	--	0	--
Cedars	169	540.48	39	765.76	0	--	0	--	0	--
Hemlock	1,414	791.82	1,085	792.26	0	--	0	--	0	--
Spruce	486	248.18	486	248.18	0	--	0	--	0	--
Pines	111	394.83	111	394.83	0	--	0	--	0	--
Other softwoods	1,024	858.43	853	854.10	0	--	0	--	0	--
All softwoods	8,431	766.89	6,878	759.21	0	--	0	--	0	--
Red alder	2,227	1,120.40	557	1,283.11	0	--	0	--	0	--
All hardwoods	3,942	1,181.32	1,369	1,457.97	44	836.59	0	--	0	--

**Table 59a—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, first quarter 1998 (continued)**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	13,690	488.84	684	702.57	0	--	0	--	12,372	464.93
Other firs	571	578.40	136	572.17	0	--	0	--	411	595.50
Cedars	4,258	764.12	259	444.74	0	--	0	--	3,923	787.68
Hemlock	592	662.68	74	894.94	0	--	0	--	501	614.66
Spruce	561	336.98	453	248.13	0	--	0	--	108	709.81
Pines	2,208	823.81	0	--	0	--	0	--	2,208	823.81
Redwood	19	795.73	0	--	0	--	0	--	0	--
Other softwoods	2,300	622.17	243	737.59	0	--	0	--	1,947	558.03
All softwoods	24,200	583.60	1,850	557.79	0	--	0	--	21,472	576.49
Red alder	178	1,140.06	0	--	0	--	0	--	89	797.67
All hardwoods	5,021	884.28	44	1,470.23	0	--	0	--	4,137	852.09
Total:										
Douglas-fir	26,788	652.96	12,278	810.33	0	--	123	1,457.56	12,485	463.85
Other firs	2,136	526.19	1,683	506.62	0	--	0	--	411	595.50
Cedars	4,595	771.77	412	569.13	0	--	28	1,589.67	3,923	787.68
Hemlock	4,179	848.49	3,328	888.41	0	--	0	--	501	614.66
Spruce	4,009	306.24	3,617	224.54	0	--	148	2,009.57	108	709.81
Pines	2,655	758.35	412	444.71	0	--	0	--	2,243	815.94
Redwood	28	1,286.02	9	2,360.00	0	--	0	--	0	--
Other softwoods	16,850	601.87	14,610	598.02	0	--	0	--	1,947	558.03
All softwoods	61,241	638.91	36,349	653.29	0	--	300	1,743.16	21,619	574.86
Red alder	5,547	1,087.93	1,416	1,192.97	415	550.79	226	455.67	89	797.67
All hardwoods	16,062	1,138.85	4,279	1,384.01	1,035	928.93	405	1,183.15	4,137	852.09

<sup>a</sup> Bellingham, Blaine, Boundary, Friday Harbor, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 59b—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, second quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	232	637.03	213	510.61	0	--	0	--	0	--
Other softwoods	4,721	505.23	4,721	505.23	0	--	0	--	0	--
All softwoods	4,953	511.39	4,934	505.46	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	60	432.11	60	432.11	0	--	0	--	0	--
Seattle:										
Douglas-fir	6,069	752.32	5,261	745.42	0	--	0	--	0	--
Other firs	357	950.72	334	906.17	23	1,588.92	0	--	0	--
Cedars	128	1,450.82	35	1,027.15	0	--	0	--	0	--
Hemlock	1,598	956.28	1,263	1,147.98	0	--	0	--	0	--
Spruce	670	331.92	619	292.81	0	--	51	804.16	0	--
Pines	425	821.45	309	923.00	116	549.91	0	--	0	--
Redwood	119	823.56	104	690.57	0	--	0	--	0	--
Other softwoods	5,285	619.40	5,180	626.70	0	--	90	223.46	0	--
All softwoods	14,651	720.91	13,106	724.51	139	724.13	142	433.83	0	--
Red alder	4,516	842.80	1,058	1,183.43	673	518.32	283	397.93	0	--
All hardwoods	8,843	1,091.19	3,604	1,361.28	956	673.00	754	1,002.23	0	--
Tacoma:										
Douglas-fir	8,392	877.03	4,823	671.83	0	--	0	--	0	--
Other firs	914	579.56	665	647.94	0	--	0	--	0	--
Cedars	365	1,281.80	82	2,526.13	0	--	0	--	0	--
Hemlock	4,217	750.21	879	839.40	0	--	0	--	0	--
Spruce	246	246.73	246	246.73	0	--	0	--	0	--
Pines	241	795.56	137	771.08	0	--	0	--	0	--
Redwood	1,040	577.36	1,040	577.36	0	--	0	--	0	--
Other softwoods	1,886	660.07	462	829.26	0	--	0	--	0	--
All softwoods	17,300	787.20	8,333	691.82	0	--	0	--	0	--
Red alder	1,637	973.14	326	1,534.08	0	--	93	405.09	0	--
All hardwoods	2,894	991.61	557	1,547.15	94	806.54	93	405.09	0	--

**Table 59b—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, second quarter 1998 (continued)**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	12,580	457.68	1,217	644.01	0	--	0	--	10,864	426.44
Other firs	363	517.26	0	--	0	--	0	--	363	517.26
Cedars	4,754	688.85	116	603.57	0	--	0	--	4,639	690.98
Hemlock	919	622.55	41	1,284.95	0	--	0	--	805	546.38
Spruce	143	408.52	97	345.24	0	--	0	--	46	542.69
Pines	1,852	684.82	440	362.87	0	--	0	--	1,412	785.08
Redwood	445	547.09	392	423.88	0	--	0	--	4	1,000.64
Other softwoods	1,860	592.48	51	777.38	0	--	0	--	1,764	596.55
All softwoods	22,917	543.92	2,353	554.43	0	--	0	--	19,896	535.54
Red alder	3,413	1,473.69	0	--	0	--	0	--	71	740.87
All hardwoods	8,393	1,075.67	0	--	0	--	0	--	5,016	797.10
Total:										
Douglas-fir	27,332	653.31	11,573	698.15	0	--	0	--	10,864	426.44
Other firs	1,633	646.89	999	734.24	23	1,588.92	0	--	363	517.26
Cedars	5,247	748.70	232	1,344.06	0	--	0	--	4,639	690.98
Hemlock	6,734	781.69	2,183	1,026.28	0	--	0	--	805	546.38
Spruce	1,059	322.48	962	286.33	0	--	51	804.16	46	542.69
Pines	2,518	718.48	886	621.48	116	549.91	0	--	1,412	785.08
Redwood	1,605	587.29	1,536	545.89	0	--	0	--	4	1,000.64
Other softwoods	13,752	582.14	10,414	581.35	0	--	90	223.46	1,764	596.55
All softwoods	59,881	654.71	28,786	662.99	139	724.13	142	433.83	19,896	535.54
Red alder	9,566	1,090.19	1,384	1,266.07	673	518.32	376	399.70	71	740.87
All hardwoods	20,130	1,070.40	4,161	1,386.15	1,050	684.91	847	936.77	5,016	797.10

<sup>a</sup> Bellingham, Blaine, Frontier, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 59c—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, third quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Aberdeen-Hoquiam:</b>										
Douglas-fir	178	459.77	178	459.77	0	--	0	--	0	--
Other firs	126	385.81	126	385.81	0	--	0	--	0	--
Other softwoods	5,382	444.72	5,382	444.72	0	--	0	--	0	--
All softwoods	5,686	443.88	5,686	443.88	0	--	0	--	0	--
<b>Seattle:</b>										
Douglas-fir	8,257	722.79	7,568	714.07	0	--	53	851.72	0	--
Other firs	1,079	668.90	902	619.79	0	--	23	3,132.66	0	--
Cedars	258	354.46	228	338.71	0	--	0	--	0	--
Hemlock	1,317	931.78	1,134	961.50	0	--	38	393.33	0	--
Spruce	2,221	259.74	1,617	235.74	0	--	604	324.04	0	--
Pines	505	573.99	168	624.27	337	548.95	0	--	0	--
Redwood	6	2,528.57	6	2,528.57	0	--	0	--	0	--
Other softwoods	4,718	547.68	4,620	543.61	0	--	0	--	0	--
All softwoods	18,361	624.91	16,244	624.46	337	548.95	719	458.00	0	--
Red alder	4,188	861.82	815	1,215.48	333	633.03	407	485.38	0	--
All hardwoods	7,859	1,060.72	2,583	1,482.06	532	755.23	1,258	786.42	0	--
<b>Tacoma:</b>										
Douglas-fir	4,710	725.26	3,877	703.87	0	--	0	--	0	--
Other firs	723	582.68	640	583.31	0	--	0	--	0	--
Cedars	333	455.38	110	472.79	0	--	0	--	0	--
Hemlock	3,510	747.92	1,156	950.31	151	2,158.18	0	--	0	--
Spruce	405	568.38	52	1,501.93	0	--	33	3,086.07	0	--
Pines	64	1,001.26	50	1,100.00	0	--	0	--	0	--
Other softwoods	2,645	523.59	2,328	552.53	0	--	0	--	0	--
All softwoods	12,390	669.35	8,213	690.60	151	2,158.18	33	3,086.07	0	--
Red alder	2,241	835.71	639	1,158.40	130	486.33	0	--	0	--
All hardwoods	2,917	892.23	821	1,164.92	261	556.94	45	1,524.03	0	--

**Table 59c—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, third quarter 1998 (continued)**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	8,948	552.62	2,370	716.76	0	--	0	--	6,166	487.94
Other firs	707	530.46	294	513.21	0	--	0	--	413	542.75
Cedars	3,763	684.65	0	--	0	--	0	--	3,763	684.65
Hemlock	772	614.47	203	468.49	0	--	0	--	569	666.64
Spruce	25	275.24	17	200.24	0	--	0	--	8	421.50
Pines	1,519	965.38	0	--	0	--	0	--	1,519	965.38
Redwood	52	642.71	0	--	0	--	0	--	0	--
Other softwoods	1,918	515.95	411	483.17	0	--	0	--	1,480	496.69
All softwoods	17,705	613.82	3,296	651.53	0	--	0	--	13,919	603.07
Red alder	1,005	1,262.44	0	--	0	--	0	--	137	602.20
All hardwoods	4,442	1,124.59	0	--	0	--	0	--	3,553	1,061.66
Total:										
Douglas-fir	22,093	652.27	13,994	708.46	0	--	53	851.72	6,166	487.94
Other firs	2,635	594.54	1,962	576.86	0	--	23	3,132.66	413	542.75
Cedars	4,355	647.50	339	382.34	0	--	0	--	3,763	684.65
Hemlock	5,600	772.77	2,494	916.10	151	2,158.18	38	393.33	569	666.64
Spruce	2,651	307.00	1,686	274.22	0	--	637	469.12	8	421.50
Pines	2,089	871.92	218	733.48	337	548.95	0	--	1,519	965.38
Redwood	58	836.85	6	2,528.57	0	--	0	--	0	--
Other softwoods	14,663	501.39	12,741	501.52	0	--	0	--	1,480	496.69
All softwoods	54,143	612.44	33,439	612.66	488	1,046.68	752	574.97	13,919	603.07
Red alder	7,434	908.11	1,454	1,190.40	463	591.96	407	485.38	137	602.20
All hardwoods	15,217	1,047.07	3,404	1,405.55	793	690.05	1,303	812.08	3,553	1,061.66

<sup>a</sup> Bellingham, Blaine, Frontier, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.



**Table 59d—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Aberdeen-Hoquiam:</b>										
Douglas-fir	46	676.93	46	676.93	0	--	0	--	0	--
Other softwoods	6,345	438.07	6,345	438.07	0	--	0	--	0	--
All softwoods	6,392	439.80	6,392	439.80	0	--	0	--	0	--
<b>Seattle:</b>										
Douglas-fir	8,782	739.39	7,331	733.91	0	--	0	--	0	--
Other firs	1,756	517.06	1,756	517.06	0	--	0	--	0	--
Cedars	1,314	585.40	1,117	574.44	0	--	125	588.16	0	--
Hemlock	2,566	900.92	2,223	969.86	0	--	0	--	0	--
Spruce	3,156	561.36	648	360.87	0	--	2,508	613.19	0	--
Pines	372	520.72	238	552.82	0	--	0	--	0	--
Redwood	15	800.38	15	800.38	0	--	0	--	0	--
Other softwoods	6,072	589.50	5,848	594.16	0	--	0	--	0	--
All softwoods	24,032	667.37	19,176	674.69	0	--	2,633	612.00	0	--
Red alder	3,904	849.25	461	1,214.64	1,140	693.53	430	604.56	0	--
All hardwoods	8,752	1,009.24	2,470	1,332.18	1,503	715.01	1,635	1,083.85	0	--
<b>Tacoma:</b>										
Douglas-fir	4,889	787.38	4,008	783.48	0	--	0	--	0	--
Other firs	1,777	487.39	1,777	487.39	0	--	0	--	0	--
Cedars	65	805.99	0	--	0	--	0	--	0	--
Hemlock	1,206	707.13	933	719.46	105	331.45	0	--	0	--
Spruce	122	1,161.54	122	1,161.54	0	--	0	--	0	--
Pines	36	672.33	36	672.33	0	--	0	--	0	--
Redwood	88	2,322.15	88	2,322.15	0	--	0	--	0	--
Other softwoods	4,257	624.74	4,257	624.74	0	--	0	--	0	--
All softwoods	12,440	695.35	11,221	686.83	105	331.45	0	--	0	--
Red alder	3,554	853.63	922	1,162.34	326	732.03	0	--	0	--
All hardwoods	5,064	926.21	1,447	1,185.81	485	670.47	25	1,023.02	0	--

**Table 59d—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1998 (continued)**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Other ports: <sup>a</sup>										
Douglas-fir	8,501	529.82	1,798	660.22	0	--	0	--	6,334	485.63
Other firs	111	498.06	38	514.27	0	--	0	--	74	489.77
Cedars	3,738	708.12	22	966.26	0	--	0	--	3,715	706.56
Hemlock	1,156	574.89	336	485.68	0	--	0	--	819	611.54
Spruce	591	325.03	230	338.41	0	--	0	--	224	387.81
Pines	2,087	808.03	0	--	0	--	0	--	2,087	808.03
Redwood	41	1,026.53	0	--	0	--	0	--	0	--
Other softwoods	1,769	597.33	444	514.07	0	--	0	--	1,325	625.21
All softwoods	17,993	602.87	2,868	591.81	0	--	0	--	14,578	606.37
Red alder	3,328	1,139.77	22	533.13	0	--	0	--	83	769.56
All hardwoods	6,471	1,013.61	22	533.13	19	1,539.64	18	851.63	2,677	821.23
Total:										
Douglas-fir	22,218	669.64	13,183	738.73	0	--	0	--	6,334	485.63
Other firs	3,644	502.01	3,570	502.27	0	--	0	--	74	489.77
Cedars	5,117	677.86	1,140	582.16	0	--	125	588.16	3,715	706.56
Hemlock	4,927	777.03	3,492	856.32	105	331.45	0	--	819	611.54
Spruce	3,869	544.18	1,000	453.37	0	--	2,508	613.19	224	387.81
Pines	2,496	763.17	275	568.68	0	--	0	--	2,087	808.03
Redwood	144	1,794.31	103	2,102.06	0	--	0	--	0	--
Other softwoods	18,444	546.29	17	541.14	0	--	0	--	1,325	625.21
All softwoods	60,857	630.12	39,657	634.27	105	331.45	2,633	612.00	14,578	606.37
Red alder	10,786	940.33	1,405	1,169.63	1,466	702.09	430	604.56	83	769.56
All hardwoods	20,288	989.91	3,939	1,273.93	2,007	712.25	1,678	1,080.44	2,677	821.23

<sup>a</sup> Bellingham, Blaine, Frontier, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

**Table 60—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Coos Bay:</b>										
Douglas-fir	25,494	617.16	3,234	539.12	0	--	0	--	0	--
Other firs	474	722.05	0	--	0	--	0	--	0	--
Cedars	238	952.37	0	--	0	--	0	--	0	--
Hemlock	100	416.29	54	349.85	0	--	0	--	0	--
Pines	27	459.50	0	--	0	--	0	--	0	--
Redwood	47	1,842.39	0	--	0	--	0	--	0	--
Other softwoods	531	246.58	0	--	0	--	0	--	0	--
All softwoods	26,911	615.88	3,289	536.00	0	--	0	--	0	--
All hardwoods	266	1,505.58	0	--	0	--	12	2,376.01	0	--
<b>Longview (Washington):</b>										
Douglas-fir	10,799	913.41	1,908	653.86	0	--	0	--	0	--
Other firs	1,034	687.45	728	337.28	0	--	0	--	0	--
Cedars	368	920.67	0	--	0	--	0	--	0	--
Hemlock	310	888.73	19	367.11	0	--	0	--	0	--
Spruce	391	235.48	325	212.31	0	--	0	--	0	--
Pines	753	580.13	0	--	0	--	0	--	0	--
Redwood	32	2,776.84	0	--	0	--	0	--	0	--
Other softwoods	4,008	639.78	3,211	511.70	0	--	0	--	0	--
All softwoods	17,695	812.11	6,192	518.84	0	--	0	--	0	--
Red alder	369	1,192.56	0	--	0	--	0	--	0	--
All hardwoods	2,250	1,131.48	291	360.45	0	--	0	--	89	685.37
<b>Portland:</b>										
Douglas-fir	86,653	829.86	64,256	722.04	0	--	0	--	260	304.99
Other firs	12,349	678.18	10,985	673.78	0	--	0	--	0	--
Cedars	2,894	865.92	2,698	874.16	0	--	0	--	34	684.43
Hemlock	6,894	552.61	6,644	535.30	0	--	0	--	51	892.87
Spruce	789	545.40	627	631.28	156	200.27	0	--	0	--
Pines	6,256	638.70	3,283	726.83	91	838.74	71	588.95	172	398.87
Redwood	2,839	870.54	2,820	864.67	0	--	18	1,400.88	0	--
Other softwoods	11,260	568.21	9,439	571.38	0	--	189	266.33	0	--
All softwoods	129,933	768.82	100,751	698.01	247	436.13	278	421.33	517	419.23
Red alder	10,753	1,024.36	1,578	1,354.94	512	706.16	212	602.98	1,583	769.46
All hardwoods	19,621	1,107.67	5,352	1,345.17	640	702.06	257	727.53	2,081	794.48
<b>Total:</b>										
Douglas-fir	122,946	793.10	69,399	711.64	0	--	0	--	260	304.99
Other firs	13,858	680.38	11,713	652.85	0	--	0	--	0	--
Cedars	3,500	877.55	2,698	874.16	0	--	0	--	34	684.43
Hemlock	7,303	565.00	6,717	533.33	0	--	0	--	51	892.87
Spruce	1,180	442.69	952	488.26	156	200.27	0	--	0	--
Pines	7,036	631.74	3,283	726.83	91	838.74	71	588.95	172	398.87
Redwood	2,918	906.83	2,820	864.67	0	--	18	1,400.88	0	--
Other softwoods	15,799	575.56	12,650	556.23	0	--	189	266.33	0	--
All softwoods	174,539	749.63	110,232	683.11	247	436.13	278	421.33	517	419.23
Red alder	11,122	1,029.95	1,578	1,354.94	512	706.16	212	602.98	1,583	769.46
All hardwoods	22,137	1,114.87	5,642	1,294.44	640	702.06	269	800.33	2,170	790.00

Source: U.S. Department of Commerce.

**Table 61a—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, first quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Coos Bay:</b>										
Douglas-fir	10,452	613.02	3,234	539.12	0	--	0	--	0	--
Other firs	212	470.24	0	--	0	--	0	--	0	--
Cedars	22	2,330.66	0	--	0	--	0	--	0	--
Pines	27	459.50	0	--	0	--	0	--	0	--
Redwood	26	1,427.06	0	--	0	--	0	--	0	--
All softwoods	10,739	615.22	3,234	539.12	0	--	0	--	0	--
All hardwoods	44	3,067.98	0	--	0	--	12	2,376.01	0	--
<b>Longview (Washington):</b>										
Douglas-fir	4,203	914.78	1,051	671.67	0	--	0	--	0	--
Other firs	919	574.70	728	337.28	0	--	0	--	0	--
Cedars	57	735.39	0	--	0	--	0	--	0	--
Hemlock	221	628.74	0	--	0	--	0	--	0	--
Spruce	325	212.31	325	212.31	0	--	0	--	0	--
Pines	326	650.67	0	--	0	--	0	--	0	--
Redwood	11	1,998.01	0	--	0	--	0	--	0	--
Other softwoods	1,221	564.65	1,060	545.25	0	--	0	--	0	--
All softwoods	7,284	761.54	3,164	505.18	0	--	0	--	0	--
Red alder	289	1,203.13	0	--	0	--	0	--	0	--
All hardwoods	412	1,525.98	0	--	0	--	0	--	0	--
<b>Portland:</b>										
Douglas-fir	15,736	909.77	9,555	686.25	0	--	0	--	0	--
Other firs	4,931	651.28	4,689	650.49	0	--	0	--	0	--
Cedars	731	591.06	664	546.52	0	--	0	--	34	684.43
Hemlock	2,650	472.16	2,589	463.47	0	--	0	--	0	--
Spruce	60	538.97	53	541.62	0	--	0	--	0	--
Pines	1,247	806.24	903	872.11	0	--	0	--	118	368.49
Redwood	864	878.58	859	861.32	0	--	4	2,900.70	0	--
Other softwoods	3,533	543.29	2,412	572.67	0	--	62	224.15	0	--
All softwoods	29,751	770.62	21,724	649.40	0	--	66	378.57	152	439.78
Red alder	3,701	1,060.87	256	1,313.04	39	837.52	194	395.14	553	767.28
All hardwoods	5,880	1,166.68	1,281	1,528.88	80	1,001.70	194	395.14	742	799.26
<b>Total:</b>										
Douglas-fir	30,391	808.41	13,841	650.76	0	--	0	--	0	--
Other firs	6,063	633.33	5,417	608.38	0	--	0	--	0	--
Cedars	810	647.68	664	546.52	0	--	0	--	34	684.43
Hemlock	2,870	484.20	2,589	463.47	0	--	0	--	0	--
Spruce	385	263.03	378	258.77	0	--	0	--	0	--
Pines	1,600	768.65	903	872.11	0	--	0	--	118	368.49
Redwood	901	907.99	859	861.32	0	--	4	2,900.70	0	--
Other softwoods	4,754	548.78	3,472	564.30	0	--	62	224.15	0	--
All softwoods	47,774	734.31	28,123	620.49	0	--	66	378.57	152	439.78
Red alder	3,990	1,071.16	256	1,313.04	39	837.52	194	395.14	553	767.28
All hardwoods	6,336	1,203.26	1,281	1,528.88	80	1,001.70	206	509.50	742	799.26

Source: U.S. Department of Commerce.

**Table 61b—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, second quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	5,489	613.30	0	--	0	--	0	--	0	--
Other firs	123	512.10	0	--	0	--	0	--	0	--
Cedars	32	2,187.69	0	--	0	--	0	--	0	--
Hemlock	46	495.03	0	--	0	--	0	--	0	--
Redwood	14	2,777.65	0	--	0	--	0	--	0	--
Other softwoods	13	2,118.18	0	--	0	--	0	--	0	--
All softwoods	5,718	627.84	0	--	0	--	0	--	0	--
All hardwoods	173	1,299.61	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	1,651	940.78	322	773.70	0	--	0	--	0	--
Cedars	118	471.20	0	--	0	--	0	--	0	--
Hemlock	14	884.65	0	--	0	--	0	--	0	--
Pines	111	766.10	0	--	0	--	0	--	0	--
Other softwoods	550	671.73	327	599.33	0	--	0	--	0	--
All softwoods	2,444	849.31	648	685.83	0	--	0	--	0	--
Red alder	29	877.71	0	--	0	--	0	--	0	--
All hardwoods	472	872.57	0	--	0	--	0	--	0	--
Portland:										
Douglas-fir	20,917	847.06	14,569	777.63	0	--	0	--	11	1,452.31
Other firs	1,476	723.15	1,336	729.26	0	--	0	--	0	--
Cedars	641	1,006.99	641	1,006.99	0	--	0	--	0	--
Hemlock	988	515.03	970	502.68	0	--	0	--	0	--
Spruce	39	1,604.41	39	1,604.41	0	--	0	--	0	--
Pines	1,874	658.86	860	763.73	0	--	71	588.95	0	--
Redwood	1,204	640.35	1,204	640.35	0	--	0	--	0	--
Other softwoods	1,613	596.87	1,376	548.69	0	--	28	508.74	0	--
All softwoods	28,753	798.91	20,995	746.92	0	--	99	565.99	11	1,452.31
Red alder	2,239	982.26	358	1,317.87	75	675.37	0	--	263	785.21
All hardwoods	4,347	1,052.67	1,263	1,405.59	127	598.34	0	--	292	805.02
Total:										
Douglas-fir	28,058	806.84	14,891	777.54	0	--	0	--	11	1,452.31
Other firs	1,600	706.88	1,336	729.26	0	--	0	--	0	--
Cedars	791	975.27	641	1,006.99	0	--	0	--	0	--
Hemlock	1,048	519.23	970	502.68	0	--	0	--	0	--
Spruce	39	1,604.41	39	1,604.41	0	--	0	--	0	--
Pines	1,985	664.86	860	763.73	0	--	71	588.95	0	--
Redwood	1,219	665.62	1,204	640.35	0	--	0	--	0	--
Other softwoods	2,176	624.69	1,703	558.41	0	--	28	508.74	0	--
All softwoods	36,915	775.75	21,643	745.09	0	--	99	565.99	11	1,452.31
Red alder	2,268	980.93	358	1,317.87	75	675.37	0	--	263	785.21
All hardwoods	4,992	1,044.19	1,263	1,405.59	127	598.34	0	--	292	805.02

Source: U.S. Department of Commerce.

**Table 61c—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, third quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>Coos Bay:</b>										
Douglas-fir	4,058	592.49	0	--	0	--	0	--	0	--
Other firs	118	994.74	0	--	0	--	0	--	0	--
Cedars	115	637.25	0	--	0	--	0	--	0	--
Redwood	6	1,411.44	0	--	0	--	0	--	0	--
All softwoods	4,298	605.96	0	--	0	--	0	--	0	--
All hardwoods	15	1,814.30	0	--	0	--	0	--	0	--
<b>Longview (Washington):</b>										
Douglas-fir	2,797	925.54	318	501.50	0	--	0	--	0	--
Other firs	14	602.63	0	--	0	--	0	--	0	--
Cedars	94	1,416.12	0	--	0	--	0	--	0	--
Hemlock	56	2,102.96	0	--	0	--	0	--	0	--
Spruce	62	211.67	0	--	0	--	0	--	0	--
Pines	111	536.50	0	--	0	--	0	--	0	--
Redwoods	14	2,877.41	0	--	0	--	0	--	0	--
Other softwoods	2,007	697.22	1,659	470.21	0	--	0	--	0	--
All softwoods	5,154	845.70	1,977	475.24	0	--	0	--	0	--
Red alder	11	2,876.40	0	--	0	--	0	--	0	--
All hardwoods	581	658.14	291	360.45	0	--	0	--	0	--
<b>Portland:</b>										
Douglas-fir	22,770	811.16	17,172	707.14	0	--	0	--	0	--
Other firs	2,404	753.20	1,892	745.76	0	--	0	--	0	--
Cedars	1,120	757.79	1,054	759.62	0	--	0	--	0	--
Hemlock	1,427	593.48	1,381	570.11	0	--	0	--	0	--
Spruce	139	733.94	139	733.94	0	--	0	--	0	--
Pines	1,351	512.27	884	480.95	68	841.64	0	--	0	--
Redwood	228	1,173.99	228	1,173.99	0	--	0	--	0	--
Other softwoods	2,332	567.21	2,188	577.01	0	--	98	223.04	0	--
All softwoods	31,772	766.76	24,936	689.67	68	841.64	98	223.04	0	--
Red alder	1,929	1,121.32	381	1,454.38	222	879.03	18	2,811.86	73	842.44
All hardwoods	4,122	1,131.51	1,250	1,193.72	222	879.03	18	2,811.86	122	916.35
<b>Total:</b>										
Douglas-fir	29,626	792.00	17,489	703.40	0	--	0	--	0	--
Other firs	2,537	763.60	1,892	745.76	0	--	0	--	0	--
Cedars	1,329	793.77	1,054	759.62	0	--	0	--	0	--
Hemlock	1,483	649.99	1,381	570.11	0	--	0	--	0	--
Spruce	200	572.73	139	733.94	0	--	0	--	0	--
Pines	1,462	514.11	884	480.95	68	841.64	0	--	0	--
Redwood	248	1,276.17	228	1,173.99	0	--	0	--	0	--
Other softwoods	4,339	627.35	3,847	530.96	0	--	98	223.04	0	--
All softwoods	41,224	759.86	26,913	673.92	68	841.64	98	223.04	0	--
Red alder	1,941	1,131.67	381	1,454.38	222	879.03	18	2,811.86	73	842.44
All hardwoods	4,718	1,075.32	1,540	1,036.47	222	879.03	18	2,811.86	122	916.35

Source: U.S. Department of Commerce.

**Table 61d—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	5,494	647.13	0	--	0	--	0	--	0	--
Other firs	20	3,038.20	0	--	0	--	0	--	0	--
Cedars	69	472.01	0	--	0	--	0	--	0	--
Hemlock	54	349.85	54	349.85	0	--	0	--	0	--
Other softwoods	518	200.67	0	--	0	--	0	--	0	--
All softwoods	6,157	612.86	54	349.85	0	--	0	--	0	--
All hardwoods	34	403.59	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	2,147	873.88	218	613.26	0	--	0	--	0	--
Other firs	100	1,731.91	0	--	0	--	0	--	0	--
Cedars	99	1,093.61	0	--	0	--	0	--	0	--
Hemlock	19	367.11	19	367.11	0	--	0	--	0	--
Spruce	4	2,360.00	0	--	0	--	0	--	0	--
Pines	206	391.14	0	--	0	--	0	--	0	--
Redwood	7	3,835.00	0	--	0	--	0	--	0	--
Other softwoods	229	460.37	166	539.73	0	--	0	--	0	--
All softwoods	2,812	849.23	403	571.34	0	--	0	--	0	--
Red alder	40	863.61	0	--	0	--	0	--	0	--
All hardwoods	785	1,430.82	0	--	0	--	0	--	89	685.37
Portland:										
Douglas-fir	27,229	786.11	22,960	712.81	0	--	0	--	249	254.17
Other firs	3,538	645.93	3,068	640.82	0	--	0	--	0	--
Cedars	401	1,443.08	339	1,621.22	0	--	0	--	0	--
Hemlock	1,829	657.59	1,705	634.75	0	--	0	--	51	892.87
Spruce	552	424.82	397	512.87	156	200.27	0	--	0	--
Pines	1,783	596.15	636	812.38	23	830.33	0	--	55	464.33
Redwood	543	1,240.95	529	1,247.53	0	--	14	991.84	0	--
Other softwoods	3,782	579.87	3,463	575.93	0	--	0	--	0	--
All softwoods	39,658	747.32	33,096	705.17	179	282.39	14	991.84	354	378.28
Red alder	2,883	945.34	584	1,331.21	176	471.97	0	--	694	757.56
All hardwoods	5,272	1,068.57	1,558	1,266.54	211	464.39	45	1,315.03	925	771.27
Total:										
Douglas-fir	34,871	769.92	23,178	711.88	0	--	0	--	249	254.17
Other firs	3,658	689.04	3,068	640.82	0	--	0	--	0	--
Cedars	570	1,263.88	339	1,621.22	0	--	0	--	0	--
Hemlock	1,902	645.90	1,778	623.19	0	--	0	--	51	892.87
Spruce	556	439.56	397	512.87	156	200.27	0	--	0	--
Pines	1,989	574.96	636	812.38	23	830.33	0	--	55	464.33
Redwood	550	1,272.93	529	1,247.53	0	--	14	991.84	0	--
Other softwoods	4,530	530.44	3,628	574.28	0	--	0	--	0	--
All softwoods	48,626	736.18	33,553	702.99	179	282.39	14	991.84	354	378.28
Red alder	2,924	944.21	584	1,331.21	176	471.97	0	--	694	757.56
All hardwoods	6,092	1,111.49	1,558	1,266.54	211	464.39	45	1,315.03	1,014	763.73

Source: U.S. Department of Commerce.

**Table 62—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	372	1,450.57	103	1,019.01	0	--	0	--	5	1,688.90
Other firs	191	457.93	0	--	0	--	34	322.82	0	--
Cedars	4,947	782.16	1,307	1,356.03	153	287.11	138	567.51	0	--
Hemlock	234	823.57	84	912.51	0	--	0	--	0	--
Pines	1,223	603.94	394	764.08	0	--	0	--	56	1,089.89
Redwood	8,272	1,077.70	5,942	671.10	0	--	0	--	87	1,168.17
Other softwoods	5,389	264.44	2,886	263.17	0	--	2,181	223.82	111	451.04
All softwoods	20,627	764.36	10,717	653.41	153	287.11	2,353	245.38	258	853.65
Red alder	931	1,483.55	12	2,599.37	0	--	0	--	0	--
All hardwoods	6,578	969.72	2,348	822.83	28	1,452.12	212	754.69	1,310	286.19
Sacramento:										
Redwood	79	647.39	79	647.39	0	--	0	--	0	--
Other ports: <sup>a</sup>										
All hardwoods	69	867.68	0	--	0	--	0	--	61	655.59
Total:										
Douglas-fir	372	1,450.57	103	1,019.01	0	--	0	--	5	1,688.90
Other firs	191	457.93	0	--	0	--	34	322.82	0	--
Cedars	4,947	782.16	1,307	1,356.03	153	287.11	138	567.51	0	--
Hemlock	234	823.57	84	912.51	0	--	0	--	0	--
Pines	1,223	603.94	394	764.08	0	--	0	--	56	1,089.89
Redwood	8,350	1,073.64	6,021	670.79	0	--	0	--	87	1,168.17
Other softwoods	5,389	264.44	2,886	263.17	0	--	2,181	223.82	111	451.04
All softwoods	20,706	763.91	10,795	653.37	153	287.11	2,353	245.38	258	853.65
Red alder	931	1,483.55	12	2,599.37	0	--	0	--	0	--
All hardwoods	6,647	968.66	2,348	822.83	28	1,452.12	212	754.69	1,371	302.63

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.



**Table 63a—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, first quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	55	2,212.54	0	--	0	--	0	--	0	--
Other firs	107	348.81	0	--	0	--	34	322.82	0	--
Cedars	1,036	1,156.45	526	1,667.65	108	227.27	28	551.04	0	--
Hemlock	150	773.57	0	--	0	--	0	--	0	--
Pines	131	1,143.56	90	1,015.57	0	--	0	--	21	866.94
Redwood	1,441	1,139.33	1,008	727.83	0	--	0	--	0	--
Other softwoods	589	333.68	369	218.21	0	--	188	223.70	0	--
All softwoods	3,509	986.37	1,993	894.27	108	227.27	250	274.40	21	866.94
Red alder	438	1,452.31	0	--	0	--	0	--	0	--
All hardwoods	1,130	1,402.45	456	1,340.24	16	1,227.90	0	--	24	305.56
Other: <sup>a</sup>										
All hardwoods	8	2,564.40	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	55	2,212.54	0	--	0	--	0	--	0	--
Other firs	107	348.81	0	--	0	--	34	322.82	0	--
Cedars	1,036	1,156.45	526	1,667.65	108	227.27	28	551.04	0	--
Hemlock	150	773.57	0	--	0	--	0	--	0	--
Pines	131	1,143.56	90	1,015.57	0	--	0	--	21	866.94
Redwood	1,441	1,139.33	1,008	727.83	0	--	0	--	0	--
Other softwoods	589	333.68	369	218.21	0	--	188	223.70	0	--
All softwoods	3,509	986.37	1,993	894.27	108	227.27	250	274.40	21	866.94
Red alder	438	1,452.31	0	--	0	--	0	--	0	--
All hardwoods	1,137	1,410.24	456	1,340.24	16	1,227.90	0	--	24	305.56

<sup>a</sup> San Francisco International Airport.

Source: U.S. Department of Commerce.

**Table 63b—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, second quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	115	1,265.28	87	1,041.29	0	--	0	--	5	1,688.90
Cedars	546	965.61	223	1,579.54	45	429.17	0	--	0	--
Pines	186	855.95	78	1,262.28	0	--	0	--	15	786.67
Redwood	1,126	1,544.22	645	674.00	0	--	0	--	43	1,005.57
Other softwoods	1,722	221.37	1,047	220.89	0	--	630	223.72	0	--
All softwoods	3,695	799.05	2,080	580.27	45	429.17	630	223.72	63	1,003.11
Red alder	190	1,277.65	0	--	0	--	0	--	0	--
All hardwoods	1,364	1,270.34	360	1,390.36	0	--	136	450.41	16	831.96
Other: <sup>a</sup>										
All hardwoods	19	659.02	0	--	0	--	0	--	19	659.02
Total:										
Douglas-fir	115	1,265.28	87	1,041.29	0	--	0	--	5	1,688.90
Cedars	546	965.61	223	1,579.54	45	429.17	0	--	0	--
Pines	186	855.95	78	1,262.28	0	--	0	--	15	786.67
Redwood	1,126	1,544.22	645	674.00	0	--	0	--	43	1,005.57
Other softwoods	1,722	221.37	1,047	220.89	0	--	630	223.72	0	--
All softwoods	3,695	799.05	2,080	580.27	45	429.17	630	223.72	63	1,003.11
Red alder	190	1,277.65	0	--	0	--	0	--	0	--
All hardwoods	1,383	1,261.91	360	1,390.36	0	--	136	450.41	35	738.20

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 63c—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, third quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	50	1,548.28	15	891.56	0	--	0	--	0	--
Other firs	6	706.18	0	--	0	--	0	--	0	--
Cedars	1,232	691.64	248	1,184.16	0	--	109	571.79	0	--
Hemlock	39	1,209.17	39	1,209.17	0	--	0	--	0	--
Pines	176	464.70	176	464.70	0	--	0	--	0	--
Redwood	1,767	1,213.36	1,025	683.64	0	--	0	--	17	1,738.96
Other softwoods	1,272	261.84	432	302.07	0	--	706	224.03	0	--
All softwoods	4,542	779.34	1,936	655.02	0	--	816	270.64	17	1,738.96
Red alder	139	1,718.20	12	2,599.37	0	--	0	--	0	--
All hardwoods	3,136	521.27	1,473	454.19	12	1,738.18	0	--	1,231	257.39
Other: <sup>a</sup>										
All hardwoods	21	656.03	0	--	0	--	0	--	21	656.03
Total:										
Douglas-fir	50	1,548.28	15	891.56	0	--	0	--	0	--
Other firs	6	706.18	0	--	0	--	0	--	0	--
Cedars	1,232	691.64	248	1,184.16	0	--	109	571.79	0	--
Hemlock	39	1,209.17	39	1,209.17	0	--	0	--	0	--
Pines	176	464.70	176	464.70	0	--	0	--	0	--
Redwood	1,767	1,213.36	1,025	683.64	0	--	0	--	17	1,738.96
Other softwoods	1,272	261.84	432	302.07	0	--	706	224.03	0	--
All softwoods	4,542	779.34	1,936	655.02	0	--	816	270.64	17	1,738.96
Red alder	139	1,718.20	12	2,599.37	0	--	0	--	0	--
All hardwoods	3,157	522.15	1,473	454.19	12	1,738.18	0	--	1,252	264.00

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 63d—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, fourth quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	151	1,281.23	0	--	0	--	0	--	0	--
Other firs	79	588.43	0	--	0	--	0	--	0	--
Cedars	2,132	605.62	310	803.96	0	--	0	--	0	--
Hemlock	45	657.45	45	657.45	0	--	0	--	0	--
Pines	730	476.50	51	597.87	0	--	0	--	20	1,544.91
Redwood	3,938	860.89	3,264	649.06	0	--	0	--	28	1,078.34
Other softwoods	1,806	284.72	1,038	305.66	0	--	658	223.73	111	451.04
All softwoods	8,881	654.54	4,708	583.09	0	--	658	223.73	158	700.45
Red alder	165	1,606.41	0	--	0	--	0	--	0	--
All hardwoods	949	1,504.94	58	2,851.00	0	--	76	1,302.05	39	958.26
Sacramento:										
Redwood	79	647.39	79	647.39	0	--	0	--	0	--
Other: <sup>a</sup>										
All hardwoods	21	652.07	0	--	0	--	0	--	21	652.07
Total:										
Douglas-fir	151	1,281.23	0	--	0	--	0	--	0	--
Other firs	79	588.43	0	--	0	--	0	--	0	--
Cedars	2,132	605.62	310	803.96	0	--	0	--	0	--
Hemlock	45	657.45	45	657.45	0	--	0	--	0	--
Pines	730	476.50	51	597.87	0	--	0	--	20	1,544.91
Redwood	4,017	856.70	3,343	649.02	0	--	0	--	28	1,078.34
Other softwoods	1,806	284.72	1,038	305.66	0	--	658	223.73	111	451.04
All softwoods	8,960	654.48	4,786	584.14	0	--	658	223.73	158	700.45
Red alder	165	1,606.41	0	--	0	--	0	--	0	--
All hardwoods	970	1,486.31	58	2,581.00	0	--	76	1,302.05	60	850.45

<sup>a</sup> San Pablo Bay.

Source: U.S. Department of Commerce.

**Table 64—Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
All hardwoods	27	1,362.09	0	--	0	--	0	--	0	--
Ketchikan:										
Redwood	458	531.57	458	531.57	0	--	0	--	0	--
Cedars	261	392.87	0	--	0	--	0	--	0	--
Hemlock	4,447	386.06	3,856	420.46	0	--	0	--	70	246.76
Spruce	3,874	540.96	3,792	549.98	0	--	0	--	0	--
All softwoods	9,039	460.01	8,105	487.32	0	--	0	--	70	246.76
Skagway:										
All hardwoods	256	188.34	0	--	0	--	0	--	256	188.34
Total:										
Redwood	458	531.57	458	531.57	0	--	0	--	0	--
Cedars	261	392.87	0	--	0	--	0	--	0	--
Hemlock	4,447	386.06	3,856	420.46	0	--	0	--	70	246.76
Spruce	3,874	540.96	3,792	549.98	0	--	0	--	0	--
All softwoods	9,039	460.01	8,105	487.32	0	--	0	--	70	246.76
All hardwoods	283	299.03	0	--	0	--	0	--	256	188.34

Source: U.S. Department of Commerce.

**Table 65a—Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, first quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Ketchikan:										
Redwood	458	531.57	458	531.57	0	--	0	--	0	--
Hemlock	2,964	447.84	2,964	447.84	0	--	0	--	0	--
Spruce	988	804.12	988	804.12	0	--	0	--	0	--
All softwoods	4,409	536.37	4,409	536.37	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 65b—Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, second quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Ketchikan:										
Cedars	261	392.87	0	--	0	--	0	--	0	--
Hemlock	592	161.84	0	--	0	--	0	--	0	--
Spruce	82	124.99	0	--	0	--	0	--	0	--
All softwoods	934	233.04	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 65c—Volume and average value of lumber exports by port, species, and destination,  
Anchorage Customs District, third quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
All hardwoods	8	606.52	0	--	0	--	0	--	0	--
Skagway:										
All hardwoods	256	188.34	0	--	0	--	0	--	256	188.34
Total:										
All hardwoods	265	201.72	0	--	0	--	0	--	256	188.34

Source: U.S. Department of Commerce.



**Table 65d—Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, fourth quarter 1998**

(Volume in thousand board feet; value in dollars per thousand board feet)

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
All hardwoods	18	1,713.52	0	--	0	--	0	--	0	--
Ketchikan:										
Hemlock	892	329.52	892	329.52	0	--	0	--	0	--
Spruce	2,803	460.41	2,803	460.41	0	--	0	--	0	--
All softwoods	3,696	428.80	3,696	428.80	0	--	0	--	0	--
Total:										
Hemlock	892	329.52	892	329.52	0	--	0	--	0	--
Spruce	2,803	460.41	2,803	460.41	0	--	0	--	0	--
All softwoods	3,696	428.80	3,696	428.80	0	--	0	--	0	--
All hardwoods	18	1,713.52	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 66—Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1987-98<sup>a</sup>**

(Volume in thousand board feet; value in dollars per thousand board feet)

Year and quarter	Total		Douglas-fir		Western hemlock		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	31,315	272.65	9,853	312.90	389	372.75	21,073	251.98
1988	31,333	294.35	10,180	298.72	640	343.75	20,513	290.65
1989	32,409	340.92	8,842	368.92	781	355.95	22,786	329.54
1990	44,262	407.23	18,405	399.51	839	671.04	25,018	404.07
1991	18,608	510.26	7,014	618.76	193	694.30	11,401	440.40
1992	16,119	573.49	8,158	662.54	655	716.03	7,306	461.27
1993	16,669	625.05	8,656	728.74	769	756.83	7,244	487.16
1994	11,750	635.06	6,138	719.13	339	634.22	5,273	537.27
1995	13,636	551.63	5,839	653.02	772	624.35	7,025	459.36
1996	12,804	592.79	4,575	716.13	1,071	565.02	7,158	518.13
1997:								
1st quarter	5,361	483.71	2,252	575.90	331	714.07	2,778	381.57
2d quarter	3,238	673.84	1,917	754.16	45	577.78	1,276	556.53
3d quarter	4,220	618.85	2,507	633.37	215	771.46	1,498	572.68
4th quarter	4,551	568.68	919	608.05	264	749.44	3,368	543.79
1997 total	17,370	574.27	7,595	643.85	854	731.12	8,921	500.01
1998:								
1st quarter	5,230	586.78	979	725.34	0	—	4,250	554.86
2d quarter	4,756	693.23	744	754.01	0	—	4,011	681.95
3d quarter	4,145	717.82	597	685.74	7	1,173.45	3,541	722.36
4th quarter	3,324	643.78	792	607.20	0	—	2,533	655.21
1998 total	17,454	657.76	3,112	694.55	7	1,173.45	14,336	649.53

<sup>a</sup> Great Falls Customs District includes all ports in Montana and Idaho.

Source: U.S. Department of Commerce.

**Table 67—Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1987-98**

(Volume in thousand board feet; value in thousands of dollars)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES								
1987	73,644	559.99	7,989	657.90	3,316	699.94	17,337	416.28
1988	121,087	503.59	16,116	574.15	8,767	767.31	6,505	490.39
1989	85,722	741.38	22,108	609.47	64	656.25	10,894	983.75
1990	80,745	965.60	13,439	771.56	0	--	11,363	1,184.72
1991	94,711	941.49	17,432	1,072.74	0	--	14,782	1,031.80
1992	94,954	1,109.87	21,739	1,094.12	210	209.52	9,275	1,224.00
1993	91,661	1,161.64	26,165	1,196.16	301	548.17	14,722	1,409.93
1994	84,835	1,216.99	32,132	1,371.44	11	1,133.14	14,053	1,299.44
1995	93,216	1,174.13	27,333	1,316.39	0	--	5,715	1,326.68
1996	106,015	1,212.20	29,067	1,252.99	0	--	2,049	1,366.24
1997	107,322	1,174.36	31,172	1,269.97	0	--	2,709	1,257.86
1998:								
1st quarter	13,610	1,192.73	6,336	1,139.85	0	--	1,180	1,415.17
2d quarter	17,130	1,119.87	4,835	979.77	0	--	1,187	1,353.09
3d quarter	13,357	1,027.19	4,771	1,076.60	8	606.85	951	1,369.16
4th quarter	16,921	1,000.36	6,050	1,074.85	18	1,713.56	840	1,551.63
1998 total	63,018	1,080.08	21,992	1,073.06	27	1,362.09	4,158	1,414.48
TO JAPAN								
1987	39,778	595.35	4,173	569.37	361	761.77	12,430	301.69
1988	76,276	528.70	9,111	390.74	2,045	709.54	4,168	465.21
1989	42,867	791.69	9,203	665.98	25	760.00	8,041	1,053.97
1990	40,970	1,040.32	4,581	997.36	0	--	8,776	1,278.83
1991	52,801	992.25	8,667	1,155.30	0	--	11,445	1,065.97
1992	41,169	1,175.23	10,514	1,072.38	0	--	7,928	1,218.09
1993	40,028	1,250.50	13,027	1,275.81	92	1,369.57	5,417	1,480.52
1994	33,259	1,420.67	10,152	1,413.42	0	--	4,046	1,480.97
1995	38,123	1,456.84	8,953	1,378.98	0	--	2,239	1,360.88
1996	34,415	1,477.41	9,504	1,387.38	0	--	938	1,315.57
1997	34,630	1,387.85	8,192	1,416.19	0	--	1,319	1,399.16
1998:								
1st quarter	4,135	1,370.26	1,032	1,222.62	0	--	456	1,340.24
2d quarter	3,766	1,395.86	1,071	1,173.71	0	--	360	1,390.36
3d quarter	3,256	1,348.37	1,517	1,027.00	0	--	218	1,788.14
4th quarter	3,694	1,227.44	1,444	1,147.53	0	--	46	2,913.88
1998 total	15,051	1,334.98	5,064	1,132.25	0	--	1,080	1,514.01
TO PEOPLE'S REPUBLIC OF CHINA								
1987	0	--	8	875.00	0	--	6	333.33
1988	127	1,023.62	0	--	0	--	0	--
1989	0	--	8,985	400.67	0	--	0	--
1990	210	600.00	4,217	430.64	0	--	0	--
1991	783	519.80	189	730.16	0	--	0	--
1992	333	633.63	0	--	0	--	53	509.43
1993	78	923.08	0	--	0	--	155	1,619.35
1994	203	724.14	0	--	0	--	92	1,206.52
1995	1,138	790.86	381	687.66	0	--	0	--
1996	704	1,445.01	55	896.45	0	--	49	1,204.08
1997	2,640	1,042.77	743	1,677.76	0	--	90	1,283.48
1998:								
1st quarter	754	790.70	80	1,001.76	0	--	16	1,227.74
2d quarter	961	630.95	127	598.37	0	--	0	--
3d quarter	793	690.05	222	879.05	0	--	25	1,519.24
4th quarter	2,154	704.19	211	464.39	0	--	0	--
1998 total	4,662	700.68	640	702.06	0	--	41	1,408.03

Source: U.S. Department of Commerce.

**Table 68—Volume of lumber exports from British Columbia ports by species and destination, 1988-98**

(In thousand board feet)

Year	Total, all species	Douglas- fir	Hem-fir	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1988	12,202,632	NA	NA	NA	NA	NA	19,272
1989	12,219,744	NA	NA	NA	NA	NA	2,398
1990	10,726,160	654,941	2,681,382	1,012,124	108,901	6,268,812	0
1991	10,478,322	738,594	2,109,779	1,039,977	99,206	6,490,766	NA
1992	11,384,925	716,128	2,022,278	1,004,424	95,363	7,546,730	NA
1993	11,974,849	663,596	2,241,928	1,032,731	105,173	7,931,421	NA
1994	12,271,589	703,609	2,218,517	946,795	108,334	8,139,641	NA
1995	12,500,939	830,686	1,984,977	1,181,420	105,851	8,398,005	NA
1996	12,256,620	801,192	1,863,155	1,141,084	106,854	8,344,335	NA
1997	11,516,058	747,305	1,731,186	969,891	93,266	7,974,410	NA
1998	10,699,390	848,775	1,461,984	783,467	51,253	7,553,911	NA
TO JAPAN							
1988	1,453,419	NA	NA	NA	NA	NA	2,167
1989	1,668,158	NA	NA	NA	NA	NA	1,028
1990	1,669,234	131,840	829,101	153,034	98,641	456,618	0
1991	1,904,373	193,001	877,657	144,311	90,017	599,387	NA
1992	1,962,805	203,486	891,320	174,525	85,762	607,710	NA
1993	2,271,386	205,075	1,097,117	164,749	100,295	704,150	NA
1994	2,246,318	244,610	1,103,547	31,067	102,293	643,783	NA
1995	2,420,462	320,540	1,078,768	175,070	97,437	748,647	NA
1996	2,616,214	435,525	977,918	198,872	98,232	905,667	NA
1997	2,130,206	354,049	832,481	188,103	86,169	669,404	NA
1998	1,575,471	343,745	561,473	118,118	47,409	504,726	NA
TO UNITED STATES <sup>a</sup>							
1988	8,948,832	NA	NA	NA	NA	NA	2,481
1989	8,693,567	NA	NA	NA	NA	NA	231
1990	7,425,801	337,804	1,021,148	764,591	0	5,302,258	0
1991	7,284,884	353,232	678,279	806,012	4,485	5,442,876	NA
1992	8,287,202	355,154	680,856	736,916	3,051	6,511,224	NA
1993	8,925,391	327,425	824,152	768,669	1,020	7,004,125	NA
1994	9,390,341	326,825	883,262	832,279	1,943	7,335,955	NA
1995	9,465,010	388,109	702,895	900,668	5,773	7,467,566	NA
1996	9,148,980	261,063	704,737	844,579	6,643	7,331,958	NA
1997	8,863,227	263,282	742,535	681,492	5,910	7,170,008	NA
1998	8,743,274	416,637	782,098	579,870	3,237	6,961,432	NA
TO PEOPLE'S REPUBLIC OF CHINA							
1988	84,425	NA	NA	NA	NA	NA	0
1989	21,859	NA	NA	NA	NA	NA	0
1990	3,143	0	1,310	199	0	1,634	0
1991	5,829	500	5,001	193	100	35	NA
1992	29,514	3,650	21,539	397	0	3,928	NA
1993	92,088	4,421	70,814	0	8	16,845	NA
1994	19,529	1,153	13,906	0	0	4,449	NA
1995	17,508	1,471	8,543	399	0	7,096	NA
1996	18,964	1,433	13,251	158	34	4,088	NA
1997	8,267	130	6,936	16	48	1,137	NA
1998	8,667	638	5,199	26	76	2,728	NA

NA = not available.

<sup>a</sup> Figures do not include shipments of railroad crossties.

Source: Statistics Canada, Vancouver, B.C., "Canadian Exports Cleared Through B.C. Custom Ports."

**Table 69—Average value of lumber exports from British Columbia ports by species and destination, 1988-98**

(In Canadian dollars per thousand board feet)

Year	Total, all species	Douglas- fir	Hem-fir	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1988	321.48	NA	NA	NA	NA	NA	689.66
1989	337.17	NA	NA	NA	NA	NA	934.95
1990	368.28	NA	NA	NA	NA	NA	--
1991	362.21	NA	NA	NA	NA	NA	NA
1992	422.47	NA	NA	NA	NA	NA	NA
1993	561.05	NA	NA	NA	NA	NA	NA
1994	636.28	NA	NA	NA	NA	NA	NA
1995	599.05	NA	NA	NA	NA	NA	NA
1996	644.30	954.14	768.75	1,005.34	1,428.22	527.36	NA
1997	696.87	925.00	793.90	1,274.44	1,432.79	575.58	NA
1998	620.34	752.38	656.24	1,338.80	1,119.91	520.65	NA
TO JAPAN							
1988	592.36	NA	NA	NA	NA	NA	1,081.80
1989	629.30	NA	NA	NA	NA	NA	1,407.59
1990	601.17	NA	NA	NA	NA	NA	--
1991	558.92	NA	NA	NA	NA	NA	NA
1992	666.39	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	NA	NA	NA
1996	937.88	1,137.11	907.80	1,501.09	1,453.21	694.99	NA
1997	1,004.87	1,100.91	952.76	1,575.25	1,434.74	803.26	NA
1998	856.86	927.09	776.49	1,452.38	1,138.05	732.67	NA
TO UNITED STATES <sup>a</sup>							
1988	251.41	NA	NA	NA	NA	NA	331.55
1989	255.58	NA	NA	NA	NA	NA	658.01
1990	285.87	NA	NA	NA	NA	NA	--
1991	285.48	NA	NA	NA	NA	NA	NA
1992	339.91	NA	NA	NA	NA	NA	NA
1993	453.29	NA	NA	NA	NA	NA	NA
1994	522.60	NA	NA	NA	NA	NA	NA
1995	457.72	NA	NA	NA	NA	NA	NA
1996	538.79	603.52	551.49	790.82	1,021.98	505.80	NA
1997	597.70	608.24	563.05	1,078.14	1,204.23	554.74	NA
1998	553.12	540.97	518.95	1,193.45	726.29	504.27	NA
TO PEOPLE'S REPUBLIC OF CHINA							
1988	305.35	NA	NA	NA	NA	NA	--
1989	313.46	NA	NA	NA	NA	NA	--
1990	NA	NA	NA	NA	NA	NA	--
1991	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	NA	NA	NA
1996	403.13	495.46	353.56	1,335.44	1,411.76	487.28	NA
1997	433.77	253.85	408.45	1,625.00	1,333.33	554.09	NA
1998	455.98	280.56	432.97	1,769.23	473.68	527.86	NA

NA = not available.

<sup>a</sup> Figures do not include shipments of railroad cross-ties.

Source: Statistics Canada, Vancouver, B.C., "Canadian Exports Cleared Through B.C. Custom Ports."

**Table 70—Volume of all species of softwood lumber imports into the Seattle Customs District, 1989-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Countries of origin						
	All countries	Canada	Chile	West Germany	New Zealand	Russia	Ukraine
1989	3,067,786	3,067,600	94	0	35	0	0
1990	2,805,029	2,804,895	19	0	106	0	0
1991	2,709,965	2,708,783	0	0	139	0	0
1992	3,252,358	3,249,597	2,030	25	541	80	64
1993	3,279,118	3,264,557	8,267	25	6,197	17	0
1994	3,575,758	3,552,050	19,789	0	3,142	414	0
1995	3,871,772	3,850,896	19,367	0	839	35	0
1996	3,803,422	3,783,666	18,255	0	230	84	0
1997:							
1st quarter	818,732	812,960	5,345	0	132	16	0
2d quarter	926,964	921,397	4,882	0	320	21	0
3d quarter	847,836	839,945	2,947	0	247	78	0
4th quarter	798,686	792,490	5,108	0	0	48	0
1997 total	3,392,218	3,366,792	18,282	0	699	163	0
1998:							
1st quarter	738,853	735,925	2,729	0	0	43	0
2d quarter	805,820	804,042	1,228	0	55	207	0
3d quarter	815,184	810,128	3,670	0	204	64	0
4th quarter	690,458	685,517	3,692	0	345	93	0
1998 total	3,050,317	3,035,612	11,319	0	604	407	0

Source: U.S. Department of Commerce.

**Table 71—Average value of all species of softwood lumber imports into the Seattle Customs District, 1989-98**

(Value in dollars per thousand board feet)

Year and quarter	Countries of origin						
	All countries	Canada	Chile	West Germany	New Zealand	Russia	Ukraine
1989	229.45	229.41	702.13	--	657.14	--	--
1990	239.62	239.57	368.42	--	1,283.02	--	--
1991	244.85	244.78	--	--	1,258.99	--	--
1992	276.17	275.43	829.06	1,560.00	1,079.48	500.00	140.63
1993	341.24	338.07	941.45	1,520.00	1,193.48	1,117.65	--
1994	366.93	363.49	872.56	--	1,021.01	442.03	--
1995	329.76	326.99	816.44	--	1,156.14	885.71	--
1996	376.33	373.77	852.49	--	1,352.17	940.48	--
1997:							
1st quarter	436.85	434.21	819.28	--	1,089.23	621.05	--
2d quarter	436.10	434.02	773.01	--	990.63	1,226.99	--
3d quarter	427.74	425.73	970.87	--	969.18	522.69	--
4th quarter	402.72	400.08	756.78	--	--	1,096.40	--
1997 average	426.33	424.01	813.92	--	1,001.67	792.03	--
1998:							
1st quarter	361.82	360.03	817.06	--	--	1,247.66	--
2d quarter	347.49	346.43	842.36	--	1,433.57	808.57	--
3d quarter	351.86	349.75	696.66	--	1,243.19	951.55	--
4th quarter	348.00	345.67	686.08	--	688.98	915.59	--
1998 average	352.24	350.44	738.05	--	943.97	901.68	--

Source: U.S. Department of Commerce.

**Table 72—Volume of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Countries of origin							
	All countries	Brazil	Canada	Chile	Malaysia	New Zealand	Russia	Switzerland
1989	4,927	0	4,197	729	0	0	0	0
1990	4,672	0	4,194	466	0	11	0	0
1991	1,183	25	6	1,142	0	11	0	0
1992	6,380	699	0	4,869	171	625	0	17
1993	19,572	4,171	171	6,013	0	8,696	333	0
1994	49,292	20,249	23	5,266	0	22,964	117	0
1995	45,075	13,792	1,953	1,250	0	27,103	17	0
1996	43,438	9,359	0	659	0	29,970	0	0
1997:								
1st quarter	11,306	1,656	0	330	0	8,842	0	0
2d quarter	16,582	1,277	0	2,747	0	10,958	0	0
3d quarter	21,481	1,655	0	4,831	0	12,831	0	0
4th quarter	15,109	915	366	4,487	0	8,814	0	0
1997 total	64,478	5,503	366	12,395	0	41,445	0	0
1998:								
1st quarter	18,560	481	2,469	5,401	0	9,833	0	0
2d quarter	17,006	664	0	6,130	0	9,859	0	0
3d quarter	24,503	1,162	0	8,195	0	14,319	0	0
4th quarter	29,231	1,482	0	9,181	0	18,465	0	0
1998 total	89,300	3,789	2,469	28,907	0	52,475	0	0

Source: U.S. Department of Commerce.



**Table 73—Average value of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-98**

(Value in dollars per thousand board feet)

Year and quarter	Countries of origin							
	All countries	Brazil	Canada	Chile	Malaysia	New Zealand	Russia	Switzerland
1989	272.38	--	218.97	577.50	--	--	--	--
1990	250.86	--	211.02	600.86	--	545.46	--	--
1991	1,041.42	1,160.00	1,000.00	1,030.65	--	1,727.27	--	--
1992	930.25	928.47	--	904.91	1,257.31	1,059.20	--	235.29
1993	992.34	850.64	362.18	1,003.16	--	1,067.85	765.77	--
1994	917.05	913.13	956.52	1,240.22	--	825.60	863.25	--
1995	882.48	889.65	321.56	1,888.97	--	868.48	705.88	--
1996	742.56	839.52	--	1,641.08	--	709.58	--	--
1997:								
1st quarter	916.07	926.13	--	1,723.80	--	892.97	--	--
2d quarter	822.75	905.46	--	989.81	--	788.10	--	--
3d quarter	793.82	900.93	--	882.28	--	745.37	--	--
4th quarter	810.07	886.77	400.71	923.25	--	750.18	--	--
1997 average	826.50	906.97	400.71	943.35	--	789.19	--	--
1998:								
1st quarter	698.50	864.44	307.35	886.06	--	678.82	--	--
2d quarter	712.70	824.54	--	731.03	--	693.45	--	--
3d quarter	727.58	834.37	--	709.05	--	729.45	--	--
4th quarter	697.08	733.15	--	747.27	--	667.12	--	--
1998 average	708.72	796.88	307.35	758.92	--	691.26	--	--

Source: U.S. Department of Commerce.

**Table 74—Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1987-98**

(Volume in thousand square feet; value in dollars per thousand square feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES												
1987	243,637	216.55	10,318	152.36	36,200	245.36	10,041	147.79	204,637	211.52	277	317.69
1988	289,573	224.51	20,411	164.47	48,810	232.27	18,987	158.69	240,763	222.94	1,424	241.57
1989	309,243	208.19	18,092	191.96	68,885	219.42	17,754	191.45	240,358	204.97	338	218.93
1990	259,182	215.13	21,993	285.45	67,461	234.59	18,355	298.23	191,721	208.28	3,638	221.00
1991	237,910	217.53	35,912	264.35	77,471	231.31	32,306	266.58	160,439	210.87	3,606	244.32
1992	144,531	247.46	44,110	294.40	40,085	262.67	43,005	294.48	104,446	241.63	1,105	291.40
1993	136,189	277.72	35,494	335.61	55,197	295.18	34,232	336.12	80,992	265.82	1,262	321.71
1994	102,369	278.81	33,481	332.96	32,612	262.88	31,986	330.96	69,757	286.27	1,495	375.92
1995	107,205	275.89	51,540	314.59	57,437	246.41	49,754	316.05	49,768	309.92	1,786	273.80
1996	114,058	240.04	50,407	286.43	76,352	221.54	47,189	288.48	37,706	277.49	3,219	256.29
1997	102,496	251.05	48,400	320.29	62,832	245.33	43,373	320.44	39,663	260.13	5,117	313.39
1998:												
1st quarter	11,418	290.96			4,586	268.61			6,832	305.97		
2d quarter	12,556	269.48			8,453	287.19			4,103	233.01		
3d quarter	9,672	296.11			6,089	301.36			3,583	287.20		
4th quarter	10,158	262.86			5,532	270.67			4,626	253.52		
1998 total	43,805	279.43			24,661	283.53			19,144	274.14		
TO JAPAN												
1987	11,299	250.64	400	327.50	2,670	266.29	157	414.01	8,629	245.80	243	271.60
1988	15,166	233.35	1,954	252.81	7,445	231.83	852	261.74	7,721	234.81	1,102	245.92
1989	17,075	210.01	891	243.55	10,880	204.04	874	242.56	6,195	220.50	17	294.12
1990	16,144	224.54	616	235.39	14,312	221.00	200	285.00	1,832	252.18	416	211.54
1991	21,407	233.66	723	192.25	20,385	231.54	413	186.44	1,022	275.93	310	200.00
1992	7,434	239.44	1,358	362.30	5,232	247.13	1,189	339.78	2,202	221.16	169	520.71
1993	11,122	331.86	1,021	437.81	6,906	386.48	486	448.56	4,216	242.41	535	428.04
1994	7,405	316.68	1,813	387.76	3,210	321.50	1,398	359.80	4,195	312.99	415	481.93
1995	9,194	295.74	3,077	547.61	3,621	265.95	2,331	631.06	5,573	315.09	746	286.86
1996	22,484	249.60	1,590	522.64	16,218	251.59	571	968.48	6,266	244.50	1,019	272.82
1997	14,712	292.81	4,045	426.51	12,608	289.14	1,887	468.16	2,104	314.77	2,159	390.01
1998:												
1st quarter	976	347.98			514	294.00			462	408.03		
2d quarter	330	335.58			131	482.98			199	238.43		
3d quarter	263	334.81			208	326.78			55	364.96		
4th quarter	336	313.02			225	270.26			111	399.84		
1998 total	1,905	337.85			1,078	318.35			827	363.27		
TO WESTERN EUROPE												
1987	207,811	211.14	346	199.42	15,480	259.37	346	199.42	192,331	207.26	0	--
1988	232,672	209.74	579	202.07	16,424	212.31	579	202.07	216,248	209.55	0	--
1989	254,053	206.39	71	408.45	26,593	229.95	43	488.37	227,460	203.64	28	285.71
1990	191,734	213.80	3,035	200.99	24,129	267.19	111	279.28	167,605	206.11	2,924	198.02
1991	162,745	217.03	4,882	247.23	19,376	255.01	1,971	239.47	143,369	211.90	2,911	252.49
1992	99,956	245.45	2,156	551.95	9,182	297.87	1,589	664.57	90,774	240.15	567	236.33
1993	69,023	271.01	241	979.25	5,656	343.71	196	1,122.45	63,367	264.52	45	355.56
1994	59,905	293.00	185	1,216.22	3,967	410.13	138	1,239.13	55,938	284.69	47	1,148.94
1995	40,772	319.14	236	394.07	4,618	414.03	203	413.79	36,154	307.02	33	272.73
1996	33,358	270.16	877	256.56	9,477	256.09	0	--	23,881	275.74	877	256.56
1997	28,369	269.88	1,856	310.53	3,751	388.33	596	243.08	24,617	251.83	1,261	342.25
1998:												
1st quarter	4,112	282.00			190	525.98			3,922	270.20		
2d quarter	3,246	323.87			2,514	325.26			732	319.10		
3d quarter	2,119	318.41			353	628.23			1,766	256.56		
4th quarter	2,998	256.92			243	480.54			2,755	237.20		
1998 total	12,475	293.05			3,299	380.61			9,175	261.57		

Source: U.S. Department of Commerce. Columbia-Snake Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Seattle Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver.

**Table 75—Volume and average value of plywood exports from California, 1987-98<sup>a</sup>**

(Volume in thousand square feet; value in dollars per thousand square feet)

Year and quarter	All California		Northern California				Southern California			
	All plywood		Softwood, 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	24,096	286.73	2,653	308.33	275	280.00	7,588	206.38	13,580	327.54
1988	41,865	239.89	4,791	223.75	843	196.92	15,664	208.38	20,567	269.41
1989	41,919	197.67	6,322	245.18	674	229.97	15,414	178.67	19,509	196.17
1990	65,513	179.20	3,365	295.10	1,104	221.01	28,254	194.24	32,790	152.94
1991	109,426	167.31	2,909	248.88	1,000	256.00	72,564	163.21	32,953	166.45
1992	119,871	152.73	2,135	251.05	1,407	148.54	76,300	147.97	40,029	156.71
1993	84,760	215.76	1,186	236.09	947	353.75	61,382	208.19	21,245	230.36
1994	89,402	202.69	1,223	375.31	49	408.16	65,046	178.18	23,084	262.17
1995	49,444	288.57	581	294.32	781	304.74	30,902	277.52	17,180	307.51
1996	82,880	217.46	1,626	249.69	1,041	208.45	53,155	196.18	27,058	257.67
1997:										
1st quarter	19,119	208.12	369	376.69	129	232.29	13,385	171.24	5,236	289.92
2d quarter	18,369	207.31	161	179.58	72	229.75	12,598	179.72	5,538	270.50
3d quarter	25,846	208.45	257	437.27	0	--	18,271	181.79	7,318	266.95
4th quarter	27,201	219.61	101	476.84	0	--	20,385	190.28	6,716	310.36
1997 total	90,535	211.92	888	370.39	201	231.10	64,639	181.88	24,807	284.37
1998:										
1st quarter	17,254	263.03	320	292.87	0	--	11,879	224.97	5,055	350.59
2d quarter	19,294	252.48	106	294.42	0	--	12,815	198.42	6,373	360.49
3d quarter	23,215	246.75	333	232.66	258	718.14	15,462	196.21	7,162	339.55
4th quarter	22,268	231.87	685	291.10	25	1,765.89	14,383	175.62	7,175	333.65
1998 total	82,031	247.48	1,444	278.24	283	810.35	54,539	197.56	25,765	345.25

<sup>a</sup> Northern California is the San Francisco Customs District and includes all coastal and inland ports from Monterey north. Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey.

Source: U.S. Department of Commerce.

**Table 76—Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1987-98**

(Volume in thousand square feet; value in dollars per thousand square feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
<b>TO ALL COUNTRIES</b>												
1987	290,803	43.49	79,792	77.09	239,599	32.00	70,955	79.77	51,091	91.39	8,837	55.56
1988	163,092	55.56	172,369	81.09	125,461	47.42	153,013	84.20	37,631	82.70	19,356	56.52
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	79,643	110.67	120,836	122.76	75,047	105.19	118,087	121.71	4,596	200.17	2,749	168.06
1991	124,425	91.79	135,266	142.31	111,897	88.11	132,675	141.98	12,528	124.68	2,591	159.40
1992	132,503	88.25	124,510	129.77	116,204	71.31	108,327	136.76	16,299	208.97	16,183	82.99
1993	178,630	106.57	177,779	118.86	140,740	90.52	167,899	117.76	37,890	166.19	9,880	137.55
1994	117,830	147.54	302,401	99.62	80,330	113.53	276,805	99.42	37,500	220.40	25,596	101.70
1995	108,048	153.07	160,438	109.38	77,668	124.71	150,514	107.39	30,380	225.54	9,924	139.56
1996	111,737	151.32	149,396	129.87	83,803	126.69	129,311	132.15	27,934	225.17	20,085	115.21
1997	154,909	89.94	163,193	143.96	151,374	86.67	147,043	145.53	3,536	229.89	16,150	129.67
1998:												
1st quarter	32,349	62.81	18,586	128.74	31,458	57.92	15,241	132.07	891	235.20	3,344	113.53
2d quarter	39,020	70.53	25,631	157.00	37,609	66.60	22,962	162.75	1,411	175.16	2,669	107.51
3d quarter	37,477	77.39	26,078	130.82	36,602	74.44	24,209	129.59	676	200.66	1,869	146.77
4th quarter	30,467	69.46	25,247	132.76	30,467	69.46	23,253	126.57	0	—	1,994	204.94
1998 total	139,313	70.35	95,541	137.95	136,135	67.34	85,665	138.10	3,178	199.08	9,876	136.65
<b>TO JAPAN</b>												
1987	61,161	81.57	24,300	64.53	20,392	27.61	17,151	63.73	40,769	108.56	7,149	66.44
1988	38,585	107.58	81,628	96.87	21,626	77.21	63,065	77.21	16,959	121.29	18,563	55.65
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	33,574	145.86	64,727	124.31	30,053	141.42	63,918	123.50	3,521	183.75	809	187.89
1991	92,521	90.93	89,489	142.00	88,453	84.44	87,678	141.27	4,068	232.06	1,811	177.25
1992	107,855	79.79	68,480	123.12	94,090	61.57	53,423	135.80	13,765	204.36	15,057	78.10
1993	158,584	103.60	80,803	105.14	121,842	85.81	76,615	103.06	36,742	162.62	4,188	143.27
1994	106,489	147.97	113,772	75.71	68,989	108.60	104,030	73.07	37,500	220.40	9,742	103.98
1995	91,833	141.66	59,448	91.31	62,025	101.83	56,684	88.05	29,808	224.54	2,784	157.33
1996	94,020	131.85	13,380	125.19	66,476	93.31	5,733	123.32	27,544	224.84	7,647	126.59
1997	60,271	93.48	22,327	161.07	57,325	86.12	16,600	162.85	2,946	236.73	5,727	155.91
1998:												
1st quarter	4,467	68.97	2,971	130.86	4,467	68.97	1,732	148.04	0	—	1,239	106.83
2d quarter	3,386	98.65	3,755	196.97	2,742	67.97	2,062	270.98	645	232.24	1,693	106.83
3d quarter	4,042	88.05	4,540	126.70	3,546	66.75	3,152	129.06	496	240.35	1,388	121.36
4th quarter	5,840	66.24	2,460	139.61	5,840	66.24	1,945	148.29	0	—	515	106.83
1998 total	17,736	78.08	13,726	149.14	16,595	67.25	8,891	169.88	1,141	235.77	4,835	111.00
<b>TO WESTERN EUROPE</b>												
1987	10,016	51.42	1,688	9.48	294	105.44	0	—	9,722	49.78	1,688	9.48
1988	6,373	104.19	1,275	83.14	525	116.19	482	93.36	5,848	103.11	793	76.92
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	367	242.51	2,967	118.30	239	221.76	2,967	118.30	128	281.25	0	—
1991	7,531	44.35	3,228	102.85	0	—	3,228	102.85	7,531	44.35	0	—
1992	1,306	216.69	108	203.70	1,215	211.52	108	203.70	92	282.61	0	—
1993	115	278.26	242	247.93	115	278.26	202	277.23	0	—	40	100.00
1994	30	700.00	4,093	116.78	30	700.00	2,354	116.40	0	—	1,739	117.31
1995	235	255.32	3,197	151.70	235	255.32	1,250	180.80	0	—	1,947	133.03
1996	2,088	238.51	3,280	137.80	1,971	236.94	2,635	143.83	117	264.96	645	114.73
1997	1,531	169.97	13,544	131.71	1,162	162.26	12,914	131.38	370	193.61	630	138.62
1998:												
1st quarter	123	232.24	1,369	112.06	123	232.24	1,369	112.06	0	—	0	—
2d quarter	0	—	0	—	0	—	0	—	0	—	0	—
3d quarter	276	221.05	435	102.08	276	221.05	435	102.08	0	—	0	—
4th quarter	0	—	1,024	115.64	0	—	1,024	115.64	0	—	0	—
1998 total	400	224.50	2,828	111.82	400	224.50	2,828	111.82	0	—	0	—

Source: U.S. Department of Commerce. Columbia-Snake Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Seattle Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver.

**Table 77—Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1993-98**

(In thousand board feet, Scribner scale)

Agency	1997				1998				Total	
	1993	1994	1995	1996	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
<b>Montana:</b>										
USDA Forest Service <sup>a</sup>	209,113	126,858	177,493	294,932	48,973	24,508	35,208	42,281	59,578	161,574
U.S. Bureau of Land Manage. <sup>b</sup>	4,327	1,254	2,938	2,463	2,661	28	133	344	0	505
U.S. Bureau of Indian Affairs	13,733	16,097	15,411	10,285	2,316	1,350	2,606	3,199	733	7,887
State of Montana	19,822	12,853	14,594	25,176	7,751	10,895	9,711	16,252	3,541	40,400
<b>Total</b>	<b>246,994</b>	<b>157,062</b>	<b>210,437</b>	<b>332,856</b>	<b>59,498</b>	<b>36,780</b>	<b>47,658</b>	<b>62,076</b>	<b>63,853</b>	<b>210,366</b>
<b>Idaho:</b>										
USDA Forest Service <sup>a</sup>	412,907	171,960	184,206	375,299	92,358	47,130	29,268	38,295	47,670	162,363
U.S. Bureau of Land Manage. <sup>b</sup>	1,122	10,560	5,409	2,114	6,733	-1,586	-1,391	181	0	2,796
U.S. Bureau of Indian Affairs	2,781	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Idaho	200,597	196,151	144,664	332,581	20,011	33,034	68,204	67,005	16,912	185,155
<b>Total</b>	<b>617,407</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>All public lands:</b>										
USDA Forest Service <sup>a</sup>	622,020	298,818	361,699	670,230	141,330	71,638	64,476	80,576	107,248	323,937
U.S. Bureau of Land Manage. <sup>b</sup>	5,449	11,814	8,347	4,577	9,394	-1,558	-1,258	525	0	-2,291
U.S. Bureau of Indian Affairs	16,514	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Montana	19,822	12,853	14,594	25,176	7,751	10,895	9,711	16,252	3,541	40,400
State of Idaho	200,597	196,151	144,664	332,581	20,011	33,034	68,204	67,005	16,912	185,155
<b>Total</b>	<b>864,401</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

NA = not available.

<sup>a</sup> Convertible products only.

<sup>b</sup> Does not include cull log sales.

Source: Respective agencies listed.

**Table 78—Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1993-98**

(In dollars per thousand board feet)

Agency	1997					1998					
	1993	1994	1995	1996	Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
<b>Montana:</b>											
USDA Forest Service <sup>a</sup>	251.36	247.63	150.08	121.60	140.99	128.18	115.78	162.85	101.60	94.84	114.61
U.S. Bureau of Land Manage. <sup>b</sup>	224.22	186.87	95.41	198.61	212.10	200.78	200.00	67.25	172.33	--	146.19
U.S. Bureau of Indian Affairs	137.38	123.32	100.62	117.67	157.08	123.06	120.04	38.51	90.81	88.01	78.28
State of Montana	249.28	332.84	260.79	239.40	163.57	114.38	185.35	191.20	134.90	169.60	165.08
Average	244.38	241.38	153.37	130.96	145.57	126.74	136.61	161.56	110.15	98.91	123.01
<b>Idaho:</b>											
USDA Forest Service <sup>a</sup>	306.72	275.55	135.09	96.88	154.31	172.06	171.76	148.20	96.30	113.35	132.57
U.S. Bureau of Land Manage. <sup>b</sup>	143.32	258.27	74.98	47.92	151.26	79.58	4.99	79.89	175.14	--	31.22
U.S. Bureau of Indian Affairs	280.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Idaho	447.49	450.31	254.17	169.93	327.73	281.65	283.67	296.66	251.34	249.28	273.62
Average	352.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>All public lands:</b>											
USDA Forest Service <sup>a</sup>	288.11	263.70	142.44	107.76	148.80	156.85	152.61	156.20	99.08	103.07	123.61
U.S. Bureau of Land Manage. <sup>b</sup>	207.56	250.69	82.17	129.01	168.49	134.35	1.49	81.23	173.30	--	5.88
U.S. Bureau of Indian Affairs	161.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Montana	249.28	332.84	260.79	239.40	163.57	114.68	185.35	191.20	134.90	169.60	165.08
State of Idaho	447.49	450.31	254.17	169.93	327.73	218.65	283.67	296.66	251.34	249.28	273.62
Average	321.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>b</sup> Does not include cull log prices.

Source: Respective agencies listed.

**Table 79—Volume of sawtimber sold on National Forests by selected species, Northern Region, 1990-98**

(In thousand board feet, Scribner scale)

Year and quarter	Western					Larch	True firs	All species
	Douglas-fir	Ponderosa pine	Western white pine	Lodgepole pine	Engelman spruce			
1990	118,767	14,606	25,361	139,209	43,909	61,425	139,115	650,082
1991	116,868	22,984	24,996	127,304	35,262	58,512	131,342	605,031
1992	87,414	11,814	8,323	121,923	22,377	28,975	40,788	386,942
1993	61,641	17,486	5,336	75,364	14,497	21,025	47,930	290,080
1994	15,010	5,900	9,152	42,627	3,240	6,802	8,361	101,547
1995	37,185	2,668	8,634	45,924	22,331	15,486	18,057	164,696
1996	77,900	10,289	10,422	87,680	18,565	13,070	67,062	317,211
1997:								
1st quarter	10,013	2,025	412	30,223	875	1,157	6,544	60,785
2d quarter	11,675	3,810	415	5,687	3,760	1,114	5,495	34,009
3d quarter	12,604	2,281	227	19,937	968	1,769	5,139	51,280
4th quarter	28,272	4,786	7,573	12,930	1,989	2,082	18,203	87,616
1997 total	62,564	12,902	8,627	68,777	7,592	6,122	35,381	233,690
1998:								
1st quarter	15,622	534	752	3,075	705	1,438	13,918	39,981
2d quarter	6,617	140	284	8,501	763	391	1,529	27,900
3d quarter	10,377	667	227	18,559	2,469	1,190	1,638	42,078
4th quarter	23,660	6,119	396	14,935	545	5,139	6,749	62,616
1998 total	56,276	7,460	1,659	45,070	4,482	8,158	23,879	172,575

Source: Forest Service, U.S. Department of Agriculture. Northern Region includes Montana, northeastern Washington, northern Idaho, North Dakota, and northwestern South Dakota.

**Table 80—Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1987-98<sup>a</sup>**

(In dollars per thousand board feet)

Year and quarter	Western					Larch	True firs	All species		
	Douglas-fir	Ponderosa pine	Western white pine	Lodgepole pine	Engelman spruce				Western hemlock	Cedars
1987	46.60	127.80	115.50	46.20	57.20	71.10	133.40	45.10	42.90	54.70
1988	57.60	89.30	85.50	53.00	65.00	74.00	92.00	64.60	64.20	63.20
1989	108.45	151.14	126.21	122.69	143.73	130.80	147.07	123.52	132.99	121.53
1990	131.65	184.79	205.52	145.35	156.14	153.03	183.35	161.66	158.55	146.10
1991	132.24	172.30	199.72	134.26	151.88	115.47	218.82	167.40	138.36	145.89
1992	225.11	184.02	258.59	225.58	194.83	204.33	230.65	216.13	210.11	212.87
1993	350.28	384.41	451.82	389.59	402.36	403.06	520.03	467.79	328.04	371.37
1994	334.15	172.43	506.47	389.94	243.28	325.30	526.12	414.98	391.32	376.34
1995	244.41	265.39	283.39	253.14	313.37	225.00	251.43	195.44	194.02	240.49
1996	166.95	172.15	228.96	226.32	118.08	161.75	262.69	196.82	169.59	185.83
1997:										
1st quarter	281.10	137.90	244.46	159.01	196.86	202.75	506.37	198.35	224.20	200.64
2d quarter	202.25	144.28	239.72	207.59	439.90	225.16	414.87	214.06	264.00	237.68
3d quarter	178.94	224.87	184.47	199.02	125.67	160.23	224.66	246.29	196.36	181.84
4th quarter	195.46	228.47	332.98	209.26	152.77	161.76	325.43	201.94	223.11	216.79
1997 total	207.11	188.76	320.36	184.07	296.60	188.26	370.45	216.28	225.78	207.96
1998:										
1st quarter	139.02	137.78	319.38	145.40	134.79	198.38	357.79	203.15	180.49	170.96
2d quarter	233.36	157.92	343.26	452.16	165.34	130.94	245.94	277.38	215.62	277.66
3d quarter	158.93	193.93	154.31	127.34	324.33	194.67	289.77	147.75	212.73	151.82
4th quarter	174.44	104.01	92.88	162.29	222.51	99.15	181.44	71.15	149.95	151.59
1998 total	168.68	115.50	246.92	201.42	255.02	146.04	290.10	115.48	176.38	176.51

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest land are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

Source: Forest Service, U.S. Department of Agriculture. Northern Region includes Montana, northeastern Washington, northern Idaho, North Dakota, and northwestern South Dakota.



**Table 81—Volume and average value of timber harvested on the National Forests of the Northern Region, 1998**

(Volume in million board feet; value in dollars per thousand board feet)

Quarter	Beaverhead		Bitterroot		Clearwater		Custer		Deerlodge	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.4	138.15	2.8	115.45	.8	1,192.08	.1	22.59	0.0	--
2d qtr.	.6	105.01	1.3	71.81	5.4	164.01	.2	13.94	0.0	--
3d qtr.	5.9	131.87	4.1	82.29	13.3	123.90	.3	10.95	0.0	--
4th qtr.	7.4	116.90	.8	97.13	6.5	148.82	1.0	31.56	0.0	--
Total	16.2	125.02	9.0	92.30	24.3	103.32	1.4	25.74	0.0	--
Quarter	Flathead		Gallatin		Helena		Kootenai		Lewis and Clark	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	5.4	116.44	.7	22.51	3.1	107.77	11.7	195.44	4.9	194.46
2d qtr.	3.0	142.49	.1	78.65	2.8	116.17	6.0	164.80	.3	70.79
3d qtr.	16.1	159.46	1.3	23.04	4.5	182.59	39.3	156.29	4.2	121.41
4th qtr.	5.5	137.39	.4	-583.16	1.0	107.21	25.0	150.77	2.1	82.01
Total	30.0	145.97	2.5	-64.65	11.5	151.61	82.0	160.83	11.6	143.80
Quarter	Lolo		Nezperce		Panhandle <sup>a</sup>		Northern Idaho		Montana	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.7	183.24	2.3	149.06	14.3	199.05	15.2	136.97	33.8	159.03
2d qtr.	7.5	187.40	2.1	231.42	19.5	135.55	26.8	149.07	21.8	159.42
3d qtr.	18.0	188.31	9.4	222.77	26.0	184.37	47.9	177.15	93.7	155.66
4th qtr.	8.6	130.67	5.6	142.93	25.7	149.81	37.7	148.55	51.7	129.20
Total	36.8	174.32	19.4	191.91	85.6	165.30	127.5	158.02	201.0	149.83
Quarter	Northeastern Washington		All Forests							
	Volume	Average value	Volume	Average value						
1st qtr.	.6	221.22	49.5	152.97						
2d qtr.	.2	109.24	48.9	153.49						
3d qtr.	.9	70.66	142.5	162.35						
4th qtr.	.1	173.73	89.5	137.37						
Total	1.8	130.42	330.4	152.86						

<sup>a</sup> Includes a small portion of the Forest that lies in northeastern Washington.

Source: Forest Service, U.S. Department of Agriculture. Northern Region includes northern Idaho and Montana and a small portion of northeastern Washington.

**Table 82—Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Lodgepole pine	Ponderosa pine	Engelmann spruce	Larch	True firs	All species
1990	100,409	39,508	102,527	26,940	565	19,546	317,270
1991	51,543	36,759	53,088	15,033	476	21,844	192,768
1992	117,817	30,832	40,445	16,568	313	24,680	244,723
1993	68,368	23,529	77,684	29,402	0	42,577	261,169
1994	49,268	23,082	29,337	7,050	1	8,780	133,178
1995	38,281	9,523	34,109	25,990	0	14,195	131,454
1996	69,863	16,164	40,297	18,667	0	49,195	245,329
1997:							
1st quarter	3,164	615	1,718	1,540	0	1,604	11,327
2d quarter	2,285	3,026	359	396	0	686	11,867
3d quarter	26,044	4,443	13,472	4,582	20	19,633	71,332
4th quarter	9,467	3,632	3,876	117	0	5,646	25,119
1997 total	40,960	11,716	19,425	6,636	20	27,569	119,645
1998:							
1st quarter	4,153	5,428	2,828	2,919	0	8,803	28,276
2d quarter	2,938	1,720	4,285	11,606	0	7,585	29,620
3d quarter	2,203	9,277	2,150	1,698	0	2,629	20,781
4th quarter	10,560	1,991	3,928	402	0	1,408	18,665
1998 total	19,854	18,416	13,191	16,625	0	20,425	97,342

Source: Forest Service, U.S. Department of Agriculture. Intermountain Region includes eastern California, Nevada, Utah, and Wyoming.

**Table 83—Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-98<sup>a</sup>**

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Lodgepole pine	Ponderosa pine	Engelmann spruce	Larch	True firs	All species
1990	64.63	69.78	131.28	95.21	117.12	76.56	90.31
1991	113.11	76.98	201.50	110.90	209.33	69.76	120.66
1992	138.42	138.67	358.45	164.31	220.06	131.04	170.00
1993	243.15	197.51	606.18	192.63	--	227.90	325.04
1994	270.10	324.61	585.93	251.71	368.86	471.25	340.63
1995	139.87	195.53	271.61	104.19	--	306.22	186.97
1996	64.69	134.84	129.40	120.81	--	64.67	82.23
1997:							
1st quarter	133.52	112.09	124.06	214.42	--	132.98	118.16
2d quarter	150.02	195.73	307.58	207.98	--	185.08	133.19
3d quarter	176.08	139.76	325.78	173.00	325.73	158.28	189.99
4th quarter	190.00	133.72	315.75	21.19	--	231.73	193.87
1997 average	174.56	150.89	305.58	182.01	325.73	172.52	178.37
1998:							
1st quarter	165.61	150.49	396.06	188.84	--	147.53	160.56
2d quarter	220.27	94.35	303.17	225.40	--	169.05	203.65
3d quarter	161.35	129.19	93.39	127.83	--	115.10	113.69
4th quarter	118.81	120.09	174.66	160.43	--	105.78	128.74
1998 average	148.34	131.23	244.84	207.45	--	148.47	157.56

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

Source: Forest Service, U.S. Department of Agriculture. Intermountain Region includes eastern California, Nevada, Utah, and Wyoming.

**Table 84—Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1998**

(Volume in million board feet; value in dollars per thousand board feet)

Quarter	Ashley		Boise		Bridger		Caribou		Challis	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.2	70.42	2.3	162.19	.2	58.11	.4	154.64	0.0	--
2d qtr.	.2	17.27	4.2	66.78	.1	23.75	.1	277.02	0.0	--
3d qtr.	8.5	57.39	17.9	84.00	2.1	70.36	3.9	99.54	0.0	--
4th qtr.	3.4	39.37	16.8	52.90	4.2	19.65	4.5	107.33	0.0	--
<b>Total</b>	<b>13.3</b>	<b>53.42</b>	<b>41.2</b>	<b>73.84</b>	<b>6.7</b>	<b>36.85</b>	<b>8.8</b>	<b>106.07</b>	<b>0.0</b>	<b>--</b>
Quarter	Dixie		Fishlake		Humboldt		Manti-Lasal		Payette	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.7	37.61	.1	10.88	.1	16.08	.9	59.21	6.2	301.11
2d qtr.	.3	103.15	.5	94.07	.1	12.95	.3	61.47	3.5	259.73
3d qtr.	3.3	84.35	6.0	92.91	.5	13.62	3.5	54.66	19.7	151.02
4th qtr.	4.9	37.23	4.6	63.32	..2	16.76	2.1	49.74	14.7	98.66
<b>Total</b>	<b>10.3</b>	<b>54.56</b>	<b>11.2</b>	<b>80.16</b>	<b>.8</b>	<b>14.55</b>	<b>6.9</b>	<b>54.06</b>	<b>44.1</b>	<b>163.29</b>
Quarter	Salmon		Sawtooth		Targhee		Toiyabe <sup>a</sup>		Wasatch	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.2	74.86	.3	14.39	1.6	46.94	.3	16.26	.4	84.03
2d qtr.	1.2	129.91	.1	82.44	.1	44.35	.2	12.86	0.0	--
3d qtr.	3.7	130.58	1.8	27.80	2.6	69.22	.2	24.47	1.5	70.20
4th qtr.	2.2	147.64	2.3	28.38	1.3	83.80	.6	19.74	2.4	200.83
<b>Total</b>	<b>8.3</b>	<b>127.26</b>	<b>4.4</b>	<b>27.37</b>	<b>5.6</b>	<b>65.86</b>	<b>1.4</b>	<b>18.63</b>	<b>4.3</b>	<b>144.31</b>
Quarter	Southern Idaho		Nevada		Utah <sup>b</sup>		Wyoming		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	11.9	206.82	.3	11.64	4.4	55.44	.2	58.11	16.9	160.82
2d qtr.	9.0	149.83	.2	11.27	1.4	80.70	.1	23.75	10.8	136.52
3d qtr.	49.6	112.51	.8	16.90	24.9	82.93	2.1	69.57	77.4	100.87
4th qtr.	41.8	79.46	.5	13.73	17.8	68.62	4.3	20.22	64.8	71.76
<b>Total</b>	<b>112.3</b>	<b>113.18</b>	<b>1.8</b>	<b>14.44</b>	<b>48.5</b>	<b>75.11</b>	<b>6.8</b>	<b>36.87</b>	<b>169.9</b>	<b>98.00</b>

<sup>a</sup> Includes a small portion of the Forest that lies in California.

<sup>b</sup> Includes a very small volume from the Uinta National Forest.

Source: Forest Service, U.S. Department of Agriculture. Intermountain Region includes Idaho, Nevada, Utah, and Wyoming.

**Table 85—Volume of timber sold on publicly owned or managed lands in California, 1993-98**

(In thousand board feet, Scribner scale)

Agency	1993	1994	1995	1996	1997				1998				Total
					Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.			
USDA Forest Service <sup>a</sup>	651,282	539,006	453,066	480,224	539,298	150,101	61,705	102,404	111,084	125,175	400,368		
U.S. Bureau of Land Manage. <sup>b</sup>	7,876	18,570	5,733	13,780	81	16	0	113	121	0	234		
U.S. Bureau of Indian Affairs <sup>c</sup>	12,867	14,576	15,328	14,576	NA	NA	0	2,320	7,368	565	10,253		
State of California	12,200	10,683	49,193	33,747	NA	NA	NA	NA	NA	NA	NA		
<b>Total</b>	<b>684,225</b>	<b>582,835</b>	<b>523,319</b>	<b>542,328</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>		

NA = not available.

<sup>a</sup> Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

<sup>b</sup> Does not include cull log sales or volume given away through free use permits.

<sup>c</sup> Available only on fiscal-year basis for 1991-93.

Source: Respective agencies listed.

**Table 86—Average stumpage prices of timber sold on publicly owned or managed lands in California, 1993-98**

(In dollars per thousand board feet)

Agency	1993	1994	1995	1996	1997			1998			
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
USDA Forest Service <sup>a,b</sup>	229.73	193.49	109.30	117.08	105.52	106.60	167.62	65.15	63.12	68.76	81.51
U.S. Bureau of Land Manage. <sup>c</sup>	279.24	60.29	222.21	275.03	295.87	309.13	--	317.57	293.04	--	304.91
U.S. Bureau of Indian Affairs	331.19	455.66	525.84	455.66	NA	NA	--	442.27	347.97	314.71	367.48
State of California	629.71	596.06	428.51	460.02	NA	NA	NA	NA	NA	NA	NA
Average	239.34	203.18	152.74	151.54	NA	NA	NA	NA	NA	NA	NA

NA = not available.

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>b</sup> Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

<sup>c</sup> Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

**Table 87—Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Ponderosa and Jeffrey pines	Sugar pine	Lodgepole pine	Cedars	True firs	All species
1989	218,081	256,045	113,679	11,553	45,352	571,855	1,301,426
1990	225,997	359,374	101,273	8,360	31,742	678,986	1,414,651
1991	20,255	202,500	52,401	2,011	18,306	283,883	585,525
1992	34,591	240,049	41,283	6,274	16,030	310,815	675,839
1993	40,961	127,534	32,299	2,468	15,718	237,828	473,184
1994	9,609	34,620	6,098	1,810	3,223	58,968	121,544
1995	19,298	112,778	12,870	1,383	11,530	73,771	236,029
1996	47,887	53,449	13,679	2,012	15,541	105,469	287,635
1997:							
1st quarter	19,054	23,903	5,667	491	6,513	51,913	125,372
2d quarter	1,289	11,276	846	483	2,493	13,111	42,871
3d quarter	2,305	38,117	6,724	590	5,452	22,127	95,863
4th quarter	11,851	22,451	2,546	2,474	5,270	29,656	87,191
1997 total	34,499	95,747	15,783	4,038	19,728	116,807	351,297
1998:							
1st quarter	14,947	8,326	1,769	786	2,770	14,809	46,288
2d quarter	6,807	6,394	2,571	125	3,443	7,754	34,112
3d quarter	3,736	8,969	985	8	658	13,807	52,238
4th quarter	5,765	21,494	1,907	123	5,862	26,940	79,871
1998 total	21,255	45,183	7,232	1,042	12,733	63,310	212,509

Source: Forest Service, U.S. Department of Agriculture. Pacific Southwest Region includes California and Hawaii.

**Table 88—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1987-98<sup>a</sup>**

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Ponderosa and Jeffrey pines	Sugar pine	Lodgepole pine	Cedars	True firs	All species
1987	81.15	209.31	287.63	11.40	138.66	49.90	124.89
1988	95.64	182.14	260.43	43.20	190.90	68.89	135.65
1989	201.26	291.96	289.15	57.02	153.30	88.30	177.60
1990	218.91	217.62	285.13	84.12	231.48	85.02	166.25
1991	186.62	237.62	241.25	80.05	184.64	83.08	156.70
1992	320.19	292.30	491.64	90.80	374.41	156.15	234.05
1993	390.17	535.17	598.17	163.70	245.24	272.75	367.30
1994	416.25	291.34	625.19	165.10	189.98	159.36	241.46
1995	350.92	158.36	396.82	105.64	120.08	171.00	186.16
1996	189.36	299.48	318.08	53.61	135.26	182.11	184.12
1997:							
1st quarter	157.32	242.26	190.84	50.35	103.86	184.24	162.98
2d quarter	155.71	243.36	216.80	75.06	63.67	216.20	150.54
3d quarter	140.13	258.96	206.43	69.15	120.32	154.92	178.05
4th quarter	236.09	192.98	274.48	75.82	146.27	182.76	178.28
1997 average	183.17	237.48	212.37	71.66	114.66	181.90	169.37
1998:							
1st quarter	243.18	275.10	211.84	50.68	154.77	250.98	231.77
2d quarter	118.41	128.75	122.25	20.74	127.42	101.74	100.23
3d quarter	109.00	223.87	187.89	53.06	188.52	134.04	111.75
4th quarter	96.40	145.70	214.72	58.27	230.24	81.33	108.20
1998 average	172.89	182.66	177.47	47.98	183.87	135.01	134.71

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Before 1984, prices for stumpage on National Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds). Beginning in 1984, prices for stumpage on National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

Source: Forest Service, U.S. Department of Agriculture. Pacific Southwest Region includes California and Hawaii.



**Table 89—Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1998**

(Volume in million board feet; value in dollars per thousand board feet)

Quarter	Angeles		Cleveland		Eldorado		Inyo		Klamath <sup>a</sup>	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	0.0	--	0.1	40.00	1.6	69.12	4.3	250.81	3.6	102.07
2d qtr.	0.0	--	.3	6.54	7.1	169.14	1.5	272.73	6.7	62.05
3d qtr.	0.0	--	.1	40.00	24.2	108.32	.9	37.73	4.4	72.99
4th qtr.	0.0	--	.1	40.00	20.8	105.23	1.4	40.11	9.3	89.73
<b>Total</b>	<b>0.0</b>	<b>--</b>	<b>.5</b>	<b>13.89</b>	<b>53.7</b>	<b>113.97</b>	<b>8.1</b>	<b>192.81</b>	<b>24.0</b>	<b>80.75</b>
Quarter	Lassen		Los Padres		Mendocino		Modoc		Plumas	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	6.5	14.37	0.0	--	.2	9.82	1.4	74.80	3.4	50.78
2d qtr.	6.1	83.97	.6	32.06	4.5	343.44	1.2	167.07	2.3	16.34
3d qtr.	36.8	86.04	0.0	--	16.6	196.91	14.7	127.06	11.0	75.35
4th qtr.	32.5	58.67	0.0	--	3.9	43.69	8.6	112.18	10.7	27.42
<b>Total</b>	<b>81.9</b>	<b>69.33</b>	<b>.6</b>	<b>32.06</b>	<b>25.3</b>	<b>197.72</b>	<b>25.8</b>	<b>121.22</b>	<b>27.4</b>	<b>48.55</b>
Quarter	San Bernardino		Sequoia		Shasta		Sierra		Six Rivers	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	.5	43.92	.6	55.55	11.7	162.21	.2	11.93	.4	16.76
2d qtr.	.1	41.72	.6	159.51	19.8	56.84	.6	219.48	1.7	118.30
3d qtr.	0.0	--	5.7	123.12	21.3	161.06	17.7	176.53	11.9	141.52
4th qtr.	0.0	--	5.0	157.59	10.8	209.73	6.1	86.20	7.9	123.06
<b>Total</b>	<b>.6</b>	<b>43.56</b>	<b>11.9</b>	<b>136.38</b>	<b>63.6</b>	<b>137.18</b>	<b>24.7</b>	<b>153.69</b>	<b>21.9</b>	<b>130.69</b>
Quarter	Stanislaus		Tahoe		Trinity		LTBMU <sup>b</sup>		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	.1	97.08	1.8	74.50	1.2	68.30	2.8	50.95	40.2	105.45
2d qtr.	2.4	56.99	2.9	61.18	3.4	72.00	.3	30.01	62.3	103.98
3d qtr.	9.3	45.12	21.7	87.65	5.8	184.62	1.7	86.47	203.7	120.73
4th qtr.	6.2	51.48	17.7	67.76	4.9	93.78	1.9	60.81	146.8	88.57
<b>Total</b>	<b>18.0</b>	<b>49.27</b>	<b>43.1</b>	<b>77.62</b>	<b>15.2</b>	<b>121.41</b>	<b>6.7</b>	<b>61.74</b>	<b>452.9</b>	<b>106.64</b>

<sup>a</sup> Includes a small portion of the Forest that lies in southern Oregon.

<sup>b</sup> Lake Tahoe Basin Management Unit.

Source: Forest Service, U.S. Department of Agriculture. Pacific Southwest Region includes California and Hawaii.

**Table 90—Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1996-98**

(Volume in million board feet; average value in dollars per thousand board feet)

Year and month	East side		West side		Pacific Northwest Region	
	Volume	Average value	Volume	Average value	Volume	Average value
1996:						
January	53	59.15	11	58.57	63	59.05
February	8	51.78	1	479.18	8	68.72
March	13	52.64	12	510.61	25	272.76
April	9	26.80	16	283.92	25	187.50
May	12	62.77	6	237.72	18	121.75
June	27	134.06	14	334.12	41	203.55
July	29	122.58	24	425.93	53	258.04
August	52	90.38	44	374.34	96	219.77
September	62	134.05	58	285.32	119	207.08
October	52	130.26	62	351.69	114	250.99
November	38	66.87	41	437.32	79	258.86
December	42	132.67	117	294.93	159	251.94
<b>Total</b>	<b>397</b>	<b>101.42</b>	<b>403</b>	<b>333.41</b>	<b>800</b>	<b>218.38</b>
1997:						
January	0	--	4	96.29	4	96.29
February	6	45.31	1	406.04	6	46.93
March	1	94.54	1	699.80	2	464.06
April	20	46.63	a	413.47	20	52.40
May	11	70.37	a	356.80	11	78.04
June	14	51.67	2	345.27	16	92.88
July	11	196.47	5	483.78	16	278.27
August	3	86.21	12	197.22	15	178.67
September	45	88.36	68	203.23	113	157.73
October	29	125.11	86	336.69	114	283.66
November	9	126.34	38	372.87	47	325.95
December	38	106.56	21	259.42	59	161.06
<b>Total</b>	<b>185</b>	<b>96.56</b>	<b>238</b>	<b>291.38</b>	<b>423</b>	<b>206.02</b>
1998:						
January	28	77.92	3	326.77	31	101.44
February	9	98.29	a	334.28	9	105.90
March	28	98.75	16	228.32	44	147.23
April	28	52.07	6	169.69	34	72.33
May	38	133.57	12	240.73	50	159.68
June	9	79.87	8	131.41	16	104.38
July	27	54.93	24	110.47	52	80.98
August	70	59.94	23	290.46	93	116.82
September	38	114.53	56	194.16	94	161.68
October	30	53.17	41	296.74	71	193.97
November	23	71.75	44	349.68	67	254.41
December	8	134.69	17	195.26	25	176.43
<b>Total</b>	<b>337</b>	<b>81.58</b>	<b>251</b>	<b>242.73</b>	<b>588</b>	<b>150.44</b>

<sup>a</sup> Less than 1 million board feet.

Note: These figures are preliminary.

Source: Forest Service, U.S. Department of Agriculture.

**Table 91—Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1994-98**

(In thousand board feet, Scribner scale)

Agency	1994	1995	1996	1997		1998				Total
				Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
<b>Western Washington:</b>										
USDA Forest Service <sup>a</sup>	21,553	71,432	82,354	74,174	34,905	880	2,962	18,486	5,129	27,456
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0	0	0	0
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	344,887	511,815	410,996	547,097	159,289	96,230	116,805	71,667	127,415	412,117
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Eastern Washington:</b>										
USDA Forest Service <sup>a</sup>	82,101	138,086	140,759	88,440	33,761	15,531	21,086	16,339	28,200	81,156
U.S. Bur. Land Mgmt.	0	1,010	2,978	0	0	0	0	0	0	0
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	67,382	81,080	79,468	58,306	7,772	6,200	11,688	18,814	12,511	49,213
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Western Oregon:</b>										
USDA Forest Service <sup>a</sup>	100,711	256,016	449,656	256,447	126,367	42,147	23,147	33,684	33,992	132,970
U.S. Bur. Land Mgmt.	16,309	155,564	160,301	229,491	45,696	45,502	16,567	139,641	70,365	272,075
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	125,289	124,638	160,243	219,968	80,035	16,665	36,807	104,117	54,672	212,261
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Eastern Oregon:</b>										
USDA Forest Service <sup>a</sup>	182,947	293,569	462,310	201,498	53,697	40,166	52,130	137,029	81,698	311,022
U.S. Bur. Land Mgmt.	4,820	2,483	7,301	2,176	1,682	0	0	0	0	0
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	9,611	3,130	0	5,787	0	0	1,812	5,697	2,161	9,670
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>All public lands:</b>										
USDA Forest Service <sup>a</sup>	387,312	759,102	1,135,080	620,559	248,730	98,724	99,326	205,537	149,017	552,605
U.S. Bur. Land Mgmt.	21,129	159,057	170,580	231,667	47,378	45,502	16,567	139,641	70,365	272,075
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	412,269	592,895	490,464	605,403	167,061	102,430	128,493	90,481	139,926	461,330
State of Oregon	134,899	127,768	160,243	225,755	80,035	16,665	38,619	109,814	56,833	221,931
<b>Total</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

NA = not available.

<sup>a</sup> Convertible products only.

<sup>b</sup> Excludes sales under \$20,000.

Source: Respective agencies listed.

**Table 92—Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1994-98**

(In dollars per thousand board feet)

Agency	1994	1995	1996	1997		1998				Total
				Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Western Washington:										
USDA Forest Service <sup>a</sup>	183.37	315.62	246.99	217.62	237.66	36.06	176.85	75.22	96.77	88.95
U.S. Bur. Land Mgmt.	--	--	--	--	--	--	--	--	--	--
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	536.81	404.81	440.47	432.37	408.75	346.56	321.12	256.93	304.57	310.78
Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Washington:										
USDA Forest Service <sup>a</sup>	226.34	72.73	92.87	87.04	76.60	132.77	37.03	83.41	128.92	96.62
U.S. Bur. Land Mgmt.	--	72.59	88.45	--	--	--	--	--	--	--
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	457.87	354.54	226.84	227.01	173.03	121.82	274.50	174.01	293.86	221.77
Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Western Oregon:										
USDA Forest Service <sup>a</sup>	522.47	358.84	233.82	258.10	251.49	231.90	148.95	176.58	131.95	177.90
U.S. Bur. Land Mgmt.	337.14	435.59	390.83	366.60	368.80	290.43	194.77	263.12	196.26	246.24
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	554.43	508.42	457.90	415.43	430.65	340.14	294.09	262.55	274.80	277.27
Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Oregon:										
USDA Forest Service <sup>a</sup>	96.36	125.22	85.90	70.47	73.82	63.29	97.51	52.89	60.12	63.61
U.S. Bur. Land Mgmt.	139.57	192.86	68.05	137.73	115.84	--	--	--	--	--
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	414.66	393.94	--	359.13	--	--	329.65	307.21	255.54	299.87
Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
All public lands:										
USDA Forest Service <sup>a</sup>	239.56	212.38	157.05	167.96	187.45	145.96	99.03	77.60	90.79	97.22
U.S. Bur. Land Mgmt.	292.07	429.50	371.73	364.45	359.81	290.43	194.77	263.12	196.26	246.24
U.S. Bur. Indian Aff.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington <sup>b</sup>	523.91	397.94	405.86	412.59	397.79	332.96	316.88	239.69	303.61	301.28
State of Oregon	544.47	505.62	457.90	413.99	430.65	340.14	295.75	264.87	274.06	278.25
Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest land are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>b</sup> Excludes sales under \$20,000.

Source: Respective agencies listed.

**Table 93—Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1987-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir		Ponderosa and Jeffrey pines	Sugar pine	White pine	Lodgepole pine	Engelmann spruce	Sitka spruce	Western hemlock	Cedars <sup>a</sup>	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1987	1,876,085	286,167	680,770	34,524	10,593	80,925	27,906	9,573	495,796	103,239	34,841	118,646	397,108	4,206,502
1988	1,790,538	289,044	643,546	39,436	10,917	136,398	39,222	10,232	330,541	99,038	66,308	49,729	407,048	4,267,356
1989	599,627	222,795	452,393	17,288	5,891	69,981	30,314	2,358	100,717	33,950	38,834	24,497	200,921	1,982,321
1990	1,931,649	269,703	513,635	25,035	6,581	158,096	24,965	3,360	278,068	71,847	69,441	41,829	384,564	4,270,541
1991	124,078	94,537	211,308	1,050	561	86,157	11,480	322	41,324	8,551	25,920	9,085	152,952	799,445
1992	131,359	70,198	113,187	1,328	695	73,563	1,600	251	39,227	6,696	9,452	7,186	69,772	534,968
1993	113,985	43,974	150,418	2,886	178	20,082	4,356	61	7,272	3,596	2,350	1,007	47,025	412,700
1994	59,333	37,560	21,418	1,847	332	31,501	1,816	45	9,454	3,126	10,251	1,305	27,009	222,121
1995	161,107	72,291	87,349	2,885	985	31,194	1,568	176	29,358	8,012	7,953	19,606	51,284	499,871
1996	66,447	319,093	89,490	15,443	824	34,968	1,870	279	32,291	3,326	12,484	10,883	128,497	769,512
1997:														
1st quarter	17,363	33,318	13,206	1,649	1,289	3,450	0	1,096	5,848	208	90	6,616	4,096	91,367
2d quarter	13,630	20,937	11,088	37	0	2,578	0	0	320	68	279	340	8,549	58,321
3d quarter	18,254	37,088	13,754	70	937	1,139	57	0	6,247	1,372	1,116	911	11,667	99,874
4th quarter	12,605	87,951	17,125	330	334	10,717	25	90	12,138	595	1,889	3,289	26,349	202,770
1997 total	61,852	179,294	55,173	2,086	2,560	17,884	82	1,186	24,553	2,243	3,374	11,156	50,661	452,332
1998:														
1st quarter	16,180	24,600	14,594	23	8	3,576	24	0	2,705	1,045	2	183	8,989	77,808
2d quarter	2,693	20,163	22,700	18	8	8,521	0	0	1,574	278	498	50	7,005	66,217
3d quarter	2,643	44,878	38,725	259	518	2,808	15	740	9,664	313	376	1,905	52,906	159,922
4th quarter	10,367	26,337	14,064	0	0	26,956	8	197	3,291	549	266	1,231	20,877	109,469
1998 total	31,883	115,978	90,082	299	535	41,860	47	937	17,235	2,204	1,142	3,369	89,777	413,415

<sup>a</sup> Includes Port-Orford-cedar, Alaska cedar, incense cedar, and western redcedar.

Source: Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington and a small portion of northern California.

**Table 94—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1987-98<sup>a</sup>**

(In dollars per thousand board feet)

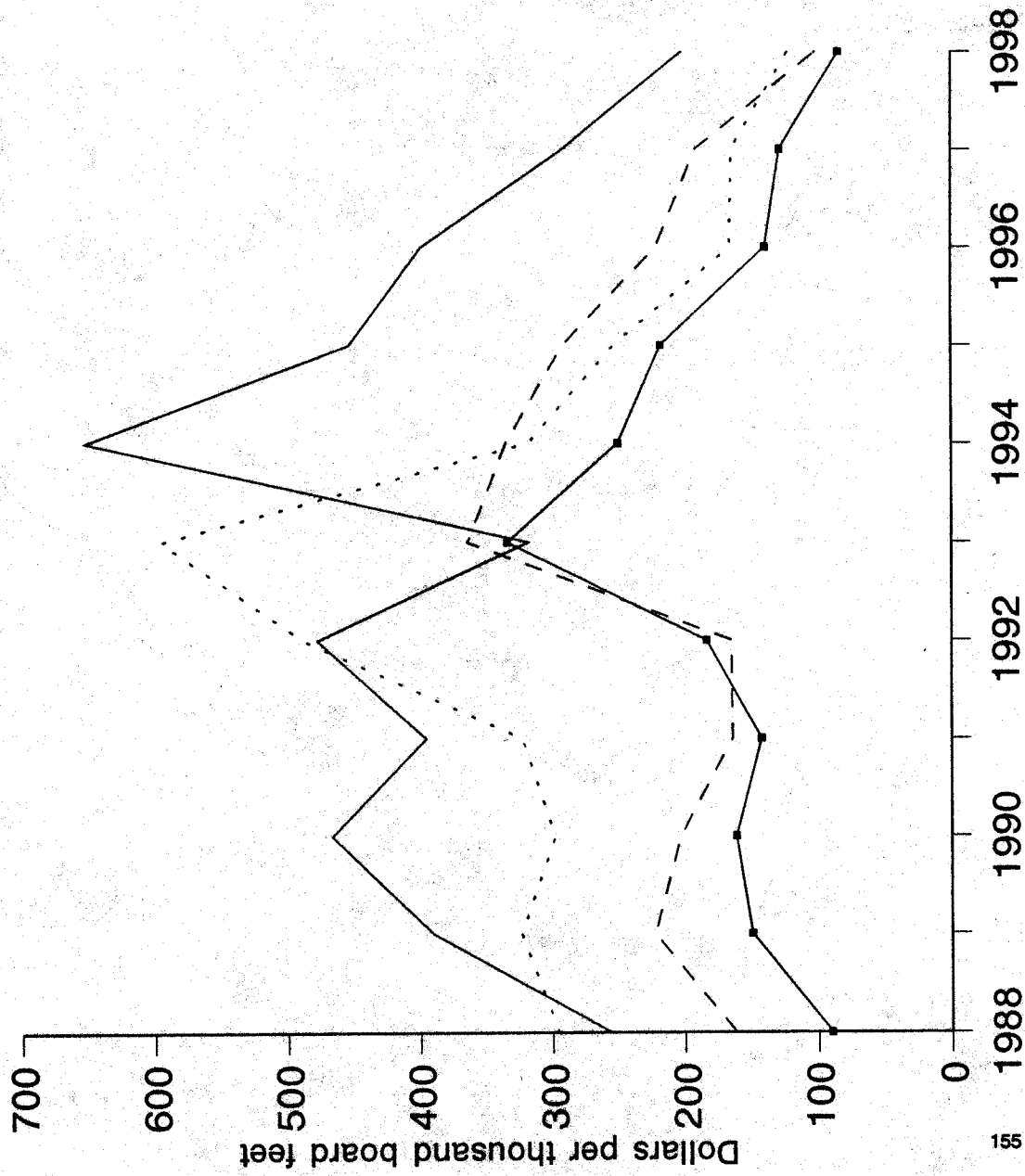
Year and quarter	Douglas-fir		Ponderosa and Jeffrey pines	Sugar pine	White pine	Lodgepole pine	Engelmann spruce	Sitka spruce	Western hemlock	Cedars <sup>b</sup>	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1987	190.20	46.00	267.10	300.60	220.10	18.00	24.00	81.20	103.70	192.40	46.30	101.90	63.70	161.50
1988	256.04	83.52	295.45	253.55	236.83	40.38	51.92	98.28	161.86	259.18	80.74	134.21	89.94	206.40
1989	389.80	161.60	323.44	292.91	272.66	68.90	105.94	87.51	222.47	158.06	132.73	203.00	149.42	268.37
1990	466.35	149.07	297.78	341.35	262.42	59.39	96.80	138.53	203.04	266.30	141.66	407.83	161.08	330.00
1991	394.95	110.03	322.50	335.70	187.53	92.40	141.31	219.92	164.10	284.94	94.24	279.49	142.37	224.61
1992	477.21	183.78	487.91	454.16	239.47	103.74	143.96	176.17	164.68	231.76	258.95	193.34	183.42	309.12
1993	317.75	254.53	595.26	531.45	518.59	156.52	82.08	524.91	363.66	367.31	352.47	341.51	333.72	407.96
1994	652.36	307.87	318.20	588.27	763.67	155.72	216.00	376.68	334.80	363.51	482.19	449.81	250.13	394.14
1995	453.38	143.57	253.19	433.58	488.33	136.01	146.22	175.10	291.84	86.56	271.48	285.36	217.78	295.34
1996	398.98	267.68	165.67	58.21	328.74	96.62	60.19	107.67	221.28	497.17	217.49	204.30	139.36	231.78
1997:														
1st quarter	328.39	435.65	207.65	421.98	305.89	270.32	--	112.61	212.37	723.56	206.34	221.06	144.71	322.91
2d quarter	221.62	163.71	125.22	365.41	--	107.29	--	--	298.70	289.52	166.64	287.10	97.01	161.38
3d quarter	285.95	197.67	182.44	185.83	56.90	96.76	98.56	--	100.14	1,625.65	178.16	52.00	101.23	208.53
4th quarter	323.11	292.62	141.85	302.58	581.13	117.59	134.65	65.59	225.39	392.33	139.44	282.92	147.66	241.77
1997 average	291.26	284.50	164.38	394.16	250.67	144.24	109.56	109.04	191.38	1,174.33	156.28	227.50	128.18	240.46
1998:														
1st quarter	237.21	259.58	109.10	131.51	171.98	116.80	10.01	--	86.07	267.87	293.38	63.17	135.80	197.13
2d quarter	181.82	190.38	159.51	230.58	306.94	97.21	--	--	149.28	42.13	190.33	296.84	101.84	156.12
3d quarter	103.55	168.52	108.83	520.47	232.86	81.34	105.67	67.51	104.12	275.28	247.78	205.42	58.87	110.52
4th quarter	176.28	203.77	112.19	--	--	73.67	100.00	103.14	83.18	324.46	229.79	113.91	120.11	130.06
1998 average	201.64	199.64	122.17	473.97	233.02	82.66	56.07	74.99	101.41	268.01	218.60	165.08	84.17	139.30

<sup>a</sup> Prices for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Before 1984, prices for stumpage on National Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds). Beginning in 1984, prices for stumpage on National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>b</sup> Includes Port-Orford-cedar, Alaska cedar, incense cedar, and western redcedar.

Source: Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington and a small portion of northern California.

Figure 7--Average stumpage price for sawtimber sold on National Forests, Pacific Northwest Region



**Table 95—Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1998**

(Volume in million board feet; value in dollars per thousand board feet)

Quarter	Colville		Deschutes		Fremont		Gifford Pinchot		Malheur	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	10.1	112.48	25.4	61.54	3.5	87.75	1.4	296.60	5.8	150.36
2d qtr.	1.7	77.16	21.2	42.34	3.9	117.65	6.2	233.21	1.8	234.09
3d qtr.	11.6	72.21	14.2	42.67	9.5	120.80	15.0	325.75	9.5	85.15
4th qtr.	8.4	80.92	10.9	36.57	8.6	83.63	11.5	234.27	31.5	33.35
Total	31.7	87.56	71.7	48.34	25.5	103.16	34.2	276.82	48.7	64.98
	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.2	68.94	3.6	96.70	2.1	110.10	1.2	333.52	4.0	189.08
2d qtr.	.7	33.47	9.6	139.77	1.9	50.57	3.6	95.36	3.4	79.74
3d qtr.	.8	22.40	14.5	171.49	11.2	29.79	5.1	137.79	2.5	107.12
4th qtr.	2.7	43.64	11.1	152.73	4.6	24.28	2.3	135.49	4.0	172.76
Total	6.4	48.67	38.9	151.29	19.9	39.07	12.2	143.79	13.9	142.81
	Rogue River <sup>a</sup>		Siskiyou <sup>a</sup>		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.9	273.75	1.6	351.80	5.0	132.70	6.0	22.39	1.7	363.40
2d qtr.	2.8	182.87	4.5	395.96	8.1	1,001.72	4.4	110.79	9.9	339.47
3d qtr.	7.9	237.64	8.4	354.01	7.3	195.23	24.5	44.76	32.1	342.61
4th qtr.	2.6	165.71	6.4	285.71	2.9	398.97	31.4	68.22	7.4	242.57
Total	15.1	219.83	20.9	341.92	23.3	487.23	66.3	58.25	51.2	328.34
	Wallowa-Whitman		Wenatchee		Willamette		Winema		Western Oregon	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	7.0	69.46	4.3	50.20	11.8	344.49	6.4	65.45	25.7	264.84
2d qtr.	5.3	67.00	3.6	45.94	13.7	337.47	5.6	37.03	48.6	405.90
3d qtr.	14.1	69.87	5.6	70.00	24.5	388.25	9.8	44.17	94.8	309.19
4th qtr.	9.6	52.12	3.6	47.52	13.1	285.50	7.8	46.92	43.5	244.73
Total	36.0	64.65	17.0	55.27	63.2	347.71	29.5	48.18	212.5	312.73
	Eastern Oregon		Western Washington		Eastern Washington		Northern California		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	56.2	71.45	7.6	174.00	15.5	112.05	0.0	--	105.1	132.14
2d qtr.	40.6	61.07	10.4	168.75	12.4	88.62	0.0	--	111.9	223.69
3d qtr.	92.5	58.47	18.3	282.90	22.7	85.45	1.0	176.77	228.2	183.27
4th qtr.	102.9	51.22	18.2	192.62	15.7	74.63	0.0	--	180.4	114.24
Total	292.2	58.77	54.5	215.79	66.3	89.71	1.0	176.77	625.6	162.01

<sup>a</sup> Includes a small portion of the Forest that lies in northern California.

Source: Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington and a small portion of northern California.



**Table 96—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1998<sup>a b</sup>**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

National Forest	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs <sup>c</sup>		All species	
	West side		East side		Volume	Value	Volume	Value	Volume	Value	Volume	Value
	Volume	Value	Volume	Value								
<b>Western Oregon:</b>												
<b>Mount Hood--</b>												
1st quarter	5,959	160.15	174	143.17	0	--	381	10.00	0	--	6,536	157.87
2d quarter	1,328	150.77	0	--	0	--	0	--	621	19.20	3,525	120.03
3d quarter	9,778	107.60	2,768	174.97	0	--	0	--	5,308	39.81	23,168	90.20
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	17,065	129.31	2,942	173.09	0	--	381	10.00	5,929	37.66	33,229	106.68
<b>Rogue River--</b>												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	940	197.74	0	--	503	183.02	0	--	860	157.70	2,503	219.83
3d quarter	798	365.95	0	--	845	213.24	0	--	3,463	204.36	5,106	238.84
4th quarter	345	219.34	0	--	34	100.29	0	--	15	157.27	394	206.71
Total and average	2,083	265.76	0	--	1,382	199.46	0	--	4,338	194.94	8,003	231.31
<b>Siskiyou--</b>												
1st quarter	233	365.08	0	--	0	--	0	--	0	--	233	365.08
2d quarter	10	579.00	0	--	0	--	0	--	0	--	10	638.00
3d quarter	22,730	278.86	0	--	0	--	0	--	238	298.25	23,438	309.34
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	22,973	279.87	0	--	0	--	0	--	238	298.25	23,681	310.03
<b>Siuslaw--</b>												
1st quarter	0	--	0	--	0	--	65	216.74	0	--	65	223.86
2d quarter	1,415	140.35	0	--	0	--	448	99.65	0	--	1,863	130.56
3d quarter	0	--	0	--	0	--	0	--	0	--	0	--
4th quarter	106	194.96	0	--	0	--	0	--	0	--	06	194.95
Total and average	1,521	144.15	0	--	0	--	513	114.49	0	--	2,034	136.90
<b>Umpqua--</b>												
1st quarter	4,102	135.79	0	--	0	--	0	--	0	--	4,102	193.89
2d quarter	5,350	195.36	0	--	0	--	295	130.20	0	--	5,645	298.59
3d quarter	19,277	195.13	0	--	0	--	96	108.31	2,283	230.92	25,809	195.44
4th quarter	17,610	325.20	0	--	235	261.09	0	--	3,097	221.11	27,446	294.03
Total and average	46,339	239.33	0	--	235	261.09	391	124.83	5,380	225.27	63,002	247.53
<b>Willamette--</b>												
1st quarter	7,570	329.48	0	--	0	--	1,207	125.88	0	--	8,777	330.47
2d quarter	6,194	174.08	0	--	0	--	385	238.28	0	--	6,579	189.95
3d quarter	6,814	364.86	0	--	0	--	748	92.00	0	--	7,562	353.81
4th quarter	65,629	278.72	0	--	0	--	5,090	268.20	0	--	72,849	306.98
Total and average	86,207	282.46	0	--	0	--	7,430	225.79	0	--	95,767	304.79
<b>All western Oregon:</b>												
1st quarter	17,864	228.98	174	143.17	0	--	1,653	102.74	0	--	19,713	244.88
2d quarter	15,237	178.11	0	--	503	183.02	1,128	154.96	1,481	99.63	20,125	206.62
3d quarter	59,397	234.53	2,768	174.97	845	213.24	844	93.85	11,292	134.36	85,083	214.84
4th quarter	83,690	288.15	0	--	269	240.77	5,090	268.20	3,112	220.80	100,795	302.95
Total and average	176,188	254.56	2,942	173.09	1,617	208.42	8,715	205.27	15,885	148.06	225,716	256.08
<b>Western Washington:</b>												
<b>Gifford Pinchot--</b>												
1st quarter	0	--	0	--	0	--	55	176.78	0	--	55	178.22
2d quarter	1,538	205.91	0	--	0	--	941	150.51	0	--	2,528	185.36
3d quarter	1,160	219.35	0	--	0	--	0	--	0	--	1,160	219.35
4th quarter	825	300.14	0	--	0	--	874	241.18	0	--	1,712	268.66
Total and average	3,523	232.40	0	--	0	--	1,870	193.66	0	--	5,455	218.66
<b>Mount Baker-Snoqualmie--</b>												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	10	130.80	0	--	149	225.35
3d quarter	3,563	72.67	0	--	0	--	4,873	41.60	0	--	10,079	75.96
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	3,563	72.67	0	--	0	--	4,883	41.78	0	--	10,228	78.14
<b>Olympic--</b>												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	408	17.06	0	--	0	--	1,688	33.46	0	--	2,096	56.51
3d quarter	3,694	176.08	0	--	0	--	2,607	92.55	0	--	6,825	133.69
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	4,102	160.27	0	--	0	--	4,295	69.33	0	--	8,921	115.56

**Table 96--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1998<sup>a b</sup> (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

National Forest	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs <sup>c</sup>		All species	
	West side		East side		Volume	Value	Volume	Value	Volume	Value	Volume	Value
	Volume	Value	Volume	Value								
All western Washington:												
1st quarter	0	--	0	--	0	--	55	176.78	0	--	55	178.22
2d quarter	1,946	166.31	0	--	0	--	2,639	75.57	0	--	4,773	130.03
3d quarter	8,417	138.27	0	--	0	--	7,480	59.36	0	--	18,064	106.98
4th quarter	825	300.14	0	--	0	--	874	241.18	0	--	1,712	268.66
Total and average	11,188	155.08	0	--	0	--	11,048	78.20	0	--	24,604	122.86
All western Oregon and western Washington:												
1st quarter	17,864	228.98	174	143.17	0	--	1,708	05.13	0	--	19,768	244.69
2d quarter	17,183	176.78	0	--	503	183.02	3,767	99.34	1,481	99.63	24,898	191.93
3d quarter	67,814	222.58	2,768	174.97	845	213.24	8,324	62.85	11,292	134.36	103,147	195.95
4th quarter	84,515	288.26	0	--	269	240.77	5,964	264.24	3,112	220.80	102,507	302.37
Total and average	187,376	248.62	2,942	173.09	1,617	208.42	19,763	134.23	15,885	148.06	250,320	242.98
Eastern Oregon:												
Deschutes--												
1st quarter	0	--	286	187.55	9,02	142.23	0	--	2,289	56.90	25,445	99.14
2d quarter	0	--	74	194.91	690	203.23	0	--	396	173.02	7,546	80.26
3d quarter	0	--	106	153.87	460	166.97	0	--	2,635	135.36	11,627	77.59
4th quarter	0	--	207	112.24	1,315	128.36	0	--	2,019	96.00	10,269	58.39
Total and average	0	--	673	159.89	11,567	145.27	0	--	7,339	102.09	54,887	84.36
Fremont--												
1st quarter	0	--	0	--	2,490	87.90	0	--	22	10.68	2,512	87.21
2d quarter	0	--	0	--	11,179	225.88	0	--	26	50.81	14,543	181.78
3d quarter	0	--	0	--	3,351	210.16	0	--	4,479	31.98	11,162	81.19
4th quarter	0	--	0	--	986	130.31	0	--	2,709	7.22	3,695	40.07
Total and average	0	--	0	--	18,006	198.64	0	--	7,236	22.71	31,912	122.74
Malheur--												
1st quarter	0	--	1,737	36.43	13,896	65.09	0	--	3,047	76.30	6,536	157.87
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	674	32.09	28,325	46.90	0	--	38,382	22.68	57,408	40.84
4th quarter	0	--	898	40.66	3,777	43.61	0	--	2,639	60.85	9,878	49.42
Total and average	0	--	3,309	36.69	45,998	52.13	0	--	44,068	28.68	73,822	52.35
Ochoco--												
1st quarter	0	--	2,116	16.02	2,091	52.39	0	--	291	10.27	4,522	47.46
2d quarter	0	--	110	27.02	501	37.79	0	--	0	--	611	35.85
3d quarter	0	--	743	59.44	1,652	52.38	0	--	154	91.62	2,579	77.55
4th quarter	0	--	1,266	25.97	1,373	57.79	0	--	1,767	10.15	4,806	27.16
Total and average	0	--	4,235	26.90	5,647	52.40	0	--	2,212	15.84	12,518	45.30
Umatilla--												
1st quarter	0	--	1,735	157.66	171	99.51	0	--	5,455	46.75	7,361	79.09
2d quarter	0	--	5,778	89.36	41,416	187.36	0	--	13,058	40.18	28,266	94.51
3d quarter	0	--	3,503	125.75	1,273	131.01	0	--	8,957	66.05	13,733	101.78
4th quarter	0	--	2,030	188.33	1,374	197.23	0	--	891	126.73	4,564	169.30
Total and average	0	--	13,046	123.62	44,234	185.71	0	--	28,361	52.33	53,924	100.59
Wallowa-Whitman--												
1st quarter	0	--	422	119.66	2,793	152.12	0	--	242	188.48	3,843	153.27
2d quarter	0	--	904	78.07	3,501	118.75	0	--	161	93.62	4,844	110.62
3d quarter	0	--	6,055	95.18	10,587	91.27	0	--	2,805	130.86	20,696	105.11
4th quarter	0	--	310	71.38	721	119.11	0	--	168	91.90	1,255	103.03
Total and average	0	--	7,691	93.55	17,602	107.53	0	--	3,376	131.28	30,638	111.94
Winema--												
1st quarter	0	--	0	--	293	136.85	0	--	185	155.27	840	152.47
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	111	166.42	0	--	0	--	1,829	64.95
4th quarter	0	--	0	--	1,329	183.22	0	--	4,612	163.38	17,861	90.11
Total and average	0	--	0	--	1,733	174.30	0	--	4,797	163.07	20,530	90.42
All eastern Oregon:												
1st quarter	0	--	6,296	75.42	30,836	97.59	0	--	11,531	60.30	51,059	103.55
2d quarter	0	--	6,866	88.01	57,287	189.57	0	--	13,641	44.69	55,810	116.08
3d quarter	0	--	11,081	99.17	45,789	73.14	0	--	57,412	40.82	119,034	67.58
4th quarter	0	--	4,711	105.51	10,875	104.98	0	--	14,805	86.04	52,328	74.10
Total and average	0	--	28,954	92.39	144,787	126.81	0	--	97,389	50.54	278,231	85.14

**Table 96--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1998<sup>a b</sup> (continued)**

(Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

National Forest	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs <sup>c</sup>		All species	
	West side		East side		Volume	Value	Volume	Value	Volume	Value	Volume	Value
	Volume	Value	Volume	Value								
Eastern Washington:												
Colville--												
1st quarter	0	--	730	40.78	0	--	0	--	242	94.78	1,123	75.39
2d quarter	0	--	10	284.30	0	--	0	--	0	--	1,697	90.74
3d quarter	0	--	2,854	178.25	0	--	101	126.17	1,259	210.89	8,440	166.17
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	0	--	3,594	150.62	0	--	101	126.17	1,501	192.17	11,260	145.75
Okanogan--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	265	59.55	0	--	0	--	0	--	283	62.07
4th quarter	0	--	2,355	94.29	455	52.43	0	--	0	--	2,943	92.36
Total and average	0	--	2,620	90.78	455	52.43	0	--	0	--	3,226	89.70
Wenatchee--												
1st quarter	0	--	341	37.99	61	84.03	0	--	92	40.23	652	87.14
2d quarter	0	--	3,963	38.91	4,794	52.77	0	--	0	--	17,503	35.23
3d quarter	0	--	5,321	100.36	1,589	74.80	0	--	0	--	8,397	78.55
4th quarter	0	--	3,912	19.44	1,654	39.94	0	--	0	--	5,566	26.42
Total and average	0	--	13,537	57.42	8,098	54.71	0	--	92	40.23	32,118	46.09
All eastern Washington:												
1st quarter	0	--	1,071	39.89	61	84.03	0	--	334	79.75	1,775	79.71
2d quarter	0	--	3,973	39.52	4,794	52.77	0	--	0	--	19,200	40.14
3d quarter	0	--	8,440	125.42	1,589	74.80	101	126.17	1,259	210.89	17,120	121.48
4th quarter	0	--	6,267	47.57	2,109	42.63	0	--	0	--	8,509	49.23
Total and average	0	--	19,751	78.80	8,553	54.59	101	126.17	1,593	183.39	46,604	73.19
All eastern Oregon and eastern Washington:												
1st quarter	0	--	7,367	70.26	30,897	97.57	0	--	11,865	60.85	52,834	102.75
2d quarter	0	--	10,839	70.24	62,081	179.01	0	--	13,641	44.69	75,010	96.64
3d quarter	0	--	19,521	110.52	47,378	73.20	101	126.17	58,671	44.47	136,154	74.36
4th quarter	0	--	10,978	72.43	12,984	94.86	0	--	14,805	86.04	60,837	70.63
Total and average	0	--	48,705	86.88	153,340	122.78	101	126.17	98,982	52.68	324,835	83.42
Pacific Northwest Region:												
1st quarter	17,864	228.98	7,541	71.94	30,897	97.57	1,708	05.31	11,865	60.85	72,602	141.40
2d quarter	17,183	176.78	10,839	70.24	62,584	179.04	3,767	99.34	15,122	50.07	99,908	120.39
3d quarter	67,814	222.58	22,289	118.52	48,223	75.65	8,425	63.61	69,963	58.97	239,301	126.77
4th quarter	84,515	288.26	10,978	72.43	13,253	97.82	5,964	264.24	17,917	109.44	163,344	216.06
Total and average	187,376	248.62	51,647	91.79	154,957	123.67	19,864	134.19	114,867	65.87	575,155	152.87
All of Oregon:												
1st quarter	17,864	228.98	6,470	77.24	30,836	97.59	1,653	102.74	11,531	60.30	70,772	142.92
2d quarter	15,237	178.11	6,666	88.01	57,790	189.51	1,128	154.96	15,122	50.07	75,935	140.08
3d quarter	59,397	234.53	13,849	114.32	46,634	75.68	844	93.85	68,704	56.19	204,117	128.97
4th quarter	83,690	288.15	4,711	105.51	11,144	108.26	5,090	268.20	17,917	109.44	153,123	224.74
Total and average	176,188	254.56	31,896	99.84	146,404	127.71	8,715	205.27	113,274	64.21	503,947	161.70
All of Washington:												
1st quarter	0	--	1,071	39.89	61	84.03	55	176.78	334	79.75	1,830	82.67
2d quarter	1,946	166.31	3,973	39.52	4,794	52.77	2,639	75.57	0	--	23,973	58.04
3d quarter	8,417	138.27	8,440	125.42	1,589	74.80	7,581	60.25	1,259	210.89	35,184	114.04
4th quarter	825	300.14	6,267	47.57	2,109	42.63	874	241.18	0	--	10,221	85.98
Total and average	11,188	155.08	19,751	78.80	8,553	54.59	11,149	78.63	1,593	183.39	71,208	90.35

<sup>a</sup> Preliminary.

<sup>b</sup> Prices for individual sales may vary from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage in National Forest lands are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>c</sup> Does not include noble fir or Shasta red fir.

Source: Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington and a small portion of northern California.

**Table 97—Volume of timber sold on publicly owned or managed lands in Alaska, 1993-98**

(In thousand board feet, Scribner scale)

Agency	1993	1994	1995	1996	1997				1998				Total
					Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.			
USDA Forest Service <sup>a</sup>	67,195	93,942	63,945	74,545	170,511	12,609	3,038	4,954	3,683	7,975	19,649		
U.S. Bureau of Land Manage. <sup>b</sup>	520	250	246	0	562	562	0	0	58	0	58		
U.S. Bureau of Indian Affairs	1,200	6,015	NA	0	118	0	0	0	0	0	0		
State of Alaska	23,160	<sup>c</sup> 16,237	32,438	11,567	11,697	859	NA	NA	NA	NA	NA		
<b>Total</b>	<b>92,075</b>	<b>116,444</b>	<b>NA</b>	<b>86,112</b>	<b>182,888</b>	<b>14,030</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>		

NA = not available.

<sup>a</sup> Convertible products only.<sup>b</sup> Does not include cull log sales or volume given away through free use permits.<sup>c</sup> Figure available on annual basis only.

Source: Respective agencies listed.

**Table 98—Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1993-98**

(In dollars per thousand board feet)

Agency	1993	1994	1995	1996	1997				1998			
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average	
USDA Forest Service <sup>a</sup>	102.27	112.95	35.47	165.54	64.71	38.45	65.24	13.04	123.58	27.45	47.68	
U.S. Bureau of Land Manage. <sup>b</sup>	11.73	6.17	19.57	--	10.66	10.66	--	--	40.00	--	40.00	
U.S. Bureau of Indian Affairs	49.61	101.00	NA	--	96.00	--	--	--	--	--	--	
State of Alaska	49.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Average	87.87	96.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NA = not available.

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs are not included in the bid.

<sup>b</sup> Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

**Table 99—Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1987-98**

(Volume in thousand board feet, Scribner scale)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1987	38,147	67,293	a	17,741	123,181
1988	4,666	9,582	1,292	638	17,997
1989	30,271	52,070	18,684	786	101,998
1990	7,348	14,549	4,008	0	25,905
1991	-77,975	-193,227	-5,191	693	-275,701
1992	32,192	77,129	25,728	30	135,079
1993	13,106	31,597	7,508	55	52,263
1994	11,812	34,999	6,288	612	53,712
1995	10,560	41,131	1,548	1,229	54,468
1996	17,767	40,556	7,453	1,786	67,563
1997:					
1st qtr.	8,815	20,254	3,738	584	33,392
2d qtr.	13,199	31,508	9,357	3,901	57,964
3d qtr.	6,983	28,772	5,657	0	41,412
4th qtr.	2,847	7,170	2,038	98	12,154
1997 total	31,844	87,704	20,790	4,583	144,922
1998:					
1st qtr.	643	1,732	93	0	2,468
2d qtr.	1,005	2,487	654	0	4,147
3d qtr.	674	1,240	1,209	0	3,123
4th qtr.	1,293	3,984	1,502	0	6,779
1998 total	3,615	9,443	3,458	0	16,517

<sup>a</sup> Volume of cedar is included in "other softwoods" category.

Source: Forest Service, U.S. Department of Agriculture. Alaska Region is the State of Alaska.

**Table 100—Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1987-98<sup>a</sup>**

(In dollars per thousand board feet)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1987	58.23	25.02	<sup>b</sup>	167.06	55.76
1988	168.95	33.91	277.17	15.50	83.77
1989	201.35	84.86	290.31	46.55	156.68
1990	337.81	83.55	289.40	--	187.53
1991	174.48	11.34	238.05	43.70	61.67
1992	78.82	3.24	132.93	21.03	45.96
1993	211.06	40.25	484.29	29.91	146.86
1994	346.11	20.65	670.37	70.34	168.86
1995	278.05	14.75	945.53	25.63	92.50
1996	551.87	1.27	668.55	43.04	220.78
1997:					
1st quarter	202.73	30.78	711.29	21.25	152.19
2d quarter	57.40	9.96	419.68	6.58	86.67
3d quarter	57.51	10.81	1,086.81	--	165.67
4th quarter	87.74	12.65	642.88	23.62	136.05
1997 average	100.37	15.27	675.55	8.81	128.48
1998:					
1st quarter	329.10	11.13	759.76	--	122.09
2d quarter	39.15	4.44	124.63	--	31.80
3d quarter	210.27	7.02	265.13	--	150.80
4th quarter	42.66	7.61	135.71	--	38.49
1998 average	123.88	7.34	195.63	--	70.54

<sup>a</sup> Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Before 1984, prices for stumpage on National Forest lands are statistical high bids. The statistical high bid is defined as the bid price minus credits for road costs; it includes an allowance for sale-area betterment (K-V funds). Beginning in 1984, prices for stumpage on National Forest land are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

<sup>b</sup> Prices for cedar are included in "other softwoods" category.

Source: Forest Service, U.S. Department of Agriculture. Alaska Region is the State of Alaska.

**Table 101—Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1987-98<sup>a</sup>**

(Volume in million board feet, Scribner scale; value in dollars per thousand board feet)

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region--east side		Pacific Northwest Region--west side		Alaska Region		
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	
1987	942.0	41.20	427.5	20.79	420.3	52.67	367.7	36.19	1,617.2	110.47	1,637.0	119.09	3,284.7	133.99	137.6	26.79	
1988	918.9	47.23	409.3	33.43	443.1	49.93	386.8	57.68	2,012.0	118.35	1,734.9	136.85	3,172.4	187.27	20.2	73.57	
1989	904.1	93.45	384.9	43.78	315.3	59.39	403.8	59.73	1,438.5	154.32	1,482.8	161.75	1,142.3	267.42	117.3	107.95	
1990	750.6	111.23	372.5	49.70	350.4	65.24	401.1	69.75	1,576.8	142.45	1,496.3	144.07	3,380.1	337.73	32.2	60.79	
1991	717.7	102.64	268.5	46.81	221.2	54.96	279.4	80.11	1,729.7	152.10	1,766.0	140.74	296.6	227.89	50.8	35.05	
1992	501.0	149.51	316.7	135.46	225.4	116.15	320.7	123.13	1,238.4	126.43	505.1	177.27	261.5	282.88	155.7	18.88	
1993	382.0	280.22	242.5	153.30	103.9	93.32	339.5	248.01	699.4	243.40	456.5	277.15	181.4	268.79	67.2	102.27	
1994	157.6	244.82	194.1	209.57	111.1	81.74	189.2	200.84	539.0	193.49	265.0	136.60	122.3	462.69	64.9	98.39	
1995	258.6	149.05	130.5	165.68	76.1	35.36	203.3	121.28	453.1	109.20	431.7	108.43	327.4	349.41	63.9	35.47	
1996	478.6	127.50	94.8	96.36	37.8	23.68	299.4	61.34	480.2	117.08	595.8	86.11	532.0	235.86	74.5	165.54	
1997:																	
1st qtr.	73.1	175.61	89.5	128.83	20.6	97.26	11.9	92.13	180.2	103.25	56.6	78.33	85.3	280.96	37.8	138.51	
2d qtr.	56.7	137.37	11.3	74.85	23.9	106.02	17.9	86.17	75.7	70.09	71.9	45.27	27.5	199.91	71.6	48.53	
3d qtr.	77.0	113.19	38.5	96.95	27.4	70.83	42.8	135.53	132.7	127.89	73.2	102.77	56.5	226.28	48.4	37.83	
4th qtr.	121.9	187.08	78.1	121.69	38.9	60.15	32.4	137.16	150.2	106.58	87.5	74.89	161.3	248.50	12.6	38.45	
<b>Total and average</b>	<b>328.7</b>	<b>158.65</b>	<b>217.4</b>	<b>117.81</b>	<b>110.8</b>	<b>79.58</b>	<b>155.0</b>	<b>126.83</b>	<b>538.8</b>	<b>105.58</b>	<b>289.2</b>	<b>75.26</b>	<b>330.6</b>	<b>249.04</b>	<b>170.5</b>	<b>64.71</b>	
1998:																	
1st qtr.	50.4	146.72	19.3	98.22	6.3	54.14	29.8	143.38	61.7	167.62	55.7	82.67	43.0	227.90	3.0	65.24	
2d qtr.	49.3	145.68	8.9	83.70	15.2	30.05	34.0	173.93	102.4	65.15	73.2	80.10	26.1	152.11	5.0	13.04	
3d qtr.	58.5	106.54	58.8	72.10	42.5	37.30	41.9	63.61	111.1	63.12	153.3	56.07	52.2	140.67	3.7	123.58	
4th qtr.	88.1	104.76	61.8	69.17	23.0	40.29	26.0	81.91	125.2	68.76	109.9	77.78	39.1	127.34	8.0	27.45	
<b>Total and average</b>	<b>246.4</b>	<b>121.97</b>	<b>148.9</b>	<b>74.96</b>	<b>87.0</b>	<b>38.04</b>	<b>131.7</b>	<b>113.76</b>	<b>400.4</b>	<b>81.51</b>	<b>392.1</b>	<b>70.42</b>	<b>160.4</b>	<b>162.68</b>	<b>19.6</b>	<b>47.68</b>	

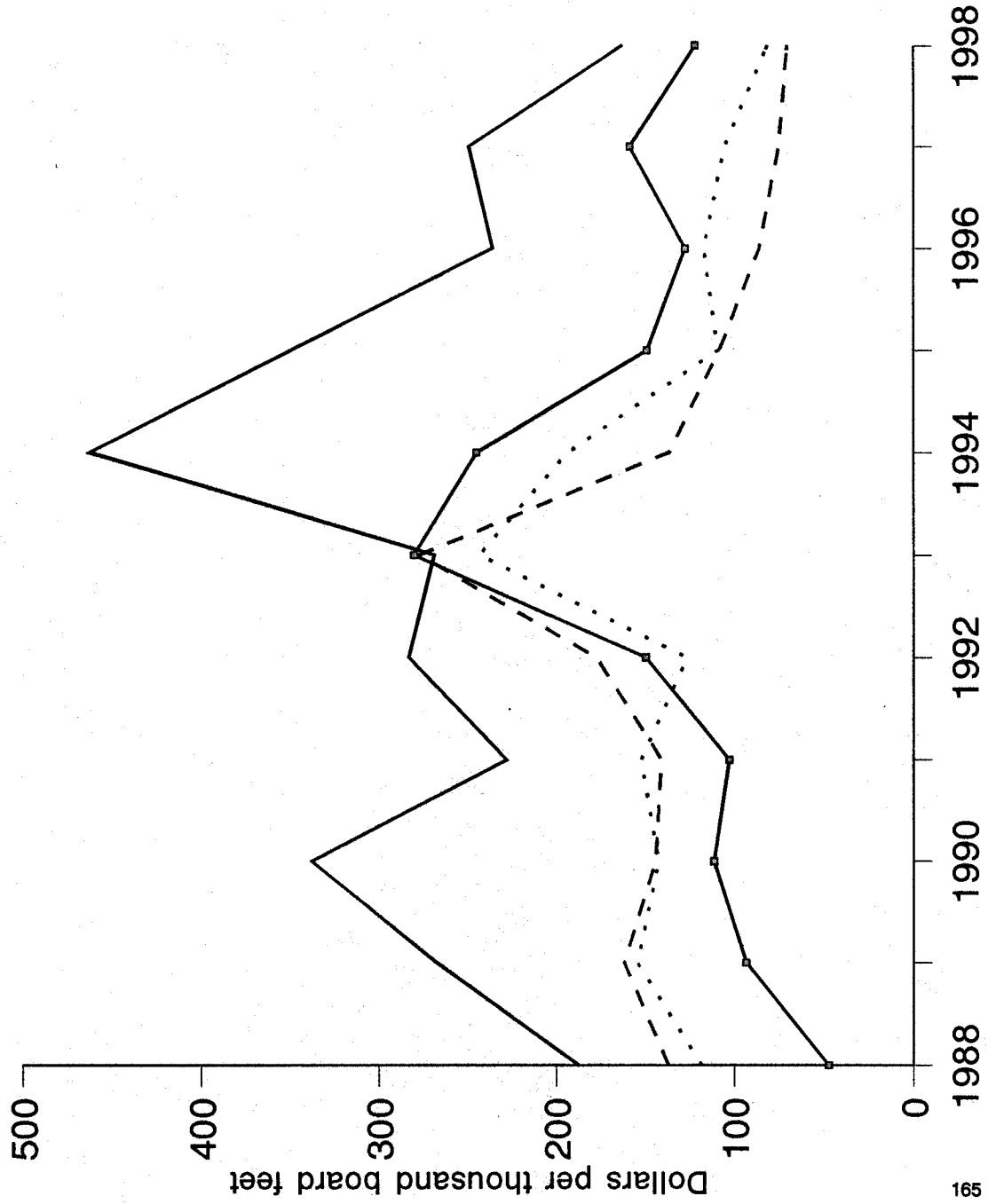
<sup>a</sup> Northern Region includes Montana, northeastern Washington, northern Idaho, North Dakota, and northwestern South Dakota; Rocky Mountain Region includes Colorado, Kansas, Nebraska, remainder of South Dakota, and eastern Wyoming; Southwestern Region includes Arizona and New Mexico; Intermountain Region includes southern Idaho, Nevada, Utah, and western Wyoming; Pacific Southwest Region includes California and Hawaii; Pacific Northwest Region includes Oregon and Washington; Alaska Region is all of Alaska.

<sup>b</sup> Does not include long-term timber contracts.

Source: Respective Regions of the Forest Service, U.S. Department of Agriculture.



Figure 8--Average value of all timber products sold from Forest Service Regions of the Western United States



-□- Northern  
 ··· Pacific Southwest  
 --- Pacific Northwest, east side  
 — Pacific Northwest, west side

**Table 102—Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1987-98<sup>a</sup>**

(Volume in million board feet, Scribner scale; value in dollars per thousand board feet)

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region--east side		Pacific Northwest Region--west side		Alaska Region		
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	
1987	1,132.1	42.05	433.4	14.92	486.6	56.42	446.2	25.51	1,960.3	102.57	1,970.2	106.03	3,470.6	118.58	352.2	-8.87	
1988	920.7	46.49	419.6	17.79	522.7	61.98	449.3	32.28	2,160.6	104.53	1,727.4	121.18	3,778.8	166.32	408.9	4.86	
1989	1,085.0	56.25	405.0	24.34	499.4	53.69	410.2	41.20	2,014.5	119.30	1,932.8	130.31	3,031.2	193.68	461.9	13.30	
1990	904.5	68.55	383.8	20.81	361.7	40.50	408.2	51.95	1,521.1	123.13	1,546.0	122.53	1,941.8	237.93	475.0	39.48	
1991	906.8	78.54	389.8	37.91	337.9	59.82	369.1	59.93	1,336.2	139.30	1,267.1	157.22	1,484.1	261.15	326.5	14.03	
1992	779.3	104.74	327.9	68.56	301.4	85.38	344.1	86.52	1,021.6	174.43	1,015.4	172.58	965.2	292.29	395.3	-25.91	
1993	607.1	154.02	243.4	99.00	141.0	103.05	355.9	174.10	738.9	215.34	955.4	243.21	702.6	361.32	327.1	28.90	
1994	485.6	185.50	247.8	102.88	109.7	104.26	251.5	141.89	807.6	215.71	522.5	223.16	426.1	367.00	251.9	45.76	
1995	325.6	184.72	184.8	120.51	78.0	66.30	215.9	122.72	544.1	209.44	489.3	183.37	320.5	349.66	199.7	66.34	
1996	340.1	181.92	134.4	144.78	45.7	53.12	262.0	134.06	457.5	137.68	442.1	109.61	294.7	370.63	97.9	104.14	
1997:																	
1st qtr.	53.4	187.60	23.0	234.75	10.6	106.37	30.7	216.20	68.5	64.23	87.4	156.02	41.5	369.93	4.2	-232.34	
2d qtr.	32.8	175.92	8.9	189.81	20.8	106.79	14.7	185.27	117.2	141.16	82.3	134.09	84.0	326.80	30.4	30.11	
3d qtr.	146.6	156.71	38.0	162.87	32.4	79.21	90.2	155.57	194.2	140.21	173.9	111.23	123.3	365.84	54.6	21.29	
4th qtr.	119.3	152.96	59.2	144.62	33.6	45.03	64.5	116.13	168.1	123.65	131.2	111.75	86.0	289.47	35.4	26.74	
Total and average	352.1	161.91	129.1	169.16	97.4	76.26	200.1	154.35	548.0	125.84	474.8	123.58	334.8	336.93	124.6	16.41	
1998:																	
1st qtr.	49.5	152.97	26.8	209.00	10.8	42.27	16.9	160.82	40.2	105.45	71.8	80.24	33.3	244.02	9.2	26.37	
2d qtr.	48.9	153.49	13.5	137.98	14.5	34.41	10.8	136.52	62.3	103.98	53.0	67.49	58.9	364.19	29.4	53.36	
3d qtr.	142.5	182.35	54.8	134.77	35.0	34.32	77.4	100.87	203.7	120.73	115.1	63.78	113.1	304.93	47.3	48.11	
4th qtr.	89.5	137.37	52.2	119.35	35.9	36.51	64.8	71.76	146.8	88.57	118.6	54.32	61.7	229.35	35.7	33.70	
Total and average	330.4	152.86	147.4	143.12	96.1	36.04	169.9	98.00	452.9	106.64	358.5	64.49	267.0	292.93	121.5	43.50	

Note: Negative stumpage value caused by emergency rate redeterminations.

<sup>a</sup> Northern Region includes Montana, northeastern Washington, northern Idaho, North Dakota, and northwestern South Dakota; Rocky Mountain Region includes Colorado, Kansas, Nebraska, remainder of South Dakota, and eastern Wyoming; Southwestern region includes Arizona and New Mexico; Intermountain Region includes southern Idaho, Nevada, Utah, and western Wyoming; Pacific Southwest Region includes California and Hawaii; Pacific Northwest Region includes Oregon and Washington; Alaska Region is all of Alaska.

Source: Respective Regions of the Forest Service, U.S. Department of Agriculture.

**Table 103—Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1989-99<sup>a</sup>**

(In million board feet, Scribner log rule)

Year	California <sup>c</sup>	Montana	Idaho <sup>b</sup>		Oregon <sup>d</sup>	Washington <sup>d</sup>
			Northern	Southern		
1989	2,987.2	813.4	1,263.3	475.8	5,289.5	1,783.3
1990	2,214.5	630.6	1,126.9	513.7	4,114.5	1,339.9
1991	1,784.9	638.0	1,078.0	468.3	3,942.2	1,403.4
1992	1,005.7	568.4	856.7	378.1	2,777.1	1,039.5
1993	911.5	471.8	711.6	397.2	2,048.8	775.2
1994	788.8	387.8	486.8	310.8	1,316.1	630.7
1995	664.5	292.7	349.1	274.4	810.0	497.1
1996	519.5	323.7	249.2	375.7	503.4	209.7
1997	585.0	386.8	343.7	<sup>e</sup> 282.5	1,176.4	342.5
1998	569.4	<sup>e</sup> 291.6	<sup>e</sup> 284.9	<sup>f</sup> 211.5	1,023.5	295.2
1999	467.6	294.7	247.5	<sup>e</sup> 162.9	929.4	240.3

<sup>a</sup> As of June 30 unless otherwise noted.

<sup>b</sup> The National Forests in northern Idaho are Clearwater, Nezperce, and the Panhandle administrative unit which absorbed the Coeur D'Alene and the St. Joe National Forests; in southern Idaho, the National Forests are Boise, Caribou, Challis, Payette, Salmon, Sawtooth, and Targhee.

<sup>c</sup> This figure is sawtimber volume only.

<sup>d</sup> Before 1986, the volume figures included some buy-out and default volumes.

<sup>e</sup> As of September 30.

Source: Forest Service, U.S. Department of Agriculture; and Timber Data Company, Eugene, Oregon.

**Table 104—Sale quantity and unyarded volume under contract on Bureau of Land Management lands in Western Oregon, 1989-99**

(In million board feet, Scribner scale)

Year	Sale quantity	Unyarded volume under contract	Ratio
1989	745	1,189	1.6
1990	1,169	1,013	.9
1991	433	911	2.1
1992	48	682	14.2
1993	49	249	5.1
1994	14	138	9.9
1995	127	125	1.0
1996	190	239	1.3
1997	212	R275	1.3
1998	258	R258	R1.0
1999	62	214	3.4

Source: Bureau of Land Management.

**Table 105—Allowable annual cut and uncut volume under contract on Oregon State lands, 1989-99<sup>a</sup>**

(In million board feet, Scribner scale)

Year	Allowable cut	Uncut volume under contract	Ratio
1989	193	286	1.5
1990	180	219	1.2
1991	150	296	2.0
1992	121	273	2.3
1993	121	185	1.5
1994	121	179	1.5
1995	177	171	1.0
1996	177	241	1.4
1997	177	267	1.5
1998	182	362	2.0
1999	225	339	1.5

<sup>a</sup> As of December 31.

Source: State of Oregon, Department of Forestry.

**Table 106—Sustainable harvest and uncut volume under contract on Washington State lands, 1989-99<sup>a</sup>**

(In million board feet, Scribner scale)

Year	Sustainable harvest	Uncut volume under contract	Ratio
1989	778	851	1.1
1990	857	831	1.0
1991	<sup>b</sup> 840	856	1.0
1992	<sup>b</sup> 840	749	.9
1993	<sup>b</sup> 840	803	1.0
1994	<sup>b</sup> 840	819	1.0
1995	b	1,056	NA
1996	b	1,088	NA
1997	655	1,005	1.5
1998	655	1,034	1.6
1999	655	934	1.4

NA = not available.

<sup>a</sup> As of June 30.

<sup>b</sup> Figure does not reflect environmental constraints; permitted or "sustainable" harvest is unknown.

Source: State of Washington, Department of Natural Resources.

**Table 107—Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1993-98**

Quarter	Colville		Deschutes		Fremont		Gifford Pinchot		Malheur	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1993	0	8	2	12	5	23	1	7	5	29
1994	2	27	2	16	1	26	0	6	9	28
1995	3	15	1	20	0	21	1	15	0	16
1996	1	21	2	23	0	51	7	27	6	38
1997	4	29	0	10	2	28	8	13	3	21
1998:										
1st qtr.	0	1	0	10	1	3	1	2	0	2
2d qtr.	0	3	0	7	1	4	3	6	0	1
3d qtr.	0	4	0	5	3	13	0	4	0	11
4th qtr.	0	0	0	6	0	5	0	6	1	4
1998 total	0	8	0	28	5	25	4	18	1	18
Quarter	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1993	0	6	8	36	1	5	0	14	4	5
1994	0	2	1	18	1	6	1	5	3	7
1995	0	4	3	15	0	13	3	9	2	8
1996	0	1	11	41	0	26	1	6	2	11
1997	1	7	0	6	1	7	0	12	4	9
1998:										
1st qtr.	0	0	1	3	0	5	0	0	0	0
2d qtr.	0	2	1	3	0	1	0	0	0	1
3d qtr.	1	3	3	10	1	4	0	4	0	2
4th qtr.	0	0	0	4	0	5	0	6	0	0
1998 total	1	5	5	20	1	15	0	10	0	3
Quarter	Rogue River		Siskiyou		Siuslaw		Umatilla		Umpqua	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1993	12	13	0	11	2	12	4	5	3	17
1994	9	9	0	10	0	0	0	6	1	16
1995	6	9	0	11	0	2	1	23	3	31
1996	18	29	0	29	0	53	0	14	18	37
1997	4	9	0	9	1	12	4	7	0	26
1998:										
1st qtr.	0	0	0	1	0	2	1	2	0	1
2d qtr.	0	3	0	1	0	2	6	9	0	5
3d qtr.	0	3	0	6	0	0	1	3	0	8
4th qtr.	1	4	0	0	0	2	0	2	0	7
1998 total	1	10	0	8	0	6	8	16	0	21
Quarter	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1993	0	11	1	17	17	29	6	14	71	274
1994	0	4	0	12	13	26	0	8	42	233
1995	0	6	6	15	4	27	0	15	39	275
1996	0	31	1	24	23	63	6	26	96	551
1997	1	20	0	13	16	37	1	14	50	289
1998:										
1st qtr.	0	4	0	2	1	4	0	4	5	46
2d qtr.	0	4	0	5	1	8	0	0	12	65
3d qtr.	0	17	1	4	4	9	0	5	14	115
4th qtr.	0	4	0	2	0	19	0	8	2	84
1998 total	0	29	1	13	6	40	0	17	33	310

Source: Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington and a small portion of northern California.



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