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Production, Prices, Employment and Trade in Northwest Forest industries, Fourth Quarter 1997

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ABSTRACT

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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

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

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
Lumber and Plywood Production and Prices		
1	U.S. softwood lumber and structural panel board production, 1986-97	Quarterly
2	Lumber production in Northwest States, 1987-97	Annually, second quarter
3	Softwood lumber production in the inland region, by species, 1987-97	Annually, second quarter
4	Lumber production in the coast region, by species, 1987-97	Annually, second quarter
5	Softwood structural panel board production in the United States, by State, 1987-97	Annually, fourth quarter
6	Softwood lumber and plywood production in British Columbia, 1987-97	Annually, second quarter
7	Wholesale prices of selected lumber products, 1986-97	Quarterly
8	Wholesale prices of selected softwood plywood products, 1986-97	Quarterly
9	Percentage of total volume and f.o.b. mill prices for Douglas-fir lumber, coast mills, 1986-97	Quarterly
10	Percentage of total volume for ponderosa pine lumber, inland mills, 1986-97	Quarterly
11	F.O.B. mill prices for ponderosa pine lumber, inland mills, 1986-97	Quarterly
12	Percentage of total volume and f.o.b. mill prices for hem-fir lumber, inland mills, 1986-97	Quarterly
13	Percentage of total volume and f.o.b. mill prices for hem-fir lumber, coast mills, 1986-97	Quarterly
14	Weighted average f.o.b. mill prices for coast and inland lumber, 1986-97	Quarterly
15	Average prices for domestic and exported alder, western region, 1986-97	Quarterly
limber Harvest		
16	Washington and Oregon timber harvest by ownership, 1987-97	Annually, third quarter

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
17	British Columbia timber harvest, 1987-97	Annually, third quarter
18	Montana and Idaho timber harvest by ownership, 1987-97	Annually, third quarter
19	Alaska timber harvest by ownership, 1987-97	Annually, third quarter
20	California timber harvest by ownership, 1987-97	Annually, third quarter
Employment in Forest Products Industries		
21	Employment in forest products industries in Washington and Oregon, 1986-97	Quarterly
22	Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-97	Quarterly
23	Employment in forest products industries in California and Alaska, 1986-97	Quarterly
24	Employment in forest products industries in Montana and Idaho, 1986-97	Quarterly
Log, Pulpwood, and Chip Exports and Imports		
25	Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97	Quarterly
26	Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97	Quarterly
27	Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97	Quarterly
28	Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1986-97	Quarterly
29	Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1986-97	Quarterly
30	Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1997	Annually, fourth quarter

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
31	Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1997	Quarterly
32	Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1997	Annually, fourth quarter
33	Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1997	Quarterly
34	Volume and average value of log exports by port, species, and destination, San Francisco Customs District, 1997	Annually, fourth quarter
35	Volume and average value of log exports by port, species, and destination, San Francisco Customs District, fourth quarter 1997	Quarterly
36	Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1997	Annually, fourth quarter
37	Volume and average value of log exports by port, species, and destination, Anchorage Customs District, fourth quarter 1997	Quarterly
38	Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97	Quarterly
39	Volume and average value of alder log exports from the Seattle Customs District, 1990-97	Quarterly
40	Volume and average value of log exports from southern California ports by species, 1986-97	Quarterly
41	Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1986-97	Quarterly
42	Volume of log exports from British Columbia ports by species and destination, 1987-97	Annually, fourth quarter
43	Average value of log exports from British Columbia ports by species and destination, 1987-97	Annually, fourth quarter
44	Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1986-97	Quarterly

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
45	Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1986-97	Quarterly
46	Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97	Quarterly
47	Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97	Quarterly
48	Volume and average value of all chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1986-97	Quarterly
49	Volume and average value of softwood chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1989-97	Quarterly
Lumber, Plywood, and Veneer Exports		
50	Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination. 1986-97	Quarterly
51	Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97	Quarterly
52	Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97	Quarterly
53	Volume and average value of softwood lumber exports from southern California ports by species and destination, 1986-97	Quarterly
54	Volume and average value of softwood lumber exports from northern California ports by species and destination, 1986-97	Quarterly
55	Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1986-97	Quarterly
56	Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1997	Annually, fourth quarter

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
57	Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1997	Quarterly
58	Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1997	Annually, fourth quarter
59	Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1997	Quarterly
60	Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1997	Annually, fourth quarter
61	Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, fourth quarter 1997	Quarterly
62	Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, 1997	Annually, fourth quarter
63	Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, fourth quarter 1997	Quarterly
64	Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1986-97	Quarterly
65	Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97	Quarterly
66	Volume of lumber exports from British Columbia ports by species and destination, 1987-97	Annually, fourth quarter
67	Average value of lumber exports from British Columbia ports by species and destination, 1987-97	Annually, fourth quarter
68	Volume of all species of softwood lumber imports into the Seattle Customs District, 1989-97	Quarterly
69	Average value of all species of softwood lumber imports into the Seattle Customs District, 1989-97	Quarterly
70	Volume of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-97	Quarterly

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
71	Average value of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-97	Quarterly
72	Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1986-97	Quarterly
73	Volume and average value of plywood exports from California, 1986-97	Quarterly
74	Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1986-97	Quarterly
	Timber Cut and Sold by Public Agencies	
75	Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1992-97	Quarterly
76	Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1992-97	Quarterly
77	Volume of sawtimber sold on National Forests by selected species, Northem Region, 1990-97	Quarterly
78	Average stumpage prices for Sawtimber sold on National Forests by selected species, Northern Region, 1986-97	Quarterly
79	Volume and average value of timber harvested on the National Forests of the Northern Region, 1997	Quarterly
80	Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-97	Quarterly
81	Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-97	Quarterly
82	Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1997	Quarterly
83	Volume of timber sold on publicly owned or managed lands in California, 1992-97	Quarterly
84	Average stumpage prices of timber sold on publicly owned or managed lands in California, 1992-97	Quarterly
85	Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-97	Quarterly

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
86	Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1986-97	Quarterly
a7	Volume and average value of timber hatvested on the National Forests of the Pacific Southwest Region, 1997	Quarterly
88	Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1995-97	Quarterly
89	Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1993-97	Quarterly
90	Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1993-97	Quartedy
91	Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1986-97	Quarterly
92	Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1986-97	Quarterly
93	Volume and average value of timber hatvested on the National Forests of the Pacific Northwest Region, 1997	Quarterly
94	Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1997	Quarterly
95	Volume of timber sold on publicly owned or managed lands in Alaska, 1992-97	Quarterly
96	Average stumpage prices of timber **sold** on publicly owned or managed lands in Alaska, 1992-97	Quarterly
97	Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1986-97	Quarterly
98	Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1986-97	Quarterly
99	Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1986-97	Quarterly

Tables Included in This Series of Reports (continued)

TABLE NUMBER	TABLE TITLE	FREQUENCY OF UPDATE
100	Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1986-97	Quarterly

Uncut Volume Under Contract

101	Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1988-98	Annually, second quarter
102	Sale quantity and unyarded volume under contract on Bureau of Land Management lands in Western Oregon, 1988-98	Annually, second quarter
103	Allowable annual cut and uncut volume under contract on Oregon State lands, 1988-98	Annually, third quarter
104	Sustainable harvest and uncut volume under contract on Washington State lands, 1988-98	Annually, second quarter

Small Business Set-Aside Sales

105	Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1992-97	Quarterly
106	Volume and average value of timber sold on set-aside sales on the National Forests, Pacific Northwest Region, 1992-97	Quarterly

Figures Included in This Series of Reports and Frequency of Updates

PAGE NUMBER	FIGURE TITLE	FREQUENCY OF UPDATE
19	Figure 1--Weighted average f.o.b. mill prices for coast and inland lumber, 1987-97	Annually, fourth quarter
26	Figure 2--Employment in forest products industry, Washington and Oregon, 1987-97	Annually, fourth quarter
32	Figure 3--Log exports from Seattle and Columbia-Snake Customs Districts, 1987-97	Annually, fourth quarter
38	Figure 4--Log exports from San Francisco and Anchorage Customs Districts, 1987-97	Annually, fourth quarter
66	Figure 5--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1987-97	Annually, fourth quarter
73	Figure 6--Lumber exports from San Francisco and Anchorage Customs Districts, 1987-97	Annually, fourth quarter
114	Figure 7--Average stumpage price for sawtimber sold on National Forests, Pacific Northwest Region	Annually, fourth quarter
124	Figure 8--Average value of all timber products sold from Forest Service Regions of the Western United States	Annually, fourth quarter

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 1997, and the total U.S. figure was 34.7 billion board feet (table 1). Total softwood lumber production in the fourth quarter of 1997 was 8.1 billion board feet, and 47.8 percent of that was produced in the West.

- *Wholesale lumber prices*

Average wholesale prices increased in 1997 for some of the selected lumber products (table 7). Fourth quarter 1997 prices averaged a 9.4-percent decrease from the third quarter of 1997, across all five selected lumber products.

Plywood Production and Prices

- *Plywood production in 1997*

United States softwood structural panel board production in 1997, at 27,151 million square feet (3/8-inch basis), decreased 2.3 percent from 1996. Production in the fourth quarter of 1997 was 6.6 million board feet, down from the third quarter of 1997 (table 1).

Wholesale prices of selected plywood products increased slightly from 1996 to 1997. Fourth quarter 1997 prices averaged a 1.6-percent decrease (table 8) from the third quarter 1997 prices.

Employment in Forest Products Industries

- *Employment numbers for 1997*

The number of persons employed in the lumber and wood products industries increased slightly in 1997 in Oregon (table 21). Fourth quarter 1997 Oregon and Washington employment numbers were down slightly from third quarter 1997.

In Oregon and Washington, there were 13.5 direct jobs per million board feet of timber harvested in 1997 (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 1,042.2 million board feet in 1997, as compared to 1,502.9 million board feet in 1996. In the fourth quarter of 1997, Washington Customs District exported 124.0 million board feet of logs to all countries, and Oregon Customs District exported 88.7 (table 25).

- ***Log export prices for Washington and Oregon***

Softwood log exports from Washington and Oregon ports averaged $852.19 (per thousand board feet) in 1997, down from the 1996 average of $926.59. The fourth quarter 1997 values for both states averaged $695.93 (table 27), down from $817.01 in the third quarter of 1997.

- ***Log exports from California and Alaska***

San Francisco Customs District exported 32.2 percent less logs in 1997 than in 1996 (table 28). The Anchorage Customs District exported
2.2 percent more logs in 1997 than in 1996 (table 29).

- ***Pulp volumes in the Pacific Northwest***

The Seattle, Anchorage, and San Francisco Customs Districts showed decreases in pulp export volumes from 1996 to 1997 (table 46).

- ***Average value of pulp exports***

Three customs districts showed an increase in the average value for dissolving grade of pulp exports from 1996 to 1997 (table 47).

- ***Chipexports***

Seattle, Columbia-Snake, and San Francisco Customs Districts reflected an increase in the volume of chips exported in 1997. Average values of chips continue to decrease in all four customs districts (table 48).

Lumber, Plywood, and Veneer Exports

- ***Lumber export volumes from the Northwest***

The lumber export figures showed a decrease for both Washington and Oregon Customs Districts from 1996 to 1997 (table 50). The Columbia-Snake Customs District had a decrease of 25.0 percent from 1996, and 5.2 percent for the Seattle Customs District. Southern California lumber exports increased, and northern California stayed nearly the same (tables 53 and 54). Alaska increased lumber export volumes by 22.0 percent from 1996 to 1997 (table 55).

- ***Average value of lumber exports***

In the Seattle and Columbia-Snake Customs Districts, the average value of lumber exports decreased from $732.63 (per thousand board feet) in 1996 to $700.01 in 1997 (table 52). Northern California (table 54) lumber export prices increased from $712.19 in 1996 to $880.67 in 1997.

- *Lumber imports increase in Oregon*

The Seattle Customs District imported nearly 3.4 billion board feet of lumber in 1997, mostly from Canada (table 68). The Columbia-Snake Customs District imported nearly 64.5 million board feet in 1997, compared with 43.4 million in 1996 (table 70).

- *Softwood plywood exports*

The 1997 softwood plywood exports decreased from the Seattle Customs District. The average values increased in 1997 (table 72).

- *Softwood veneer exports*

Compared with 1996, softwood veneer export volumes were up 80.6 percent in Washington in 1997 (table 74). Veneer export values showed a decrease for softwood veneer exports in Washington in 1997.

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 36.5 percent from 1996 to 1997 (table 75).

- *Sold volume in northern California*

In 1997, the volume of timber sold on USDA Forest Service lands in northern California increased 12.3 percent from the 1996 total (table 83).

- *Sold volume in Washington and Oregon*

Oregon and Washington showed an decrease of 45.3 percent in the amount of timber sold on USDA Forest Service lands from 1996 to 1997 (table 89).

- *Sold volume in Alaska*

In 1997, the volume of timber sold on National Forest lands in Alaska increased 128.7 percent from 1996 (table 95). Average values dropped significantly from 1996 (table 96).

TABLES AND FIGURES

Table 1--U.S. softwood lumber and structural panel board production, 1986-97

Year	U.S. softwood lumber production				U.S. softwood structural panel board production
	Total softwood lumber	Western region'	Southern pine region	Other softwoods	
	Million board feet				Million feet, 3/8-inch basis
1986	35,273	21,915	11,678	1,680	25,911
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:					
January	2,880	1,442	1,281	157	2,098
February	2,737	1,375	1,213	149	2,116
March	3,011	1,470	1,377	164	2,282
Total, 1st quarter	8,628	4,287	3,871	470	6,496
April	3,194	1,511	1,509	174	2,328
May	2,902	1,450	1,294	158	2,443
June	3,027	1,446	1,416	165	2,315
Total, 2d quarter	9,123	4,407	4,219	497	7,086
July	3,097	1,446	1,483	168	2,347
August	2,889	1,402	1,330	157	2,297
September	2,905	1,418	1,329	158	2,346
Total, 3d quarter	8,891	4,266	4,142	483	6,990
October	3,094	1,455	1,471	168	2,417
November	2,536	1,210	1,188	138	2,106
December	2,448	1,193	1,122	133	2,056
Total, 4th quarter	8,078	3,858	3,781	439	6,579
1997 total	34,720	16,818	16,013	1,889	27,151

[a] 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, 1987-97

(In million board feet)

Year	Washington	Oregon	California[a]	Montana	Idaho
1987	4,645	8,846	5,408	1,640	2,016
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[b]	3,851	5,589	3,432	1,234	1,859

[a] Includes 1 mill in Nevada.

[b] 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, 1987-97[a]

(In million board feet)

Year	All softwoods	Ponderosa pine	Idaho white pine	Sugar pine	Douglas-fir and larch	Hem-fir[b]	Engelmann spruce	Lodgepole pine	Other softwoods
1987	11,407	3,816	110	321	2,683	2,353	425	932	767
1988	11,395	3,870	104	321	2,731	2,392	653	720	604
1989	11,348	3,767	07	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

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

[b] Western hemlock and white fir.

Source: Western Wood Products Association, Portland, Oregon.

Table 4—Lumber production in the coast region, by species, 1987-97'

(In million board feet)

Year	All species	Douglas-fir	Hem-fir[b]	Western redcedar	Incense-cedar	Pine	Other softwoods	Hardwoods
1987	10,354	7,064	1,908	538	84	357	27	296
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

[a] Includes western Washington and western Oregon.

[b] 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, 1987-97[a]

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

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States[b]	Northern States[c]
1987	27,001.4	8,381.2	1,712.2	102.9	1,528.5	12,854.9	2,421.7
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	0.0	1,419.0	15,883.1	3,659.2
1994	27,124.3	4,293.7	1,151.1	0.0	1,322.7	16,596.0	3,760.9
1995	27,269.6	3,824.0	1,140.2	0.0	1,350.7	17,202.4	3,752.2
1996	28,495.0	3,773.0	1,045.0	0.0	1,262.0	18,747.0	3,668.0
1997[d]	28,497.0	3,471.0	986.0	0.0	1,024.0	18,367.0	3,487.0

[a] Structural panel board includes plywood, waferboard, and oriented strand board (OSB).

[b] Includes Alabama, Arkansas, Florida, Georgia, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Texas, Virginia, and West Virginia.

[c] Includes Maine, Michigan, Minnesota, New Hampshire, New York, and Wisconsin.

[d] Beginning in 1997, APA combined Oklahoma, Colorado, New York, and Tennessee for a total of 1,162.0.

Source: American Plywood Association.

Table 6--Softwood lumber and plywood production in British Columbia, 1987-97

Year	Softwood lumber production			softwood plywood production
	Total	Coast	Interior	
	Million board feet			Million ft², 3/8-inch basis
1987	15,888	4,674	11,214	2,144
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	9,043	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

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

Table 7—Wholesale prices of selected lumber products, 1986-97

(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
1986	214.94	257.48	581.02	207.63	182.26
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:					
January	449.40	578.00	1,080.00	440.80	408.20
February	458.00	637.50	1,080.00	445.00	404.50
March	433.25	686.25	1,080.00	428.50	376.00
Average, 1st quarter	446.88	633.92	1,080.00	438.10	396.23
April	451.75	675.00	1,080.00	451.00	401.50
May	460.00	588.75	1,080.00	451.75	385.00
June	446.25	571.25	1,062.50	430.00	364.00
Average, 2d quarter	452.67	611.67	1,074.17	444.25	383.50
July	427.50	526.25	1,021.25	418.50	355.50
August	395.00	471.00	981.00	384.40	347.80
September	367.00	497.50	956.25	360.75	324.00
Average, 3d quarter	396.50	498.25	986.17	387.88	342.43
October	368.60	450.00	907.00	356.20	301.40
November	390.50	445.00	885.00	373.50	296.75
December	362.60	425.00	887.00	356.60	289.00
Average, 4th quarter	373.90	440.00	893.00	362.10	295.72
1997 average	417.49	545.96	1,008.33	408.08	354.47
	---------- 4th quarter 1997 change,. in percent ----------				
From:					
3d quarter 1997	-5.7	-11.7	-9.5	-6.7	-13.6
4th quarter 1996	-16.8	-11.3	-16.0	-18.9	-27.4

Source: Random Lengths Publications, Inc.

Table $–Wholesale prices of selected softwood plywood products, 1986-97

(In dollars per thousand square feet)

Year	Sheathing, western exterior, 3/8-inch, CD, net f.o.b. mill	Sheathing, southern (west)[a] exterior, 3/8-inch, CD, net f.o.b. mill	Sanded, western interior, 1/4-inch, AD, net f.o.b. mill
1986	157.22	151.31	176.06
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:			
January	231.25	207.00	346.50
February	243.75	211.50	369.50
March	243.50	219.00	375.00
Average, 1st quarter	239.50	212.50	363.67
April	239.25	209.00	375.00
May	241.75	203.50	375.00
June	249.25	207.50	373.25
Average, 2d quarter	243.42	206.83	374.42
July	248.50	207.50	366.25
August	251.00	209.60	358.00
September	244.25	219.25	357.50
Average, 3d quarter	247.92	212.12	360.58
October	231.00	214.40	356.20
November	233.00	228.75	355.00
December	228.00	216.20	355.00
Average, 4th quarter	230.67	219.78	355.40
1997 average	240.38	212.81	363.52
	---------- 4th quarter 1997 change, in percent ---------		
From:			
3d quarter 1997	-7.0	3.6	1.4
4th quarter 1996	1.4	6.2	.2

[a] 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, 1986-97[a]

(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	
1986	2.1	726	2.3	405	15.6	240	24.0	229	43.7	191	8.6	132	3.6	67	3,584,260
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:															
1st quarter	0	--	.4	721	9.6	556	22.2	528	60.5	414	3.4	272	3.9	150	600,845
2d quarter	0	--	.4	720	9.4	541	22.7	537	60.3	417	3.3	287	4.0	170	636,042
3d quarter	0	--	.4	741	8.7	534	22.2	494	61.2	391	3.4	279	4.2	175	597,980
4th quarter	0	--	.5	669	8.6	476	26.3	432	57.3	356	3.4	256	3.9	160	510,199
1997 average	0	--	.4	711	9.1	530	23.2	499	59.9	397	3.4	274	4.0	164	2,345,066

[a] 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, 1986-97[a]

(In thousand board feet)

	4/4 selects and 1 shop					5/4 and thicker moulding and shops					4/4 commons and 8/4 std. & btr.				Low value		
Year	C and btr. 6-12 in.	D 12 in.	C and btr. 4 in. D 6-10 in.	D 4 in.	1 shop	Mldg. and btr.	1 shop	2 shop	3 shop	Shopout	2 com. 12 in.	2 com. 4-10 in.	3 com. 6-12 in. 8/4 dim.	3 com. 4 in. 4 com. 4-12 in.	No. 3 and util.	5 com. and econ.	Total volume, all grades
1986	1.0	.3	.6	.8	2.8	4.9	3.3	17.9	16.6	4.5	4.3	6.7	27.6	6.1	1.4	1.3	2,164,591
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:																	
1st quarter	.1	0.0	.1	.4	1.3	2.8	1.0	8.3	20.2	18.4	3.1	12.4	22.8	6.7	.9	1.2	382,935
2d quarter	.2	.1	.2	.4	1.6	2.6	1.0	8.3	20.2	16.3	3.8	14.9	22.1	6.3	1.0	1.0	344,509
3d quarter	.2	.1	.2	.5	1.6	2.1	1.0	7.5	18.6	14.3	5.2	16.5	23.6	6.4	1.0	1.2	263,974
4th quarter	.2	0.0	.2	.3	1.5	2.1	1.0	6.8	19.2	14.0	4.1	15.4	25.5	7.4	1.0	1.3	313,204
1997 average	.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

[a] 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, 1986-97

(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.	C and 4 in. D 6-10 in.	D 4 in.	1 shop	Mldg. and btr.	1 shop	2 shop	3 shop	Shopout	2 com. 12 in.	2 com. 4-10 in.	3 com. 6-12 in. 8/4 dim.	3 com. 4in. 4 com. 4-12 in.	No.3 and util.	5 com. and econ.
1986	1,509	1,169	1,021	654	636	1,093	688	576	404	207	430	325	227	163	130	79
1987	1,563	1,336	1,088	703	442	1,306	762	644	413	224	447	367	247	175	131	79
1988	1,892	1,510	1,076	689	452	1,282	746	625	411	229	505	363	246	174	137	87
1989	1,805	1,523	1,016	740	438	1,265	730	589	434	258	532	331	261	189	155	105
1990	1,478	1,453	996	683	435	1,051	677	542	414	247	534	356	248	187	145	99
1991	1,335	1,259	911	654	425	1,090	795	655	517	259	523	372	272	184	147	99
1992	1,749	1,484	1,195	856	622	1,371	970	845	631	335	686	423	337	226	196	133
1993	2,198	1,910	1,510	1,019	700	1,957	1,189	1,059	741	447	706	498	381	289	250	174
1994	2,347	2,343	1,316	880	800	1,753	1,145	1,017	701	448	803	569	413	302	254	157
1995	1,887	1,982	1,095	737	550	1,491	1,089	972	661	410	695	507	367	251	215	158
1996	1,569	1,251	1,071	802	585	1,381	1,005	899	692	427	683	544	361	250	224	141
1997:																
1st quarter	1,813	1,387	1,261	844	648	1,625	1,181	1,065	851	496	909	645	427	294	245	153
2d quarter	2,101	1,568	1,410	931	724	1,658	1,163	1,069	854	526	892	583	476	315	259	171
3d quarter	2,366	1,678	1,452	939	748	1,632	1,130	1,004	707	408	758	583	449	326	260	190
4th quarter	2,195	1,599	1,324	933	565	1,667	1,053	919	602	403'	750	596	363	283	229	171
1997 average	2,123	1,571	1,366	906	672	1,659	1,141	1,024	766	482	825	602	427	302	248	169

Source: Data are compiled by Western Wood Produds 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, 1986-97[a]

(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, allgrades
	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1986	1.9	605	4.8	308	.8	240	28.1	242	48.5	198	10.3	132	5.6	72	1,382,074
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:															
1st quarter	.7	1,005	4.0	705	3.0	513	27.2	499	52.0	418	7.8	279	5.3	167	333,180
2d quarter	.9	944	4.1	703	3.4	522	31.0	519	50.0	413	6.6	278	4.0	172	299,507
3d quarter	.8	921	3.6	598	3.9	496	31.4	508	48.4	390	6.9	265	5.0	191	242,058
4th ouarter	.8	948	2.6	483	3.2	421	31.1	399	49.2	358	8.4	230	4.6	171	302,203
1997 average	.8	955	3.6	641	3.4	489	30.0	479	50.1	396	7.5	262	4.7	174	1,176,948

[a] Figures are a volume-weighted average of green and dry surfaced and rough grades.

Source: Data are compiled by Western Wood Produds 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, 1986-97[a]

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

Year	C selects		D selects and shop		Structural items		Heavy framing		Ught framing		Utility		Economy		Total volume, all grades
	Percent	price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1986	.4	606	2.5	343	3.1	242	16.2	248	64.0	197	8.4	129	5.4	75	1,000,702
1987	.3	601	2.3	414	2.9	273	14.8	286	64.9	215	9.3	131	5.3	36	1,011,504
1988	.3	633	2.2	461	3.2	273	14.2	289	66.4	221	a2	137	5.5	a9	946,868
1989	.3	710	2.0	466	4.2	274	16.9	298	63.6	234	7.4	155	5.8	105	903,323
1990	.2	820	1.5	500	5.5	270	16.4	283	62.8	224	7.5	150	6.1	97	784,600
1991	.2	800	1.6	463	4.8	283	16.3	277	62.3	230	8.7	147	6.2	96	696,775
1992	.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	61.0	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:															
1st quarter	0	--	.4	590	3.2	473	20.1	485	622	396	6.8	276	7.3	166	327,566
2d quarter	0	--	.4	575	2 3	475	19.5	515	62.0	393	8.6	279	6.5	181	360,093
3d quarter	0	--	.3	566	2.4	444	20.1	483	62.3	372	7.4	265	7.3	184	369,071
4th quarter	0	--	.3	497	2.0	398	20.3	393	61.0	336	8.8	234	7.6	171	339,151
1997 average	0	--	.4	560	2.5	451	20.0	469	62.1	375	7.9	263	7.2	176	1,395,881

[a] 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, 1986-97

(In dollars per thousand board feet)

Year	Coast			Inland		
	Douglas-fir	Hem-fir	Weighted average	Ponderosa pine	Hem-fir	Weighted average
1986	214	200	211	419	198	333
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:						
1st quarter	360	316	346	520	328	435
2d quarter	404	350	387	535	388	475
3d quarter	454	394	433	566	428	506
4th quarter	427	375	410	649	433	553
1996 average	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

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, 1987-97

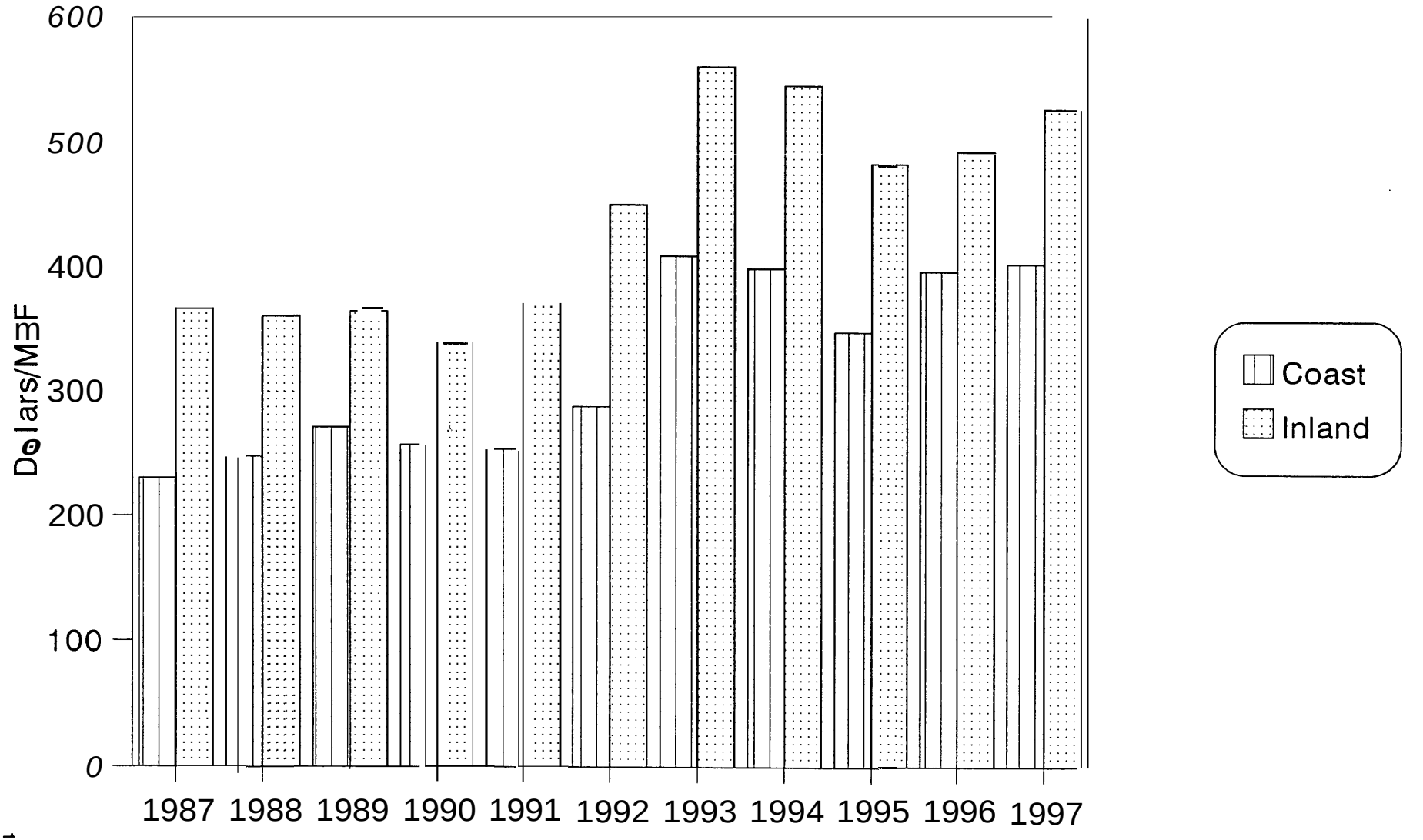

Table 15--Average prices for domestic and exported alder, western region, 1986-97

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

Year and quarter	Domestic alder		Exported alder	
	1 b 4 green pallet stock	4/4 select and better	Logs	Lumber
1986	190.50	748.00	NA	NA
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:				
1st quarter	260.00	1,210.00	426.39	1,228.53
2d quarter	208.08	1,244.62	512.03	1,127.44
3d quarter	185.00	1,310.00	643.15	1,112.24
4th quarter	NA	NA	539.55	1,062.44
1996 average	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

NA = not available.

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

Table 16--Washington and Oregon timber harvest by ownership, 1987-97

(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:							
1987	4,367	970	1,423	5	238	35	7,037
1988	4,406	826	1,486	0	271	56	7,045
1989	4,520	042	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	R182	a	270	40	R4,366
1997[b]	3,139	645	166	a	226	44	4,221
Oregon:							
1987	3,281	199	3,451	1,115	117	52	8,215
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	R3,133	176	523	136	79	35	R4,081

R = revised.

[a] Less than **1** million board feet.

[b] Preliminary.

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

Table 17—British Columbia timber harvest, 1987-97

(In thousand cubic meters)

Year	Coast[a]	Interior[b]	Total
1987	33,791	56,800	90,591
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

[a] Comprises the Vancouver Forest District and half of Prince Rupert Forest District.

[b] 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, 1987-97

(In million board feet, Scribner scale)

State and year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest	Total
Montana:						
1987	687.4	55.6	24.0	6.6	638.3	1,411.9
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
Idaho:						
1987	722.2	176.7	18.9	18.9	788.4	1,725.0
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

Source: Respective agencies.

Table 19—Alaska timber harvest by ownership, 1987-97

(In thousand board feet, Scribner scale)

Year	State	Private	Bureau of Indian Affairs	Bureau of Land Management			National Forest			Total
				Free use	Cut	Total	Tongass	Chugach	Total	
1987	25,800	452,100	0	185	0	185	339,200	13,031	352,231	830,316
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	R552,000	0	632	391	1,023	249,378	2,477	251,855	R825,678
1995	18,628	R597,000	583	50	246	296	197,487	2,239	199,726	R815,650
1996	15,489	R627,000	300	1,959	126	2,085	94,748	3,182	97,930	R742,804
1997	14,296	597,800	0	501	5	506	122,107	2,527	124,634	737,236

R = revised.

Source: Respective agencies.

Table 20--California timber harvest by ownership, 1987-97

(in million board feet, Scribner scale)

Year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest"	Total
1987	2,582	42	41	15	1,969	4,649
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	[b]24	11	1,336	3,474
1992	2,124	23	[b]32	9	1,026	3,214
1993	2,263	34	[b]13	8	739	3,057
1994	1,980	17	[b]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	NA	NA	5	548	NA

NA = not available.

[a] Includes sawtimber, poles, posts, fuelwood, cull logs, and other miscellaneous convertible products.

Fiscal-year basis.

Source: Respective agencies.

Table 21--Employment in forest products industries in Washington and Oregon, 1986-97

(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
1986	**126.0**	**100.6**	**25.4**	**53.1**	**36.7**	**16.4**	**72.9**	**63.9**	**9.0**
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:									
January	**110.1**	**85.4**	**24.7**	**51.2**	**34.7**	**16.5**	**58.9**	**50.7**	**8.2**
February	**110.6**	**86.0**	**24.6**	**51.3**	**34.9**	**16.4**	**59.3**	**51.1**	**8.2**
March	**110.1**	**85.4**	**24.7**	**51.1**	**34.7**	**16.4**	**59.0**	**50.7**	**8.3**
Average, 1st quarter	**110.3**	**85.6**	**24.7**	**51.2**	**34.8**	**16.4**	**59.1**	**50.8**	**8.2**
April	**110.0**	**85.6**	**24.4**	**50.5**	**34.5**	**16.0**	**59.5**	**51.1**	**8.4**
May	**111.6**	**87.1**	**24.5**	**51.2**	**35.2**	**16.0**	**60.4**	**51.9**	**8.5**
June	**113.7**	**88.9**	**24.8**	**52.2**	**36.0**	**16.2**	**61.5**	**52.9**	**8.6**
Average, 2d quarter	**111.8**	**87.2**	**24.6**	**51.3**	**35.2**	**16.1**	**60.5**	**52.0**	**8.5**
July	**114.9**	**89.6**	**25.3**	**52.7**	**36.1**	**16.6**	**62.2**	**53.5**	**8.7**
August	**114.8**	**89.6**	**25.2**	**52.8**	**36.3**	**16.5**	**62.0**	**53.3**	**8.7**
September	**112.9**	**88.4**	**24.5**	**52.7**	**36.3**	**16.4**	**60.2**	**52.1**	**8.1**
Average, 3d quarter	**114.2**	**89.2**	**25.0**	**52.7**	**36.2**	**16.5**	**61.5**	**53.0**	**8.5**
October	**113.1**	**88.5**	**24.6**	**52.0**	**35.9**	**16.1**	**61.1**	**52.6**	**8.5**
November	**111.5**	**86.9**	**24.6**	**51.3**	**35.3**	**16.0**	**60.2**	**51.6**	**8.6**
December	**110.1**	**85.9**	**24.2**	**51.3**	**35.2**	**16.1**	**58.8**	**50.7**	**8.1**
Average, 4th quarter	**111.6**	**87.1**	**24.5**	**51.5,**	**35.5**	**16.1**	**60.0**	**51.6**	**8.4**
1997 average	**112.0**	**87.3**	**24.7**	**51.7**	**35.4**	**16.3**	**60.3**	**51.9**	**8.4**
	4th quarter **1997** change in employment								
From:									
3d qtr. **1997**	**-2.6**	**-2.1**	**-.5**	**-1.2**	**-.7**	**-.4**	**-1.5**	**-1.4**	**-.1**
4th qtr. **1996**	**-.8**	**-.2**	**-.6**	**-1.6**	**-.9**	**-.6**	**.7**	**.7**	**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. 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 residence.

Figure 2--Employment in forest products industry, Washington and Oregon, 1987-97

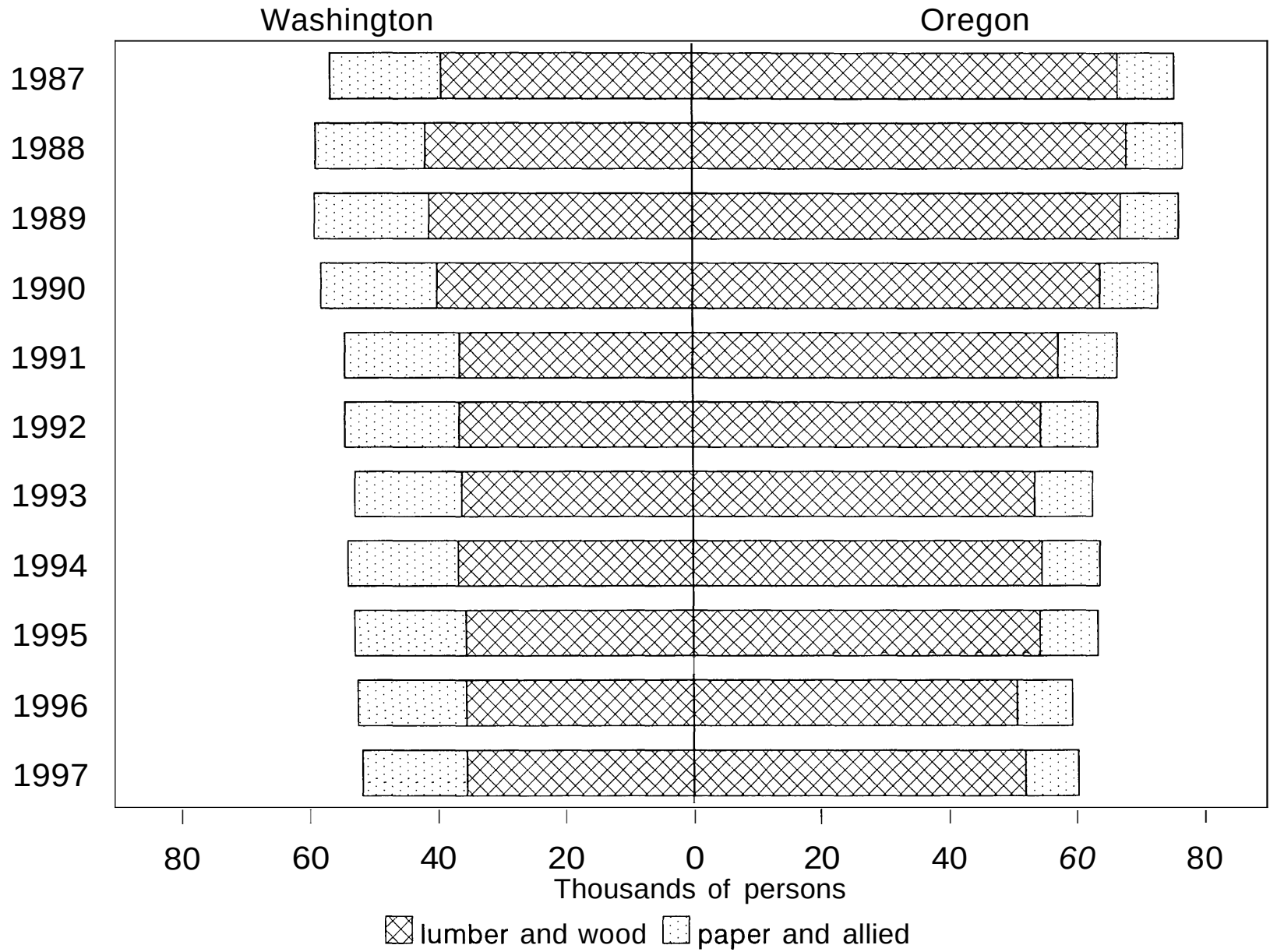

Table 22—Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-97

(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:						
January	**3,891.7**	**110.1**	**2,414.1**	**51.2**	**1,477.6**	**58.9**
February	**3,922.2**	**110.6**	**2,434.0**	**51.3**	**1,488.2**	**59.3**
March	**3,955.7**	**110.1**	**2,459.4**	**51.1**	**1,496.3**	**59.0**
Average, 1st quarter	**3,923.2**	**110.3**	**2,435.8**	**51.2**	**1,487.4**	**59.1**
April	**3,996.0**	**110.0**	**2,486.1**	**50.5**	**1,509.9**	**59.5**
May	**4,042.3**	**111.6**	**2,518.8**	**51.2**	**1,523.5**	**60.4**
June	**4,087.4**	**113.7**	**2,548.3**	**52.2**	**1,539.1**	**61.5**
Average, 2d quarter	**R4,041.9**	**111.8**	**2,517.7**	**51.3**	**1,524.2**	**60.5**
July	**4,049.1**	**114.9**	**2,524.6**	**52.7**	**1,524.5**	**62.2**
August	**4,056.1**	**114.8**	**2,525.4**	**52.8**	**1,530.7**	**62.0**
September	**4,065.5**	**112.9**	**2,552.7**	**52.7**	**1,512.8**	**60.2.**
Average, 3d quarter	**4,056.9**	**114.2**	**2,534.2**	**52.7**	**1,522.7**	**61.5**
October	**4,113.9**	**113.1**	**2,556.3**	**52.0**	**1,557.6**	**61.1**
November	**4,122.9**	**111.5**	**2,565.7**	**51.3**	**1,557.2**	**60.2**
December	**4,115.6**	**110.1**	**2,558.2**	**51.3**	**1,557.4**	**58.8**
Average, **4th quarter**	**4,117.5**	**111.6**	**2,560.1**	**51.5**	**1,557.4**	**60.0**
1997 average	**4,034.9**	**112.0**	**2,512.0**	**51.7**	**1,522.9**	**60.3**

R = revised.

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 residence'.

Table 23--Employment in forest products industries in California and Alaska, 1986-97

(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
1986	99.0	59.5	39.6	2.7	1.9	.8
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:						
January	90.4	50.8	39.6	1.4	.9	.5
February	91.1	51.3	39.8	1.7	1.2	.5
March	91.4	51.5	39.9	2.1	1.7	.4
Average, 1st quarter	91.0	51.2	39.8	1.7	1.3	.5
April	92.2	52.5	39.7	2.2	1.9	.3
May	NA	NA	NA	2.3	2.1	.2
June	NA	NA	NA	2.4	2.2	.2
Average, 2d quarter	NA	NA	NA	2.3	2.1	.2
July	NA	NA	NA	2.3	2.2	.1
August	NA	NA	NA	2.3	2.2	.1
September	NA	NA	NA	2.3	2.2	.1
Average, 3d quarter	NA	NA	NA	2.3	2.2	.1
October	NA	NA	NA	2.2	2.1	.1
November	NA	NA	NA	2.1	2.0	.1
December	NA	NA	NA	1.4	1.4	0.0
Average, 4th quarter	NA	NA	NA	1.9	1.8	.1
1997 average	NA	NA	NA	2.1	1.9	.2
	4th quarter 1997 change in employment					
From:						
3d quarter 1997	NA	NA	NA	-.4	-.4	0.0
4th quarter 1996	NA	NA	NA	-.4	0.0	-.4

NA = not available.

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, 1986-97

(In thousands of persons)

Year	Montana		Idaho		
	Lumber and wood products	Paper and allied products	Total	Lumber and wood products	Paper and allied products
1986	8.1	a	15.0	13.1	1.8
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:					
January	6.9	a	16.2	14.1	2.1
February	6.9	a	15.7	13.6	2.1
March	6.8	a	15.1	13.0	2.1
Average, 1st quarter	6.9	a	15.7	13.6	2.1
April	6.7	a	15.1	13.0	2.1
May	6.9	a	15.4	13.3	2.1
June	7.2	a	15.6	13.2	2.1
Average, 2d quarter	6.9	a	15.3	13.2	2.1
July	7.4	a	15.8	13.6	2.2
August	7.4	a	16.0	13.7	2.3
September	7.4	a	15.7	13.5	2.2
Average, 3d quarter	7.4	a	15.8	13.6	2.2
October	7.4	a	15.5	13.4	2.1
November	7.2	a	16.4	14.2	2.2
December	7.2	a	16.3	14.1	2.2
Average, 4th quarter	7.3	a	16.1	13.9	2.2
1997 average	7.1	a	15.7	13.6	2.1
	---------- 4th quarter 1997 change in employment ----------				
From:					
3d quarter 1997	-.1	a	.3	.3	0.0
4th quarter 1996	.1	a	-1.2	-1.4	.1

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

[a] Withheld to avoid disclosing figures for individual companies.

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

Table 25—Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97

(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													
1986	2,780.1	1,610.7	1,033.0	124.2	1,738.6	765.7	879.0	94.0	1,041.5	845.0	154.1	12.2	30.2
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	1,029.8	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:													
1st qtr.	376.7	279.6	82.2	14.8	223.9	140.8	72.2	10.9	152.8	138.8	10.0	.2	3.7
2d qtr.	394.2	324.7	57.7	11.8	246.4	187.7	50.4	8.3	147.8	137.0	7.3	.4	3.1
3d qtr.	366.6	290.1	63.5	13.0	222.1	151.4	59.6	11.1	144.5	138.7	4.0	.4	1.4
4th qtr.	365.4	296.1	55.3	14.1	224.3	164.0	50.9	9.5	141.1	132.1	4.4	.2	4.3
1996 total	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	21
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
TO JAPAN													
1986	1,768.7	1,216.2	465.0	75.4	945.0	524.2	362.7	58.1	823.7	692.0	102.3	12.1	17.2
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	11.0	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:													
1st qtr.	335.4	272.3	53.4	9.7	184.3	133.8	44.5	6.0	151.1	138.5	8.9	.2	3.5
2d qtr.	361.1	318.1	35.5	7.5	215.7	181.2	30.3	4.2	145.4	136.9	5.2	.3	3.0
3d qtr.	333.9	277.1	47.4	9.3	189.5	138.5	43.5	7.5	144.4	138.6	4.0	4	1.4
4th qtr.	343.3	293.3	39.2	10.8	202.3	161.2	34.8	6.3	141.0	132.1	4.4	.2	4.3
1996 total	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	409.0	20.5	1.5	7.0
TO CANADA													
1986	58.8	2.3	45.6	10.9	53.6	2.3	45.6	5.7	5.2	0	4.5	0	.7
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	.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:													
1st qtr.	21.3	2.3	18.3	8	21.3	2.3	18.3	.8	0	0	0	0	0
2d qtr.	6.6	4.6	1.5	5	6.6	4.6	1.5	.5	0	0	0	0	0
3d qtr.	10.0	7.4	2.4	.2	10.0	7.4	2.4	.2	0	0	0	0	0
4th qtr.	2.1	1.3	4	4	2.1	1.3	4	4	0	0	0	0	0
1996 total	40.0	15.5	22.6	1.9	40.0	15.5	22.6	1.9	0	0	0	0	0
1997:													
1st qtr.	1.7	1.0	.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

Table 25—Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97 (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													
1986	325.6	9.8	297.4	18.4	294.6	8.7	267.9	18.0	31.0	1.1	29.5	0	.3
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	1.8
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:													
1st qtr.	19.4	4.7	10.5	4.2	18.2	4.7	9.4	4.2	1.2	.1	1.0	.1	1
2d qtr.	20.9	1.9	15.8	3 2	18.7	1.8	13.8	3.1	2.2	.1	21	1	0
3d qtr.	18.6	2.5	13.7	2.4	18.6	2.5	13.7	2.4	.1	0	0	0	1
4th qtr.	15.3	1.4	12.6	1.3	15.3	1.4	12.6	1.3	0	0	0	0	*0*
1996 total	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
TO PEOPLE'S REPUBLIC OF CHINA													
1986	608.3	374.4	214.1	19.8	434.7	226.8	198.5	9.4	173.8	147.6	15.6	0	10.5
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	3.0
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:													
1st qtr.	0	0	0	0	*0*	0	0	0	*0*	0	0	0	0
2d qtr.	5.0	0	4.7	.2	5.0	0	4.7	.2	*0*	*0*	*0*	0	*0*
3d qtr.	3.6	3.0	0	.6	3.6	3.0	0	.6	*0*	0	0	0	*0*
4th qtr.	3.3	0	3.0	.3	3.3	*0*	3.0	.3	0	*0*	0	*0*	0
1996 total	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

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, 1987-97

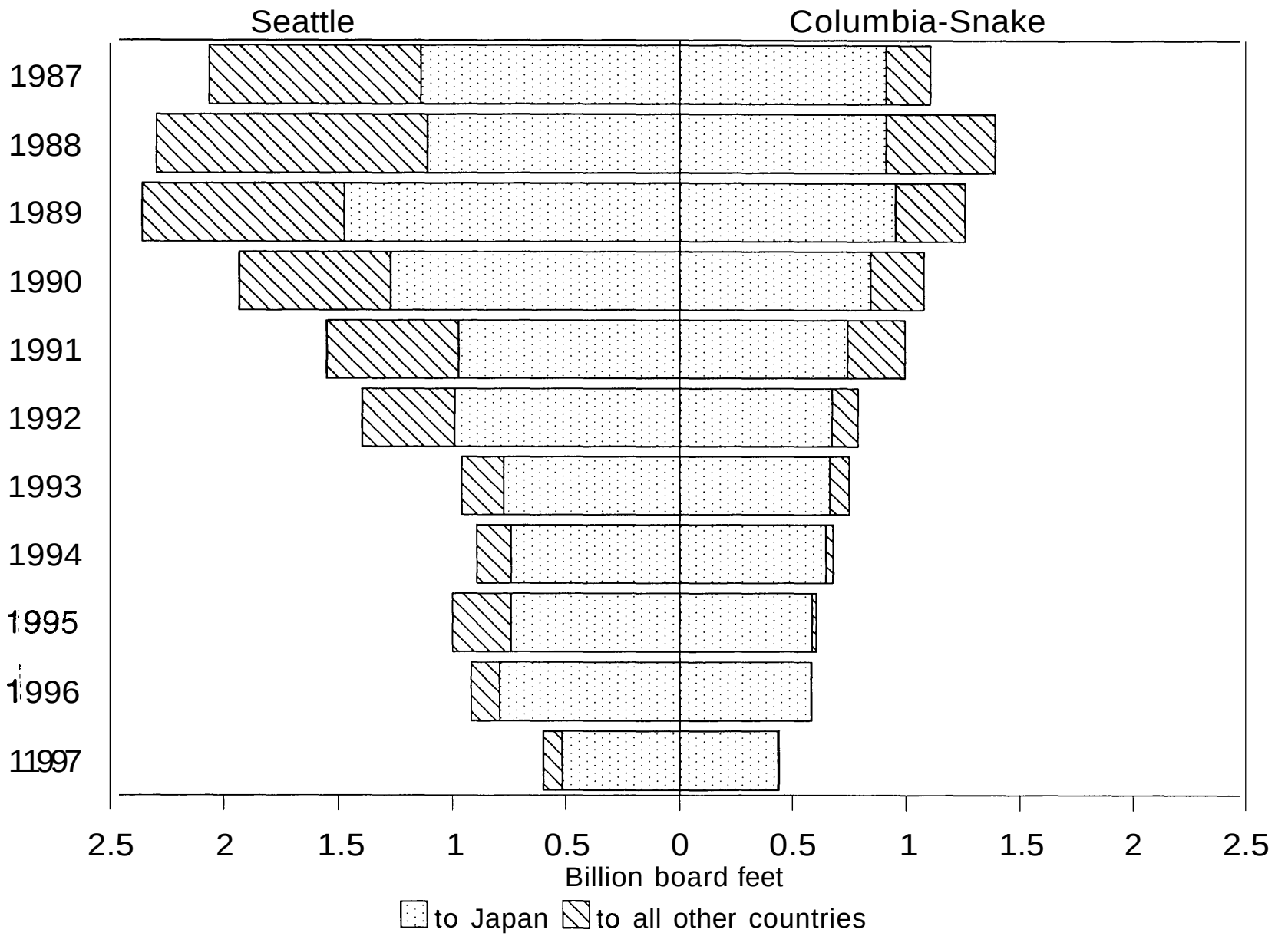

Table 26—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97

(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-Otford-cedar	Other softwoods
TO ALL COUNTRIES													
1986	**829,580**	567,356	297,698	53,444	**552,088**	**256,632**	252,871	42,584	377,493	310,725	44,827	11,082	10,859
1087	1,245,300	751,776	**389,960**	85,402	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**	89,825	693,125	**529,965**	88,070	**35,233**	28,857
1989	1,724,771	1,076,505	493,309	123,111	1,048,195	**567,083**	**384,730**	04,381	678,577	**509,422**	108,570	**31,848**	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	105,107	29,120	31,650
1991	1,445,837	955,276	386,807	103,754	843,231	**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**	497,636	**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	255,883	63,657	855,512	593,612	219,301	42,599	654,408	**596,968**	**36,382**	8,011	12,147
1996:													
1st **qtr.**	357,455	292,541	51,632	13,282	108,412	145,827	43,827	8,758	159,043	146,714	7,805	510	4,005
2d qtr.	334,288	288,553	35,053	10,682	182,222	145,491	30,091	**6,640**	152,066	143,062	4,962	829	3,213
3d qtr.	345,245	298,782	36,991	0,472	102,572	150,967	34.499	**7,106**	152,673	147,815	2,402	1,226	1,140
4th qtr.	355,533	309,622	33,067	12,844	204,189	166,440	30,256	7,484	151,344	143,173	2,811	1,678	3,682
1996 **total**	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**	587
3d qtr.	198,696	157,317	35,278	6,101	108,437	73,108	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
TO JAPAN													
1986	**644,858**	**450,926**	146,356	36,515	326,718	183,095	114,588	29,035	318,140	267,830	31,768	11,059	7,482
1987	018,370	612,328	228,611	50,895	493,610	270,675	180,076	42,860	424,750	341,653	48,535	17,537	17,037
1988	1,075,863	729,888	236,376	76,040	570,023	332,581	184,306	**54,036**	504,940	397,308	52,070	33,559	**22,004**
1989	1,302,348	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	023,577	241,089	71,993	718,343	484,358	191,418	42,567	546,607	439,219	50,571	**27,391**	20,426
1991	1,075,650	808,201	195,914	73,535	589,156	402,535	158,818	27,802	**486,495**	403,666	37,096	21,280	24,444
1992	1,246,402	1,009,233	176,387	60,872	711,014	**538,858**	146,098	26,058	535,478	470,375	30,280	17,771	17,043
1993	1,460,757	1,178,618	225,858	56,281	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	1,383,250	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:													
1st qtr.	**333,209**	288,076	**35,568**	9,565	175,617	141,572	28,608	5,347	157,592	146,504	6,870	417	3,801
2d **qtr.**	316,561	285,114	23,407	7,950	165,901	142,126	19,668	4,107	150,660	142,988	3,829	726	3,117
3d qtr.	328,035	**292,350**	28,590	7,095	175,532	144,508	**26,098**	**4,836**	152,503	147,752	2,402	1,147	1,112
4th qtr.	342,729	**307,864**	23,782	11,083	191,464	164,763	**20,971**	**5,730**	151,285	143,101	2,811	1,678	3,675
1996 **total**	**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
1097:													
1st **qtr.**	277,226	230,269	34,983	11,974	142,006	105,684	28,351	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	07,037	**68,400**	26,932	**2,605**	86,051	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
1997total	820,133	695,639	107,942	25,552	420,246	319,600	94,201	15,445	399,887	376,039	13,741	4,886	5,221
TO CANADA													
1986	12,239	418	10,615	1,207	11,051	418	9,578	1,055	1.189	--	1,037	--	152
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	10,370	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	0,174	1,103	6,863	1,118	0,174	1,193	6,863	1,118	--	--		--	
1992	1,865	811	328	726	1,865	811	328	726	--	--		--	
1093	1,095	97	70	928	1,095	97	70	028	--	--		--	
1994	2,832	246	1,822	763	2,832	246	1,822	763	--	--	--	--	
1905	51,693	2,376	37,180	12,137	51,693	2,376	37,180	12,137	--	--		--	
1996:													
1st qtr.	9,734	813	8,708	213	0,734	813	8,708	213	--	--	--	--	--
2d qtr.	2,920	1,857	870	202	2,929	1,857	870	**202**	--	--	--	--	--
3d qtr.	3,317	2,491	749	77	3,317	2,491	749	77	--	--	--	--	--
4th qtr.	736	395	208	133	736	**305**	208	133	--	--	--	--	--
1996 **total**	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	**302**	67	918	459	302	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	--	-	-		-

Table 26—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97 (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							
1986	90,498	2,909	79,018	8,547	82,152	2,612	71,105	8,432	8,348	296	7,913	23	116
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	157
1996:													
1st qtr.	14,095	3,457	7,356	3,282	12,975	3,422	6,421	3,132	1,120	35	935	103	47
2d qtr.	11,195	1,534	7,608	2,053	9,990	1,477	0,474	2,039	1,205	57	1,134	14	
3d qtr.	11,050	1,673	7,652	1,725	11,043	1,673	7,652	1,718					7
4th qtr.	9,721	1,214	7,217	1,290	9,721	1,214	7,217	1,290					
1996 total	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
						TO PEOPLE'S REPUBLIC OF CHINA							
1986	176,472	110,633	60,184	5,656	128,869	69,348	56,570	2,950	447,604	41,284	3,614	--	2,706
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	52,845	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:													
1st qtr.	--	--	--	--		--		--		--	--	--	--
2d qtr.	3,136		2,979	157	3,136	--	2,979	157		--	--	--	--
3d qtr.	2,470	2,193		277	2,470	2,193		277					
4th qtr.	1,958		1,813	145	1,958	--	1,813	145					
1996 total	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			

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 27—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97

(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-Otford-cedar	Other softwoods
TO ALL COUNTRIES													
1986	334.37	352.24	288.19	430.31	317.55	335.18	330.25	453.02	382.45	387.70	290.90	911.05	359.57
1987	393.14	407.57	338.92	533.33	369.69	380.10	337.39	551.91	436.86	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:													
1st qtr.	949.01	1,046.33	627.84	895.38	886.19	1,035.86	606.92	803.19	1,041.08	1,056.93	778.48	2,227.47	1,083.31
2d qtr.	848.04	888.66	607.40	907.10	739.54	775.29	596.95	797.02	1,028.93	1,043.92	679.54	2,125.64	1,051.72
3d qtr.	941.74	1,029.99	582.13	733.27	866.98	997.02	570.06	638.95	1,056.67	1,066.00	628.34	2,851.16	799.44
4th qtr.	973.00	1,045.78	598.32	913.34	910.23	1,015.23	594.94	786.17	1,072.83	1,083.69	637.27	7,184.76	854.38
1996 avg.	926.59	999.21	605.75	862.64	848.00	945.52	595.03	752.08	1,049.50	1,062.44	702.94	3,306.63	964.06
1997:													
1st qtr.	978.28	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
TO *JAPAN*													
1986	364.59	370.77	314.74	484.28	345.74	349.32	315.93	499.74	386.21	387.01	310.54	910.36	435.00
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	1.1 12.32	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	775.68	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	072.76	1,051.76	735.85	830.39	1,093.74	1,104.95	798.43	4,193.67	932.26
1996:													
1st qtr.	993.32	1,057.88	665.46	987.51	952.85	1,057.83	644.86	895.20	1,042.68	1,057.93	767.94	2,024.27	1,083.83
2d qtr.	876.58	896.29	661.65	1,058.31	769.17	784.52	649.17	971.61	1,035.88	1,044.16	734.09	2,173.65	1,056.25
3d qtr.	982.36	1,054.91	602.63	758.87	926.20	1,043.84	600.29	643.31	1,056.07	1,065.97	628.34	2,711.58	789.21
4th qtr.	998.21	1,049.75	606.03	1,023.74	946.33	1,022.09	602.08	910.97	1,072.66	1,083.51	637.27	7,184.76	854.10
1996 avg.	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	3,267.33	745.79
TO CANADA													
1986	208.19	180.87	232.79	185.09	206.10	180.87	232.79	185.09	230.09	--	230.44	--	217.14
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:													
1st qtr.	456.03	360.21	475.25	278.43	456.03	360.21	475.25	278.43	--	--	--	--	--
2d qtr.	446.70	404.05	588.63	418.22	446.70	404.05	588.63	418.22	--	--	--	--	--
3d qtr.	331.57	338.68	311.05	319.50	331.57	338.68	311.05	319.50	--	--	--	--	--
4th qtr.	351.31	299.58	543.43	343.40	351.31	299.58	543.43	343.40					
1996 avg.	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	--	--	--		

Table 27—Awerage value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97 (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							
1986	277.98	297.75	265.70	484.51	278.87	300.47	265.42	468.44	269.56	274.84	268.24	1,429.31	386.67
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	425.88	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	779.86	656.46	726.41	633.92	783.65	608.44	918.56	586.21	2,800.00	579.34
1996:													
1st qtr.	726.51	730.25	702.78	781.43	712.21	731.82	684.03	753.79	946.75	603.45	865.74	3,961.54	2,473.68
2d qtr.	536.85	797.30	482.59	648.86	534.31	794.51	473.28	645.46	558.91	869.43	543.62	3,617.24	--
3d qtr.	592.53	657.94	558.78	715.13	592.34	657.94	558.78	713.99	1,174.50	--	--	--	1,174.50
4th qtr.	637.19	889.73	565.84	979.50	637.19	889.73	565.84	979.50					
1996 avg.	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
						TO PEOPLES REPUBLIC OF CHINA							
1986	290.10	295.51	281.10	285.66	296.47	305.75	284.99	313.83	274.17	279.78	231.67		257.71
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	2,786.86	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		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:													
1st qtr.	--	--	--		--	--	--	--	--	--	--		
2d qtr.	633.15	--	630.88	679.65	633.15	--	630.88	679.65	--	--	--		
3d qtr.	684.40	738.56		433.02	684.40	738.56	--	433.02	--	--	--		
4th qtr.	589.81		601.29	476.19	589.81	--	601.29	476.19	--	--	--		
1996 avg.	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			--

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 28–Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1986-97

(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
TO ALL COUNTRIES								
1986	26,211	319.41	4,147	264.77	354	774.61	21,710	322.39
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	456.62	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	720.22	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	917.61	124	2,003.54	4,709	681.63
1997:								
1st quarter	5,939	875.29	4,806	862.76	206	1,744.19	927	746.74
2d quarter	3,760	837.32	3,604	777.29	94	3,069.43	R62	R917.58
3d quarter	4,228	733.07	4,183	737.34	0	--	45	418.76
4th quarter	1,673	835.37	662	634.19	77	2,795.75	933	815.86
1997 total and average value	15,600	823.51	13,255	788.50	377	2,296.58	1,967	776.87
TO JAPAN								
1986	19,060	330.80	217	345.62	354	774.61	18,489	322.08
1987	25,212	393.34	8,944	477.39	0	--	16,268	347.25
1988	28,269	500.09	11,189	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	70,180	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	867.78
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:								
1st quarter	5,933	874.108	4,800	861.46	206	1,744.19	927	745.66
2d quarter	3,698	835.36	3,604	777.29	94	3,069.43	0	--
3d quarter	4,192	736.38	4,183	737.34	0	--	9	517.65
4th quarter	1,647	832.32	662	634.20	77	2,795.75	907	809.79
1997 total and average value	15,470	823.33	13.249	787.96	377	2,296.58	1,843	776.07
TO PEOPLE'S REPUBLIC OF CHINA								
1986	7,097	287.73	3,900	260.00	0	--	3,197	321.55
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	--	19,610	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:								
1st quarter	0	--	0	--	0		0	
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	
4th quarter	0	--	0	--	0	--	0	--
1997 total and average value	0	--	0	--	0	--	0	

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, 1987-97

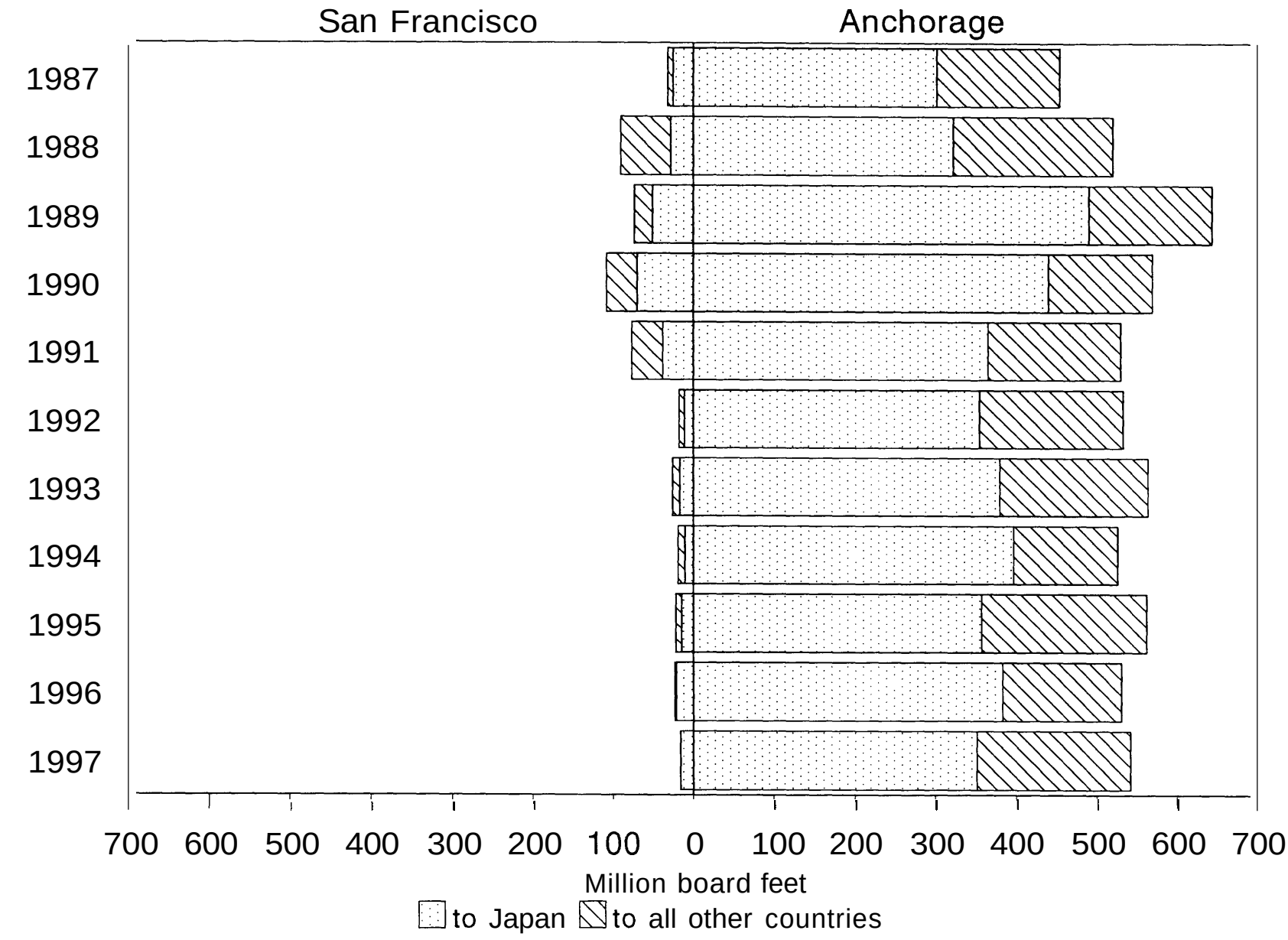

Table 29—Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1986-97

(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
TO ALL COUNTRIES								
1986	345,783	397.88	196.653	302.54	18,466	356.44	118.355	541.12
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:								
1st quarter	76,087	620.75	21,193	517.01	2,194	648.45	36,886	774.33
2d quarter	172,813	634.99	67,038	482.22	7.435	783.69	90.985	726.30
3d quarter	178,528	639.71	76,085	452.17	15,710	797.26	75,492	750.75
4th quarter	114,239	671.51	38.201	511.51	11,966	862.85	56,238	693.60
1997 total and average value	541,667	642.25	202,517	480.10	37.305	806.85	259,601	733.15
TO JAPAN								
1986	278,841	445.40	153,998	334.42	8,726	379.90	103,828	596.55
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:								
1st quarter	44.260	796.93	8.731	604.51	1.815	675.01	29,447	882.06
2d quarter	124,858	663.87	44,325	479.06	2,325	729.19	74.906	741.39
3d quarter	113,807	741.17	39,418	540.14	11,515	782.90	54,446	815.33
4th quarter	68.572	745.97	21,772	562.40	4.543	792.93	35.956	777.52
1997 total and average value	351,497	721.67	114,246	525.60	20,198	769.29	194.755	780.93
TO PEOPLE'S REPUBLIC OF CHINA								
1986	0		0	--	0		0	--
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:								
1st quarter	1,111	562.76	0	--	0		1,117	562.76
2d quarter	0	--	0	--	0	--	0	--
3d quarter	1,145	523.80	0	--	0	--	1,145	523.80
4th quarter	0		0	--	0	--	0	
1997 total and average value	2.256	543.00	0		0		2,256	543.00

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

Table 30–Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1997

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

Port and species	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
					Destination					
Aberdeen-Hoquiam:										
Douglas-fir	116,752	892.94	98,325	909.89	7,708	697.06	10,719	878.34	0	--
Redcedar	3,336	1,277.93	1,067	1,503.39	0	--	2,269	1,171.95	0	--
Hemlock	106,455	624.83	79,183	631.27	331	510.01	26,940	607.31	0	--
Spruce	3,053	700.08	1,966	761.08	726	483.33	360	803.82	0	--
Other softwoods	1,265	784.65	1,081	818.15	0	--	184	587.72	0	--
All softwoods	230,860	771.73	181,622	789.74	8,765	672.30	40,473	712.41	0	--
All hardwoods	538	659.59	172	361.00	0	--	289	865.61	0	--
Red alder	328	477.21	172	361.00	0	--	157	604.73	0	--
Everett:										
Douglas-fir	48,332	963.18	47,810	962.56	0	--	522	1,020.11	0	--
Port-Orford-cedar	196	1,341.40	0	--	0	--	196	1,341.40	0	--
Redcedar	391	575.20	0	--	0		391	575.20	0	--
Hemlock	19,304	725.21	15,743	745.73	0		3,561	634.49	0	--
Spruce	1,085	682.96	883	676.16	0	--	201	712.75	0	--
Other softwoods	1,457	647.49	1,434	650.08	0		23	483.79	0	--
All softwoods	70,765	886.37	65,871	900.09	0	--	4,894	701.70	0	--
All hardwoods	1,779	1,524.57	944	2,199.15	0	--	835	762.25	0	--
Red alder	534	722.81	0	--	0		534	722.81	0	--
Olympia:										
Douglas-fir	6,685	628.58	6,675	626.71	0	--	10	1,831.28	0	--
Redcedar	53	1,431.55	0	--	0	--	53	1,431.55	0	--
Hemlock	2,523	660.58	1,642	749.76	0	--	880	494.16	0	--
All softwoods	9,261	641.93	8,317	651.01	0	--	944	561.91	0	--
All hardwoods	800	991.27	282	1,706.83	0	--	518	602.24	0	--
Port Angeles:										
Douglas-fir	13,631	851.13	12,632	854.63	0		999	806.93	0	--
Port-Orfordcedar	287	1,335.64	0	--	0	--	287	1,335.64	0	--
Redcedar	685	1,284.45	12	1,376.09	0	--	673	1,282.86	0	--
Hemlock	15,908	588.87	7,976	594.85	0	--	6,601	640.84	1,330	295.02
Spruce	2,921	629.88	2,672	601.62	0	--	249	932.84	0	--
Other softwoods	431	640.55	431	640.55	0		0	--	0	--
All softwoods	33,863	719.03	23,723	735.15	0		8,810	739.63	1,330	295.02
All hardwoods	1,250	656.51	137	1,386.56	0		1,114	566.93	0	--
Red alder	31	704.82	0	--	0	--	31	704.82	0	--

Table 30—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1997 (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	2,147	640.49	1,863	665.75	0	--	0	--	0	--
Port-Orfordcedar	180	1,731.22	119	1,743.81	0	--	0	--	0	--
Redcedar	121	1,667.63	16	5,326.51	0	--	29	1,942.79	0	--
Hemlock	1,832	559.53	1,832	559.53	0	--	0	--	0	--
Spruce	536	698.52	469	579.51	0	--	47	398.20	0	
Other softwoods	2,525	1,283.96	1,198	1,975.29	603	380.91	181	1,004.50	240	159.17
All softwoods	7,340	889.49	5,497	945.15	603	380.91	257	998.92	240	159.17
All hardwoods	6,936	1,943.76	3,309	2,005.36	165	1,694.13	1,134	1,827.03	0	--
Tacoma:										
Douglas-fir	183,000	926.31	180,570	928.13	2,144	742.92	286	1,151.03	0	--
Redcedar	455	792.50	235	745.87	0	--	28	1,089.00	0	--
Hemlock	45,449	606.07	41,870	608.44	125	521.06	3,455	580.48	0	--
Spruce	1,858	595.30	1,620	624.28	0	--	36	396.78	0	
Other softwoods	5,277	718.31	5,163	707.57	0	--	52	543.93	0	--
All softwoods	236,040	857.13	229,458	862.50	2,269	730.71	3,857	624.28	0	--
All hardwoods	14,768	1,637.67	10,887	1,611.67	0	--	74	1,727.71	0	--
Red alder	100	1,002.02	18	709.52	0	--	0	--	0	--
Other ports:[a]										
Douglas-fir	6,128	345.75	518	586.58	0	--	79	474.83	5,291	307.42
Redcedar	1,792	495.38	0	--	0	--	0	--	1,792	495.38
Hemlock	381	423.89	0	--	0	--	0	--	381	423.89
Spruce	543	489.62	543	489.62	0	--	0		0	
Other softwoods	2,219	263.02	19	1,010.24	0	--	0	--	2,200	256.72
All softwoods	11,063	363.15	1,080	545.10	0	--	79	474.83	9,664	335.32
All hardwoods	656	1,090.42	0	--	0	--	2	5,461.17	654	1,077.15
Total:										
Douglas-fir	376,675	901.62	348,392	917.35	9,853	707.04	12,616	882.98	5,291	307.42
Port-Orfordcedar	663	1,444.61	119	1,743.81	0	--	483	1,337.98	0	--
Redcedar	6,833	1,008.90	1,329	1,413.47	0	--	3,444	1,135.72	1,792	495.38
Hemlock	191,851	626.95	148,246	635.44	456	513.04	41,438	610.35	1,711	323.72
Spruce	9,996	646.71	8,154	643.92	726	483.33	894	781.56	0	--
Other softwoods	13,174	746.04	9,327	871.95	603	380.91	439	748.47	2,441	247.11
All softwoods	599,191	807.82	515,567	832.62	11,637	668.60	59,314	708.37	11,235	326.78
All hardwoods	26,726	1,611.21	15,729	1,715.83	165	1,694.13	3,966	1,018.87	654	1,077.15
Red alder	994	669.27	190	394.60	0	--	722	696.43	0	--

[a] Bellingham, Blaine, Danville, Ferry, Frontier, Laurier, Lynden, Oroville, and Sumas.

Source: U.S. Department of Commerce,

Table 31—Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1997

(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	30,325	730.50	24,897	744.14	3,502	575.09	1,926	836.77	0	--
Redcedar	130	1,351.55	51	1,791.99	0	--	79	1,067.79	0	--
Hemlock	22,865	608.94	13,853	600.31	98	482.75	8,913	623.74	0	--
Spruce	292	644.41	0		196	412.88	96	1,115.98	0	--
Other softwoods	67	1,275.00	67	1,275.00	0	--	0	--	0	--
All softwoods	53,678	680.43	38,868	695.15	3,796	564.34	11,014	668.47	0	--
All hardwoods	8	684.68	0	--	0	--	8	684.68	0	--
Everett:										
Douglas-fir	12,487	721.44	12,487	721.44	0	--	0		0	--
Hemlock	2,597	710.41	2,597	710.41	0	--	0		0	--
Spruce	131	503.33	131	503.33	0	--	0		0	--
Other softwoods	63	975.69	63	975.69	0	--	0		0	--
All softwoods	15,278	718.74	15,278	718.74	0	--	0	--	0	--
All hardwoods	90	777.21	90	777.21	0	--	0	--	0	--
Olympia:										
Douglas-fir	6,685	628.58	6,675	353.71	0	--	10	1,831.28	0	--
Redcedar	53	1,431.55	0	--	0	--	53	1,431.55	0	--
Hemlock	2,523	660.58	1,642	749.76	0	--	880	494.16	0	--
All softwoods	9,261	641.93	8,317	651.01	0	--	944	561.91	0	--
All hardwoods	800	991.27	282	1,706.83	0	--	518	602.24	0	--
Port Angeles:										
Douglas-fir	623	762.64	0		0	--	623	762.64	0	--
Redcedar	365	1,261.60	0		0	--	365	1,261.60	0	--
Hemlock	1,881	618.37	0	--	0	--	1,881	618.37	0	--
Spruce	172	468.12	0	--	0	--	172	468.12	0	--
All softwoods	3,040	716.58	0		0	--	3,040	716.58	0	--
All hardwoods	444	603.33	0		0	--	444	603.33	0	--
Red alder	31	704.82	0		0	--	31	704.82	0	--

Table 31—Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1997 (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	1,946	648.29	1,855	656.83	0	--	0	--	0	--
Port-Orfordcedar	58	1,739.54	58	1,739.54	0	--	0	--	0	
Redcedar	8	1,815.43	0	--	0	--	8	1,815.43	0	--
Hemlock	1,542	561.96	1,542	561.96	0	--	0	--	0	
Spruce	401	526.63	401	526.63	0	--	0	--	0	--
Other softwoods	331	567.66	255	510.48	0	--	46	563.32	0	--
All softwoods	4,286	616.53	4,109	614.66	0	--	54	751.65	0	--
All hardwoods	1,717	2,095.57	1,099	2,226.02	19	2,965.04	370	1,597.72	0	--
Tacoma:										
Douglas-fir	23,799	756.37	21,655	757.70	2,144	742.92	0	--	0	--
Redcedar	79	629.17	79	629.17	0		0	--	0	--
Hemlock	7,438	551.61	7,301	551.92	125	521.06	11	686.12	0	
Spruce	71	577.65	44	686.93	0	--	0	--	0	--
Other softwoods	1,518	607.03	1,475	611.94	0		0	--	0	--
All softwoods	32,905	702.50	30,554	701.05	2,269	730.71	11	686.12	0	--
All hardwoods	869	2,275.20	106	2,158.33	0	--	0	--	0	--
Red alder	17	1,320.02	0	--	0		0	--	0	--
Other ports:[a]										
Douglas-fir	2,238	301.77	0	--	0	--	0	--	2,100	287.75
Redcedar	1,766	494.89	0	--	0	--	0	--	1,766	494.89
Hemlock	42	377.50	0	--	0	--	0	--	42	377.50
Other softwoods	1,558	253.37	0	--	0	--	0	--	1,558	253.37
All softwoods	5,603	349.73	0	--	0	--	0	--	5,464	345.56
All hardwoods	86	719.32	0	--	0	--	0	--	86	719.32
Total:										
Douglas-fir	78,103	714.13	67,568	730.29	5,646	638.83	2,560	822.76	2,100	287.75
Port-Orford-cedar	58	1,739.54	58	1,739.54	0	--	0	--	0	--
Redcedar	2,401	687.36	130	1,082.47	0	--	505	1,258.29	1,766	494.89
Hemlock	38,886	606.44	26,935	604.73	223	504.18	11,686	613.18	42	377.50
Spruce	1,066	549.94	576	533.61	196	412.88	268	700.26	0	--
Other softwoods	3,537	466.76	1,859	634.17	0	--	46	563.32	1,558	253.37
All softwoods	124,051	671.87	97,127	693.53	6,065	626.59	15,064	671.81	5,464	345.56
All hardwoods	4,013	1,687.64	1,577	2,045.95	19	2,965.04	1,339	877.75	86	719.32
Red alder	48	920.28	0	--	0	--	31	704.82	0	

[a] Bellingham, Blaine, Danville, Ferry, Laurier, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 32–Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1997

(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	33,220	786.87	33,215	786.84	0	--	0	--	0	--
Port-Orfordcedar	1,439	3,291.81	1,439	3,291.81	0	--	0	--	0	--
Redcedar	77	1,285.63	0	--	0	--	0	--	0	--
Hemlock	343	563.75	251	633.58	0	--	0	--	0	--
Other softwoods	1,064	524.25	1,032	466.52	0	--	0	--	0	--
All softwoods	36,143	877.80	35,936	876.87	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	322,110	922.80	318,790	924.22	2,393	760.92	152	1,343.20	0	--
Redcedar	23	1,155.06	23	1,155.06	0	--	0	--	0	--
Hemlock	17,935	672.70	17,935	672.70	0	--	0	--	0	--
Spruce	4	664.40	4	664.40	0	--	0	--	0	--
Other softwoods	4,566	761.80	4,536	754.13	0	--	0	--	0	--
All softwoods	344,638	907.67	341,287	908.75	2,393	760.92	152	1,343.20	0	--
Red alder	11	2,712.15	0	--	0	--	0	--	0	--
All hardwoods	314	1,740.98	240	1,408.09	0	--	0	--	0	--
Newport:										
Douglas-fir	3,219	885.27	3,219	885.27	0	--	0	--	0	--
Portland:										
Douglas-fir	54,379	971.46	53,877	973.04	45	476.18	63	474.60	0	--
Port-Orfordcedar	309	1,942.75	54	2,781.31	0	--	8	1,714.05	247	1,767.62
Hemlock	2,377	638.03	2,377	638.03	0	--	0	--	0	--
Spruce	49	1,198.82	49	1,198.82	0	--	0	--	0	--
Other softwoods	2,069	870.60	1,499	820.48	0	--	192	1,207.41	11	2,380.61
All softwoods	59,184	959.80	57,856	957.19	45	476.18	263	1,047.45	258	1,793.82
All hardwoods	1,783	1,866.02	732	1,957.44	0	--	297	1,564.65	471	2,002.96
Total:										
Douglas-fir	412,928	917.98	409,101	919.18	2,438	755.67	215	1,088.15	0	--
Port-Orfordcedar	1,748	3,053.14	1,493	3,273.39	0	--	8	1,714.05	247	1,767.62
Redcedar	100	1,255.59	23	1,155.06	0		0	--	0	--
Hemlock	20,655	666.90	20,563	668.22	0	--	0	--	0	--
Spruce	53	1,158.74	53	1,158.74	0	--	0	--	0	--
Other softwoods	7,700	758.20	7,067	726.21	0	--	192	1,207.41	11	2,380.61
All softwoods	443,184	912.03	438,299	912.36	2,438	755.67	415	1,155.62	258	1,793.82
Red alder	11	2,712.15	0		0	--	0	--	0	--
All hardwoods	2,097	1,847.28	972	1,821.57	0	--	297	1,564.65	471	2,002.96

Source: U.S. Department of Commerce.

Table 33—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1997

(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	4,854	651.53	4,849	651.16	0	--	0	--	0	--
Port-Orfordcedar	21	2,532.90	21	2,532.90	0	--	0	--	0	--
Hemlock	93	375.04	0	--	0	--	0	--	0	--
Other softwoods	1,054	478.16	1,032	466.52	0	--	0	--	0	
All softwoods	6,021	623.33	5,901	625.42	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	67,534	736.29	67,307	736.85	0	--	0	--	0	--
Hemlock	3,829	564.99	3,829	564.99	0	--	0	--	0	--
Spruce	4	664.40	4	664.40	0	--	0	--	0	--
Other softwoods	2,168	663.69	2,168	663.69	0.	--	0	--	0	--
All softwoods	73,534	725.22	73,308	725.71	0	--	0	--	0	--
Portland:										
Douglas-fir	8,231	848.28	8,047	853.28	0	--	0	--	0	--
Port-Orfordcedar	32	1,933.74	0	--	0	--	0	--	32	1,933.74
Hemlock	536	629.17	536	629.17	0	--	0	--	0	--
Spruce	49	1,198.82	49	1,198.82	0	--	0	--	0	--
Other softwoods	285	548.57	76	530.96	0	--	14	1,011.43	0	--
All softwoods	9,132	831.73	8,709	838.61	0	--	14	1,011.43	32	1,933.74
All hardwoods	586	1,934.81	435	1,901.41	0	--	16	1,430.44	105	1,947.70
Total:										
Douglas-fir	80,618	742.62	80,203	743.35	0	--	0	--	0	--
Port-Orfordcedar	52	2,168.86	21	2,532.90	0	--	0	--	32	1,933.74
Hemlock	4,458	568.76	4,365	572.88	0	--	0	--	0	--
Spruce	53	1,158.74	53	1,158.74	0	--	0	--	0	--
Other softwoods	3,506	598.57	3,275	598.50	0	--	14	1,011.43	0	--
All softwoods	88,687	729.27	87,917	730.16	0	--	14	1,011.43	32	1,933.74
All hardwoods	586	1,934.81	435	1,901.41	0	--	16	1,430.44	105	1,947.70

Source: U.S. Department of Commerce.

Table 34—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, 1997

(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	10,998	734.81	10,998	734.81	0	--	0	--	0	--
Port-Orfordcedar	361	2,343.96	361	2,343.96	0	--	0	--	0	--
Hemlock	9	515.29	9	515.29	0	--	0	--	0	--
All softwoods	11,368	785.73	11,368	785.73	0	--	0	--	0	--
Red alder	155	298.86	155	298.86	0	--	0	--	0	
All hardwoods	155	298.86	155	298.86	0	--	0		0	--
Oakland:										
Douglas-fir	6	2,164.43	0	--	0	--	0	--	0	
Port-Orfordcedar	17	1,185.29	17	1,185.29	0	--	0	--	0	
Spruce	36	397.19	0	--	0		0		36	397.19
Other softwoods	453	348.43	344	152.80	0		0	--	0	--
All softwoods	512	399.58	361	202.06	0		0	--	36	397.19
Red alder	79	904.03	79	904.03	0	--	0	--	0	--
All hardwoods	3,299	2,596.39	1,431	1,786.43	4	3,209.00	18	2,024.41	160	330.93
Richmond:										
Douglas-fir	1,392	933.85	1,392	933.85	0	--	0	--	0	--
Other softwoods	2	1,655.97	0	--	0	--	0	--	0	
All softwoods	1,394	934.87	1,392	933.85	0	--	0	--	0	--
All hardwoods	8	2,277.43	0	--	0	--	0		0	
Sacramento:										
Douglas-fir	860	1,231.96	860	1,231.96	0	--	0	--	0	
Other softwoods	1,802	772.48	1,802	772.48	0	--	0	--	0	
All softwoods	2,662	920.88	2,662	920.88	0		0	--	0	
San Francisco:										
Other softwoods	4	1,046.67	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	13,255	788.55	13,249	787.97	0	--	0	--	0	--
Port-Orford-cedar	378	2,291.20	378	2,291.20	0	--	0	--	0	
Hemlock	9	515.29	9	515.29	0	--	0		0	--
Spruce	36	397.19	0	--	0	--	0	--	36	397.19
Other softwoods	2,261	688.78	2,146	673.22	0	--	0	--	0	--
All softwoods	15,939	809.01	15,782	808.24	0		0		36	397.19
Red alder	233	596.47	233	596.47	0	--	0		0	--
All hardwoods	3,461	2,499.40	1,586	1,655.24	4	3,209.00	18	2,024.41	160	330.93

Source: U.S. Department of Commerce.

Table 35—Volume and average value of log exports by port, species, and destination, San Francisco Customs District, fourth quarter 1997

(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	662	634.20	662	634.20	0	--	0	--	0	--
Port-Orford-cedar	77	2,795.66	77	2,795.66	0	--	0	--	0	--
All softwoods	740	860.02	740	860.02	0	--	0	--	0	--
Oakland:										
Other softwoods	38	1,080.96	11	1,221.11	0	--	0	--	0	--
All hardwoods	1,757	1,898.48	1,047	1,051.47	4	3,209.00	18	2,024.41	16	899.17
Red alder	79	904.03	79	904.03	0	--	0	--	0	--
Richmond:										
Other softwoods	2	1,655.97	0	--	0	--	0	--	0	--
All hardwoods	7	2,049.83	0	--	0	--	0	--	0	--
Sacramento:										
Other softwoods	896	804.66	896	804.66	0	--	0	--	0	--
Total:										
Douglas-fir	662	634.20	662	634.20	0	--	0	--	0	--
Port-Orford-cedar	77	2,795.66	77	2,795.66	0	--	0	--	0	--
Other softwoods	936	817.55	907	809.73	0	--	0	--	0	--
All softwoods	1,675	836.30	1,647	832.32	0	--	0	--	0	--
All hardwoods	1,764	1,899.09	1,047	1,051.47	4	3,209.00	18	2,024.41	16	899.17
Red alder	79	904.03	79	904.03	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 36—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1997

(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:										
Douglas-fir	960	475.46	960	475.46	0	--	0	--	0	--
Hemlock	37,220	541.74	6,513	564.93	0	--	30,707	536.82	0	--
Spruce	147,008	616.05	96,370	616.89	2,256	542.98	41,444	603.71	0	--
Other softwoods	1,736	474.23	694	792.71	0	--	0	--	1,042	259.65
All softwoods	186,924	599.21	104,536	613.52	2,256	542.98	72,151	575.24	1,042	259.65
Juneau:										
Hemlock	38,957	465.76	23,279	510.11	0	--	15,678	399.89	0	--
Spruce	18,448	817.72	17,553	825.82	0	--	894	658.70	0	
Other softwoods	1,507	415.74	204	1,227.19	0	--	0		1,302	288.36
All softwoods	58,911	574.69	41,037	648.73	0	--	16,572	413.86	1,302	288.36
Ketchikan:										
Port-Orfordcedar	66	2,734.73	66	2,734.73	0	--	0	--	0	--
Redcedar	37,306	806.83	20,167	770.47	0	--	6,472	844.80	781	1,635.22
Hemlock	124,565	466.11	83,496	526.29	0	--	29,638	392.24	9,564	169.60
Spruce	89,246	904.69	76,431	976.66	0	--	9,673	440.45	1,170	375.85
Other softwoods	37,446	740.89	19,877	1,214.92	0	--	129	459.22	17,027	193.33
All softwoods	288,629	681.93	200,038	792.15	0	--	45,912	466.38	28,542	232.32
Valdez:										
Spruce	2,832	398.63	2,832	398.63	0	--	0	--	0	
Wrangell:										
Hemlock	1,776	483.58	958	574.08	0	--	818	377.54	0	--
Spruce	2,067	1,358.66	1,568	1,510.64	0	--	499	881.57	0	
Other softwoods	528	757.53	528	757.53	0	--	0		0	--
All softwoods	4,371	930.50	3,054	1,086.57	0	--	1,317	568.64	0	--
Total:										
Douglas-fir	960	475.46	960	475.46	0	--	0		0	--
Port-Orfordcedar	66	2,734.73	66	2,734.73	0	--	0		0	--
Redcedar	37,306	806.83	20,167	770.47	0	--	6,472	844.80	781	1,635.22
Hemlock	202,517	480.10	114,246	522.36	0	--	76,840	451.42	9,564	169.60
Spruce	259,602	733.15	194,754	775.80	2,256	542.98	52,511	577.22	1,170	375.85
Other softwoods	41,217	717.99	21,304	1,189.95	0	--	129	459.22	19,371	203.29
All softwoods	541,667	642.25	351,497	717.77	2,256	542.98	135,952	518.74	30,886	235.60

Source: U.S. Department of Commerce.

Table 37–Volume and average value of log exports by port, species, and destination, Anchorage Customs District, fourth quarter 1997

(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	4,971	541.17	0	--	0	--	4,971	541.17	0	--
Spruce	30,457	580.46	14,843	578.97	0	-	12,106	553.59	0	--
Other softwoods	1	6,289.91	0	--	0	--	0	--	0	--
All softwoods	35,428	575.02	14,843	578.97	0	--	17,076	549.98	0	--
Juneau:										
Hemlock	6,467	512.85	3,714	619.62	0	--	2,753	368.81	0	--
Spruce	2,508	628.29	2,244	648.90	0	--	264	453.03	0	--
Other softwoods	1,302	211836	0	--	0	--	0	--	1,302	288.36
All softwoods	10,277	512.57	5,958	630.65	0	--	3,017	376.18	1,302	288.36
Ketchikan:										
Port-Orfordcedar	66	2,734.73	66	2,734.73	0	--	0	--	0	--
Redcedar	11,966	862.87	4,513	798.21	0		2,664	813.71	781	1,635.22
Hemlock	26,763	505.68	18,058	550.63	0	--	8,104	412.10	36	374.17
Spruce	23,274	848.70	18,870	949.00	0	--	3,321	356.08	0	--
Other softwoods	6,465	1,126.34	6,265	1,144.17	0	--	60	466.27	9	989.05
All softwoods	68,534	745.23	47,772	812.24	0	-	14,149	474.78	826	1,573.38
Total:										
Port-Orfordcedar	66	2,734.73	66	2,734.73	0	--	0	--	0	--
Redcedar	11,966	862.87	4,513	798.21	0		2,664	813.71	781	1,635.22
Hemlock	38,201	511.51	21,772	562.40	0	-	15,828	445.10	36	374.17
Spruce	56,238	693.60	35,956	777.52	0	-	15,691	510.09	0	
Other softwoods	7,768	986.15	6,265	1,144.17	0		60	466.27	1,311	293.31
All softwoods	114,239	671.51	68,572	745.97	0	--	34,242	503.59	2,128	787.12

Source: U.S. Department of Commerce.

Table 38–Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97

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

Year and auarter	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				
1986	7,603	1,105.20	1,713	753.66	31	419.35	282	1,131.39
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:								
1st quarter	8,250	1,615.15	716	1,640.37	0		737	1,995.12
2d quarter	7,778	1,517.48	1,454	1,781.05	0		362	2,353.30
3d quarter	3,833	1,057.89	329	2,435.03	0		615	1,119.91
4th auarter	5,710	1,646.50	986	1,755.10	0		578	2,582.66
1996 total	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	1,898.87
1997 total	26,675	1,613.51	2,071	1,865.35	0		3,461	2,498.45
				TO JAPAN				
1986	2,633	1,150.47	1,569	777.64	0		32	1,674.06
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	2,289.82
1995	14,560	1,828.91	2,103	1,405.14	0		1,425	
1996:								
1st quarter	5,079	1,695.22	475	1,707.37	0		328	2,341.46
2d quarter	4,543	1,850.98	505	1,801.28	0		211	2,922.26
3d quarter	1,811	1,090.67	152	2,623.32	0		44	3,488.1 1
4th quarter	3,305	2,003.93	211	2,080.57	0		315	2,426.94
1996 total	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
				TO PEOPLES REPUBLIC OF CHINA				
1986	7	2,271.43	0		0	--	0	
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:								
1st quarter	97	2,526.96	14	1,223.02	0	--	8	2,080.78
2d quarter	110	1,490.91	0	--	0	--	0	
3d quarter	30	1,421.95	0		0	--	0	
4th quarter	74	2.217.69	0		0	--	0	
1996 total	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 auarter	19	2,969.02	0		0	--	4	3.187.75
1997 total	164	1.697.01	0		0		4	3.187.75

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 39—Volume and average value of alder log exports from the Seattle Customs District, 1990-97

(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:								
1st quarter	349	426.38	132	234.05	217	543.78	0	--
2d quarter	166	512.05	0	--	166	512.05	0	--
3d quarter	138	274.98	132	234.05	0		6	1,219.51
4th quarter	267	539.53	132	234.05	84	758.92	27	1,023.02
1996 total	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	R4	1,100.00	0	--	0	--	R4	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

R = revised.

Source: U.S. Department of Commerce.

Table 40—Volume and average value of log exports from southern California ports by species, 1986-97

(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
1986	5,772	402.81	75	213.33	2,151	265.92	3,546	489.85
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:								
1st quarter	2,477	1,671.85	0	--	851	888.37	1,626	2,081.78
2d quarter	3,638	1,201.76	60	1,916.67	1,192	718.06	2,386	1,425.40
3d quarter	1,976	1,350.25	0	--	649	1,200.31	1,327	1,423.59
4th quarter	3,605	1,147.97	7	1,212.12	2,321	583.70	1,277	2,173.03
1996 total	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

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 41—Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1986-97[a]

(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
1986	105	281.20	17	484.53	88	241.92
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:						
1st quarter	1,091	382.39	325	419.11	766	366.84
2d quarter	999	277.28	304	355.26	695	243.17
3d quarter	512	402.41	7	824.18	505	396.32
4th quarter	274	437.32	0	--	274	437.32
1996 total and average value	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

[a] 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 42--Volume of log exports from British Columbia ports by species and destination, 1987-97

(In thousand board feet, British Columbia log scale)

Year	Total, all species	Douglas-fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
			TO ALL COUNTRIES				
1987	750,438	7 093	383 776	7 108	129 074	190 094	33 293
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
			TO JAPAN				
1987	553,785	6 135	291 356	6 283	105,503	140,699	3 809
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	1571616	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
			TO UNITED STATES				
1987	51,065	0	24,216	758	7,663	15,937	2,491
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
			TO PEOPLE'S REPUBLIC OF CHINA				
1987	85 470	260	31,451	0	3,005	25 170	25,584
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

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 43—Average value of log exports from British Columbia ports by species and destination, 1987-97

(In dollars per thousand board feet, Canadian dollars)

Year	Total, all species	Douglas-fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
				TO ALL COUNTRIES			
1987	411.43	402.14	394.49	1,154.26	473.53	412.21	204.85
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
				TO JAPAN			
1987	472.72	433.40	441.43	1,168.66	521.12	476.05	317.68
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
				TO UNITED STATES			
1987	290.76		286.10	1,046.32	366.34	250.65	130.17
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
				TO PEOPLES REPUBLIC OF CHINA			
1987	233.56	234.50	267.08	--	229.42	232.40	193.96
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	--

NA = not available.

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

Table 44--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1986-97

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

Year and quarter	Volume	Average value
1986	27,864	155.47
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:		
1st quarter	5,864	1,110.75
2d quarter	4,896	551.03
3d quarter	2,809	891.06
4th quarter	4,757	793.96
1996 total and average value	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

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 45–Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1986-97

Year and quarter	Chipped pulpwood		Roundwood pulpwood	
	Volume	Average value	Volume	Average value
	Short tons[a]	Dollars	Cords[b]	Dollars
1986	701,586	25.91	85	124.73
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:				
1st quarter	110,295	49.10	NA	NA
2d quarter	117,436	59.76	NA	NA
3d quarter	140,212	58.31	NA	NA
4th quarter	119,152	61.66	NA	NA
1996 total and average value	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

NA = not available.

[a] Dry-weight basis.

[b] Green-weight basis.

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

Table 46—Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97

(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				
1986	152.7	468.5	6.4	79.6	220.7	7.5	3.1	349.6
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	.9	372.7
1990	136.9	409.9	.3	131.8	274.7	43.8	.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	.5	134.6
1994	98.2	356.8	13.3	111.7	178.1	0.0	1.4	148.8
1995	144.1	656.0	4.0	147.7	139.5	0.0	16.7	172.7
1996:								
1st quarter	36.5	93.8	.1	31.9	34.6	.1	.1	37.6
2d quarter	20.4	102.2	8.3	25.6	25.6	0.0	.1	63.3
3d quarter	33.7	145.3	3.2	43.7	23.2	0.0	0.0	42.3
4th quarter	22.9	102.9	.2	45.1	41.6	0.0	0.0	56.2
1996 total	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	0.0	.6	R58.4
2d quarter	15.4	R102.9	3.3	31.6	17.3	0.0	0.0	R50.9
3d quarter	11.6	110.8	2.6	31.8	0.0	0.0	0.0	53.7
4th quarter	15.0	85.4	.1	23.6	0.0	0.0	0.0	31.6
1997 total	69.7	379.5	7.4	120.4	49.8	0.0	.6	194.7
				TO JAPAN				
1986	48.5	113.1	6.3	35.5	98.8	7.5	1.6	144.4
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	0.0	59.1	111.2	9.6	.1	173.9
1990	49.0	77.5	.1	58.4	92.5	18.6	.4	154.2
1991	46.7	103.6	.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	0.0	1.3	8.3
1995	63.9	170.4	4.0	46.7	28.0	0.0	16.3	3.2
1996:								
1st quarter	7.4	31.0	.1	8.4	3.5	0.0	.1	8.1
2d quarter	9.9	22.4	.6	11.0	3.3	0.0	0.0	9.2
3d quarter	15.5	23.6	0.0	11.1	3.5	0.0	0.0	6.2
4th quarter	10.8	14.2	.1	12.9	3.9	0.0	0.0	5.9
1996 total	43.6	91.2	.8	43.3	14.2	0.0	1	29.4
1997:								
1st quarter	10.5	12.2	.1	R11.3	4.0	0.0	.1	R2.6
2d quarter	10.0	16.6	.2	15.6	6.8	0.0	0.0	R1.8
3d quarter	7.5	15.8	a	10.8	0.0	0.0	0.0	1.2
4th quarter	9.6	18.0	a	7.3	0.0	0.0	0.0	2.0
1997 total	37.7	62.6	.3	45.0	10.8	0.0	1	7.6

Table 46--Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97 (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								
1986	14.5	100.9	0.0	0.0	6.1	0.0	0.0	45.3
1987	19.4	91.6	0.0	2.7	0.0	2.5	0.0	36.2
1988	22.2	112.6	0.0	.3	0.0	6.8	0.0	44.9
1989	17.8	143.0	0.0	3.1	0.0	9.4	0.0	58.3
1990	9.0	110.0	0.0	15.8	0.0	13.2	0.0	72.9
1991	3.3	122.1	0.0	16.1	0.0	4.2	0:0	61.4
1992	1.1	118.0	0.0	2.5	0.0	0.0	0.0	92.1
1993	.8	91.1	0.0	1.1	0.0	0.0	0.0	24.4
1994	.3	86.3	0.0	.9	0.0	0.0	0.0	46.4
1995	.5	202.9	0.0	3.3	0.0	0.0	0.0	40.3
1996:								
1st quarter	8.5	9.2	0.0	2.1	0.0	0.0	0.0	8.4
2d quarter	.1	22.3	0.0	.2	0.0	0.0	0.0	19.1
3d quarter	0.0	24.0	0.0	0.0	0.0	0.0	0.0	16.0
4th quarter	1.0	16.2	*0.0*	.4	0.0	0.0	0.0	11.3
1996 total	9.5	71.7	0.0	2.6	0.0	0.0	0.0	54.7
1997:								
1st quarter	0.0	9.5	0.0	R.6	0.0	0.0	0.0	10.4
2d quarter	*0.0*	22.0	0.0	R1.0	0.0	0.0	0.0	15.0
3d quarter	0.0	20.5	0.0	3.3	0.0	0.0	0.0	18.7
4th quarter	0.0	15.6	0.0	2.8	0.0	0.0	0.0	9.8
1997 total	0.0	67.6	0.0	7.7	0.0	0.0	0.0	53.9
TO WESTERN EUROPE								
1986	67.8	61.0	0.0	34.4	8.8	0.0	0.0	84.1
1987	62.3	69.4	0.0	45.1	7.9	0.0	0.0	69.0
1988	88.6	54.0	0.0	45.4	10.2	0.0	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	0.0	.5	88.8
1992	48.0	36.1	4.4	49.4	42.6	4.9	0.0	63.2
1993	28.0	34.2	3.7	23.0	22.4	0.0	.1	19.5
1994	26.2	27.9	.9	31.9	25.1	0.0	.1	44.4
1995	29.1	0.0	0.0	66.1	17.8	0.0	0.0	65.7
1996:								
1st quarter	3.3	1.6	0.0	12.7	4.5	0.0	0.0	0.0
2d quarter	2.0	8.8	0.0	13.1	5.3	0.0	0.0	0.0
3d quarter	4.1	51.8	0.0	14.8	4.8	0.0	0.0	0.0
4th quarter	3.0	10.5	.1	17.0	0.0	0.0	0.0	.2
1996 total	12.3	70.7	.1	57.6	14.6	0.0	0.0	.2
1997:								
1st quarter	4.7	4.4	0.0	R18.7	*5.0*	0.0	0.0	0.0
2d quarter	2.7	11.6	2.6	14.4	0.0	0.0	0.0	0.0
3d quarter	1.2	33.2	2.6	17.6	0.0	0.0	0.0	.2
4th quarter	2.8	11.1	.1	12.6	0.0	0.0	0.0	.1
1997 total	11.4	60.3	5.2	63.2	5.0	0.0	0.0	.4

R = revised.

[a] Volume less than 0.1 short tons.

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

Source: U.S. Department of Commerce.

Table 47—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97

(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	DissoMng grade	Paper grades	DissoMng grade	Paper grades	DissoMng grade	Paper grades
TO ALL COUNTRIES								
1986	**466.77**	301.67	459.90	**329.90**	**392.53**	359.42	328.19	378.18
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:								
1st quarter	758.11	**368.30**	722.71	387.55	**882.82**	545.45	453.81	468.87
2d quarter	834.68	325.21	265.73	381.82	**633.64**	--	172.76	353.88
3d quarter	764.48	248.76	**353.96**	370.99	566.51		--	**404.98**
4th quarter	768.22	359.27	481.25	435.58	**540.05**	--	--	381.61
1996 average	775.47	316.55	297.67	392.90	658.99	545.45	304.35	394.21
1997:								
1st quarter	813.51	R345.54	551.86	R322.95	558.97		R387.41	R344.79
2d quarter	854.43	R307.74	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
TO JAPAN								
1986	463.07	307.62	460.45	**322.92**	416.24	359.42	328.43	395.21
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:								
1st quarter	1,040.66	422.78	722.71	388.10	923.36	--	455.88	457.81
2d quarter	969.14	378.30	812.73	343.28	**689.06**	--		377.84
3d quarter	927.01	341.48		401.66	618.80	--	--	425.32
4th quarter	933.80	360.07	184.78	388.55	621.90	--		478.06
1996 average	957.53	381.05	722.01	380.34	711.24	--	455.88	429.97
1997:								
1st quarter	860.46	329.23	405.19	R331.25	620.90	--	R537.18	R463.18
2d quarter	876.89	347.65	857.14	314.17	537.82	--	--	R480.03
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

This file was created by scanning the printed publication. Text errors identified by the software have been corrected; however, some errors may remain.

Table 47—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97 (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	DissoMng grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
				TO *SOUTH* KOREA				
1986	425.05	299.79	--	--	341.70	--	--	385.67
1887	491.95	436.80	-	307.08	--	462.12	--	502.21
1988	588.99	471.83	-	555.22	--	558.07	380.95	622.67
1989	074.04	442.78	-	591.87	--	011.10	--	649.82
1990	718.22	420.73	-	474.81	--	444.77	--	534.47
1991	641.21	340.32	-	370.05	--	350.00	--	425.72
1992	584.94	342.51	-	405.45	--	--	--	414.82
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	--	--	--	687.87
1996:								
1st quarter	452.54	333.92	-	515.76	--	--	--	463.89
2d quarter	1,179.14	278.60	-	311.03	--	--	--	372.68
3d quarter	--	302.90	--	--	--	--	--	410.71
4th quarter	452.38	334.40	-	442.25	--		--	397.23
1996 average	454.01	306.77	--	492.39	--	--		402.83
1997:								
1st quarter	--	287.06	-	R336.58	--	--		366.49
2d quarter	--	274.71	-	R232.60	--	--		372.92
3d quarter	--	273.61	-	252.53	--	--	--	408.87
4th quarter	--	278.72	--	315.00	--	--	--	415.79
1QQ7average	--	278.08	--	278.98	--	--	--	391.95
				TO WESTERN EUROPE				
1986	498.99	393.35	--	359.73	393.52	--	--	369.95
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	014.01	808.00	639.75	671.18	246.92	453.72	627.00
1991	708.89	451.95	077.89	463.98	564.27	--	705.91	403.42
1992	624.81	446.01	619.92	425.42	549.95	351.05	--	402.36
1993	684.26	316.90	727.25	372.30	544.36		655.08	356.55
1994	719.55	358.52	742.10	434.84	555.80		754.72	555.78
1995	673.37	445.11	--	503.86	848.43	--		809.50
1996:								
1st quarter	905.57	273.55	--	395.86	888.54	--	--	--
2d quarter	847.28	284.47	-	369.26	716.80	--	--	--
3d quarter	861.54	111.25	-	340.13	651.44	--	--	--
4th quarter	848.88	219.29	882.35	394.62	--	-	--	437.50
1996 average	867.85	147.54	882.35	377.14	747.94	--	--	437.50
1997:								
1st quarter	827.81	468.29	--	328.80	611.79	--		
2d quarter	793.31	192.90	391.86	336.12	--	--	--	
3d quarter	765.53	117.59	452.89	273.70			--	452.80
4th quarter	778.96	346.90	432.13	303.38	--			418.89
1997 average	804.32	175.70	427.85	302.64	611.79			439.13

R = revised.

Source: U.S. Department of Commerce.

Table 48—Volume and average value of all chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1986-97

(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
1986	446,226	73.97	1,577,739	72.02	256,981	71.77	0	--
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:								
1st quarter	141,570	100.76	293,471	129.50	83,367	121.59	65,782	96.53
2d quarter	170,023	95.11	322,151	105.73	110,592	110.94	49,286	89.42
3d quarter	124,553	94.90	289,676	98.92	47,728	103.23	30,452	72.51
4th quarter	153,842	93.38	325,668	100.89	72,593	98.18	54,343	69.59
1996 total and average value	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

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 49—Volume and average value of softwood chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1989-97

(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:								
1st quarter	50,549	71.40	220,424	130.65	47,610	127.62	65,782	96.53
2d quarter	66,827	69.91	238,754	104.01	44,570	111.96	49,286	89.42
3d quarter	52,910	70.04	246,533	97.76	24,708	101.47	30,452	72.51
4th quarter	78,074	71.85	286,082	99.35	49,043	94.84	54,343	69.59
1996 total and average value	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

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 50—Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97[a]

(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												
1986	1,151,529	464,348	452,610	234,571	747,311	**193,338**	**355,464**	198,509	404,218	271,010	**97,146**	36,062
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	462,816	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:												
let qtr.	249,543	157,429	43,709	48,405	141,889	70,682	38,183	33,024	107,654	86,747	5,526	15,381
2d qtr.	256,744	167,661	42,165	46,018	145,917	79,256	36,444	30,217	110,827	88,405	5,721	16,701
3d qtr.	240,130	157,932	**38,900**	43,298	**139,978**	77,369	33,077	29,532	100,152	80,563	5,823	13,766
4th qtr.	**264,666**	172,734	48,002	43,930	140,058	**71,871**	40,741	27,473	124,608	100,863	7,288	16,457
1996 total	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	197,258	13,861	121,349
TO JAPAN												
1986	672,409	129,385	424,528	118,496	497,508	78,111	329,745	**89,652**	174,901	51,274	04,783	28,844
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:												
1st qtr.	166,004	100,530	38,723	26,751	91,332	41,639	**33,330**	16,363	74,672	58,891	5,393	10,388
2d qtr.	179,639	112,203	38,916	28,520	98,130	48,892	33,236	16,002	81,509	63,311	5,680	12,518
3d qtr.	176,796	115,645	36,115	25,036	94,306	49,089	30,418	14,799	82,490	66,556	5,697	10,238
4th qtr.	195,230	122,183	45,647	27,400	99,963	45,675	38,663	15,625	95,267	76,508	6,984	11,775
1996 total	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

Table 50—Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97[a] (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 softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods
					TO CANADA							
1986	151,009	59,174	9,948	81,887	151,009	59,174	9,948	81,887	0	0	0	0
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:												
1st qtr.	35,365	24,068	770	10,527	35,365	24,068	770	10,527	0	0	0	0
2d qtr.	33,924	22,922	1,311	9,691	33,924	22,922	1,311	9,691	0	0	0	0
3d qtr.	32,596	22,130	586	9,880	32,596	22,130	586	9,880	0	0	0	0
4th qtr.	29,902	20,462	614	8,826	29,902	20,462	614	8,826	0	0	0	0
1996 total	131,786	89,581	3,282	38,924	131,786	89,581	3,282	38,924	0	0	0	0
1997:												
1st qtr.	37,014	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	4,030	49,122	131,401	78,244	4,036	49,122	0	0	0	0
					TO PEOPLE'S REPUBLIC OF CHINA							
1986	5,282	3,026	2,178	78	2,178	0	2,178	0	3,104	3,026	0	78
1987	9,267	8,834	0	433	631	198	0	433	8,630	8,636	0	0
1988	4,941	0	118	4,823	118	0	118	0	4,823	0	0	4,823
1989	9,690	04	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:												
1st qtr.	64	0	3	64	64	0	0	64	0	0	0	0
2d qtr.	252	19	0	233	252	19	0	233	0	0	0	0
3d qtr.	108	0	0	106	108	0	0	106	0	0	0	0
4th qtr.	78	40	0	38	78	40	0	38	0	0	0	0
1996 total	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

[a] 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.

Figure 5--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1987-97

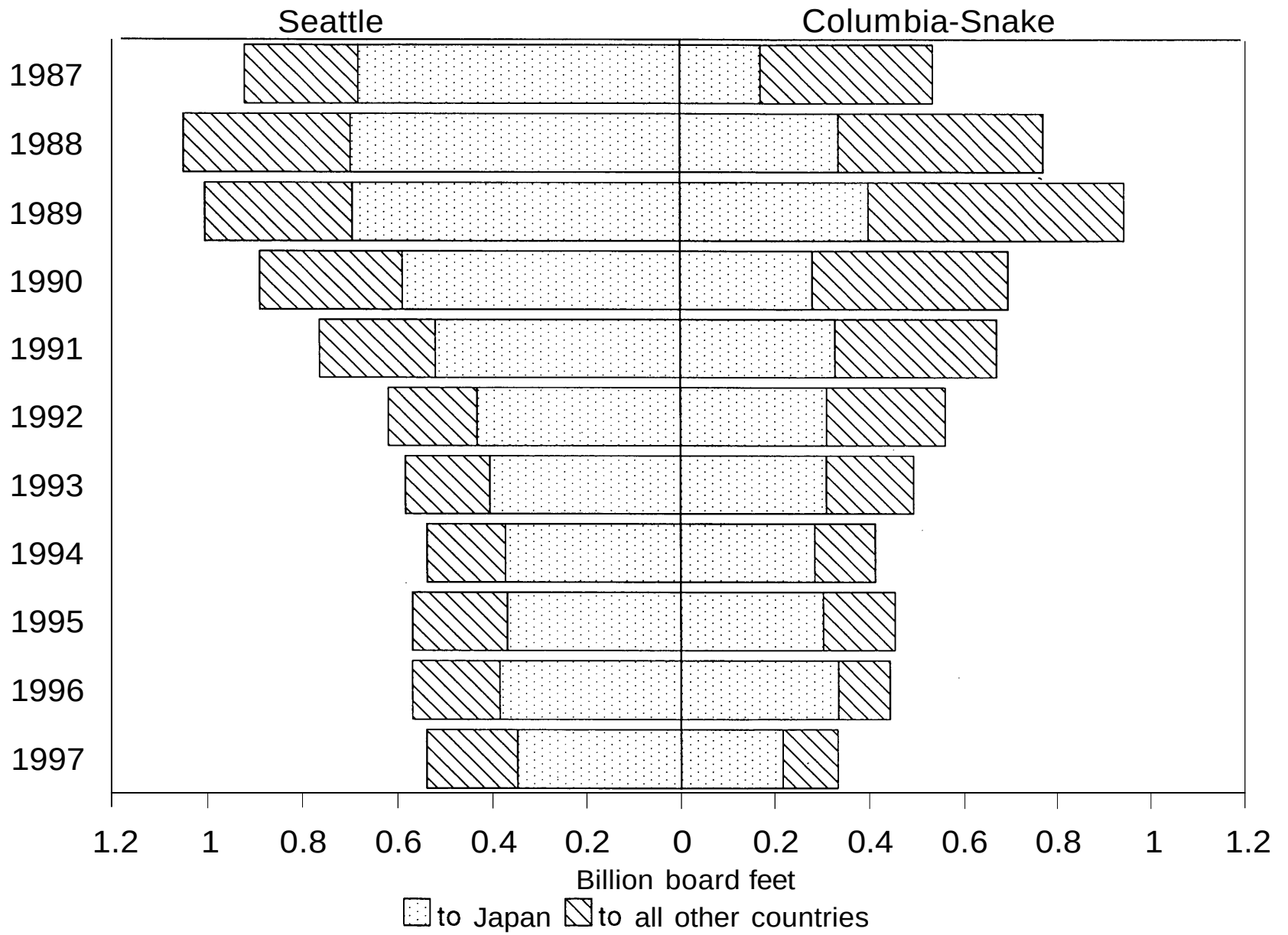

Table 51—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97[a]

(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							
1986	413,932	191,641	143,117	79,174	245,884	67,314	114,053	64,517	168,048	124,327	29,064	14,656
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	107,831	108,107	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	80,893	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	346,708	264,033	24,724	57,949
1996:												
1st qtr.	174,145	117,348	26,072	30,725	93,721	50,149	22,484	21,088	80,424	67,198	3,588	9,837
2d qtr.	185,367	129,784	26,551	29,032	98,935	58,658	22,979	17,298	86,432	71,126	3,572	11,734
3d qtr.	179,180	127,185	25,286	26,709	97,630	58,440	21,561	17,629	81,550	68,745	3,725	9,080
4th qtr.	202,054	143,434	32,930	25,690	100,301	56,654	28,332	15,315	101,753	86,780	4,598	10,375
1996 total	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
					TO JAPAN							
1986	222,302	44,466	133,059	44,777	165,304	26,505	104,771	34,028	56,999	17,961	28,288	10,749
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	73,016	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:												
1st qtr.	125,013	83,290	24,691	17,032	67,174	35,620	21,293	10,261	57,839	47,670	3,398	6,771
2d qtr.	135,256	94,478	25,136	15,642	71,409	42,118	21,594	7,897	83,847	52,360	3,542	7,945
3d qtr.	137,071	98,517	24,068	14,488	70,978	42,094	20,522	8,362	66,093	56,423	3,546	6,124
4th qtr.	155,593	107,783	32,011	15,799	77,018	40,925	27,615	8,478	78,575	66,858	4,396	7,321
1996 total	552,934	384,067	105,906	62,959	286,580	160,756	91,024	34,798	266,354	223,311	14,882	28,161
1QQ7:												
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

Table 51—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97[a] (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 softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods
TO CANADA												
1986	40,582	19,187	3,327	18,069	40,582	19,187	3,327	18,069	--	--	--	--
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	57,071	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	2,918	18,427	--	--	--	--
1996:												
1st qtr.	15,299	10,359	366	4,574	15,299	10,359	366	4,574	--	--	--	--
2d qtr.	16,164	11,233	489	4,462	16,164	11,233	469	4,462	--	--	--	--
3d qtr.	17,349	12,075	279	4,995	17,349	12,075	279	4,995	--	--	--	--
4th qtr.	14,805	10,254	292	4,259	14,805	10,254	292	4,259	--	--	--	--
1996 total	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		--	--	--
TO PEOPLE'S REPUBUC OF CHINA												
1986	1,077	655	407	16	407	--	407		670	655		16
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	1,878	120	--	60	60	1,816	--	--	1,816
1991	115	--		115	115	--	--	115	-	--		
1992	2,740	108	1,495	1,137	108	108	--		2,832	--	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:												
1st qtr.	50			50	50			50		--		
2d qtr.	110	4		106	110	4		106		--		
3d qtr.	43			43	43			43		--	--	--
4th qtr.	110	50		60	110	50		60		--	--	--
1996 total	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			48

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

[a] 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 52–Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97[a]

(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							
1986	359.46	412.71	316.20	337.53	329.03	348.17	320.86	325.01	415.74	458.75	299.18	406.41
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	739.80
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:												
1st qtr.	697.86	745.40	596.49	634.75	660.52	709.50	588.85	638.57	747.08	774.66	649.29	626.55
2d qtr.	721.99	774.09	629.69	618.78	678.02	740.11	630.52	572.46	779.88	804.55	624.37	702.59
3d qtr.	746.18	805.31	650.03	616.86	697.46	755.34	651.84	596.95	814.26	853.31	639.72	659.59
4th qtr.	763.43	830.38	686.01	584.79	716.14	788.27	695.88	557.46	816.58	860.37	630.90	630.43
1996 average	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.	708.23	805.22	676.08	618.81	669.69	765.03	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	573.82	763.69	857.46	546.54	636.06
					TO JAPAN							
1986	330.61	343.67	313.43	377.88	332.26	339.32	317.73	379.56	325.89	350.29	298.45	372.66
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	786.85	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:												
1st qtr.	753.07	828.51	637.63	636.69	735.49	855.45	638.85	627.09	774.57	809.46	630.08	651.81
2d qtr.	752.93	842.03	645.80	548.46	727.70	861.45	649.72	481.00	783.31	827.02	623.59	634.71
3d qtr.	775.31	851.89	666.43	578.61	752.64	857.50	674.67	565.06	801.22	847.75	622.48	598.18
4th qtr.	796.97	882.14	701.27	576.81	770.47	896.00	714.25	542.59	824.79	873.87	629.44	621.74
1996 average	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

Table 52—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1986-97' (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							
1986	268.74	324.25	334.44	220.66	268.74	324.25	334.44	220.66	--	--	--	--
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	422.18				
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:												
1st qtr.	432.60	430.41	475.32	434.50	432.60	430.41	475.32	434.50	--	--	--	--
2d qtr.	476.48	490.05	357.62	460.45	476.48	490.05	357.62	460.45	--	--	--	--
3d qtr.	532.24	545.65	475.78	505.57	532.24	545.65	475.78	505.57	--	--	--	--
4th qtr.	495.12	501.12	475.57	482.55	495.12	501.12	475.57	482.55	--	--	--	--
1996 average	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	--	--	--	--
					TO PEOPLE'S REPUBUC OF CHINA							
1986	203.90	216.46	186.87	205.13	186.87	-	186.87	--	215.85	216.46		205.13
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:												
1st qtr.	786.66	--	--	786.66	786.66		-	786.66	--	--	--	--
2d qtr.	436.51	214.59	--	454.23	436.51	214.59	--	454.23	--	--	--	--
3d qtr.	405.66	--	--	405.66	405.66		--	405.66	--	--	--	--
4th qtr.	14 18.62	1,250.00	-	1,598.30	1,418.62	1,250.00	--	1,598.30	--	--	--	--
1996 average	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

[a] 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 53—Volume and average value of softwood lumber exports from southern California ports by species and destination, 1986-97[a]

(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			
1986	118,473	254.78	2,523	332.94	115,950	253.08
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	5,7 10	426.44	67,543	557.26
1996:						
1st quarter	18,566	419.80	952	513.86	17,614	414.73
2d quarter	20,451	399.49	1,210	489.26	19,241	393.85
3d quarter	20,185	450.14	1,026	672.34	19,158	438.24
4th quarter	24,752	442.43	1,940	709.79	22,812	419.70
1996 total and average value	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
			TO JAPAN			
1986	167	508.98	0		167	508.98
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	482.1 2
1996:						
1st quarter	1,502	394.14	95	947.37	1,407	356.79
2d quarter	1,658	358.95	94	851.06	1,564	329.36
3d quarter	362	820.76	52	851.23	310	815.68
4th quarter	2,705	564.14	310	1,780.65	2,395	406.68
1996 total and average value	6,227	483.24	551	1,392.39	5,676	395.01
1997:						
1st quarter	2,957	691.53	187	1,850.27	2,770	613.31
2d quarter	3,712	410.04	218	1,411.42	3,494	347.49
3d quarter	3,352	427.71	245	1,563.23	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	1,474.77	10,726	438.40

[a] 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 54—Volume and average value of softwood lumber exports from northern California ports by species and destination, 1986-97"

(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					
1986	43,281	448.49	16,795	497.29	4,914	407.20	21,572	419.90
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	1,081.01
1996	29,954	712.10	4,732	900.43	2,610	451.38	22,603	702.99
1997:								
1st quarter	8,933	851.67	764	1,439.79	396	656.23	7,773	803.83
2d quarter	5,531	1,008.25	474	1,999.03	531	536.79	4,527	959.86
3d quarter	7,555	920.52	232	1,025.01	82	349.49	7,241	923.66
4th quarter	7,822	785.16	0	--	47	882.76	7,775	784.56
1997 total and average value	29,841	880.67	1,470	1,554.24	1,057	583.23	27,314	857.75
			TO JAPAN					
1986	23,651	370.77	226	358.41	4,877	408.04	18,548	361.06
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	273.08
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	16,670	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:								
1st quarter	6,674	711.90	344	1,024.33	396	656.23	5,934	697.52
2d quarter	2,965	995.53	321	1,612.75	531	536.79	2,113	1,016.97
3d quarter	3,164	1,052.85	117	1,084.97	82	349.49	2,965	1,071.08
4th quarter	4,954	738.08	0		47	882.76	4,906	738.68
1997 total and average value	18,757	783.18	782	1,276	1,057	583.23	15,919	857.31
			TO PEOPLE'S REPUBLIC OF CHINA					
1986	*0*		0	--	0	--	*0*	--
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:								
1st quarter	0		0		*0*	--	*0*	--
2d quarter	0		0	--	*0*	--	0	--
3d quarter	14	2,212.43	*0*		*0*	--	14	2,212.43
4th quarter	17	2,550.39	*0*		*0*	--	17	2,550.39
1997 total and average value	31	2,393.05	0		0		31	2,393.05

[a] 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, 1987-97

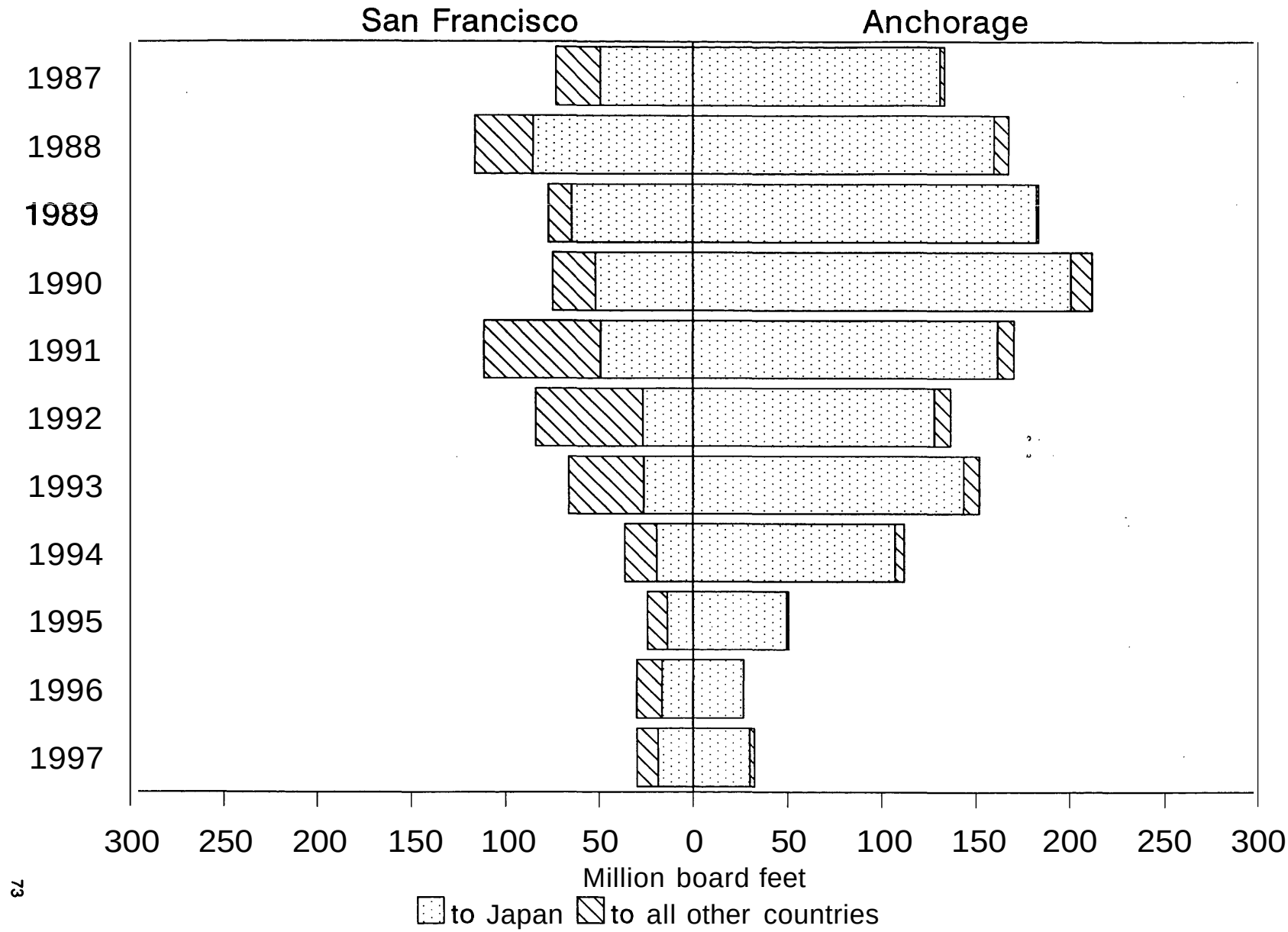

Table 55—Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1986-97

(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	Vdume	Average value
TO ALL COUNTRIES										
1986	119,981	274.28	72,894	233.89	43,162	338.75	918	343.14	3,007	306.62
1987	133,144	292.11	80,253	241.19	49,085	374.07	10	300.00	3,798	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:										
1st quarter	10,711	493.49	6,597	535.66	3,770	437.94	*0*	--	344	293.60
2d quarter	3,738	443.05	2,398	570.89	1,189	213.62	*0*		151	218.98
3d quarter	9,873	746.04	5,240	490.82	4,633	1,002.42	*0*	--	0	-
4th quarter	8,442	631.75	4,289	413.38	3,501	926.32	84	100.11	568	543.75
1997 total and average value	32,764	599.48	18,524	499.05	13,093	759.35	84	100.11	1,063	420.12
TO JAPAN										
1986	118,942	273.53	72,894	233.89	43,141	338.31	0	--	2,907	306.16
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:										
1st quarter	10,364	499.98	6,594	535.45	3,770	437.94	*0*		0	
2d quarter	3,701	445.25	2,398	570.89	1,189	213.62	*0*		114	218.78
3d quarter	8,914	785.34	4,625	503.25	4,289	1,089.59	*0*		0	
4th quarter	7,259	702.14	3,747	443.69	2,999	1,045.13	*0*	--	513	585.07
1997 total and average value	30,238	625.83	17,364	511.95	12,246	783.07	*0*	--	627	518.20
TO SOUTH KOREA										
1986	918	343.14	0	-	0	--	918	343.14	0	
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	5,498	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:										
1st quarter	344	294.66	0	--	0	--	0	--	344	294.66
2d quarter	36	246.98	0	--	0	--	0		36	246.98
3d quarter	*0*	--	0	--	*0*	--	0		0	
4th quarter	*0*	--	*0*	--	*0*	--	*0*		*0*	
1997 total and average value	380	289.49	0	--	0	--	0		380	289.49

Source: U.S. Department of Commerce.

Table 56—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1997

(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	2,988	800.24	2,988	800.24	0	--	0	--	0	--
Other firs	2,231	699.84	2,231	699.84	0	--	0	--	0	--
Cedars	227	589.56	0	--	0	--	227	589.56	0	--
Hemlock	8,245	687.82	8,245	687.82	0	--	0	--	0	--
Other softwoods	33,807	667.58	33,807	667.58	0	--	0	--	0	--
All softwoods	47,498	680.58	47,271	681.02	0	--	227	589.56	0	--
Anacortes:										
Pines	27	647.95	0	--	0	--	0	--	27	647.95
Everett:										
Douglas-fir	336	942.81	336	942.81	0	--	0	--	0	--
Hemlock	304	786.95	304	786.95	0	--	0	--	0	--
Pines	39	1,077.39	39	1,077.39	0	--	0		0	--
All softwoods	680	880.76	680	880.76	0	--	0	--	0	--
Port Angeles:										
Hemlock	434	238.53	0	--	0	--	434	238.53	0	--
Seattle:										
Douglas-fir	63,617	986.52	58,692	1,011.01	0	--	292	924.46	136	444.54
Other firs	17,961	571.69	17,411	558.85	0		258	996.69	0	--
Cedars	922	1,071.71	531	909.20	0	--	186	826.98	0	--
Hemlock	39,383	722.69	34,245	803.51	0	--	63	440.97	64	310.25
Spruce	24,131	639.85	11,942	376.54	0		11,817	918.59	0	--
Pines	2,926	640.85	1,273	780.42	0	--	15	393.33	0	--
Redwood	286	1,595.40	192	1,566.06	0		28	851.03	0	--
Other softwoods	29,593	648.64	27,100	672.89	164	696.74	1,829	248.76	0	--
All softwoods	178,818	779.81	151,388	799.90	164	696.74	14,488	831.60	200	401.38
Red alder	13,981	890.48	4,391	1,133.11	1,256	741.83	4,184	616.90	0	--
All hardwoods	46,415	1,233.08	21,561	1,391.50	1,918	974.97	13,012	1,219.11	0	--
Tacoma:										
Douglas-fir	44,231	857.29	38,040	836.88	0	--	158	1,547.25	0	--
Other firs	11,199	532.34	10,994	524.94	0		91	1,245.37	0	--
Cedars	531	723.45	260	906.60	0	--	0	--	0	--
Hemlock	7,838	742.20	7,358	771.93	0	--	0	--	0	--
Spruce	1,588	553.72	1,315	460.18	0	--	15	1,425.78	0	--
Pines	2,233	657.37	1,680	649.39	0	--	0		0	--
Redwood	163	1,514.75	163	1,514.75	0	--	0		0	--
Other softwoods	26,361	674.53	25,280	670.45	54	825.57	0	--	0	--
All softwoods	94,143	748.40	85,089	733.50	54	825.57	264	1,436.73	0	--
Red alder	18,209	993.12	5,439	1,230.31	556	1,247.02	487	928.39	0	--
All hardwoods	29,722	1,116.66	12,757	1,375.90	722	1,223.09	620	1,040.16	0	--

Table 56–Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1997 (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:[a]										
Douglas-fir	89,915	555.35	8,125	736.32	0	--	0	-	78,088	526.55
Other firs	13,480	523.16	10,906	520.06	0	--	0	--	1,845	540.89
Cedars	25,322	640.44	1,989	649.79	0	--	0	-	22,750	640.28
Hemlock	7,017	683.95	2,063	621.25	0	--	0	--	3,972	677.95
Spruce	2,353	318.70	1,679	286.90	0	--	0	--	632	293.25
Pines	10,526	744.30	59	455.73	0	--	0	-	10,200	747.17
Redwood	546	836.08	0	--	0	--	0	--	80	807.40
Other softwoods	18,595	414.37	2,028	459.15	0	--	0	--	13,349	445.50
All softwoods	167,753	564.81	26,850	583.57	0	--	0	--	130,915	559.08
Red alder	15,105	1,380.69	18	1,596.13	0	--	36	953.30	684	810.35
All hardwoods	33,889	1,065.80	483	1,156.60	0	--	36	953.30	17,939	781.03
Total:										
Douglas-fir	201,086	762.46	108,183	923.12	0	--	451	1,143.38	78,224	526.41
Other firs	44,871	553.66	41,542	547.26	0	--	348	1,061.43	1,845	540.89
Cedars	27,002	656.38	2,780	723.37	0	--	412	696.44	22,750	640.28
Hemlock	63,221	713.25	52,216	773.50	0	--	497	264.09	4,036	672.08
Spruce	28,072	608.06	14,935	373.83	0	--	11,832	919.22	632	293.25
Pines	15,750	713.42	3,051	705.81	0	--	15	393.33	10,226	746.91
Redwood	994	1,165.31	355	1,542.55	0	--	28	851.03	80	807.40
Other softwoods	108,356	620.64	88,216	665.24	217	728.63	1,829	248.76	13,349	445.50
All softwoods	489,353	690.08	311,277	745.21	217	728.63	15,413	821.71	131,142	558.86
Red alder	47,294	1,086.56	9,848	1,187.65	1,811	896.87	4,707	651.72	684	810.35
All hardwoods	110,026	1,150.11	34,802	1,382.52	2,640	1,042.84	13,669	1,210.28	17,939	781.03

[a] Bellingham, Blaine, Boundary, Danville, Frontier, Kenmore Air Harbor, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 57–Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1997

(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	281	719.54	281	719.54	0	--	0	--	0	--
Other softwoods	7,161	584.36	7,161	584.36	0	--	0	--	0	--
All softwoods	7,442	589.47	7,442	589.47	0	--	0	--	0	--
Everett:										
Hemlock	27	421.11	27	421.11	0	--	0	--	0	--
Port Angeles:										
Hemlock	434	238.53	0		0		434	238.53	0	--
Seattle:										
Douglas-fir	7,614	1,013.83	6,723	1,069.50	0	--	140	1,101.08	0	
Other firs	1,022	837.92	97	818.33	0	--	0	--	0	--
Cedars	183	1,214.89	168	1,072.94	0	--	5	2,194.16	0	--
Hemlock	4,478	824.20	4,050	884.61	0	--	0	--	0	--
Spruce	4,027	854.56	2,199	435.22	0	--	1,767	1,399.06	0	--
Pines	406	476.82	46	706.62	0	--	0	--	0	
Redwood	34	2,651.36	34	2,651.36	0		0		0	--
Other softwoods	8,254	621.51	7,846	641.60	0	--	406	223.85	0	
All softwoods	26,019	820.38	22,045	810.56	0	--	2,317	1,176.60	0	--
Red alder	2,924	845.73	560	1,158.03	533	672.36	615	615.91	0	--
All hardwoods	8,896	1,288.57	3,673	1,551.58	816	971.20	1,814	1,274.98	0	--
Tacoma:										
Douglas-fir	5,390	832.56	4,724	808.73	0		0	--	0	--
Other firs	814	624.71	692	616.36	0	--	21	1,818.26	0	--
Cedars	139	759.45	97	886.45	0		0	--	0	--
Hemlock	1,428	712.92	1,183	792.86	0	--	0	--	0	
Spruce	377	302.39	377	302.39	0	--	0	--	0	--
Pines	128	706.68	101	400.43	0	--	0	--	19	1,463.84
Redwood	43	3,946.71	43	3,946.7	0	--	0		0	--
Other softwoods	3,379	748.96	3,314	749.52	0	--	0		0	--
All softwoods	11,697	771.40	10,531	767.10	0	--	21	1,818.26	19	1,463.84
Red alder	3,373	1,054.54	1,609	1,284.68	37	862.69	54	924.00	0	
All hardwoods	5,734	1,098.51	2,968	1,309.23	119	940.80	134	1,245.29	0	--

Table 57—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1997 (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:[a]										
Douglas-fir	18,622	469.69	159	645.09	0	--	0	--	17,909	458.50
Other firs	1,064	599.45	381	635.20	0	--	0	--	440	514.38
Cedars	5,861	689.92	103	869.90	0	--	0	--	5,614	690.92
Hemlock	1,974	740.31	494	599.51	0	--	0	--	1,278	743.18
Spruce	875	284.11	639	271.63	0	--	0	--	236	317.81
Pines	2,449	812.22	0	--	0	--	0	--	2,419	801.56
Redwood	77	1,031.88	0	--	0	--	0	--	14	740.21
Other softwoods	3,220	430.98	242	219.74	0	--	0	--	2,907	452.87
All softwoods	34,143	544.62	2,017	474.28	0	--	0	--	30,817	538.88
Red alder	3,649	1,376.67	0	--	0	--	0	--	89	714.10
All hardwoods	8,725	984.88	59	985.07	0	--	0	--	4,942	681.52
Total:										
Douglas-fir	31,908	663.04	11,888	951.90	0	--	140	1,101.08	17,909	458.50
Other firs	2,900	690.56	2,051	716.27	0	--	21	1,818.26	440	514.38
Cedars	6,184	707.06	367	967.22	0	--	5	2,194.16	5,614	690.92
Hemlock	8,341	753.52	5,754	839.08	0	--	434	238.53	1,278	743.18
Spruce	5,279	720.57	3,214	387.14	0	--	1,767	1,399.06	236	317.81
Pines	2,983	762.05	147	496.00	0	--	0	--	2,438	806.62
Redwood	154	2,201.04	77	3,370.21	0	--	0	--	14	740.21
Other softwoods	22,014	601.12	18,563	633.30	0	--	406	223.85	2,907	452.87
All softwoods	79,763	670.31	42,061	744.19	0	--	2,772	1,034.57	30,836	539.44
Red alder	9,946	1,111.35	2,169	1,251.99	570	684.81	669	640.88	89	714.10
All hardwoods	23,355	1,128.46	6,700	1,439.24	935	967.31	1,947	1,272.94	4,942	681.52

[a] Bellingham, Blaine, Frontier, Laurier, Lynden, Metaline Falls, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 58—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1997

(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	80,465	711.99	35,241	785.35	0	--	0	--	0	--
Other firs	6,729	726.79	4,636	717.89	0	--	0	--	0	--
Cedars	678	1,012.38	120	588.12	0	--	0		0	--
Hemlock	302	570.72	89	368.94	0	--	0	--	0	--
Spruce	48	512.12	30	695.73	0	--	0		0	--
Pines	24	463.88	0	--	0	--	0		0	--
Redwood	234	1,092.92	22	3,017.64	0	--	23	858.18	0	--
Other softwoods	1,167	430.36	23	546.40	0	--	0	--	0	--
All softwoods	89,649	712.05	40,161	777.10	0	--	23	858.18	0	--
Red alder	62	1,022.88	0	--	0	--	0	--	19	633.50
All hardwoods	1,092	1,436.81	0	--	0	--	0	--	19	633.50
Longview (Washington):										
Douglas-fir	43,978	889.32	26,651	722.65	0	--	0	--	0	--
Other firs	19,535	500.03	18,461	481.59	0	--	0	--	0	--
Cedars	257	823.38	9	3,674.73	0	--	0		0	--
Hemlock	2,144	679.08	1,271	690.09	0	--	0		0	--
Spruce	328	349.69	46	657.41	0	--	0	--	0	--
Pines	1,459	781.09	214	405.57	0	--	0		0	--
Redwood	38	2,183.31	38	2,183.31	0	--	0	--	0	--
Other softwoods	14,587	576.21	13,487	559.07	0	--	0	--	0	--
All softwoods	82,327	732.32	60,177	611.55	0	--	0	--	0	--
Red alder	1,215	1,505.97	33	1,308.14	0	--	33	1,435.16	25	751.94
All hardwoods	3,632	1,390.67	615	1,047.90	0	--	33	1,435.16	25	751.94
Portland:										
Douglas-fir	72,814	998.96	47,911	1,019.14	0	--	328	1,493.54	115	645.70
Other firs	22,387	670.40	20,326	650.65	0	--	153	774.16	0	
Cedars	2,466	752.99	2,024	725.61	0	--	58	586.39	81	1,211.67
Hemlock	11,415	521.03	10,338	534.11	0	--	393	348.72	0	--
Spruce	1,367	602.79	532	893.76	0	--	835	417.43	0	
Pines	9,971	718.79	6,897	750.85	16	479.65	281	1,037.77	114	505.38
Redwood	2,014	1,559.47	1,551	1,616.98	0	--	199	1,217.16	244	1,477.67
Other softwoods	24,660	612.70	21,912	630.51	0	--	814	230.17	81	715.31
All softwoods	147,093	827.99	111,490	816.40	16	479.65	3,060	603.96	635	1,021.10
Red alder	18,084	1,210.01	5,142	1,376.69	239	1,921.32	626	1,289.71	4,638	929.52
All hardwoods	27,390	1,208.83	8,206	1,349.31	744	1,677.32	1,039	1,332.90	6,050	911.35
Total:										
Douglas-fir	197,258	857.45	109,803	872.14	0	--	328	1,493.54	115	645.70
Other firs	48,651	609.79	43,422	585.95	0	--	153	774.16	0	--
Cedars	3,401	810.04	2,153	730.72	0	--	58	586.39	81	1,211.67
Hemlock	13,861	546.56	11,698	549.81	0	--	393	348.72	0	--
Spruce	1,743	552.60	608	866.15	0	--	835	417.43	0	--
Pines	11,454	726.19	7,111	740.44	16	479.65	281	1,037.77	114	505.38
Redwood	2,286	1,522.06	1,611	1,649.90	0	--	222	1,179.55	244	1,477.67
Other softwoods	40,414	594.26	35,422	603.25	0	--	814	230.17	81	715.31
All softwoods	319,069	770.73	211,828	750.75	16	479.65	3,083	605.88	635	1,021.10
Red alder	19,361	1,227.98	5,175	1,376.26	239	1,921.32	658	1,296.92	4,681	927.41
All hardwoods	32,114	1,237.15	8,821	1,328.28	744	1,677.32	1,071	1,336.02	6,093	909.85

Source: U.S. Department of Commerce.

Table 59—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1997

(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	14,291	605.11	5,976	608.73	0	--	0	--	0	--
Other firs	267	393.41	59	566.06	0		0	--	0	--
Cedars	220	862.06	0	--	0	--	0	--	0	--
Hemlock	13	854.24	0	--	0	--	0	--	0	--
Redwood	6	2,460.57	0	--	0	--	0	--	0	--
Other softwoods	681	345.71	0	--	0	--	0	--	0	--
All softwoods	15,478	594.57	6,035	608.31	0	--	0	--	0	--
Red alder	19	633.50	0	--	0	--	0	--	19	633.50
All hardwoods	901	1,459.72	0	--	0	--	0	--	19	633.50
Longview (Washington):										
Douglas-fir	4,746	1,102.99	531	843.14	0	--	0	--	0	--
Other firs	1,116	455.54	671	472.09	0	--	0	--	0	--
Cedars	117	588.03	0	--	0	--	0	--	0	--
Hemlock	445	482.39	174	558.34	0	--	0	--	0	--
Pines	462	582.19	0	--	0		0	--	0	--
Redwood	10	3,250.75	10	3,250.75	0	--	0	--	0	--
Other softwoods	985	756.82	801	595.44	0	--	0	--	0	--
All softwoods	7,881	897.47	2,186	626.59	0	--	0	--	0	--
Red alder	101	1,441.96	0	--	0	--	0	--	0	--
All hardwoods	1,033	1,256.41	363	987.06	0	--	0	--	0	--
Portland:										
Douglas-fir	14,343	957.11	9,275	814.93	0		74	1,406.51	0	--
Other firs	8,381	553.64	7,961	552.31	0		0	--	0	--
Cedars	464	636.77	358	679.06	0	--	0	--	21	577.96
Hemlock	2,569	517.41	2,486	523.18	0	--	83	345.85	0	--
Spruce	158	354.32	158	354.32	0	--	0	--	0	--
Pines	2,666	685.70	1,375	801.52	0	--	88	1,277.48	0	--
Redwood	413	1,480.98	322	1,474.54	0	--	61	1,606.93	30	1,296.34
Other softwoods	3,190	612.92	2,503	670.64	0	--	484	242.40	0	--
All softwoods	32,185	759.48	24,439	687.90	0		789	581.81	51	1,003.00
Red alder	5,104	1,184.77	1,795	1,366.85	26	1,287.40	61	1,230.28	1,232	860.41
All hardwoods	7,131	1,247.49	2,429	1,501.45	147	1,311.48	272	1,177.38	1,380	880.96
Total:										
Douglas-fir	33,380	827.15	15,782	737.80	0	--	74	1,406.51	0	--
Other firs	9,765	538.04	8,691	546.21	0	--	0		0	--
Cedars	800	691.60	358	679.06	0		0		21	577.96
Hemlock	3,028	513.73	2,660	525.47	0	--	83	345.85	0	--
Spruce	158	354.32	158	354.32	0		0		0	--
Pines	3,128	670.40	1,375	801.52	0	--	88	1,277.48	0	--
Redwood	428	1,533.84	332	1,526.65	0	--	61	1,606.93	30	1,296.34
Other softwoods	4,856	604.67	3,304	652.40	0	--	484	242.40	0	--
All softwoods	55,543	733.11	32,661	669.09	0	--	789	581.81	51	1,003.00
Red alder	5,223	1,187.77	1,795	1,366.85	26	1,287.40	61	1,230.28	1,251	857.03
All hardwoods	9,066	1,269.59	2,792	1,434.62	147	1,311.48	272	1,177.38	1,399	877.66

Source: U.S. Department of Commerce.

Table 60—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1997

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

Port and species	Destination: All countries Volume	All countries Average value[1]	Japan Volume	Japan Average value	People's Republic of China Volume	People's Republic of China Average value	Korea Volume	Korea Average value	Taiwan Volume	Taiwan Average value
Oakland:										
Douglas-fir	1,355	1,604.65	702	1,276.29	0	--	0	--	0	--
Other firs	1,371	792.18	344	2,157.93	0	--	952	322.92	0	--
Cedars	5,922	1,000.68	3,574	1,189.92	31	2,392.88	192	1,371.89	228	749.79
Hemlock	1,057	583.16	1,057	583.16	0	--	0	--	0	--
Spruce	303	313.88	12	3,096.66	0	--	0		0	--
Pines	699	1,782.19	517	2,217.31	0	--	94	627.92	20	294.50
Redwood	11,194	1,098.53	7,638	698.83	0	--	0	--	28	642.65
Other softwoods	6,967	328.28	3,344	391.05	0	--	3,490	249.25	100	1,025.79
All softwoods	28,868	891.21	17,269	836.14	31	2,392.88	4,729	317.22	375	791.61
Red alder	90	1,537.69	0	--	0	--	0	--	0	--
All hardwoods	3,106	1,046.28	1,452	1,288.50	48	1,663.51	546	392.32	124	683.59
San Francisco:										
Redwood	29	2,017.97	29	2,017.97	0	--	0	--	0	--
All hardwoods	59	1,503.57	0	--	0	--	23	1,847.58	0	--
Other ports:[1]										
Douglas-fir	115	963.64	0	-	0		0	--	0	--
Cedars	234	590.46	0	--	0		0	--	0	--
Redwood	18	790.69	0	-	0	-	0	--	0	--
All softwoods	367	717.34	0		0	--	0	--	0	--
All hardwoods	86	1,656.53	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	1,469	1,554.56	782	1,276.29	0	--	0	--	0	--
Other firs	1,371	792.18	344	2,157.93	0	--	952	322.92	0	--
Cedars	6,156	985.06	3,574	1,189.92	31	2,392.88	192	1,371.89	228	749.79
Hemlock	1,057	583.16	1,057	583.16	0		0	--	0	--
Spruce	303	313.88	12	3,096.66	0	--	0	--	0	--
Pines	699	1,782.19	517	2,217.31	0	--	94	627.92	20	294.50
Redwood	11,241	1,100.45	7,667	703.86	0	--	0	--	28	642.65
Other softwoods	6,967	320.28	3,344	391.05	0	--	3,490	249.25	100	1,025.79
All softwoods	29,264	890.16	17,298	838.14	31	2,392.88	4,729	317.22	375	791.61
Red alder	90	1,537.69	0	--	0		0		0	--
All hardwoods	3,252	1,070.79	1,452	1,288.50	48	1,663.51	569	451.87	124	683.59

[a] Richmond.

Source: US. Department of Commerce.

Table 61–Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, fourth quarter 1997

(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:										
Cedars	1,935	1,084.18	1,049	1,431.71	17	2,551.10	138	866.35	0	--
Hemlock	47	882.81	47	882.81	0	--	0	--	0	
Pines	190	1,285.04	123	1,715.74	0	--	0	--	0	--
Redwood	2,962	1,038.45	2,170	694.27	0	--	0	--	0	--
Other softwoods	2,646	248.92	1,533	247.75	0	--	1,098	239.47	15	1,069.42
All softwoods	7,780	786.41	4,922	739.74	17	2,551.10	1,236	309.32	15	1,069.42
Red alder	90	1,537.69	0	--	0	--	0	--	0	
All hardwoods	1,577	1,131.01	690	1,347.27	16	1,594.55	546	392.32	22	490.34
Other:[a]										
All hardwoods	8	1,444.32	0	--	0	--	0	--	0	--
Total:										
Cedars	1,935	1,084.18	1,049	1,431.71	17	2,551.10	138	866.35	0	--
Hemlock	47	882.81	47	882.81	0	--	0	--	0	--
Pines	190	1,285.04	123	1,715.74	0	--	0	--	0	
Redwood	2,962	1,038.45	2,170	694.27	0	--	0	--	0	--
Other softwoods	2,646	248.92	1,533	247.75	0	--	1,098	239.47	15	1,069.42
All softwoods	7,780	786.41	4,922	739.74	17	2,551.10	1,236	309.32	15	1,069.42
Red alder	90	1,537.69	0		0	--	0	--	0	
All hardwoods	1,585	1,132.60	690	1,347.27	16	1,594.55	546	392.32	22	490.34

[a] Richmond.

Source: U.S. Department of Commerce.

Table 62–Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, 1997

(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	84	100.10	0	--	0	--	0	--	0	--
Hemlock	18,521	499.12	17,365	511.93	0	--	0	--	0	--
Spruce	13,053	759.84	12,206	793.70	0	--	0	--	0	--
Pines	902	386.07	558	442.47	0	--	344	294.60	0	--
Other softwoods	24	365.42	0	--	0	--	0		0	--
All softwoods	32,584	599.30	30,129	624.80	0	--	344	294.60	0	--
Skagway:										
Hemlock	3	1,060.65	0	--	0	--	0	--	3	1,060.65
Total:										
Cedars	84	100.10	0	--	0	--	0	--	0	--
Hemlock	18,524	499.21	17,365	511.93	0	--	0	--	3	1,060.65
Spruce	13,053	759.84	12,206	793.70	0	--	0	--	0	--
Pines	902	386.07	558	442.47	0	--	344	294.60	0	--
Other softwoods	24	365.42	0	--	0	--	0	--	0	--
All softwoods	32,587	599.34	30,129	624.80	0	--	344	294.60	3	1,060.65

Source: U.S. Department of Commercs.

Table 63–Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, fourth quarter 1997

(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	84	100.10	0	--	0	--	0	--	0	--
Hemlock	4,289	413.38	3,747	443.68	0	--	0	--	0	--
Spruce	3,501	926.32	2,999	1,045.13	0	--	0	--	0	--
Pines	444	500.79	444	500.79	0	--	0	--	0	--
Other softwoods	24	365.42	0	--	0	--	0	--	0	--
All softwoods	8,342	630.02	7,189	698.07	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 64—Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1986-97[a]

(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
1986	34,429	245.35	8,210	284.90	752	355.05	25,467	229.36
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:								
1st quarter	2,613	545.32	1,398	594.29	267	630.32	948	449.22
2d quarter	4,572	564.57	1,347	639.39	354	564.65	2,871	529.47
3d quarter	3,021	638.49	841	901.65	231	588.92	1,950	530.88
4th quarter	2,598	637.03	989	835.19	219	461.19	1,390	523.74
1996 total	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

[a] Great Falls Customs District includes all ports in Montana and Idaho.

Source: U.S. Department of Commerce.

Table 65—Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1986-97

(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								
1986	60,331	529.86	3,699	630.98	111	504.50	8,966	553.87
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	22,106	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	1,196.18	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	1,386.24
1997:								
1st quarter	R26,770	R1,196.60	R8,558	R1,207.47	*0*		R976	R733.43
2d quarter	R31,033	R1,196.60	R7,425	R1,279.45	0	--	113	1,685.74
3d quarter	26,708	1,120.11	8,123	1,312.17	*0*		487	1,624.34
4th quarter	22,811	1,152.94	9,066	1,269.60	*0*		1,133	1,509.87
1997 total	107,322	1,174.36	31,172	1,269.97	0		2,709	1,257.86
TO JAPAN								
1986	30,531	667.65	2.810	683.27	111	504.50	3,695	391.88
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	42,857	791.89	9,203	665.98	25	760.00	8,041	1,053.97
1990	40,970	1,040.32	4,581	997.38	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:								
1st quarter	R8,616	R1,401.90	R1,583	R1,405.67	*0*		R267	R871.57
2d quarter	R10,339	R1,364.56	1,816	1,358.96	*0*		64	R1,568.59
3d quarter	8,975	1,362.84	2,001	1,450.90	*0*		299	R1,953.98
4th quarter	6,700	1,439.24	2,792	1,434.60	*0*		690	1,347.33
1997 total	34,630	1,387.85	8,192	1,416.19	*0*		1,319	1,399.16
TO PEOPLE'S REPUBLIC OF CHINA								
1986	0		0		*0*		0	
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:								
1st quarter	409	1,345.07	80	2,085.41	*0*		R53	R894.76
2d quarter	618	1,094.21	144	2,069.35	*0*		0	
3d quarter	678	917.93	372	1,581.10	*0*		21	2,041.81
4th quarter	935	967.49	147	1,311.55	*0*		16	1,594.72
1997 total	2,640	1,042.77	743	1,677.76	0		90	1,283.48

R = revised.

Source: U.S. Department of Commerce.

Table 66—Volume of lumber exports from British Columbia ports by species and destination, 1987-97

(In thousand board feet)

Year	Total, all species	Douglas-fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
			TO ALL COUNTRIES				
1987	7,431,323	669,643	2,745,288	925,916	221,803	3,133,596	5,077
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
			TO JAPAN				
1987	1,333,078	112,615	731,908	122,113	113,364	250,898	2,180
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
			TO UNITED STATES'				
1987	4,680,711	340,153	1,162,424	711,127	96,371	2,368,393	2,243
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
			TO PEOPLE'S REPUBLIC OF CHINA				
1987	31,896	39	31,774	60	0	0	23
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

NA = not available.

[a] Figures do not include shipments of railroad crossties.

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

Table 67—Average value of lumber exports from British Columbia ports by species and destination, 1987-97

(In Canadian dollars per thousand board feet)

Year	Total, all species	Douglas-fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
			TO ALL COUNTRIES				
1987	384.55	426.51	399.03	641.44	592.85	272.97	709.72
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
			TO JAPAN				
1987	617.78	746.66	542.06	1,138.30	832.39	428.13	891.27
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
			TO UNITED STATES[a]				
1987	298.52	277.19	291.64	490.71	291.06	247.36	498.03
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
			TO PEOPLE'S REPUBLIC OF CHINA				
1987	309.90	1,460.00	306.96	1,076.53			418.57
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

NA = not available.

[a] Figures do not include shipments of railroad crossties.

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

Table 68—Volume of all species of softwood lumber imports into the Seattle Customs District, 1989-97

(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:							
1st quarter	1,042,383	1,037,759	4,175	0	103	53	0
2d quarter	928,037	922,680	4,565	0	28	25	0
3d quarter	1,001,875	996,828	4,881	0	56	6	0
4th quarter	831,128	826,399	4,634	0	44	0	0
1996 total	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

Source: U.S. Department of Commerce.

Table 69—Average value of all species of softwood lumber imports into the Seattle Customs District, 1989-97

(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:							
1st quarter	322.64	320.37	759.28	--	1,072.75	1,018.87	--
2d quarter	366.77	364.30	813.17	--	1,464.29	800.00	--
3d quarter	400.86	398.33	892.04	--	1,626.97	842.86	--
4th quarter	424.78	421.79	933.53	--	1,604.03		
1996 average	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	

Source: U.S. Department of Commerce.

Table 70—Volume of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-97

(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:								
1st quarter	7,458	2,339	0	110	0	4,906	0	0
2d quarter	10,721	2,720	0	258	0	6,222	0	0
3d quarter	14,056	2,026	0	51	0	10,548	0	0
4th quarter	11,203	2,274	0	240	0	8,294	0	0
1996 total	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

Source: U.S. Department of Commerce.

Table 71—Average value of all species of softwood lumber imports into the Columbia-Snake Customs District, 1989-97

(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:								
1st quarter	846.82	830.98	–	1,977.22	--	827.44	--	--
2d quarter	693.86	778.45	--	1,984.50	--	640.47	--	--
3d quarter	627.16	849.84	--	468.10		585.71	--	--
4th quarter	864.54	912.16	–	1,365.24	–	849.36		--
1996 average	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	--	

Source: U.S. Department of Commerce.

Table 72—Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1986-97

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

Year and quarter	From both customs districts: Softwood 3/8-inch basis Volume	Softwood 3/8-inch basis Average value	Hardwood surface measure Volume	Hardwood surface measure Average value	From Seattle Customs District: Softwood 3/8-inch basis Volume	Softwood 3/8-inch basis Average value	Hardwood surface measure Volume	Hardwood surface measure Average value	From Columbia-Snake Customs District: Softwood 3/8-inch basis Volume	Softwood 3/8-inch basis Average value	Hardwood surface measure Volume	Hardwood surface measure Average value
TO ALL COUNTRIES												
1986	204,236	210.84	12,622	155.52	26,381	254.69	12,275	156.17	177,855	204.34	347	132.58
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	288,573	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	87,461	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	247.48	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	31,886	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	288.43	76,352	221.54	47,189	288.48	37,706	277.49	3,219	256.29
1997:												
1st quarter	30.374	237.74	13,922	300.61	23,097	218.95	12,097	314.13	7,277	297.38	1,825	210.98
2d quarter	24,096	264.57	10,470	336.02	16,718	262.71	9,738	331.59	7,378	268.79	732	394.98
3d quarter	18,488	284.82	12,106	355.58	11,345	283.95	10,342	351.19	7,143	286.20	1,855	380.05
4th quarter	29,538	232.55	11,902	290.89	11,672	235.05	11,198	289.16	17,866	230.92	706	318.37
1997 total	102.498	251.05	48,400	320.29	62,832	245.33	43,373	320.44	39,663	260.13	5,117	313.39
TO JAPAN												
1986	7,644	264.52	39	1,000.00	1,277	245.11	39	1,000.00	6,367	266.42	0	--
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:												
1st quarter	4,425	299.46	344	717.81	4,014	304.21		1,382.79	411	253.04	209	253.95
2d quarter	5,928	300.78	607	423.07	5,518	299.20	235		410	321.95	337	291.10
3d quarter	2,014	343.85	1,846	440.37	1.463	310.71	303	619.00	550	431.19	1,543	405.30
4th quarter	2,345	216.27	1,248	327.40	1,612	197.79	1,178	291.83	733	256.92	71	919.09
1997 total	14,712	292.81	4,045	426.51	12,608	289.14	1,887	468.16	2,104	314.77	2,159	390.01
TO WESTERN EUROPE												
1986	174,439	203.26	304	128.29	9,305	309.30	304	128.29	165,134	197.29	*0*	
1887	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	10,424	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	208.11	2,924	198.02
1891	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	238.33
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:												
1st quarter	5,290	323.09	1,120	281.13	948	392.41	198	371.94	4,342	307.95	924	261.84
2d quarter	4,266	312.72	283	589.63	637	397.01	*0*		3,629	297.91	283	589.63
3d quarter	R4,761	R322.49	R53	R429.22	R1,016	R456.24	R0	R--	3,745	286.18	53	429.22
4th quarter	14,052	222.45	400	180.75	1,150	318.86	400	180.75	12,902	213.86	*0*	--
1887 total	28,369	269.88	1,856	310.53	3,751	388.33	596	243.08	24,617	251.83	1,261	342.25

A = revised.

Source: U.S. Department of Commerce. Columbia-Snake Customs District includes ail 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 73—Volume and average value of plywood exports from California, 1986-97[a]

(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
1986	27,563	235.13	4,231	268.73	548	167.88	10,977	186.48	11,807	271.45
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:										
1st quarter	16,686	230.91	427	259.95	242	99.17	11,988	212.46	4,029	290.64
2d quarter	20,232	210.80	588	238.10	302	208.61	11,902	204.00	7,440	219.62
3d quarter	22,827	216.54	545	222.02	153	261.44	13,799	192.02	8,339	255.91
4th quarter	23,137	214.38	66	515.15	344	261.63	15,476	181.18	7,251	280.24
1996 total	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

[a] 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 74—Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1986-97

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

Year and quarter	From both customs districts: softwood 3/8-inch basis, Volume	From both customs districts: softwood 3/8-inch basis, Average value	From both customs districts: Hardwood, surface measure, Volume	From both customs districts: Hardwood, surface measure, Average value	From Seattle Customs District: Softwood, 3/8-inch basis, Volume	From Seattle Customs District: Softwood, 3/8-inch basis, Average value	From Seattle Customs District: Hardwood, surface measure, Volume	From Seattle Customs District: Hardwood, surface measure, Average value	From Columbia-Snake Customs District: softwood, 3/8-inch basis, Volume	From Columbia-Snake Customs District: softwood, 3/8-inch basis, Average value	From Columbia-Snake Customs District: Hardwood, surface measure, Volume	From Columbia-Snake Customs District: Hardwood, surface measure, Average value
TO ALL COUNTRIES												
1986	333,798	30.57	64,746	108.64	271,342	29.28	61,800	109.45	62,456	36.15	2,946	91.65
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
1891	124,425	91.79	135,268	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	9Q.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	139.58
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:												
1st quarter	51,684	89.33	43,281	127.93	49,186	82.36	40,159	129.04	2,498	226.54	3,122	114.02
2d quarter	37,414	84.43	41,180	152.49	36,920	82.45	40,099	151.15	494	232.79	1,091	201.61
3d quarter	36,499	99.58	37,854	156.83	36,224	98.22	33,735	158.52	275	278.68	4,119	143.05
4th quarter	29,312	86.06	40,868	140.43	29,044	84.96	33,050	145.52	268	206.00	7,818	118.91
1897 total	154,909	89.94	163,193	143.96	151,374	86.67	147,043	145.53	3,536	229.89	16,150	129.67
TO JAPAN												
1986	94,390	21.81	10,024	58.36	51,781	14.60	8,001	50.87	42,609	30.58	2,023	87.99
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	01.31	62,025	101.83	56,664	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:												
1st quarter	27,107	98.68	7,680	121.88	24,893	86.81	5,417	128.49	2.214	232.18	2,263	105.63
2d quarter	13,652	86.87	6,026	165.95	13,463	84.30	5,831	162.93	189	269.84	195	256.02
3d quarter	11,949	100.15	2,849	180.43	11,674	95.95	2,005	211.42	275	278.68	844	106.83
4th quarter	7,563	76.09	5,772	198.63	7,294	71.31	3,347	189.03	268	206.00	2,425	211.89
1997 total	60,271	93.48	22,327	161.07	57.325	86.12	16,600	162.85	2,946	236.73	5,727	155.91
TO WESTERN EUROPE												
1986	22,313	37.87	1,953	73.73	3,287	34.07	1,953	73.73	19,026	38.47	0	--
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:												
1st quarter	786	139.88	2,292	125.24	502	115.59	1,853	118.72	285	182.69	438	152.81
2d quarter	667	180.31	911	258.92	582	183.93	911	258.92	86	233.64	0	
3d quarter	78	304.99	6,040	127.07	78	304.99	6,040	127.07	0	--	0	
4th quarter	*0*	--	4,302	114.71	*0*	--	4,110	115.07	0		192	106.83
1997 total	1,531	169.97	13,544	131.71	1,162	162.26	12,914	131.38	370	193.61	630	138.62

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 of timber sold on publicly owned or managed lands, Montana and Idaho, 1992-97

(In thousand board feet, Scribner scale)

Agency	1992	1993	1994	1995	1996 Total	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Total
Montana:											
USDA Forest Service[a]	331,288	209,113	126,858	177,493	294,932	124,491	54,249	24,387	48,679	48,973	176,287
U.S. Bureau of Land Manage.[b]	9,661	4,327	1,254	2,938	2,463	0	-11	0	2,213	459	2,661
U.S. Bureau of Indian Affairs	45,126	13,733	16,097	15,411	10,285	1,464	2,430	1,480	4,705	2,316	10,931
State of Montana	26,644	19,822	12,853	14,594	25,176	6,097	6,023	1,144	13,036	7,751	27,953
Total	412,718	246,994	157,062	210,437	332,856	132,052	62,691	27,011	68,633	59,498	217,832
Idaho:											
USDA Forest Service"	423,701	412,907	171,960	184,206	375,299	110,343	21,374	32,350	103,512	92,358	249,594
U.S. Bureau of Land Manage.[b]	8,145	1,122	10,560	5,409	2,114	23	431	-3	5,748	557	6,733
U.S. Bureau of Indian Affairs	1,645	2,781	NA	NA	NA	NA	NA	NA	NA	W	NA
State of Idaho	247,521	200,597	196,151	144,664	332,581	29,059	36,135	80,165	68,048	20,011	204,359
Total	681,012	617,407	NA	NA	NA	NA	NA	NA	NA	W	NA
All public lands:											
USDA Forest Service[a]	754,989	622,020	298,818	361,699	670,230	234,834	75,623	56,737	152,191	141,330	425,881
U.S. Bureau of Land Manage.[b]	17,806	5,449	11,814	8,347	4,577	23	420	-3	7,961	1,016	9,394
U.S. Bureau of Indian Affairs	46,771	16,514	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Montana	26,644	19,822	12,853	14,594	25,176	6,097	6,023	1,144	13,036	7,751	27,953
State of Idaho	247,521	200,597	196,151	144,664	332,581	29,059	36,135	80,165	68,048	20,011	204,359
Total	1,093,730	864,401	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

[a] Convertible products only.

[b] Does not include cull log sales..

Source: Respective agencies listed.

Table 76—Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1992-97

(In dollars per thousand board feet)

Agency	1992	1993	1994	1995	1996 Average	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Average
Montana:											
USDA Forest Service'	152.94	251.36	247.63	150.08	121.60	145.81	157.86	165.52	122.81	128.18	140.99
U.S. Bureau of Land Manage.[b]	163.91	224.22	186.87	95.41	198.61	--	113.46	--	213.96	200.78	212.10
U.S. Bureau of inaian Affairs	487.89	437.38	123.32	100.62	157.67	93.23	230.86	525.62	146.87	123.06	157.08
State of Montana	181.48	249.28	332.84	260.79	239.40	262.93	196.16	210.17	173.67	114.38	163.57
Average	158.86	244.38	241.38	153.37	130.96	150.64	164.37	165.00	137.06	126.74	145.57
Idaho:											
USDA Forest Service'	141.74	306.72	275.55	135.09	96.88	133.44	215.57	116.15	137.74	172.06	154.31
U.S. Bureau of Land Manage.[b]	93.37	143.32	258.27	74.98	47.92	90.00	42.49	350.62	166.45	79.58	151.26
U.S. Bureau of Indian Affairs	145.54	280.41	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Idaho	283.99	447.49	450.31	254.17	169.93	317.18	330.47	373.49	285.92	281.65	327.73
Average	192.86	352.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
All public lands:											
USDA Forest Service'	146.65	288.11	263.70	142.44	107.76	140.00	174.17	137.37	132.96	156.85	148.80
U.S. Bureau of Land Manage.[b]	131.64	207.56	250.69	82.17	129.01	90.00	40.63	350.62	179.65	134.35	168.49
U.S. Bureau of Indian Affairs	186.40	161.46	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Montana	181.48	249.28	332.84	260.79	239.40	262.93	196.16	210.17	173.67	114.68	163.57
State of Idaho	283.99	447.49	450.31	254.17	169.93	317.18	330.47	373.49	285.92	281.65	327.73
Average	180.04	321.28	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

• Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, qualtty, 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.

[b] Does not include cull log prices.

Source: Respective agencies listed.

Table 77—Volume of sawtimber sold on National Forests by selected species, Northern Region, 1990-97

(in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Ponderosa pine	Western white pine	Lodgepole pine	Engelmann spruce	Western hemlock	Cedars	Larch	True firs	All species
1990	118,767	14,606	25,361	139,209	43,909	18,718	29,467	61,425	139,115	650,082
1991	116,868	22,984	24,996	127,304	35,262	10,273	39,655	58,512	131,342	605,031
1992	87,414	11,814	8,323	121,923	22,377	28,029	7,185	28,975	40,788	386,942
1993	61,641	17,486	5,336	75,364	14,497	4,574	9,243	21,025	47,930	290,080
1994	15,010	5,900	9,152	42,627	3,240	472	3,610	6,802	8,361	101,547
1995	37,185	2,668	8,634	45,924	22,331	1,148	1,858	15,486	18,057	164,696
1996:										
1st quarter	5,800	740	66	3,483	297	11	39	136	326	11,749
2d quarter	22,816	1,790	778	6,737	3,962	1,693	251	2,515	1,823	44,661
3d quarter	13,158	5,661	1,882	33,849	7,293	265	4,355	2,009	39,078	112,364
4th quarter	36,126	2,098	7,697	43,611	7,012	3,160	5,322	8,410	25,835	148,437
1996 total	77,900	10,289	10,422	87,680	18,565	5,129	9,966	13,070	67,062	317,211
1997:										
1st quarter	10,013	2,025	412	30,223	875	2,016	1,790	1,157	6,544	60,785
2d quarter	11,675	3,810	415	5,687	3,760	560	927	1,114	5,495	34,009
3d quarter	12,604	2,281	227	19,937	968	392	915	1,769	5,139	51,280
4th quarter	28,272	4,786	7,573	12,930	1,989	1,467	3,355	2,082	18,203	87,616
1997 total	62,564	12,902	8,627	68,777	7.592	4,435	6,987	6,122	35,381	233,690

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

Table 78--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1986-97'

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Ponderosa pine	Western white pine	Lodgepole pine	Engelmann spruce	Western hemlock	Cedars	Larch	True firs	All species
1986	35.10	64.30	119.20	35.90	37.60	34.60	73.10	32.90	32.10	37.40
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:										
1st quarter	156.67	138.31	173.22	97.28	217.82	85.78	287.88	206.02	79.63	134.11
2d quarter	149.59	178.65	103.09	209.15	101.53	126.71	173.97	106.61	102.88	150.08
3d quarter	226.37	174.41	234.24	245.75	98.36	116.84	228.50	230.17	165.59	193.70
4th quarter	157.93	172.47	240.87	224.19	143.71	184.54	294.66	215.68	181.47	194.73
1996 total	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

[a] 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 Agricutture. Northern Region includes Montana, northeastern Washington, northern Idaho, North Dakota, and northwestern South Dakota.

Table 79--Volume and average value of timber harvested on the National Forests of the Northern Region, 1997

(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.	1.4	254.08	3.8	138.73	3.5	352.51	.1	10.00	0.0	--
2d qtr.	1.0	40.82	1.6	100.42	6.6	277.94	.1	18.88	0.0	--
3d qtr.	5.4	116.20	1.5	29.49	24.4	160.85	.6	49.19	0.0	--
4th qtr.	5.4	153.36	1.4	106.86	16.6	253.64	.1	10.63	0.0	--
Total	13.2	140.46	8.4	106.05	51.0	219.31	.9	36.56	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.	4.6	135.80	.7	10.00	3.5	235.24	20.3	177.05	.5	28.87
2d qtr.	.8	97.86	.2	132.48	.9	147.04	3.3	108.01	.4	76.28
3d qtr.	7.9	82.26	3.6	76.79	2.3	151.15	32.9	120.27	3.9	61.83
4th qtr.	9.4	65.31	.5	65.07	2.5	222.37	31.2	186.36	9.4	196.01
Total	22.7	86.62	5.0	69.15	9.3	202.04	87.7	155.38	14.2	149.92

Quarter	Lolo		Nezperce		Panhandle [a]		Northern Idaho		Montana	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	3.0	119.62	.1	292.27	R12.0	R203.67	15.4	238.33	37.8	167.04
2d qtr.	7.6	155.73	1.7	73.74	8.6	209.59	16.9	223.04	16.0	126.16
3d qtr.	26.1	177.17	13.2	201.79	24.9	225.31	62.4	195.20	84.2	128.20
4th qtr.	10.9	168.93	9.6	120.43	24.8	236.15	50.2	220.48	70.9	163.46
Total	47.5	168.27	24.5	161.54	70.2	223.84	144.9	211.79	208.9	147.05

Quarter	Northeastern Washington		All Forests	
	Volume	Average value	Volume	Average value
1st qtr.	.1	161.72	53.4	187.60
2d qtr.	0.0	--	32.8	175.92
3d qtr.	0.0	--	146.6	156.71
4th qtr.	.8	190.92	121.9	187.08
Total	.9	186.80	354.7	173.57

R = revised.

[a] 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 80--Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-97

(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:							
1st quarter	15,920	4,928	13,079	2,168	**0**	1,444	40,172
2d quarter	41,018	4,520	17,777	5,838	**0**	19,692	92,493
3d quarter	10,081	6,098	3,430	6,533	**0**	16,198	48,337
4th quarter	2,844	618	6,011	4,128	**0**	11,861	64,327
1996 total	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

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

Table 81--Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-97"

(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:							
1st quarter	48.89	124.16	123.45	122.72	--	85.13	90.30
2d quarter	48.15	176.36	112.07	121.36	--	23.07	66.97
3d quarter	116.40	110.42	107.53	131.91	--	86.37	99.18
4th quarter	208.27	157.26	206.06	101.48	--	101.59	86.38
1996 average	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

[a] 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 82—Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1997

(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.	1.5	72.01	11.7	205.50	1.5	14.71	.6	165.21	0.0	--
2d qtr.	.1	60.49	8.1	206.66	.2	-10.35	0.0	--	0.0	--
3d qtr.	6.9	46.73	25.1	154.41	2.2	99.43	2.9	138.12	0.0	--
4th qtr.	3.1	76.73	17.6	150.54	5.2	38.63	6.7	82.15	0.0	--
Total	11.6	58.10	62.4	169.67	9.1	48.08	10.2	169.67	0.0	--

Quarter	Dixie		Fishlake		Humboldt		Manti-Lasal		Payette	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.6	24.84	.1	9.93	.1	11.38	.5	100.25	6.5	506.16
2d qtr.	2.2	209.01	.5	71.58	.1	10.83	.3	49.54	1.1	326.67
3d qtr.	7.5	44.17	2.3	91.51	.1	13.39	2.7	46.60	29.0	261.72
4th qtr.	6.6	76.73	2.5	30.77	.3	16.86	3.0	46.31	12.0	232.93
Total	17.9	62.54	5.5	60.48	.5	14.89	6.6	50.96	48.6	288.81

Quarter	Salmon		Sawtooth		Targhee		Toiyabe [a]		Wasatch	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.0	188.39	.2	79.83	.9	155.66	4.1	62.24	.2	52.12
2d qtr.	1.0	83.01	.1	71.60	.8	130.61	.4	33.28	.1	13.00
3d qtr.	3.5	53.64	3.1	39.23	1.5	40.82	-.3	73.21	1.8	96.52
4th qtr.	1.6	173.77	1.3	32.40	2.4	40.01	1.4	35.12	.7	146.42
Total	7.0	103.19	4.6	39.55	5.6	71.60	5.5	52.69	2.7	105.69

Quarter	Southern Idaho		Nevada		Utah [b]		Wyoming		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	20.9	293.89	.4	14.60	4.1	52.91	1.5	14.71	30.7	216.20
2d qtr.	10.9	201.48	.3	9.54	3.1	164.75	.2	-10.35	14.7	185.27
3d qtr.	65.1	187.94	.4	10.54	23.2	69.35	2.2	99.43	90.2	155.57
4th qtr.	41.5	154.35	.7	12.05	16.2	51.54	5.2	38.48	64.5	116.13
Total	138.4	194.94	1.7	11.86	46.6	68.07	9.1	47.97	200.1	154.35

[a] Includes a small portion of the Forest that lies in California.

[b] Includes a very small volume form the Uinta National Forest.

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

Table 83—Volume of timber sold on publicly owned or managed lands in California, 1992-97

(In thousand board feet, Scribner scale)

Agency	1992	1993	1994	1995	1996 Total	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Total
USDA Forest Service"	1,238,351	651,282	539,006	453,066	480,224	213,073	180,216	75,947	133,035	150,101	539,298
U.S. Bureau of Land Manage.[b]	10,420	7,876	18,570	5,733	13,780	6,667	0	42	R24	16	81
U.S. Bureau of Indian Affairs"	31,985	12,867	14,576	15,328	14,576	4,481	3,914	2,435	NA	NA	NA
State of California	23,470	12,200	10,683	49,193	33,747	0	0	30,263	NA	NA	NA
Total	1,304,226	684,225	582,835	523,319	542,328	224,221	184,130	108,686	NA	NA	NA

R = revised.

NA = not available.

[a] Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

[b] Does not include cull log sales or volume given away through free use permits.

[c] Available only on fiscal-year basis for 1991-93.

Source: Respective agencies listed.

Table 84--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1992-97

(In dollars per thousand board feet)

Agency	1992	1993	1994	1995	1996 Average	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Average
USDA Forest Service[a b]	126.43	229.73	193.49	109.30	117.08	127.16	103.25	70.06	127.62	106.60	105.52
U.S. Bureau of Land Manage.'	242.21	279.24	60.29	222.21	275.03	312.38	--	260.94	R349.19	309.13	295.87
U.S. Bureau of Indian Affairs	217.11	331.19	455.66	525.84	455.66	362.87	336.74	400.41	NA	NA	NA
State of California	463.92	629.71	596.06	428.51	460.02	--	--	473.43	NA	NA	NA
Average	135.65	239.34	203.18	152.74	151.54	137.38	108.21	189.85	NA	NA	NA

R = revised.

NA = not available.

[a] 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.

[b] Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

[c] Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

Table 85--Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-97

(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:							
1st quarter	7,396	10,450	1,918	64	4,835	15,846	40,627
2d quarter	10,510	10,121	2,283	68	784	19,135	43,362
3d quarter	7,314	6,054	2,805	298	1,696	24,425	54,234
4th quarter	22,667	26,824	6,673	1,582	8,226	46,063	149,412
1996 total	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

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

Table 86--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1986-97"

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Ponderosa and Jeffrey pines	Sugar pine	Lodgepole pine	Cedars	True firs	All species
1986	66.49	125.62	134.43	10.82	132.69	46.08	87.23
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	218.81	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:							
1st quarter	241.71	255.68	268.77	9.06	92.74	194.98	209.42
2d quarter	154.78	281.45	348.63	40.36	181.98	155.48	194.74
3d quarter	130.07	303.53	367.04	102.28	105.10	139.83	148.36
4th quarter	207.44	322.44	301.22	46.82	162.04	211.17	187.14
1996 average	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

[a] 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 87--Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1997

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

Quarter	Angeles		Cleveland		Eldorado		Invo		Klamath [a]	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	.1	62.77	.1	40.00	1.7	153.95	.9	39.85	14.1	128.60
2d qtr.	.1	55.71	.1	38.78	6.4	182.50	.4	74.35	19.2	76.89
3d qtr.	0.0	--	.1	40.00	14.1	109.01	1.2	24.11	9.5	98.78
4th qtr.	1.1	--	0.0	--	11.8	164.85	1.7	127.77	10.2	129.51
Total	.1	62.19	.2	39.19	34.0	144.49	4.2	72.87	52.9	104.71

Quarter	Lassen		Los Padres		Mendocino		Modoc		Plumas	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	5.2	51.63	.2	23.23	.3	27.61	6.0	110.41	8.0	18.55
2d qtr.	22.2	228.76	0.0	--	2.6	202.64	2.4	274.39	10.5	89.22
3d qtr.	41.5	149.30	0.0	--	4.1	188.40	16.9	77.97	21.5	167.47
4th qtr.	35.2	113.37	0.0	--	.7	83.21	22.7	118.62	16.1	229.37
Total	104.1	149.25	.2	23.23	7.8	176.57	48.0	110.94	56.0	149.38

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	46.03	.3	-2.65	9.7	29.06	.4	74.72	.9	230.24
2d qtr.	.3	49.23	4.5	163.89	19.5	147.68	4.9	149.03	10.8	117.33
3d qtr.	.2	48.18	8.2	108.94	5.7	325.03	15.4	171.13	6.4	104.99
4th qtr.	.4	47.86	2.9	133.35	5.0	166.88	3.8	90.50	2.2	141.36
Total	1.4	47.52	15.9	126.75	39.9	146.54	24.6	152.55	20.3	120.80

Quarter	Stanislaus		Tahoe		Trinity		LTBMU [b]		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	1.8	27.72	14.5	6.06	3.5	150.25	.5	2.46	68.5	64.23
2d qtr.	4.4	44.03	5.1	118.46	3.7	59.55	.1	103.74	117.2	141.16
3d qtr.	10.8	107.41	29.9	128.75	5.5	297.54	3.2	39.07	194.2	140.21
4th qtr.	32.2	61.37	20.3	104.34	2.8	322.54	.3	32.98	168.1	123.65
Total	49.3	68.68	69.7	95.40	15.4	211.41	4.1	36.93	548.0	125.84

[a] Includes a small portion of the Forest that lies in southern Oregon.

[b] Lake Tahoe Basin Management Unit.

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

Table 88--Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1995-97

(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
1995:						
January	13	166.39	0	--	13	166.39
February	3	85.00	a	278.43	3	98.26
March	9	147.02	8	332.44	17	234.25
April	10	129.05	a	496.01	11	133.23
May	17	81.63	3	446.76	20	136.91
June	23	126.60	6	503.45	30	208.24
July	6	215.82	4	511.13	10	322.91
August	34	117.20	9	437.85	43	184.59
September	100	97.67	96	379.22	196	236.02
October	61	52.48	77	346.44	138	217.09
November	33	49.60	4	222.50	37	69.79
December	8	62.09	a	143.59	8	63.04
Total	316	94.18	208	371.59	524	204.24
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
Total	397	101.42	403	333.41	800	218.38
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
Total	185	96.56	238	291.38	423	206.02

a Less than 1 million board feet.

Note: These figures are preliminary.

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

Table 89--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1993-97

(In thousand board feet, Scribner scale)

Agency	1993	1994	1995	1996		1997				
				Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
Western Washington:										
USDA Forest Service"	27,296	21,553	71,432	82,354	39,698	24,578	1,491	13,200	34,905	74,174
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0	0	0	0
U.S. Bur. Indian **Aff.**	27,755	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	423,401	344,887	511,815	410,996	103,958	113,843	192,579	81,386	159,289	547,097
Total	478,452	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Washington:										
USDA Forest Service"	64,690	82,101	138,086	140,759	44,231	6,641	24,467	23,571	33,761	88,440
U.S. Bur. Land Mgmt.	20	0	1,010	2,978	0	0	0	0	0	0
U.S. Bur. Indian **Aff.**	54,676	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	60,818	67,382	81,080	79,468	22,261	11,732	15,748	23,054	7,772	58,306
Total	180,204	NA	NA	NA	NA	NA	NA	NA	NA	NA
.Western Oregon:										
USDA Forest Sewice'	154,085	100,711	256,016	449,656	193,106	60,675	26,058	43,347	126,367	256,447
U.S. Bur. Land Mgmt.	33,539	16,309	155,564	160,301	33,873	29,181	26,648	127,967	45,696	229,491
U.S. Bur. Indian **Aff.**	164	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	34,693	125,289	124,638	160,243	38,685	43,019	38,305	58,609	80,035	219,968
Total	222,481	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Oregon:										
USDA Forest Service"	391,993	182,947	293,569	462,310	229,991	50,788	47,407	49,606	53,697	201,498
U.S. Bur. Land Mgmt.	2,067	4,820	2,483	7,301	0	28	123	343	1,682	2,176
U.S. Bur. Indian **Aff.**	34,790	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	4,483	9,611	3,130	0	0	0	2,485	3,302	0	5,787
Total	433,333	NA	NA	NA	NA	NA	NA	NA	NA	NA
All public lands:										
USDA Forest Sewice'	638,063	387,312	759,102	1,135,080	507,025	142,682	99,423	129,724	248,730	620,559
U.S. Bur. Land Mgmt.	35,626	21,129	159,057	170,580	33,873	29,209	26,771	128,310	47,378	231,667
U.S. Bur. Indian **Aff.**	117,385	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	484,219	412,269	592,895	490,464	126,219	125,575	208,327	104,440	167,061	605,403
State of Oregon	39,176	134,899	127,768	160,243	38,685	43,019	40,790	61,911	80,035	225,755
Total	1,314,47	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

[a] Convertible products only.

[b] Excludes sales under **$20,000.**

Source: Respective agencies listed.

Table 90--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1993-97

(In dollars per thousand board feet)

Agency	1993	1994	1995	1996 Total	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Total
Western Washington:										
USDA Forest Service[a]	296.15	183.37	315.62	246.99	390.38	247.34	63.85	126.64	237.66	217.62
U.S. Bur. Land Mgmt.	--		--	--	--	--	--	--	--	
U.S. Bur. Indian Aff.	298.38	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	602.14	536.81	404.81	440.47	471.93	504.19	431.13	381.05	408.75	432.37
Average	567.06	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Washington:										
USDA Forest Sewice'	113.76	226.34	72.73	92.87	152.06	153.50	52.80	118.82	76.60	87.04
U.S. Bur. Land Mgmt.	197.50	--	72.59	88.45	--	--	--	--	--	--
U.S. Bur. Indian Aff.	361.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	489.62	457.87	354.54	226.84	277.93	126.26	271.15	266.31	173.03	227.01
Average	315.71	NA	NA	NA	NA	NA	NA	NA	NA	NA
Western Oregon:										
USDA Forest Service"	263.94	522.47	358.84	233.82	308.43	294.58	207.70	256.62.	251.49	258.10
U.S. Bur. Land Mgmt.	431.56	337.14	435.59	390.83	349.70	253.40	281.88	409.28	368.80	366.60
U.S. Bur. Indian Aff.	366.77	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	772.15	554.43	508.42	457.90	434.22	519.70	388.62	335.64	430.65	415.43
Average	368.54	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eastern Oregon:										
USDA Forest Service'	304.15	96.36	125.22	85.90	89.80	69.96	41.38	95.15	73.82	70.47
U.S. Bur. Land Mgmt.	973.13	139.57	192.86	68.05	--	35.00	140.14	252.67	115.84	137.73
U.S. Bur. Indian Aff.	318.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Oregon	380.07	414.66	393.94	--	--	--	254.57	437.82	--	359.13
Average	309.25	NA	NA	NA	NA	NA	NA	NA	NA	NA
All public lands:										
USDA Forest Service'	274.79	239.56	212.38	157.05	202.03	199.92	88.12	156.61	187.45	167.96
U.S. Bur. Land Mgmt.	462.85	292.07	429.50	371.73	349.70	253.19	281.23	408.86	359.81	364.45
U.S. Bur. Indian Aff.	333.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
State of Washington[b]	588.01	523.91	397.94	405.86	437.71	468.88	419.04	355.72	397.79	412.59
State of Oregon	727.28	544.47	505.62	457.90	434.22	519.70	380.45	341.09	430.65	413.99
Average	414.01	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

[a] 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.

[b] Excludes sales under $20,000.

Source: Respective agencies listed.

Table 91--Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1986-97

(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'	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1986	2,094,394	386,494	814,884	29,709	20,618	93,677	21,984	14,166	698,341	123,268	46,364	61,384	421,708	4,859,978
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	599,527	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:														
1st quarter	9,725	24,912	19,054	716	0	4,383	398	0	2,155	313	661	57	16,534	82,764
2d quarter	19,291	98,305	9,369	14,260	99	3,562	1,305	279	2,527	339	1,197	709	8,815	163,199
3d quarter	5,714	51,874	9,438	26	173	19,992	162	0	8,196	598	8,716	689	26,145	154,299
4th quarter	31,717	144,002	51,630	441	552	7,031	5	0	19,413	2,025	1,909	9,428	77,003	369,251
1996 total	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

[a] Includes Port-Orfordcedar, 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 92—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1986-97[a]

(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[b]	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1986	160.70	34.10	196.30	199.10	116.70	9.40	38.10	93.90	74.10	156.30	48.50	84.30	47.70	127.90
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	Si.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:														
1st quarter	440.76	133.29	114.90	297.17	--	128.30	161.54	--	41.53	197.37	176.98	180.47	125.71	158.58
2d quarter	440.65	89.53	157.22	33.04	42.24	82.49	12.67	107.67	174.77	218.93	316.47	227.40	125.64	134.27
3d quarter	145.84	399.90	180.32	549.03	338.81	92.97	188.65	--	226.11	172.55	199.46	369.33	149.29	263.48
4th quarter	406.43	364.92	183.26	455.51	376.95	94.41	236.05	--	245.25	663.32	251.76	190.65	140.50	278.04
1996 average	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

[a] 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.

[b] Includes Port-Orfordcedar, 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

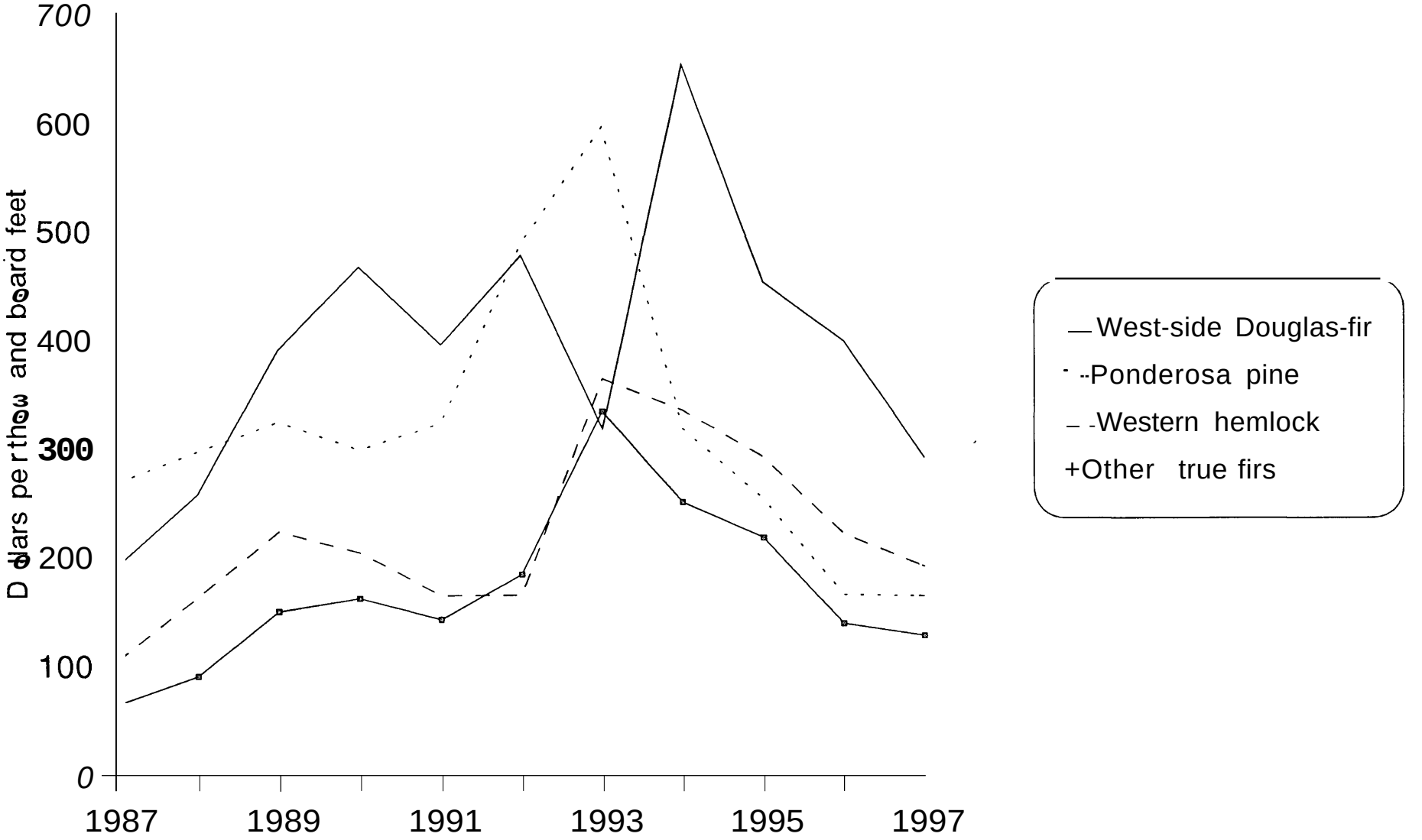

Table 93—Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1997

(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.	4.8	235.54	30.3	170.38	10.7	147.14	1.8	416.21	10.9	217.28
2d qtr.	3.5	195.77	24.1	95.69	13.1	151.57	7.8	405.63	4.1	160.58
3d qtr.	14.5	159.46	20.6	51.85	25.1	158.23	19.7	456.35	17.2	166.26
4th qtr.	17.1	172.24	20.2	53.70	18.2	132.16	11.1	312.49	13.8.	213.56
Total	39.9	177.19	95.2	101.06	67.1	148.08	40.3	405.35	46.0	192.05

Quarter	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.	1.8	64.17	1.3	129.61	6.2	135.73	3.2	277.52	3.4	178.53
2d qtr.	1.8	89.18	26.3	136.71	3.7	63.94	2.4	241.15	2.3	266.19
3d qtr.	2.2	108.89	15.3	208.45	8.4	46.67	4.7	159.65	3.1	188.17
4th qtr.	5.1	50.91	13.4	127.73	6.6	75.03	4.1	166.48	5.0	140.84
Total	10.9	71.25	56.4	153.90	25.0	79.02	14.3	201.52	13.7	181.54

Quarter	Rogue River[a]		Siskiyou[a]		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.3	414.76	2.1	447.03	.7	350.06	3.3	39.16	6.3	398.95
2d qtr.	7.8	446.37	12.7	471.40	.5	28.64	11.5	276.67	8.3	542.25
3d qtr.	15.3	439.16	16.1	329.48	2.2	475.67	21.4	93.91	21.2	532.49
4th qtr.	6.5	338.38	5.5	468.29	7.8	258.06	13.9	40.84	11.7	411.23
Total	32.0	418.59	36.5	406.80	11.2	295.83	57.3	126.24	47.5	486.68

Quarter	Wallowa-Whitman		Wenatchee		Willamette		Winema		Western Oregon	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	8.3	96.70	5.1	45.31	21.8	415.38	4.6	110.88	34.5	402.04
2d qtr.	7.6	102.28	10.1	35.74	16.4	359.76	2.3	116.40	72.1	326.17
3d qtr.	19.8	131.30	26.8	47.01	28.1	274.43	8.3	96.27'	98.3	359.07
4th qtr.	15.2	110.57	13.6	65.52	19.9	359.37	8.5	112.83	64.9	315.72
Total	50.9	115.11	55.5	49.35	86.2	345.93	23.7	106.97	269.8	345.35

Quarter	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.	74.3	153.22	6.9	210.06	13.0	171.97	0.0	--	128.9	224.89
2d qtr.	66.5	141.84	11.8	330.77	15.8	101.50	0.0	--	166.3	231.42
3d qtr.	120.8	113.38	25.1	392.41	53.2	106.36	0.0	--	297.3	216.86
4th qtr.	95.9	104.90	21.2	209.03	35.3	130.34	0.0	--	217.2	182.14
Total	357.5	124.68	65.0	302.02	117.3	120.21	0.0	--	809.6	211.82

[a] 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 94—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1997[1] [b]

(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[c]		All species	
	West side		East side									
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Western Oregon:												
Mount Hood--												
1st quarter	1,100	696.82	4	223.19	0		7	282.06	0	--	1,112	689.77
2d quarter	0	--	0	--	0		0	--	0	--	0	--
3d quarter	365	494.53	0	--	0	--	0		0	--	949	436.27
4th quarter	6,915	217.96	3,869	302.88	0		1,919	10.00	4,007	80.32	16.710	193.65
Total and average	8,380	292.86	3,873	302.80	0	--	1,926	10.99	4,007	80.32	18,771	235.31
Rogue River--												
1st quarter	0		0	--	0	--	0	--	0	--	0	--
2d quarter	127	291.06	68	403.25	107	345.10	0		29	179.66	451	330.03
3d quarter	9,012	246.01		--	758	245.28	0		608	220.53	10,378	250.52
4th quarter	347	204.79	0	--	34	184.95	0		0	--	381	203.02
Total and average	9,486	245.11	68	403.25	899	254.89	0		637	218.67	11,210	252.11
Siskiyou--												
1st quarter	114	883.50	0		0		0		0		114	884.22
2d quarter	9	423.11	0		0	--	0	--	0		94	84.21
3d quarter	3,167	128.46	0		8	138.13	0		0		4,152	656.28
4th quarter	0		0		0		0	--	0	--	0	
Total and average	3,290	155.43	0	--	8	138.13	0		0		4,360	649.91
Siuslaw–												
1st quarter	0		0		0		0	--	0	--	0	
2d quarter	0	--	0	--	0		0		0	--	0	--
3d quarter	19,588	115.29	0		0	--	2,419	53.41	0	--	22,208	112.89
4th quarter	0		0	--	0	--	0	--	0	--	0	--
Total and average	19,588	115.29	0		0		2,419	53.41	0	--	22,208	112.89
Umpqua--												
1st quarter	80	507.15	0		0		0		0		80	507.15
2d quarter	476	455.35	0		0		0		0		476	455.35
3d quarter	9,563	326.26	0		0		0		0		12,875	270.86
4th quarter	29,738	459.71	0		0		3,011	346.93	511	210.00	36,862	468.34
Total and average	39,857	427.73	0		0		3,011	346.93	511	210.00	50,293	417.74
Willamette--												
1st quarter	40	639.25	0		0		3	208.95	0		43	609.49
2d quarter	1,836	349.48	0		0		10	324.80	0		1,846	349.71
3d quarter	12,627	230.73	0		0		1,430	54.07	0		14,195	253.41
4th quarter	51,099	332.43	0		0		1,372	306.10	1,525	10.00	64,563	324.11
Total and average	65,602	313.52	0		0		2,815	178.03	1,525	10.00	80,647	312.40
All western Oregon:												
1st quarter	1,334	699.67	4	223.19	0	--	10	260.09	0	--	1,349	692.81
2d quarter	2,448	367.31	68	403.25	107	345.16	10	324.80	29	179.66	2,867	355.69
3d quarter	54,322	204.26	0	--	766	244.16	3,849	53.66	608	220.53	64,757	236.74
4th quarter	88,099	365.91	3,869	302.88	34	184.95	6,302	235.44	6,043	73.54	118,516	350.19
Total and average	146,203	308.92	3,941	304.53	907	253.86	10,171	166.76	6,680	87.38	187,489	313.55
Western Washington:												
Gifford Pinchot–												
1st quarter	0		0		0		0		0		0	
2d quarter	0		0		0		0		0		0	
3d quarter	2,460	267.07	0		0		871	130.89	1,540	181.99	4,907	216.62
4th quarter	10,811	320.12	0	--	0		3,346	164.00	4,521	232.77	24,728	271.92
Total and average	13,271	310.29	0		0		4,217	157.16	6,061	219.87	29,635	262.76
Mount Baker-Snoqualmie--												
1st quarter	9	371.78	0	--	0	--	0		1	41.00	11	399.82
2d quarter	0	--	0	--	0		0	--	0		0	--
3d quarter	2,354	270.60	0		0	--	3,720	98.71	0		8,060	158.66
4th quarter	42	210.56	0	--	0	--	1,077	60.73	0		1,504	173.65
Total and average	2,405	269.93	0		0		4,797	90.18	1	41.00	9,575	161.29
Olympic–												
1st quarter	a i	172.18	0		0		2,003	87.77	0		3,747	95.79
2d quarter	0		0		0		0		0		0	
3d quarter	2,314	202.86	0		0		4,483	66.36	0		7,260	108.23
4th quarter	0		0		0		0		0		0	
Total and average	2,395	201.82	0		0		6,486	72.97	0		11,007	103.99

Table 94—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1997[a b] (continued)

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

	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs[c]		All species	
	West side		East side									
National Forest	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
All *western* Washington:												
1st quarter	90	192.14	0	--	0	--	2,003	87.77	1	41.00	3,758	96.68
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	7,128	247.39	0	--	0	--	9,074	85.82	1,540	181.99	20,227	154.62
4th quarter	10,853	319.70	0	--	0	--	4,423	138.86	4,521	232.77	26,232	266.28
Total and average	18,071	290.54	0	--	0	--	15,500	101.20	6,062	219.84	50,217	208.61
All western Oregon and western Washington:												
1st quarter	1,424	384.09	4	223.25	0	--	2,013	88.63	1	41.00	6,107	254.15
2d quarter	2,448	367.31	68	463.25	107	345.16	10	324.80	29	179.66	2,887	355.69
3d quarter	61,450	209.27	0		766	244.16	12,923	76.24	2,148	192.90	84,984	217.19
4th quarter	98,952	360.84	3,869	302.88	34	184.95	10,725	195.61	10,564	141.69	144,748	334.98
Total and average	164,274	306.90	3,941	304.53	907	253.86	25,671	127.18	12,742	150.40	237,706	291.38
Eastern Oregon:												
Deschutes–												
1st quarter	0		0	--	0		0		0	--	2,139	5.27
2d quarter	0		0		0		0		0	--	0	--
3d quarter	0		0		283	137.02	0	--	32	57.06	657	115.79
4th quarter	0	--	112	37.06	1,813	160.49	0		733	120.42	14,269	82.23
Total and average	0	--	112	37.06	2,096	157.32	0		765	117.77	17,065	73.88
Fremont–												
1st quarter	0		0	--	0		0		0	--	0	
2d quarter	0	--	0	--	693	201.88	0	--	11	60.27	704	199.67
3d quarter	0	--	0	--	4,153	308.19	0		391	70.53	4,918	269.64
4th quarter	0	--	0	--	3,131	245.51	0		886	87.10	4,050	209.22
Total and average	0	--	0	--	7,977	274.35	0		1,288	81.84	9,672	239.25
Malheur–												
1st quarter	0		0		0		0		0		0	--
2d quarter	0		399	28.05	1,654	34.87	0		632	9.60	2,685	78.64
3d quarter	0		81	153.56	190	266.19	0		132	178.98	849	115.58
4th quarter	0		91	81.93	437	113.01	0		24	167.43	583	110.02
Total and average	0		571	54.44	2,281	69.11	0		788	42.78	4,117	90.70
Ochoco--												
1st quarter	0		0		0		0		0		0	
2d quarter	0	--	641	54.18	2,772	69.72	0	--	5,481	42.07	8,925	63.20
3d quarter	0	--	4,207	11.18	543	42.83	0	--	8,807	8.52	13,557	13.44
4th quarter	0	--	1,524	36.78	297	115.28	0		2,321	16.00	4,142	30.97
Total and average	0	--	6,372	21.63	3,612	69.42	0	--	16,609	20.64	26,624	32.85
Umatilla--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	2,117	29.93	1,418	143.67	0	--	238	4.36	3,773	88.82
3d quarter	0		0		25	345.04	0		41	112.35	389	79.63
4th quarter	0		0		0		0	--	0		0	
Total and average	0		2,117	29.93	1,443	147.16	0		279	20.23	4,162	87.96
Wallowa-Whitman–												
1st quarter	0		755	17.05	1,840	76.71	0		635	41.56	3,382	62.98
2d quarter	0		a47	49.01	2,233	44.22	0		242	63.52	3,488	76.92
3d quarter	0		2,431	105.65	1,174	222.71	0		638	199.06	4,514	155.65
4th quarter	0		2,708	125.09	4,241	152.93	0		1,551	205.19	9,741	162.63
Total and average	0	--	6,741	96.42	9,488	121.20	0		3,066	158.84	21,125	131.03
Winema–												
1st quarter	0	--	0		0		0		196	107.51	471	79.11
2d quarter	0		0	--	296	195.42	0	--	2,778	40.11	9,781	32.01
3d quarter	0	--	0	--	4,080	87.88	0	--	4,429	39.94	10,088	67.24
4th quarter	0	--	0	--	161	143.38	0		0		2,863	85.50
Total and average	0		0	--	4,537	96.87	0		7,403	41.79	23,203	54.88
All eastern Oregon:												
1st quarter	0	--	755	17.05	1,840	76.71	0		831	57.12	5,992	43.65
2d quarter	0	--	4,004	37.66	9,066	82.85	0		9,382	38.92	29,356	62.41
3d quarter	0	--	6,719	47.08	10,448	193.45	0		14,470	30.17	34,972	88.48
4th quarter	0	--	4,435	91.64	10,080	180.05	0		5,515	95.17	35,848	113.39
Total and average	0	--	'15,913	55.70	31,434	150.42	0	--	30,198	45.50	105,968	07.10

Table 94--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1997[a b] (continued)

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

National Forest	Douglas-fir: West side Volume	Douglas-fir: West side Value	Douglas-fir: East side Volume	Douglas-fir: East side Value	Ponderosa and Jeffrey pines Volume	Ponderosa and Jeffrey pines Value	Western hemlock Volume	Western hemlock Value	True firs[c] Volume	True firs[c] Value	All species Volume	All species Value
Eastern Washington:												
Colville--												
1st quarter	0		2,197	172.62	0	--	0	--	0	--	4,509	184.10
2d quarter	0		502	193.04	0	--	0	--	141	159.43	643	185.69
3d quarter	0		4,441	125.07	0	--	0	--	2,099	138.86	6,924	150.02
4th quarter	0	--	9,683	134.74	4	105.81	0	--	4,479	124.49	22,541	152.64
Total and average	0	--	16,823	138.87	4	105.81	0		6,719	129.71	34,617	156.83
Okanogan--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0		1,484	189.18	545	26.45	0	--	0		2,528	154.45
3d quarter	0		7,900	179.09	1,858	215.79	0		0	--	9,872	185.28
4th quarter	0		3,638	142.87	232	53.40	0		0	--	3,976	138.40
Total and average	0	--	13,022	170.12	2,635	162.33	0		0	--	16,376	169.14
Wenatchee-												
1st quarter	0		0		0		0		0		0	--
2d quarter	0		3,894	15.51	477	31.01	0		0		12,449	7.05
3d quarter	0		1,360	72.10	4,930	53.93	0		0	--	6,328	57.84
4th quarter	0	--	1,821	80.95	443	134.18	0		4,855	79.97	13,358	54.16
Total and average	0	--	7,075	43.23	5,850	58.14	0		4,855	79.97	32,135	36.63
All eastern Washington:												
1st quarter	0		2,197	172.62	0		0		0		4,509	184.10
2d quarter	0		5,880	74.50	1,022	28.58	0		141	159.43	15,620	38.25
3d quarter	0	--	13,701	150.96	6,788	98.24	0	--	2,099	138.86	23,124	139.85
4th quarter	0	--	15,142	130.22	679	106.41	0		9,334	101.33	39,875	118.23
Total and average	0	--	36,920	131.57	8,489	90.50	0		11,574	108.85	83,128	112.79
All eastern Oregon and eastern Washington:												
1st quarter	0		2,952	132.83	1,840	76.71	0		831	57.12	10,501	103.96
2d quarter	0		9,884	59.57	10,088	77.36	0		8,523	40.70	44,976	54.02
3d quarter	0	--	20,420	116.78	17,236	155.95	0		16,569	43.94	58,096	108.93
4th quarter	0	--	19,577	121.48	10,759	175.40	0		14,849	99.04	75,523	115.94
Total and average	0	-	52,833	108.72	39,923	137.68	0	--	41,772	63.05	189,096	98.40
Pacific Northwest Region:												
1st quarter	1,424	384.09	2,956	132.95	1,840	76.71	2,013	88.63	832	57.10	15,608	153.10
2d quarter	2,448	367.31	9,952	61.92	10,195	60.17	10	324.80	8,552	41.13	47,843	72.10
3d quarter	61,450	209.27	20,420	116.78	18,002	159.71	12,823	76.24	18,717	61.03	143,080	173.23
4th quarter	98,952	360.84	23,446	151.42	10,793	175.43	10,725	195.61	25,413	116.77	220,271	259.88
Total and average	164,274	306.90	56,774	122.31	40,830	140.26	25,671	127.18	54,514	83.47	426,802	205.88
All of Oregon:												
1st quarter	1,334	397.04	759	18.14	1,840	76.71	10	260.09	831	57.12	7,341	162.94
2d quarter	2,448	367.31	4,072	43.76	9,173	85.91	10	324.80	9,411	39.35	32,223	88.51
3d quarter	54,322	204.26	6,719	47.08	11,214	196.91	3,849	53.66	15,078	37.85	99,729	184.75
4th quarter	88,099	365.91	8,304	190.06	10,114	180.07	6,302	235.44	11,558	83.86	154,164	295.43
Total and average	146,203	308.92	19,854	105.10	32,341	153.32	10,171	166.76	36,878	53.09	293,457	231.78
All of Washington:												
1st quarter	90	192.14	2,197	172.62	0		2,003	87.77	1	41.00	8,267	144.36
2d quarter	0		5,880	74.50	1,022	28.58	0	--	141	159.43	15,620	38.25
3d quarter	7,128	247.39	13,701	150.96	6,788	98.24	9,074	85.82	3,639	157.11	43,351	146.74
4th quarter	10,853	319.70	15,142	130.22	679	106.41	4,423	138.86	13,855	144.22	66,107	176.98
Total and average	18,071	290.54	36,920	131.57	8,489	90.50	15,500	101.20	17,636	147.00	133,345	148.88

[a] Preliminary.

[b] 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.

[c] 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 95—Volume of timber sold on publicly owned or managed lands in Alaska, 1992-97

(In thousand board feet, Swbner scale)

Agency	1992	1993	1994	1995	1996 Total	1996 4th qtr.	1997 1st qtr.	1997 2d qtr.	1997 3d qtr.	1997 4th qtr.	1997 Total
USDA Forest Service'	155,731	67,195	93,942	63,945	74,545	3,830	37,828	71,650	48,425	12,609	170,511
U.S. Bureau of Land Manage.[b]	175	520	250	246	0	0	0	0	0	562	562
U.S. Bureau of Indian Affairs	57	1,200	6,015	0	0	0	118	0	0	0	118
State of Alaska	12,479	23,160	'16,237	32,438	11,567	2,874	2,597	5,043	3,198	859	11,697
Total	168,442	92,075	116,444	96,629	86,112	6,704	40,543	76,693	51,623	14,030	182,888

[a] Convertible products only.

[b] Does not include cull log sales or volume given away through free use permits

[c] Figure available on annual basis only.

Source: Respective agencies listed.

Table 96—Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1992-97

(In dollars per thousand board feet)

Agency	1992	1993	1994	1995	1996		1997				
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service"	18.88	102.27	112.95	35.47	165.54	10.57	138.51	48.53	37.83	38.45	64.71
U.S. Bureau of Land Manage.[b]	11.91	11.73	6.17	19.57	--	--	--	--		10.66	10.66
U.S. Bureau of Indian Affairs	38.60	49.61	101.00	--	--	--	96.00	--	--	-	96.00
State of Alaska	33.63	49.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	19.97	87.87	96.35	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available.

[a] 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.

[b] Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

Table 97--Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1986-97

(Volume in thousand board feet, Scribner scale)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1986	41,784	131,364	a	17,536	190,685
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:					
1st qtr.	7	0	20	0	27
2d qtr.	11,434	23,465	1,819	1,328	38,046
3d qtr.	5,769	15,395	5,331	4	26,499
4th qtr.	557	1,697	284	454	2,991
1996 total	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

[a] 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 98—Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1986-97"

(In dollars per thousand board feet)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1986	18.08	17.41	[b]	32.46	18.94
1987	58.23	25.02	[b]	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:					
1st quarter	150.00	--	97.00	--	110.74
2d quarter	781.43	1.25	1,295.36	45.04	299.11
3d quarter	149.73	1.29	478.07	10.00	129.53
4th quarter	9.83	1.31	29.97	37.44	33.87
1996 average	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

[a] 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.

[b] 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 99—Volume and average value of all species of timber products sold from the USDA Forest Service Regions of the Western United States, 1986-97[a]

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

	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region-east side		Pacific Northwest Region--west side		Alaska Region	
Year	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume[b]	Value
1986	926.8	28.23	334.0	19.68	483.9	26.36	447.7	23.74	1,456.9	72.30	2,020.7	87.64	3,761.9	108.49	255.6	9.12
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	1,282.8	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	357.73	32.2	60.79
1991	717.7	102.64	268.5	46.81	221.2	54.96	279.4	80.11	729.7	152.10	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	230.84	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:																
1st qtr.	25.0	107.72	10.6	103.39	3.4	18.68	45.4	70.47	108.1	116.27	101.2	69.32	29.2	213.01	.4	15.08
2d qtr.	80.7	79.10	26.8	63.83	3.3	17.24	106.0	49.10	79.8	107.76	71.9		177.5	280.99	39.3	288.80
3d qtr.	150.4	132.15	27.4	51.65	14.2	15.25	75.4	61.98	79.2	100.48	156.8	88.46	92.6		31.0	30.00
4th qtr.	222.5	144.14	30.0	163.92	17.0	32.96	72.5	72.87	213.1	127.16	266.9	97.02	232.8	322.41	3.8	10.57
Total and average	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	92.8	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
Total and average	328.7	158.65	217.4	117.81	110.8	79.58	155.0	126.83	538.8	105.58	289.2	75.26	330.6	249.04	170.5	64.71

[a] 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.

[b] Does not include long term 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

Table 100--Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1986-97"

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

	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region-east side		Pacific Northwest Region–westside		Alaska Region	
Year	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
1986	1,016.1	37.73	452.6	12.91	502.6	46.32	476.9	17.43	1,952.3	82.15	1,948.9	92.84	3,306.1	99.15	272.2	3.29
1987	1,132.1	42.05	433.4	14.92	486.6	56.42	446.2	25.51	1,960.3	102.57	1,970.4	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		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	130.51	3 031.2	193.68	461.9	13.30
1990	904.5	68.55	383.8	29.81	361.7	40.50	408.2	51.95	1 521.1	123.13	1,546.0		1,941.8	237.93	475.0	39.48
1991	806.8	78.54	389.8	37.91	337.9	59.82	369.1	59.93	1,336.2	139.30	1,265.4	157.22	1,965.2	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		172.58		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:																
	69.1	182.40	23.6	174.55	7.8	94.51	30.4	152.25	55.6	128.98	93.6	148.87	48.2	340.21	22.6	125.59
	40.3	201.74	11.2	129.29	4.8	76.36	39.2	153.14	68.3	143.55	96.3	63.44	64.4	392.46	31.4	101.36
3d qtr.	151.8	188.64	45.9	135.07	13.7	48.94	106.8	128.50	208.3	137.17	149.9	126.25	109.0	359.51	24.3	129.76
4th qtr.	83.9	159.85	53.6	143.24	14.5	33.88	85.6	125.79	125.3	139.16	102.3		73.1	388.06	19.6	52.17
Total and average	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

Note: Negative stumpage value caused by emergency rate redeterminations.

[a] 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 101--Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1988-98[a]

(In million board feet?Scribner log rule)

			Idaho[b]			
Year	California"	Montana	Northern	Southern	Oregon[d]	Washington[d]
1988	**3,415.4**	**980.8**	**1,272.0**	**"481.3**	**6,864.5**	**3,094.6**
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**	**"282.5**	**1,176.4**	**342.5**
1998	**569.4**	**"291.6**	**"284.9**	**'211.5**	**1,023.5**	**295.2**

[a] As of June **30** unless otherwise noted.

[b] 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.

[c] This figure is sawtimber volume only.

[d] Before **1986,** the volume figures included some buy-out and default volumes.

[e] As of September 30.

'As of December **31.**

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

Table 102--Sale quantity and unyarded volume under contract on Bureau of Land Management lands in Western Oregon, 1988-98

(In million board feet, Scribner scale)

Year	Sale quantity	Unyarded volume under contract	Ratio
1988	1,014	1,728	1.7
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	281	1.3
1998	258	495	1.9

Source: Bureau of Land Management.

Table 103--Allowable annual cut and uncut volume under contract on Oregon State lands, 1988-98[a]

(In million board feet, Scribner scale)

Year	Allowable cut	Uncut volume under contract	Ratio
1988	193	307	1.6
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

[a] As of December 31.

Source: State of Oregon, Department of Forestry.

Table 104--Sustainable harvest and uncut volume under contract on Washington State lands, 1988-98"

(In million board feet, Scribner scale)

Year	Sustainable harvest	Uncut volume under contract	Ratio
1988	778	796	1.0
1989	778	851	1.1
1990	857	831	1.0
1991	[b]840	856	1.0
1992	[b]840	749	.9
1993	[b]840	803	1.0
1994	[b]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

NA = not available.

[a] As of June 30.

[b] Figure does not reflect environmental constraints; permitted or "sustainable" harvest is unknown.

Source: State of Washington, Department of Natural Resources.

Table 105--Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1992-97

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
1992	1	16	9	25	6	19	5	11	10	44
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:										
1st qtr.	2	4	0	2	0	0	0	0	0	0
2d qtr.	0	4	0	0	1	1	0	0	0	1
3d qtr.	1	8	0	3	0	16	3	4	3	17
4th qtr.	1	13	0	5	1	11	5	9	0	3
1997 total	4	29	0	10	2	28	8	13	3	21

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
1992	0	7	11	27	6	14	0	13	0	7
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:										
1st qtr.	0	1	0	2	0	0	0	0	1	2
2d qtr.	0	0	0	0	1	2	0	1	0	0
3d qtr.	0	5	0	1	0	4	0	7	3	7
4th qtr.	1	1	0	3	0	1	0	4	0	0
1997 total	1	7	0	6	1	7	0	12	4	9

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
1992	1	1	1	2	2	6	2	12	3	9
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:										
1st qtr.	0	0	0	2	0	0	0	0	0	1
2d qtr.	3	4	0	2	0	0	0	3	0	2
3d qtr.	1	4	0	5	1	12	4	4	0	8
4th qtr.	0	1	0	0	0	0	0	0	0	15
1997 total	4	9	0	9	1	12	4	7	0	26

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
1992	15	34	1	10	11	33	0	15	84	305
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:										
1st qtr.	0	4	0	1	0	1	0	2	3	22
2d qtr.	0	5	0	2	3	5	0	6	8	38
3d qtr.	1	7	0	4	8	16	1	4	26	136
4th qtr.	0	4	0	6	5	15	0	2	13	93
1997 total	1	20	0	13	16	37	1	14	50	289

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

Table 106--Volume and average value of timber sold on set-aside sales on the National Forests, Pacific Northwest Region, 1992-97

(Volume in thousand 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
1992	40	185.00	29,050	136.32	14,940	446.32	6,547	121.09	1,915	142.07
1993	0	--	1,075	705.35	23.340	535.30	325	381.87	749	414.16
1994	595	144.32	12,220	93.61	1,314	140.48	0	--	1,152	185.74
1995	623	191.98	47	367.19	0	--	8,540	227.81	0	--
1996	151	260.00	6,478	98.65	0	--	28,389	365.09	1,608	62.34
1997:										
1st qtr.	379	173.89	0	--	0	--	0	--	0	--
2d qtr.	0	--	0	--	704	199.67	0	--	0	--
3d qtr.	6,000	150.94	0	--	0	--	4,870	216.71	529	123.81
4th qtr.	13,916	159.20	0	--	210	56.79	22,485	262.18	0	--
1997 total	20,295	157.03	0	--	914	166.04	27,355	254.08	529	123.81

Quarter	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1992	0	--	4,685	208.23	17,580	577.39	0	--	0	--
1993	0	--	5,767	343.25	150	335.00	0	--	7,500	295.61
1994	0	--	2,382	462.77	75	480.00	2,390	424.70	3,930	307.70
1995	0	--	7,656	305.04	0	--	4,554	290.94	3,542	326.45
1996	0	--	23.480	258.56	0	--	3,750	258.08	1,444	77.60
1997										
1st qtr	0	--	0	--	0	--	0	--	97	139.99
2d qtr	0	--	0	--	2,106	97.49	0	--	0	--
3d qtr	0	--	0	--	0	--	0	--	4,956	122.88
4th qtr	1,504	173.65	0	--	0	--	0	--	0	--
1997 total	1,504	173.65	0	--	2,106	97.49	0		5,053	123.21

Quarter	Rogue River		Siskiyou		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1992	18	155.33	70	52.60	227	98.65	124	214.66	1,220	418.93
1993	8.030	480.78	0	--	1,820	285.06	8,011	366.78	247	637.62
1994	9,265	886.61	0	--	0	--	0	--	12	623.42
1995	11,648	462.06	0	--	0	--	137	58.60	172	394.05
1996	23,746	332.67	0	--	0	--	0	--	8,277	485.53
1997:										
1st qtr.	0	--	0	--	0	--	0	--	0	--
2d qtr.	451	330.03	0	--	0	--	0	--	0	--
3d qtr.	1,273	347.00	0		4,604	130.85	389	79.63	0	--
4th qtr.	0	--	0	--	0	--	0	--	0	--
1997 total	1,724	342.56	0	--	4,604	130.85	389	79.63	0	--

Quarter	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1992	36.106	153.46	3,640	12.57	4.755	384.43	0	--	120.917	254.59
1993	0	--	700	179.13	6,500	503.88	20,740	452.20	84,954	449.51
1994	0	--	0	--	3,252	433.74	0	--	36,587	399.69
1995	0	--	45,473	25.25	254	530.26	0	--	82,646	165.04
1996	0	--	1,986	152.13	17,354	314.26	6,835	156.42	123,490	299.90
1997:										
1st qtr.	0		0	--	0	--	0	--	476	166.98
2d qtr.	0	--	0		183	376.34	0	--	3,444	163.64
3d qtr.	997	218.96	0	--	820	406.20	2,050	76.75	26,488	166.84
4th qtr.	0	--	0		17,271	352.20	0	--	55,386	261.20
1997 total	997	218.96	0		18.274	354.87	2,050	76.75	85,794	227.63

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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Warren, Debra D. 1999. Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1997. Resour. Bull. PNW-RB-230. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 130 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).

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