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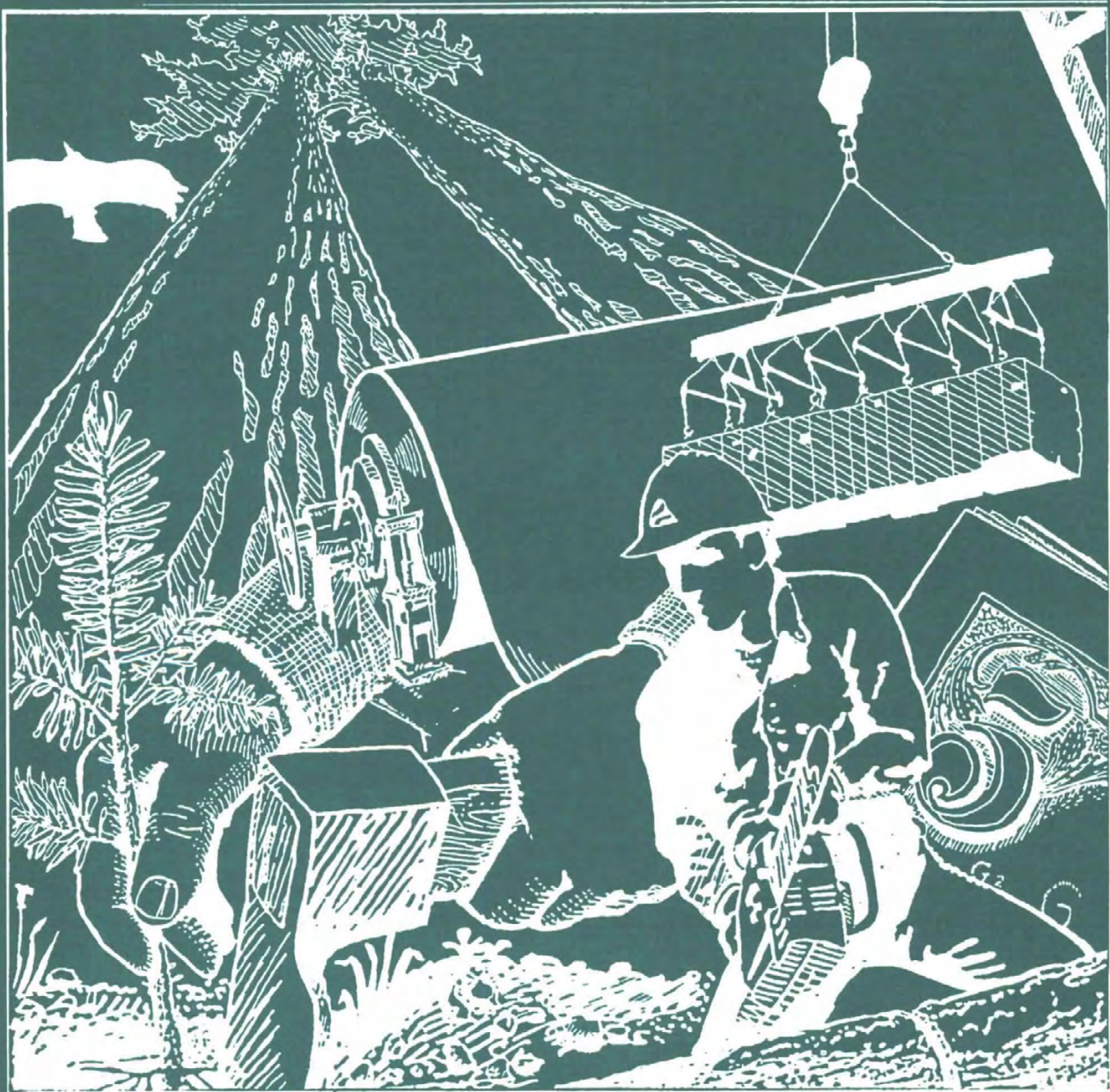
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Production, Prices, Employment, and Trade in Northwest Forest Industries, Fourth Quarter 1993

Debra D. Warren



ABSTRACT

Warren, Debra D. 1994. Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1993. Resour. Bull. PNW-RB-202. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 128 p.

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

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

PREFACE

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.

AUTHOR

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Western Lumber Production and Prices

- *Softwood lumber production*

A total of 17.4 billion board feet of softwood lumber was produced in the Western United States in 1993, and the total U.S. figure was 33.1 billion board feet (table 1). Total softwood lumber production in the fourth quarter of 1993 was 8.3 billion board feet, and nearly 53 percent of that was produced in the West.

- *Wholesale lumber prices increase*

Average wholesale prices rose in 1993 for selected lumber products (table 7). Compared with third quarter 1993 average values, fourth quarter changes ranged from a 6.7-percent increase for no. 2 shop ponderosa pine, to a 41.1-percent increase for spruce-pine-fir.

Plywood Production and Prices

- *Plywood production increases*

United States softwood structural panel board production in 1993, at 25,873 million square feet (3/8-inch basis), increased 2.2 percent from 1992. Production in the fourth quarter of 1993 was down 1.8 percent from third quarter (table 1).

Wholesale prices of selected plywood products increased significantly from 1992 to 1993. Fourth quarter 1993 prices averaged an 8.5-percent increase (table 8) over third quarter prices.

Employment in Forest Products Industries

- *Employment numbers fall in 1993*

The number of persons employed in the lumber and wood products industries decreased in 1993 in Alaska, Washington, and Oregon (tables 20 and 22). A new table (table 21) shows the forest industry employment compared with total employment numbers.

In Oregon and Washington, there were 10.9 direct jobs per million board feet of timber harvested in 1992 (using the harvest figure from table 15).

Log, Pulp, and Chip Exports

- *Washington and Oregon log exports decrease in 1993*

Log exports from Washington and Oregon ports totaled 1,707.6 million board feet in 1993, as compared to 2,181.7 million board feet in 1992. In the fourth quarter of 1993, Washington Customs District exported 185.1 million board feet of logs to all countries, and Oregon Customs District exported 160.1 (table 24).

- *Log export prices up sharply*

Softwood log exports from Washington and Oregon ports averaged \$984.51 (per thousand board feet) in 1993, up from the 1992 average of \$687.01. Most of the fourth quarter values decreased, however, compared to third quarter 1993 (table 26).

- *Log exports increase in California and Alaska in 1993*

San Francisco Customs District exported 47.0 percent more logs in 1993 than in 1992 (table 27). The Anchorage Customs District exported 5.8 percent more logs in 1993 than in 1992 (table 28).

- *Pulp volumes drop in 1993*

The four western customs districts showed a decrease in pulp export volumes from 1992 to 1993 (table 45).

- *Average value of pulp exports fluctuate slightly*

Most customs districts indicated minor fluctuations in the average values for both grades of pulp exports from 1992 to 1993 (table 46).

- *Chip exports increase in two customs districts*

Seattle and Anchorage Customs Districts reflected an increase in the volume of chips exported in 1993. Average values of chips remain fairly stable except for the Anchorage Customs District (table 47); the average value jumped from \$21.73 in 1992 to \$110.13 in 1993.

Lumber, Plywood, and Veneer Exports

- *Lumber export volumes down--except Alaska*

The lumber export figures showed drops for most western customs districts from 1992 to 1993 (tables 48, 52, and 53). The Columbia-Snake Customs District had a decrease of 12.0 percent from 1992, and the Seattle Customs District dropped 8.7 percent. Both northern and southern California lumber exports dropped. Alaska, however, increased lumber export volumes by 11.2 percent from 1992 to 1993.

- *Average value of lumber higher*

In the Seattle and Columbia-Snake Customs Districts, the average value of lumber exports rose from \$553.11 (per thousand board feet) in 1992 to \$651.38 in 1993 (table 50). Northern California and Alaska (tables 52 and 53) lumber export prices also increased.

Timber Sold by Forest Service Regions

- *Lumber imports increase*

The Seattle Customs District imported nearly 3.3 billion board feet of lumber in 1993, mostly from Canada (table 66). The Columbia-Snake Customs District imported 19.6 million board feet in 1993, compared with only 6.4 million in 1992 (table 68).

- *Plywood exports decrease*

The 1993 plywood exports decreased from Oregon and Washington combined. The average values showed increases in 1993.

- *Softwood veneer exports increase in 1993*

Compared with 1992, softwood veneer exports were up 38.7 percent in Oregon and Washington in 1993 (table 72). Veneer export values remained pretty much the same for 1993.

- *Sold volume in Northern Region is down for 1993*

The amount of timber sold in Montana and northern Idaho dropped 21.0 percent from 1992 to 1993 (table 73). The average values for all owners increased from \$180.04 in 1992 to \$321.28 in 1993 (table 74).

- *Sold volume drops in northern California*

In 1993, the volume of timber sold on all lands in northern California decreased 47.5 percent from the 1992 total (table 81). The average value of timber sold, however, increased from \$135.65 in 1992 to \$239.34 in 1993 (table 82).

- *Sold volume in Washington and Oregon decreases*

Oregon and Washington showed a decrease of 9.5 percent in the amount of timber sold on public lands from 1992 to 1993 (table 87). Average prices for 1993 have increased from \$274.26 in 1992 to \$414.01 in 1993 (table 88).

- *Alaskan National Forests show a drop in timber sold*

In 1993, the volume of timber sold on National Forest lands in Alaska decreased 56.9 percent from 1992 (table 93). Average values increased fairly substantially.

TABLES AND FIGURES

Table 1--U.S. softwood lumber and structural panel board production, 1982-93

Year	U.S. softwood lumber production				U.S. softwood structural panel board production ^b
	Total softwood lumber	Western region ^a	Southern pine region	Other softwoods	
	----- Million board feet -----				Million feet, 3/8-inch basis
1982	23,787	13,724	8,754	1,309	17,150
1983	29,726	18,002	10,181	1,543	20,926
1984	31,174	18,985	10,674	1,515	22,446
1985	31,321	19,068	10,730	1,523	23,129
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:					
January	2,688	1,441	1,119	128	2,010
February	2,751	1,458	1,162	131	2,013
March	2,867	1,579	1,151	137	2,281
Total, 1st quarter	8,306	4,478	3,432	396	6,304
April	2,823	1,564	1,125	134	2,143
May	2,541	1,363	1,057	121	2,148
June	2,726	1,352	1,244	130	2,154
Total, 2d quarter	8,090	4,279	3,426	385	6,445
July	2,806	1,408	1,264	134	2,170
August	2,877	1,503	1,237	137	2,211
September	2,742	1,351	1,260	131	2,240
Total, 3d quarter	8,425	4,262	3,761	402	6,621
October	2,972	1,508	1,322	142	2,282
November	2,659	1,518	1,014	127	2,137
December	2,625	1,321	1,179	125	2,084
Total, 4th quarter	8,256	4,347	3,515	394	6,503
1993 total	33,077	17,366	14,134	1,577	25,873

^a Includes western, inland, and California redwood regions.

^b Since January 1983, structural panel board includes plywood, waferboard, and oriented strand board (OSB). Before 1983, statistics refer to plywood production in the United States.

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

Table 2--Lumber production in Northwest States, 1982-92

(In million board feet)

Year	Washington	Oregon	California ^a	Montana	Idaho
1982	3,059	4,682	2,987	895	1,245
1983	3,821	6,579	3,574	1,316	1,657
1984	3,697	7,202	3,891	1,387	1,686
1985	3,419	7,211	4,168	1,445	1,676
1986	4,132	8,149	4,865	1,563	1,876
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

^a Includes 1 mill in Nevada.

Source: Western Wood Products Association, Portland, Oregon.

Table 3--Softwood lumber production in the inland region, by species, 1982-92^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
1982	6,681	2,649	113	141	1,509	1,029	313	376	551
1983	8,488	3,378	163	192	1,851	1,272	323	532	777
1984	8,992	3,537	132	215	1,905	1,524	431	618	630
1985	9,276	3,430	114	258	2,050	1,701	433	534	756
1986	10,482	3,759	115	258	2,330	2,055	547	747	671
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	87	291	2,683	2,600	473	835	612
1990	10,452	3,521	77	307	2,455	2,351	418	756	567
1991	9,510	3,105	68	292	2,374	2,115	424	652	480
1992	9,263	2,989	70	222	2,285	2,058	381	725	533

^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. Before 1979, hemlock was included in "Other softwoods"; since 1979, hemlock is included in "Hem-fir." The historical data are revised to reflect this change.

Source: Western Wood Products Association, Portland, Oregon.

Table 4—Lumber production in the coast region, by species, 1982-92^a

(In million board feet)

Year	All species	Douglas-fir	Hem-fir ^b	Western redcedar	Incense-cedar	Pine	Other softwoods	Hardwoods
1982	5,743	3,570	1,427	335	43	193	19	156
1983	7,934	5,088	1,877	445	55	270	20	179
1984	8,329	5,538	1,753	426	79	288	16	229
1985	8,062	5,449	1,555	432	69	316	12	229
1986	9,412	6,479	1,781	475	72	322	13	270
1987	10,354	7,064	1,988	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

^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, 1983-93^a

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

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States ^b	Northern States ^c
1983	20,767.0	6,719.0	1,369.0	260.0	1,152.0	9,967.0	1,300.0
1984	21,967.8	6,779.4	1,539.8	232.1	1,131.0	10,511.9	1,773.6
1985	22,838.2	6,750.3	1,645.2	160.8	1,293.2	11,033.8	1,955.0
1986	25,632.8	7,826.3	1,718.6	121.6	1,405.6	12,272.1	2,288.5
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

^a Since January 1983, structural panel board includes plywood, waferboard, and oriented strand board (OSB). Before 1983, statistics refer to plywood production in the United States.

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

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

Source: American Plywood Association.

Table 6—Softwood lumber and plywood production in British Columbia, 1982-92

Year	Softwood lumber production			Softwood plywood production
	Total	Coast	Interior	
	----- Million board feet -----			Million ft ² , 3/8-inch basis
1982	9,944	3,002	6,942	1,616
1983	13,043	4,140	8,903	1,992
1984	13,078	3,903	9,175	1,754
1985	14,004	3,996	10,008	1,855
1986	13,335	3,753	9,582	1,733
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	9,843	1,610
1992	14,141	3,516	10,625	1,754

Source: Statistics Canada, Ottawa, Canada.

Table 7--Wholesale prices of selected lumber products, 1982-93

(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
1982	167.00	253.00	357.00	160.00	141.00
1983	222.00	258.00	571.00	213.00	185.00
1984	202.01	285.94	495.50	189.70	153.35
1985	206.15	235.01	494.27	189.91	153.34
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:					
January	337.50	517.50	945.00	325.75	306.50
February	416.25	527.50	1,038.75	428.75	416.50
March	488.75	530.00	1,141.25	497.00	464.25
Average, 1st quarter	414.17	525.00	1,041.25	417.17	395.75
April	500.00	478.00	1,191.00	484.00	356.00
May	436.25	427.50	1,182.50	418.75	249.00
June	418.00	427.50	1,090.00	400.00	239.25
Average, 2d quarter	451.42	444.33	1,165.33	435.08	281.42
July	393.00	389.00	1,016.00	372.00	228.80
August	385.00	458.75	965.00	370.00	279.50
September	392.50	507.50	978.75	373.00	311.50
Average, 3d quarter	390.17	451.75	986.58	371.67	273.27
October	373.60	470.00	1,014.00	358.00	322.20
November	408.00	508.75	1,045.00	410.00	389.00
December	470.40	561.00	1,100.00	483.00	445.60
Average, 4th quarter	417.33	513.25	1,053.00	417.00	385.60
1993 average	418.27	483.58	1,061.65	410.23	334.01
----- 4th quarter 1993 change, in percent -----					
From:					
3d quarter 1993	7.0	13.6	6.7	12.2	41.1
4th quarter 1992	38.1	18.9	28.0	46.8	62.9

Source: Random Lengths Publications, Inc.

Table 8--Wholesale prices of selected softwood plywood products, 1982-93

(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
1982	135.00	139.00	185.00
1983	154.00	158.00	179.00
1984	151.76	150.24	170.93
1985	150.08	146.77	175.52
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:			
January	264.50	247.50	351.00
February	279.00	265.25	368.00
March	264.50	258.75	359.50
Average, 1st quarter	269.33	257.17	359.50
April	235.50	223.75	344.75
May	213.25	183.25	322.50
June	224.75	192.25	298.00
Average, 2d quarter	224.50	199.75	321.75
July	216.00	196.80	286.00
August	219.00	200.75	301.25
September	223.75	208.00	311.50
Average, 3d quarter	219.58	201.85	299.58
October	213.20	203.80	303.80
November	249.50	231.50	318.75
December	250.60	245.00	320.00
Average, 4th quarter	237.77	226.77	314.18
1993 average	237.80	221.38	323.75
----- 4th quarter 1993 change, in percent -----			
From:			
3d quarter 1993	8.3	12.3	4.9
4th quarter 1992	3.9	11.2	4.4

^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, 1982-93^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	
1982	4.5	648	4.3	375	12.3	283	22.3	198	38.1	159	14.6	126	3.9	78	1,551,419
1983	3.3	685	3.5	426	12.4	262	23.8	222	42.4	201	10.6	162	3.9	87	2,752,061
1984	2.6	688	3.4	407	15.3	249	22.5	223	42.8	189	9.4	137	4.0	72	3,168,494
1985	2.4	671	3.2	410	16.4	249	23.9	226	41.8	190	8.5	131	3.8	68	2,927,403
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:															
1st quarter	.1	1,182	.8	723	11.7	469	24.2	517	54.0	375	5.5	282	3.6	168	577,373
2d quarter	.1	1,178	.7	892	10.7	587	24.3	511	55.4	415	5.0	314	3.8	193	569,718
3d quarter	.1	1,128	.6	807	11.9	479	22.6	505	55.4	377	5.8	285	3.7	172	608,916
4th quarter	.1	1,314	.7	825	10.3	518	25.7	531	54.1	403	5.4	300	3.7	166	630,000
1993 average	.1	1,197	.7	809	11.2	511	24.2	517	54.7	393	5.4	295	3.7	175	2,386,007

^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.

14 Table 10--Percentage of total volume for ponderosa pine lumber, inland mills, 1982-93^a

(In thousand board feet)

Year	4/4 selects and 1 shop					5/4 and thicker moulding and shops					4/4 commons and 8/4 std. & btr.				Low value		Total volume, all grades
	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.	
1982	1.1	.3	.7	.9	3.1	5.8	3.2	15.7	13.5	5.1	4.2	8.0	26.9	8.8	1.3	1.6	1,488,103
1983	1.0	.3	.7	.9	2.8	5.8	3.3	17.2	15.6	5.3	3.9	7.8	25.4	7.1	1.2	1.5	1,876,743
1984	1.0	.3	.6	.9	2.7	5.3	3.5	17.6	15.4	4.2	4.1	7.2	26.8	7.1	1.6	1.7	1,970,046
1985	.9	.3	.6	.9	2.7	5.1	3.4	18.2	16.2	4.1	3.8	7.2	26.7	7.0	1.4	1.4	2,018,896
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:																	
1st quarter	.4	.1	.2	.5	1.8	5.4	2.0	13.5	21.1	15.1	3.5	7.1	21.0	4.9	2.3	1.0	475,925
2d quarter	.3	.1	.1	R.3	R1.6	R4.8	R1.9	R14.0	R21.9	R14.6	R3.5	R9.7	R20.7	R4.7	R.7	R1.1	R444,903
3d quarter	.4	.1	.2	R.4	R1.6	R4.3	R1.6	R11.8	R21.0	R14.4	R3.1	R10.2	R22.6	R5.5	R1.5	R1.3	R472,200
4th quarter	.3	.1	.2	.6	1.6	4.0	1.6	11.3	21.9	15.2	3.0	8.7	23.3	5.7	1.2	1.3	451,034
1993 total	.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

R = revised.

^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, 1982-93

(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. 4 in. 4 com. 4-12 in.	No. 3 and util.	5 com. and econ.
1982	1,187	865	610	401	330	813	549	473	308	203	450	289	237	165	122	87
1983	1,214	1,404	659	513	363	1,056	662	570	401	225	388	305	222	160	155	90
1984	1,363	1,163	724	499	368	949	622	506	349	203	432	319	235	149	124	83
1985	1,463	863	779	506	342	1,087	614	498	366	204	456	312	208	143	127	75
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:																
1st quarter	2,091	1,777	1,476	1,021	674	2,163	1,152	1,011	747	464	816	535	417	287	233	166
2d quarter	2,544	2,176	1,874	1,218	769	1,982	1,309	1,178	892	R517	659	495	R396	318	358	191
3d quarter	2,141	1,848	1,510	1,000	661	1,645	1,134	1,010	R646	R385	589	423	R334	279	228	168
4th quarter	2,113	1,878	1,363	917	703	1,984	1,150	1,029	683	424	757	562	381	279	248	172
1993 average	2,198	1,910	1,510	1,019	700	1,957	1,189	1,059	741	447	706	498	381	289	250	174

R = revised.

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

Table 12--Percentage of total volume and f.o.b. mill prices for hem-fir lumber, inland mills, 1982-93^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, all grades
	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	Percent	Price	
1982	1.8	584	6.4	245	.5	185	20.6	189	49.2	163	15.1	116	6.3	77	659,593
1983	1.9	655	7.0	346	.7	246	20.9	228	50.3	204	14.0	155	5.2	90	812,622
1984	2.2	555	6.4	269	.9	225	22.0	210	49.5	185	13.1	129	5.9	76	1,065,130
1985	1.7	511	5.7	323	.9	225	24.5	221	50.2	188	11.5	128	5.5	76	1,101,286
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:															
1st quarter	1.1	1,361	4.0	626	4.3	456	30.0	485	46.4	373	9.2	266	5.0	179	353,728
2d quarter	1.5	1,464	5.5	794	3.6	456	30.0	414	45.2	401	9.3	312	5.0	199	287,284
3d quarter	1.4	1,043	4.4	527	3.9	384	29.1	370	49.1	327	8.1	248	3.9	174	328,011
4th quarter	1.1	1,258	4.6	689	3.9	477	29.9	474	47.4	398	9.1	279	4.0	172	343,588
1993 average	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

^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 13—Percentage of total volume and f.o.b. mill prices for hem-fir lumber, coast mills, 1982-93^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	
1982	.4	712	4.9	319	6.0	202	7.2	209	59.1	158	17.1	123	5.3	70	577,243
1983	.4	737	4.0	386	5.6	245	8.8	240	61.6	205	13.8	156	5.8	97	857,819
1984	.4	683	4.2	348	5.3	227	12.9	228	60.8	187	10.0	128	6.3	79	959,799
1985	.4	638	4.0	337	3.3	226	15.0	232	63.0	189	8.4	123	6.0	79	830,607
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	76	1,011,504
1988	.3	633	2.2	461	3.2	273	14.2	289	66.4	221	8.2	137	5.5	89	946,868
1989	.3	718	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:															
1st quarter	0	—	1.0	570	8.1	433	16.2	460	61.5	375	7.5	259	5.6	176	247,562
2d quarter	0	—	.8	679	8.1	453	15.2	445	63.9	380	7.1	281	5.0	202	206,121
3d quarter	0	—	.5	691	5.4	392	18.5	389	62.2	317	6.9	237	6.4	163	242,778
4th quarter	0	—	.8	659	5.6	446	19.0	475	60.2	388	7.4	189	7.0	183	280,903
1993 average	0	—	.8	640	6.7	433	17.4	443	61.8	365	7.2	238	6.1	179	977,364

R = revised.

^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--Average prices for domestic and exported alder, western region, 1986-93

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

Year and quarter	Domestic alder		Exported alder	
	1 by 4 green pallet stock	4/4 select and better	Logs	Lumber
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:				
1st quarter	231.00	976.50	421.82	977.56
2d quarter	236.67	1,018.83	644.32	1,032.18
3d quarter	245.00	1,040.00	406.63	1,035.72
4th quarter	246.25	1,073.75	616.83	1,084.85
1992 average	239.73	1,027.27	506.50	1,035.20
1993:				
1st quarter	266.67	1,140.00	517.61	1,110.75
2d quarter	275.00	1,180.00	627.32	1,141.64
3d quarter	276.25	1,200.83	611.94	1,168.69
4th quarter	290.00	1,245.00	621.92	1,192.98
1993 average	276.98	1,191.46	592.40	1,153.19

NA = not available.

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

Table 15--Washington and Oregon timber harvest by ownership, 1982-92

(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:							
1982	3,740	440	728	1	152	18	5,079
1983	4,025	549	1,240	8	238	28	6,088
1984	3,545	795	1,189	2	205	66	5,802
1985	3,561	1,013	1,128	5	213	43	5,963
1986	3,989	1,064	1,232	4	235	32	6,556
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	842	1,141	1	262	22	6,788
1990	4,147	657	817	4	182	42	5,849
1991	3,650	535	704	1	172	42	5,104
1992	3,844	476	461	a	186	51	5,018
Oregon:							
1982	3,440	175	1,688	312	126	17	5,758
1983	3,374	257	2,902	789	112	31	7,464
1984	3,078	249	3,164	920	101	38	7,550
1985	3,332	268	3,480	891	121	34	8,127
1986	3,494	225	3,850	1,042	104	28	8,743
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	R3,581	135	1,403	483	111	29	R5,742
1993P	NA	114	1,165	361	NA	NA	5,300

R = revised.

P = preliminary.

NA = not available.

^a Less than 1 million board feet.

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

**Table 16—British Columbia timber harvest,
1982-92**

(In thousand cubic meters)

Year	Coast ^a	Interior ^b	Total
1982	21 352	34 879	56 231
1983	26 846	44 597	71 443
1984	27 229	47 328	74 557
1985	27 722	49 146	76 868
1986	26 561	50 942	77 503
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

^a Comprises the Vancouver Forest District and 1/2 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 17--Montana and Idaho timber harvest by ownership, 1982-92

(In million board feet, Scribner scale)

State and year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest	Total
Montana:						
1982	492.4	29.5	29.8	10.6	274.5	836.8
1983	568.7	27.1	37.9	14.8	569.2	1,217.7
1984	555.6	24.9	45.0	5.3	479.3	1,110.0
1985	560.1	26.0	18.8	7.9	551.4	1,164.2
1986	708.0	26.2	13.1	9.1	515.4	1,271.8
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
Idaho:						
1982	642.2	82.3	10.9	17.7	450.2	1,203.3
1983	727.0	155.0	19.2	21.8	791.1	1,714.1
1984	860.8	197.5	17.5	13.3	687.8	1,776.8
1985	646.2	170.4	14.1	24.4	733.6	1,588.7
1986	684.0	161.8	12.2	22.8	809.9	1,690.7
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

Source: Respective agencies.

Table 18--Alaska timber harvest by ownership, 1982-92

(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	
1982	35,198	220,500	2,895	340	79	419	344,857	679	345,536	604,548
1983	35,511	243,400	5,900	346	30	376	251,177	751	251,927	537,114
1984	28,044	222,400	0	0	0	0	260,977	545	261,522	511,966
1985	12,864	275,300	871	205	66	271	265,300	354	265,654	554,960
1986	18,995	331,200	0	0	252	252	271,579	563	272,142	622,589
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	590,100	6,163	675	175	850	392,348	2,973	395,321	1,019,236

Source: Respective agencies.

Table 19--California timber harvest by ownership, 1982-92

(In million board feet, Scribner scale)

Year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest ^a	Total
1982	1,501	42	8	9	937	2,497
1983	1,890	43	14	25	1,676	3,648
1984	2,093	34	21	7	1,559	3,714
1985	2,172	36	5	17	1,826	4,056
1986	2,313	29	27	27	1,963	4,359
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

^a Includes sawtimber, poles, posts, fuelwood, cull logs, and other miscellaneous convertible products.^b Fiscal year basis.

Source: Respective agencies.

Table 20—Employment in forest products industries in Washington and Oregon, 1982-93

(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
1982	120.4	94.6	25.8	55.2	39.0	16.2	65.2	55.6	9.6
1983	128.7	103.7	25.0	56.8	41.1	15.7	71.9	62.6	9.3
1984	132.9	107.7	25.2	57.2	41.0	16.2	75.7	66.7	9.0
1985	126.1	100.9	25.2	53.4	37.3	16.0	72.7	63.6	9.1
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	R135.6	R109.6	R26.0	R58.8	R41.7	R17.1	76.8	67.9	8.9
1989	R135.1	R108.2	R27.0	R59.0	R41.1	R17.9	76.1	67.0	9.1
1990	R130.8	R103.6	R27.2	R58.0	R39.9	R18.1	72.8	63.7	9.1
1991	R120.7	R93.5	R27.2	R54.3	R36.4	17.9	66.4	57.1	9.3
1992	R117.6	R90.8	R26.8	R54.3	R36.5	R17.8	63.3	54.3	9.0
1993:									
January	R113.7	R87.8	R25.9	52.5	35.8	16.7	R61.2	R52.0	R9.2
February	R114.2	R88.3	R25.9	52.7	36.0	16.7	R61.5	R52.3	R9.2
March	R114.2	R88.3	R25.9	52.8	36.1	16.7	R61.4	R52.2	R9.2
Average, 1st quarter	R114.0	R88.1	R25.9	52.7	36.0	16.7	R61.4	52.2	R9.2
April	R113.4	87.9	R25.5	52.6	36.2	16.4	R60.8	51.7	R9.1
May	R113.7	88.0	R25.7	52.9	36.3	16.6	R60.8	51.7	R9.1
June	R116.4	R90.3	R26.1	53.6	36.8	16.8	R62.8	R53.5	R9.3
Average, 2d quarter	R114.5	R88.7	R25.8	53.0	36.4	16.6	R61.5	R52.3	R9.2
July	R117.4	R91.1	R26.3	53.5	36.5	17.0	R63.9	R54.6	R9.3
August	R117.1	R91.5	R25.6	52.9	36.3	16.6	R64.2	R55.2	R9.0
September	R117.9	R91.8	R26.1	53.6	36.7	16.9	R64.3	R55.1	R9.2
Average, 3d quarter	R117.5	R91.5	R26.0	53.3	36.5	16.8	R64.1	R55.0	R9.2
October	116.0	90.6	25.4	52.4	35.9	16.5	63.6	54.7	8.9
November	114.6	89.3	25.3	52.0	35.5	16.5	62.6	53.8	8.8
December	114.2	88.4	25.8	52.0	35.1	16.9	62.2	53.3	8.9
Average, 4th quarter	114.9	89.4	25.5	52.1	35.5	16.6	62.8	53.9	8.9
1993 average	115.2	89.4	25.8	52.8	36.1	16.7	62.5	53.4	9.1
----- 4th quarter 1993 change in employment -----									
From:									
3d qtr. 1993	-2.6	-2.1	-.5	-1.2	-1.0	-.2	-1.3	-1.1	-.3
4th qtr. 1992	-1.1	-.4	-.7	-1.4	-.7	-.7	.3	.3	0.0

R = revised.

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 1--Employment in forest products industry, Washington and Oregon, 1983-93

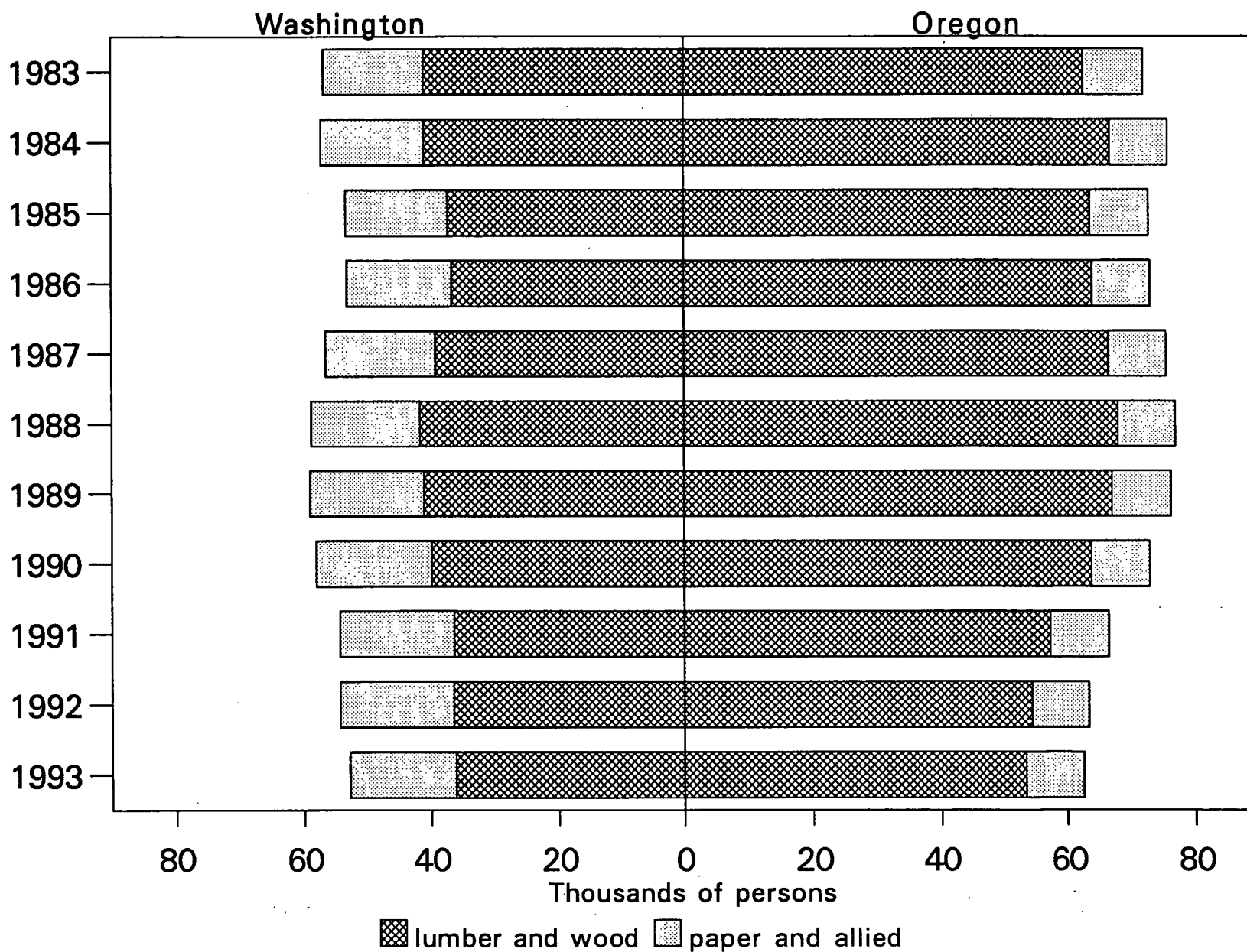


Table 21—Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-93

(In thousands of persons)

Year	Washington and Oregon		Washington		Oregon	
	Total	Forest industries	Total	Forest industries	Total	Forest industries
1990	R3,394.9	R130.8	R2,143.0	R58.0	1,251.9	R72.8
1991	R3,428.0	R120.7	R2,177.4	R54.3	1,250.6	R66.4
1992	R3,496.4	117.6	R2,222.2	54.3	R1,274.2	63.3
1993:						
January	R3,434.2	R113.7	R2,177.8	52.5	R1,256.4	R61.2
February	R3,465.6	R114.2	R2,194.1	52.7	R1,271.5	R61.5
March	R3,498.4	R114.2	R2,215.1	52.8	R1,283.3	R61.4
Average, 1st quarter	R3,466.1	R114.0	R2,195.7	52.7	R1,270.4	R61.4
April	R3,534.9	R113.4	R2,236.5	52.6	R1,298.4	R60.8
May	R3,563.8	R113.7	R2,255.7	52.9	R1,308.1	R60.8
June	R3,603.8	R116.4	R2,277.5	53.6	R1,326.3	R62.8
Average, 2d quarter	R3,567.5	R114.5	R2,256.6	53.0	R1,310.9	R61.5
July	R3,558.1	R117.4	R2,248.2	53.5	R1,309.9	R63.9
August	R3,565.0	R117.1	R2,248.3	52.9	R1,316.7	R64.2
September	R3,621.6	R117.9	R2,287.9	53.6	R1,333.7	R64.3
Average, 3d quarter	R3,581.6	R117.4	R2,261.5	53.3	R1,320.1	R64.1
October	3,629.0	116.0	2,285.6	52.4	1,343.4	63.6
November	3,634.6	114.6	2,290.9	52.0	1,343.7	62.6
December	3,613.4	114.2	2,279.6	52.0	1,333.8	62.2
Average, 4th quarter	3,625.7	114.9	2,285.4	52.1	1,340.3	62.8
1993 average	3,560.2	115.3	2,249.8	52.8	1,310.4	62.5

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 22—Employment in forest products industries in California and Alaska, 1982-93

(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
1982	83.7	46.2	37.5	2.6	1.8	.8
1983	87.5	50.2	37.3	2.7	1.9	.8
1984	94.5	55.4	39.1	2.2	1.6	.6
1985	95.7	55.9	39.8	2.3	1.7	.6
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:						
January	84.1	44.6	39.5	2.3	1.4	.9
February	84.2	44.6	39.6	2.5	1.6	.9
March	84.8	45.1	39.7	2.9	2.0	.9
Average, 1st quarter	84.4	44.8	39.6	2.6	1.7	.9
April	86.1	46.4	39.7	3.2	2.3	.9
May	87.6	47.9	39.7	3.4	2.7	.7
June	88.9	49.0	39.9	3.7	2.8	.9
Average, 2d quarter	87.5	47.7	39.8	3.4	2.6	.8
July	NA	NA	NA	3.8	2.9	.9
August	NA	NA	NA	3.8	2.9	.9
September	NA	NA	NA	3.6	2.8	.8
Average, 3d quarter	NA	NA	NA	3.7	2.9	.9
October	NA	NA	NA	3.3	2.7	.6
November	NA	NA	NA	3.0	2.5	.5
December	NA	NA	NA	2.6	2.1	.5
Average, 4th quarter	NA	NA	NA	3.0	2.4	.5
1993 average	NA	NA	NA	3.2	2.4	.8
----- 4th quarter 1993 change in employment -----						
From:						
3d quarter 1993	NA	NA	NA	-.7	-.5	-.4
4th quarter 1992	NA	NA	NA	-.2	.1	-.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 23--Employment in forest products industries in Montana and Idaho, 1982-93

(In thousands of persons)

Year	Montana		Total	Idaho	
	Lumber and wood products	Paper and allied products		Lumber and wood products	Paper and allied products
1982	6.8	a	13.6	12.1	1.5
1983	8.0	a	15.7	14.0	1.7
1984	8.3	a	15.6	13.9	1.7
1985	8.4	a	15.4	13.6	1.8
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:					
January	8.3	a	16.5	14.1	2.4
February	8.3	a	16.2	13.8	2.4
March	8.1	a	15.2	12.8	2.4
Average, 1st quarter	8.2	a	16.0	13.6	2.4
April	7.8	a	15.2	12.8	2.4
May	7.8	a	16.4	13.9	2.5
June	8.4	a	17.0	14.5	2.5
Average, 2d quarter	8.0	a	16.2	13.7	2.5
July	8.6	a	17.8	15.2	2.6
August	8.5	a	17.7	15.1	2.6
September	8.4	a	17.4	14.9	2.5
Average, 3d quarter	8.5	a	17.6	15.1	2.6
October	8.3	a	NA	NA	NA
November	7.6	a	NA	NA	NA
December	7.7	a	NA	NA	NA
Average, 4th quarter	7.9	a	NA	NA	NA
1993 average	8.2	a	NA	NA	NA
----- 4th quarter 1993 change in employment -----					
From:					
3d quarter 1993	-6	a	NA	NA	NA
4th quarter 1992	.4	a	NA	NA	NA

NA = not available.

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 24--Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93

(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													
1982	2,567.6	1,427.8	898.8	131.7	1,598.8	729.8	765.1	101.8	870.9	698.0	231.7	11.3	29.9
1983	2,591.5	1,417.7	1,011.0	153.9	1,739.8	796.3	824.2	119.2	851.7	621.4	186.7	8.9	34.7
1984	2,722.2	1,588.8	895.8	148.5	1,789.2	847.3	828.8	113.0	933.1	721.5	167.0	11.1	33.4
1985	3,004.1	1,749.7	1,112.0	130.1	1,878.9	844.3	838.2	95.4	1,125.3	905.4	172.8	12.4	34.7
1986	2,780.1	1,610.7	1,033.0	124.2	1,738.6	785.7	879.0	94.0	1,041.5	845.0	154.1	12.2	30.2
1987	3,167.8	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	1,183.8	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:													
1st qtr.	568.7	348.7	188.4	33.6	379.4	200.7	155.9	22.8	189.3	148.0	30.5	2.4	8.4
2d qtr.	551.3	365.9	159.3	26.1	367.5	211.9	136.7	18.9	183.8	154.0	22.6	3.3	3.8
3d qtr.	543.5	369.2	145.0	29.3	327.6	191.0	117.6	18.9	215.9	178.2	27.4	2.9	7.4
4th qtr.	518.2	312.0	182.9	23.3	319.1	157.7	146.3	15.1	199.1	154.3	36.6	1.2	7.0
1992 total	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:													
1st qtr.	545.0	377.2	145.0	22.8	317.4	190.0	113.3	14.0	227.7	187.2	31.7	1.9	6.9
2d qtr.	497.7	316.7	154.9	26.2	290.5	148.6	122.4	19.5	207.2	168.0	32.5	.4	6.3
3d qtr.	319.6	224.8	75.9	18.9	165.0	102.0	50.5	12.5	154.5	122.8	25.4	1.0	5.3
4th qtr.	345.3	252.7	77.1	15.4	185.1	117.7	58.3	9.2	160.1	135.1	18.8	.6	5.7
1993 total	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
TO JAPAN													
1982	1,738.2	990.6	647.0	89.3	992.9	457.6	462.9	72.4	745.3	533.0	184.1	11.3	16.9
1983	1,591.3	895.7	587.4	99.2	933.7	430.4	428.1	75.2	657.6	465.3	159.3	8.9	24.1
1984	1,519.4	912.0	521.8	74.7	889.1	427.2	400.6	61.3	630.2	484.8	121.2	10.8	13.4
1985	1,617.1	1,014.8	521.2	69.1	916.4	454.6	406.3	55.5	700.6	560.2	114.9	11.9	13.6
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:													
1st qtr.	405.3	303.7	81.0	20.6	251.5	174.7	66.5	10.3	153.8	129.0	14.5	2.3	8.0
2d qtr.	440.4	342.2	83.0	15.2	270.4	181.1	70.1	9.1	170.0	151.1	12.9	3.1	3.0
3d qtr.	450.2	352.6	75.0	22.5	256.6	181.9	62.1	12.5	193.6	170.7	12.8	2.7	7.3
4th qtr.	370.0	276.3	79.6	14.1	211.0	139.2	65.6	6.2	159.1	137.2	14.1	1.1	6.7
1992 total	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:													
1st qtr.	472.8	382.1	92.9	17.8	268.0	181.6	76.8	9.8	204.8	180.5	18.1	1.8	6.5
2d qtr.	380.3	290.9	78.1	11.3	203.7	135.3	61.7	6.8	176.6	155.7	16.4	.4	4.1
3d qtr.	265.5	211.3	44.4	9.8	133.8	91.7	34.6	7.4	131.7	119.6	9.7	.9	1.5
4th qtr.	319.8	252.5	55.7	11.6	166.8	117.5	43.6	5.7	153.0	134.9	12.1	.6	5.4
1993 total	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
TO CANADA													
1982	4.8	.6	1.8	2.3	4.8	.6	1.8	2.3	0	0	0	0	0
1983	5.2	.4	2.8	2.0	5.2	.4	2.8	2.0	0	0	0	0	0
1984	10.5	2.4	4.5	3.6	10.5	2.4	4.5	3.6	0	0	0	0	0
1985	32.8	0	30.5	2.3	32.8	.4	30.5	2.3	0	0	0	0	0
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:													
1st qtr.	3.6	1.0	2.1	.5	3.6	1.0	2.1	.5	0	0	0	0	0
2d qtr.	1.5	.9	0	.6	1.5	.9	0	.6	0	0	0	0	0
3d qtr.	.9	.5	0	.4	.9	.5	0	.4	0	0	0	0	0
4th qtr.	.7	.2	0	.6	.7	.2	0	.6	0	0	0	0	0
1992 total	6.8	2.5	2.1	2.2	6.8	2.5	2.1	2.2	0	0	0	0	0
1993:													
1st qtr.	.7	0	.1	.6	.7	0	.1	.6	0	0	0	0	0
2d qtr.	1.1	.1	.1	.9	1.1	.1	.1	.9	0	0	0	0	0
3d qtr.	.9	.1	0	.8	.9	.1	0	.8	0	0	0	0	0
4th qtr.	.3	.1	.1	.2	.3	.1	.1	.2	0	0	0	0	0
1993 total	3.0	.2	.3	2.5	3.0	.2	.3	2.5	0	0	0	0	0

Table 24--Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93 (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													
1982	254.7	27.8	206.2	20.7	220.1	23.8	178.2	18.1	34.8	4.0	28.0	0	2.7
1983	285.6	19.4	239.1	27.2	259.4	16.4	220.5	22.5	26.3	3.0	18.6	0	4.7
1984	264.2	6.0	236.7	21.5	236.6	4.8	213.6	18.2	27.8	1.2	23.1	0	3.3
1985	297.6	10.7	264.2	22.6	263.7	6.9	241.5	15.3	34.0	3.8	22.7	0	7.4
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	488.6	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:													
1st qtr.	109.2	.4	97.4	11.4	93.6	.4	81.9	11.3	15.6	0	15.5	0	.1
2d qtr.	66.4	1.5	59.2	5.6	57.1	.9	50.9	5.3	9.4	.7	8.4	0	.3
3d qtr.	51.3	1.0	47.0	3.3	36.2	.4	32.5	3.2	15.1	.6	14.5	0	.1
4th qtr.	72.1	3.1	62.7	6.2	51.6	1.9	43.7	6.0	20.5	1.3	19.0	0	.1
1992 total	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:													
1st qtr.	43.4	4.3	35.9	3.2	28.0	2.9	22.0	3.2	15.4	1.5	13.9	0	.1
2d qtr.	89.5	5.8	54.9	9.0	56.4	4.0	43.8	8.7	13.0	1.6	11.1	0	.3
3d qtr.	37.9	1.8	29.5	6.6	20.3	1.5	15.1	3.7	17.6	.3	14.4	0	2.9
4th qtr.	15.9	.2	13.6	2.1	11.1	.1	9.0	2.1	4.7	.1	4.6	0	0.0
1993 total	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
TO PEOPLE'S REPUBLIC OF CHINA													
1982	533.1	390.0	125.1	18.0	358.8	244.2	106.1	8.5	174.3	145.6	19.0	0	9.5
1983	699.2	497.0	177.6	24.6	535.4	347.6	169.0	18.8	163.8	149.4	8.6	0	5.8
1984	845.2	624.7	189.7	30.8	589.7	402.3	171.0	16.3	255.5	222.4	18.7	0	14.5
1985	1,029.6	716.3	280.5	32.8	644.4	379.9	245.3	19.1	385.2	336.3	35.2	0	13.6
1986	608.3	374.4	214.1	19.8	434.7	226.8	198.5	9.4	173.6	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	361.8	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:													
1st qtr.	47.1	43.2	3.9	0	28.4	24.5	3.9	0	18.7	18.7	0	0	0
2d qtr.	40.9	20.5	17.0	3.5	37.2	18.2	15.6	3.5	3.7	2.3	1.4	0	.1
3d qtr.	39.5	14.4	23.0	2.2	33.4	8.2	23.0	2.2	6.2	6.2	0	0	0
4th qtr.	74.4	32.0	40.6	1.8	55.4	16.5	37.0	1.8	19.0	15.5	3.5	0	0
1992 total	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:													
1st qtr.	27.5	10.4	16.2	.9	20.4	5.4	14.4	.8	7.1	5.0	1.8	0	.3
2d qtr.	44.7	18.7	21.8	4.3	28.6	9.0	16.8	2.7	16.2	9.6	4.9	0	1.6
3d qtr.	14.9	11.6	2.4	.9	9.8	8.7	1.1	0.0	5.1	2.9	1.2	0	.9
4th qtr.	8.5	0.0	7.0	1.4	6.2	0.0	4.9	1.2	2.3	0.0	2.1	0	.2
1993 total	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

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.

88 Figure 2--Log exports from Seattle and Columbia-Snake Customs Districts, 1983-93

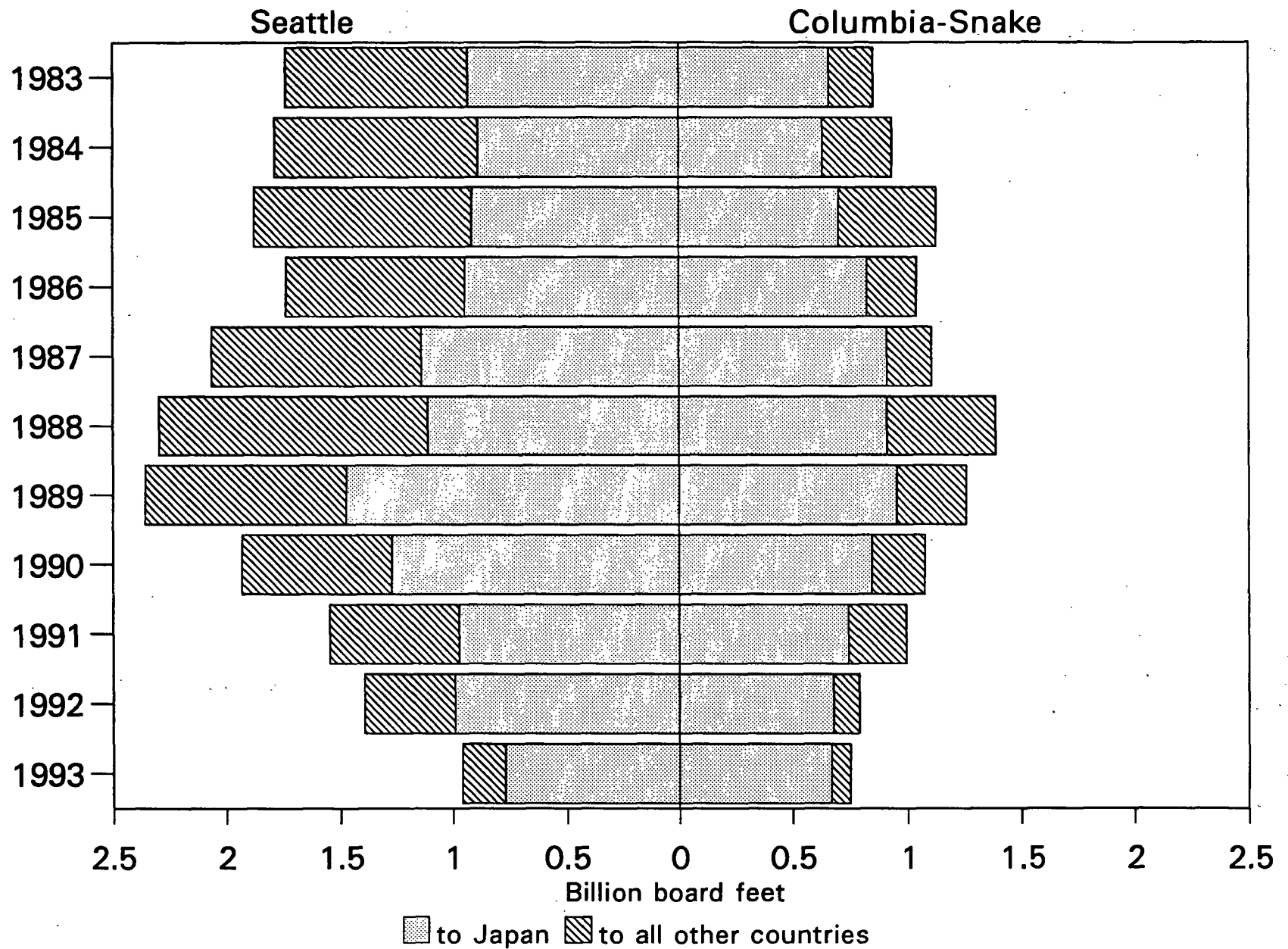


Table 25--Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93

(In thousand dollars)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO ALL COUNTRIES													
1982	1,014,909	600,254	343,068	52,868	605,089	299,524	264,048	41,517	409,820	300,730	79,020	18,719	11,351
1983	892,436	500,178	315,838	65,413	580,518	272,311	257,346	50,861	311,918	227,867	58,492	11,007	14,552
1984	903,796	533,451	298,511	57,688	575,879	281,843	248,277	45,659	327,917	251,509	50,234	14,148	12,026
1985	872,489	580,597	322,587	49,140	585,974	277,856	271,543	37,578	385,495	308,741	51,024	14,166	11,564
1986	929,580	567,358	297,688	53,444	552,088	256,832	252,871	42,584	377,493	310,725	44,827	11,082	10,859
1987	1,245,300	751,776	389,960	95,492	762,852	373,752	325,685	63,415	482,448	378,023	84,275	18,073	22,077
1988	1,725,668	1,078,606	492,553	119,482	1,032,743	548,836	394,483	89,625	693,125	529,665	98,070	35,233	29,857
1989	1,724,771	1,076,505	493,309	123,111	1,046,195	587,083	384,730	94,381	678,577	509,422	108,579	31,848	28,730
1990	1,681,850	1,093,889	454,374	104,487	1,014,303	592,289	349,177	72,837	667,547	501,580	105,197	29,120	31,650
1991	1,445,837	855,276	388,607	103,754	843,231	491,261	299,552	52,417	602,606	464,015	87,254	24,272	27,065
1992:													
1st qtr.	329,994	220,475	87,838	21,581	214,846	126,290	73,948	14,708	115,048	84,185	13,990	1,606	5,267
2d qtr.	361,359	264,828	78,923	19,508	229,305	152,628	65,543	11,134	132,054	112,300	11,380	5,889	2,485
3d qtr.	412,316	241,749	73,578	23,991	233,436	162,123	59,817	11,696	178,880	152,626	13,959	7,274	5,021
4th qtr.	395,181	276,947	98,514	19,720	226,865	138,422	78,247	10,186	168,316	138,525	20,267	4,115	5,409
1992 total	1,498,848	1,077,100	336,951	84,797	904,551	579,464	277,355	47,732	594,297	497,636	59,596	18,864	18,181
1993:													
1st qtr.	496,264	367,223	103,063	25,978	280,846	186,410	80,105	14,131	215,818	180,813	22,958	5,548	6,299
2d qtr.	539,539	367,172	149,074	23,289	308,563	172,219	120,872	15,472	230,976	194,957	28,202	2,791	5,026
3d qtr.	326,166	242,267	65,943	17,956	163,274	106,248	45,093	9,933	162,892	134,019	20,850	3,807	4,216
4th qtr.	319,199	248,672	55,361	14,968	160,415	111,579	42,311	6,525	158,784	137,293	13,050	3,519	4,922
1993 total	1,681,168	1,225,538	373,440	82,189	912,898	578,456	288,381	48,061	768,270	647,082	85,059	15,666	20,463
TO JAPAN													
1982	716,343	424,685	233,395	39,584	392,047	190,838	168,734	32,475	324,298	233,847	64,661	18,879	7,109
1983	583,048	331,171	195,708	45,182	336,125	156,871	144,812	34,842	246,823	174,500	50,896	11,007	10,520
1984	535,175	324,484	182,550	34,184	302,800	149,370	125,837	28,593	232,375	176,114	36,713	13,848	5,602
1985	560,675	360,035	158,014	28,661	304,521	157,596	123,570	23,355	256,154	202,439	34,444	13,966	5,306
1986	644,658	450,928	146,356	36,515	326,718	183,095	114,588	29,035	318,140	267,830	31,768	11,059	7,482
1987	918,370	612,328	228,611	59,885	462,610	270,875	180,076	42,660	424,759	341,653	48,535	17,537	17,037
1988	1,075,863	729,868	239,376	76,040	570,923	332,581	184,306	54,036	504,940	397,308	52,070	33,559	22,004
1989	1,302,346	907,929	281,526	82,811	734,604	450,983	226,472	57,149	567,742	456,945	55,054	30,080	25,663
1990	1,264,949	823,577	241,989	71,993	718,343	484,358	191,418	42,567	546,607	439,219	50,571	27,391	29,428
1991	1,075,850	806,201	195,914	73,535	589,156	402,535	158,818	27,802	486,495	403,668	37,096	21,289	24,444
1992:													
1st qtr.	258,007	200,249	43,828	13,930	158,338	114,606	36,322	7,410	99,669	85,643	7,506	1,427	5,093
2d qtr.	310,159	251,967	44,293	13,899	184,954	141,504	37,157	6,293	125,205	110,463	7,136	5,701	1,905
3d qtr.	364,537	302,510	42,346	19,681	198,994	156,213	34,911	7,870	165,543	146,297	7,435	6,857	4,954
4th qtr.	313,788	254,506	45,921	13,361	168,727	126,534	37,709	4,484	145,061	127,972	8,212	3,766	5,091
1992 total	1,246,492	1,009,233	176,387	60,872	711,014	538,858	148,098	26,058	535,478	470,375	30,289	17,771	17,043
1993:													
1st qtr.	443,493	356,278	67,467	19,748	244,204	180,160	55,740	8,304	199,289	176,118	11,727	5,467	5,977
2d qtr.	432,434	343,903	76,390	12,141	227,762	180,404	61,442	5,916	204,672	183,499	14,948	2,775	3,450
3d qtr.	280,846	229,761	39,168	11,919	135,364	98,351	30,221	6,792	145,484	131,410	8,947	3,600	1,527
4th qtr.	303,983	248,676	42,834	12,473	149,145	111,508	33,399	4,238	154,838	137,168	9,435	3,512	4,723
1993 total	1,460,757	1,178,818	225,858	56,281	756,474	550,423	180,801	25,250	704,263	628,195	45,057	15,354	15,677
TO CANADA													
1982	1,068	137	424	507	1,068	137	424	507	-	-	-	-	-
1983	1,046	55	360	631	1,046	55	360	631	-	-	-	-	-
1984	2,081	549	760	771	2,081	549	760	771	-	-	-	-	-
1985	6,390	18	5,527	847	6,390	18	5,527	847	-	-	-	-	-
1986	12,239	418	10,615	1,207	11,051	418	9,578	1,055	1,189	-	1,037	-	152
1987	8,070	822	7,181	87	7,561	822	6,552	87	509	-	509	-	-
1988	3,642	336	3,304	172	3,642	336	3,304	172	-	-	-	-	-
1989	10,379	5,424	4,583	372	10,379	5,424	4,583	372	-	-	-	-	-
1990	8,865	946	6,447	1,472	8,865	946	6,447	1,472	-	-	-	-	-
1991	9,174	1,193	6,863	1,118	9,174	1,193	6,863	1,118	-	-	-	-	-
1992:													
1st qtr.	799	294	328	177	799	294	328	177	-	-	-	-	-
2d qtr.	539	317	-	222	539	317	-	222	-	-	-	-	-
3d qtr.	311	160	-	151	311	160	-	151	-	-	-	-	-
4th qtr.	216	40	-	176	216	40	-	176	-	-	-	-	-
1992 total	1,865	811	328	726	1,865	811	328	726	-	-	-	-	-
1993:													
1st qtr.	229	0	18	211	229	0	18	211	-	-	-	-	-
2d qtr.	363	49	36	278	363	49	36	278	-	-	-	-	-
3d qtr.	330	27	-	303	330	27	-	303	-	-	-	-	-
4th qtr.	173	21	16	136	173	21	16	136	-	-	-	-	-
1993 total	1,095	97	70	928	1,095	97	70	928	-	-	-	-	-

Table 25—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93 (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													
1982	76,415	9,189	61,095	6,151	66,657	8,136	53,187	5,334	9,758	1,033	7,908	--	817
1983	84,776	5,481	67,356	11,839	76,707	4,630	62,197	9,880	8,069	851	5,159	--	2,059
1984	77,339	1,723	66,588	9,028	68,951	1,358	60,119	7,474	8,369	365	8,449	--	1,573
1985	85,611	2,803	73,264	9,509	75,078	1,695	66,483	6,900	10,533	1,108	6,801	15	2,609
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	83,149	15,269	14,456	1,080	11,531	178	1,667
1988	191,804	6,210	182,541	23,053	163,755	4,622	137,250	21,884	28,047	1,568	25,281	--	1,169
1989	218,548	6,655	182,826	27,068	172,501	6,094	140,425	25,982	44,047	560	42,401	--	1,088
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:													
1st qtr.	48,279	202	41,604	6,473	41,945	202	35,270	6,473	6,334	--	6,334	--	--
2d qtr.	29,520	1,050	25,454	3,016	25,239	516	21,838	2,885	4,281	534	3,616	--	131
3d qtr.	24,344	582	21,650	2,112	17,501	268	15,126	2,107	6,843	314	6,524	--	5
4th qtr.	40,695	2,014	34,229	4,452	29,018	1,187	23,477	4,354	11,677	827	10,752	--	98
1992 total	142,838	3,849	122,938	16,051	113,702	2,173	95,712	15,817	29,136	1,676	27,226	--	234
1993:													
1st qtr.	32,671	2,772	24,732	5,167	21,715	1,699	14,897	5,119	10,956	1,073	9,835	--	48
2d qtr.	65,652	4,593	54,693	6,366	53,651	3,052	44,581	6,018	12,001	1,541	10,112	--	348
3d qtr.	32,528	2,685	25,055	4,788	18,317	1,894	13,797	2,626	14,211	791	11,258	--	2,162
4th qtr.	9,544	160	8,093	1,291	6,976	35	5,650	1,291	2,568	125	2,443	--	--
1993 total	140,396	10,210	112,573	17,613	100,660	6,680	78,925	15,055	39,736	3,530	33,648	--	2,558
TO PEOPLE'S REPUBLIC OF CHINA													
1982	207,078	158,699	42,476	5,903	138,219	99,194	36,212	2,813	68,859	59,505	6,264	--	3,080
1983	220,458	161,616	51,464	7,378	164,862	110,449	49,093	5,440	55,476	51,167	2,371	--	1,938
1984	264,969	199,224	56,673	8,072	184,041	128,413	50,731	4,897	80,828	70,811	5,942	--	4,174
1985	312,178	221,344	81,604	9,230	195,184	117,736	71,525	5,603	117,014	103,609	9,779	--	3,627
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	158,364	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	142,168	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:													
1st qtr.	20,912	19,356	1,556	--	12,675	11,119	1,556	--	8,237	8,237	--	--	--
2d qtr.	19,458	10,970	7,151	1,337	17,504	9,667	6,523	1,314	1,954	1,303	628	--	23
3d qtr.	21,400	10,854	9,579	967	16,027	5,481	9,579	967	5,373	5,373	--	--	--
4th qtr.	39,316	20,122	18,355	839	28,487	10,597	17,051	839	10,829	9,525	1,304	--	--
1992 total	101,085	61,302	36,641	3,142	74,693	36,864	34,709	3,120	26,392	24,438	1,932	--	23
1993:													
1st qtr.	19,387	7,925	10,841	621	14,237	4,414	9,450	373	5,150	3,511	1,391	--	248
2d qtr.	38,719	17,194	17,955	3,570	25,926	8,604	14,813	2,509	12,793	8,590	3,142	--	1,061
3d qtr.	11,965	9,760	1,719	486	9,018	7,942	1,075	--	2,947	1,818	644	--	485
4th qtr.	5,051	0	4,189	882	3,765	0	3,017	748	1,266	0	1,172	--	114
1993 total	75,121	34,880	34,704	5,537	52,945	20,961	28,355	3,629	22,176	13,919	6,349	--	1,908

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 26--Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93

(In dollars per thousand board feet, Scribner scale)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District				
	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Port-Orford-cedar	Other softwoods
TO ALL COUNTRIES													
1982	395.27	420.40	344.17	401.43	378.94	410.40	345.12	407.83	422.12	430.85	341.04	1,856.70	379.63
1983	344.37	352.81	312.40	425.04	333.67	341.97	312.24	426.69	366.21	366.69	313.29	1,232.31	419.37
1984	332.00	340.04	299.77	393.76	321.87	332.76	299.56	404.06	351.44	348.59	300.60	1,271.75	360.06
1985	323.71	335.26	290.08	377.71	312.41	329.10	289.12	393.88	342.58	341.00	295.28	1,145.43	333.26
1986	334.37	352.24	288.19	430.31	317.55	335.18	330.25	453.02	362.45	367.70	290.90	911.05	359.57
1987	393.14	407.57	338.92	533.33	369.69	380.10	337.39	551.91	436.96	438.92	346.87	1,495.86	485.21
1988	468.71	473.26	423.23	541.87	450.04	450.87	427.90	574.52	499.59	498.91	405.42	1,875.39	462.90
1989	476.89	529.22	365.22	567.07	443.37	489.66	373.67	558.47	539.73	581.52	338.15	2,628.43	598.54
1990	559.05	587.13	482.42	542.67	524.97	550.04	486.81	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:													
1st qtr.	580.26	632.28	471.77	642.29	566.54	629.25	474.33	645.09	607.76	636.39	458.69	681.52	627.02
2d qtr.	655.50	724.04	482.87	748.38	624.01	720.43	479.58	587.61	718.47	729.01	502.78	1,796.52	646.97
3d qtr.	758.66	852.50	507.42	819.65	712.56	848.68	506.81	617.56	828.62	856.60	510.03	2,515.21	674.96
4th qtr.	762.80	887.54	538.61	847.84	710.94	877.53	534.89	676.31	845.39	897.78	553.47	3,412.11	775.26
1992 avg.	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:													
1st qtr.	910.51	973.49	710.71	1,139.34	884.30	980.89	707.17	1,006.05	947.04	965.87	723.34	2,962.09	915.29
2d qtr.	1,083.97	1,159.49	962.47	889.30	1,062.08	1,158.85	987.65	793.23	1,114.65	1,160.24	867.65	6,774.27	801.47
3d qtr.	1,020.68	1,077.84	868.45	952.27	989.34	1,061.55	892.40	792.61	1,054.15	1,091.38	820.80	3,826.13	791.14
4th qtr.	924.47	984.75	717.94	969.17	866.41	948.37	725.87	708.85	991.59	1,016.44	693.37	6,191.06	868.29
1993 avg.	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
TO JAPAN													
1982	412.12	428.70	360.73	443.27	394.85	417.00	364.52	448.55	435.13	438.75	351.23	1,657.12	420.65
1983	366.40	369.73	333.18	455.26	360.00	363.98	338.27	460.66	375.49	375.04	319.50	1,232.31	436.51
1984	352.24	355.80	311.52	457.75	340.56	347.31	314.12	468.44	368.70	363.29	302.91	1,289.03	418.06
1985	346.72	354.78	303.17	414.78	332.29	346.64	304.13	420.81	365.60	361.39	299.77	1,169.03	390.15
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	588.25	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:													
1st qtr.	636.58	659.37	541.09	676.21	629.58	656.02	546.20	719.42	648.04	663.90	517.66	633.20	636.63
2d qtr.	704.28	736.23	533.71	916.70	684.10	740.32	529.80	692.45	736.35	731.04	555.03	1,851.58	636.06
3d qtr.	809.80	857.86	564.79	872.81	775.55	858.71	561.82	628.14	855.19	856.96	579.14	2,564.32	674.38
4th qtr.	848.00	921.02	576.58	950.49	799.74	909.19	575.14	718.71	912.02	933.03	583.28	3,335.68	761.78
1992 avg.	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:													
1st qtr.	937.89	984.05	726.12	1,106.70	811.10	992.11	725.37	865.45	973.19	975.94	729.70	3,055.90	925.23
2d qtr.	1,137.07	1,182.10	978.23	1,075.38	1,118.21	1,185.92	996.32	875.41	1,158.82	1,178.78	910.30	6,885.86	835.55
3d qtr.	1,057.89	1,087.51	882.58	1,212.88	1,011.80	1,072.48	872.36	914.38	1,104.71	1,099.03	918.96	3,858.52	1,048.76
4th qtr.	950.42	984.98	768.49	1,017.93	893.95	948.81	765.70	744.16	1,011.99	1,016.48	778.53	6,226.95	878.37
1993 avg.	1,015.52	1,055.43	833.05	1,112.32	979.46	1,048.28	834.05	856.31	1,057.32	1,063.58	829.08	4,161.65	899.86
TO CANADA													
1982	224.51	215.75	235.56	220.43	224.51	215.75	235.56	220.43	--	--	--	--	--
1983	200.35	138.54	128.57	315.50	200.35	137.48	128.57	315.50	--	--	--	--	--
1984	198.93	228.18	168.89	335.22	198.93	228.18	168.89	335.22	--	--	--	--	--
1985	194.82	456.64	181.21	368.26	194.82	456.64	181.21	368.26	--	--	--	--	--
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	328.29	276.95	--	--	--	--	--
1991	314.18	331.39	310.54	319.43	314.18	331.39	310.54	319.43	--	--	--	--	--
1992:													
1st qtr.	221.94	284.00	156.19	354.00	221.94	284.00	156.19	354.00	--	--	--	--	--
2d qtr.	351.14	347.97	--	355.77	351.14	347.97	--	355.77	--	--	--	--	--
3d qtr.	335.49	335.43	--	335.56	335.49	335.43	--	335.56	--	--	--	--	--
4th qtr.	300.42	264.90	--	308.86	300.42	264.90	--	308.86	--	--	--	--	--
1992 avg.	273.74	322.08	156.19	326.59	273.74	322.08	156.19	326.59	--	--	--	--	--
1993:													
1st qtr.	345.40	--	352.94	344.77	345.40	--	352.94	344.77	--	--	--	--	--
2d qtr.	332.72	374.90	333.33	326.29	332.72	374.90	333.33	326.29	--	--	--	--	--
3d qtr.	372.04	401.19	--	369.51	372.04	401.19	--	369.51	--	--	--	--	--
4th qtr.	547.47	448.72	179.37	755.56	547.47	448.72	179.37	755.56	--	--	--	--	--
1993 avg.	370.31	396.24	281.58	376.68	370.31	396.24	281.58	376.68	--	--	--	--	--

Table 26—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93 (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													
1982	299.98	329.71	296.29	297.15	302.81	341.28	298.47	294.70	281.94	260.32	282.43	--	302.59
1983	296.80	282.70	281.71	438.93	295.74	282.21	282.07	439.11	307.16	285.38	277.37	--	438.09
1984	292.67	286.83	281.32	419.81	291.41	283.51	281.46	410.66	303.51	299.92	279.18	281.14	487.67
1985	287.64	260.64	277.38	420.75	284.75	245.68	275.29	450.98	310.13	288.05	299.60	441.18	352.57
1986	277.98	297.75	265.70	464.51	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	314.82	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	441.89	487.19	425.96	627.39	418.37	541.91	411.34	--	421.82
1992:													
1st qtr.	442.12	505.00	427.15	567.81	448.13	505.00	430.65	572.83	406.03	--	406.03	--	--
2d qtr.	444.53	686.28	429.64	535.51	442.38	600.00	429.21	542.80	457.81	797.02	432.23	--	415.87
3d qtr.	474.97	602.48	460.34	648.45	483.93	644.23	465.40	648.91	453.48	570.91	449.00	--	500.00
4th qtr.	564.57	640.79	545.86	714.38	562.35	636.48	537.33	720.38	570.14	647.11	565.45	--	521.28
1992 avg.	477.86	642.14	481.40	606.29	476.90	621.57	458.04	609.21	481.64	670.94	473.62	--	457.93
1993:													
1st qtr.	752.58	638.27	689.72	1,809.16	775.45	587.28	678.40	1,624.56	711.01	740.00	707.61	--	800.00
2d qtr.	944.82	825.63	996.19	705.69	950.50	763.38	1,018.74	682.84	920.25	984.67	907.64	--	1,038.81
3d qtr.	858.35	1,525.57	849.70	720.11	904.28	1,299.04	816.50	701.39	805.61	2,619.21	780.02	--	744.23
4th qtr.	601.17	898.88	593.20	628.35	625.64	700.00	624.86	628.35	543.03	978.56	530.97	--	--
1993 avg.	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
TO PEOPLE'S REPUBLIC OF CHINA													
1982	388.44	406.87	339.54	327.94	385.27	406.20	341.30	330.94	394.97	407.99	329.68	--	325.26
1983	315.28	325.17	289.77	299.92	308.14	317.77	290.49	289.36	338.64	342.38	275.70	--	334.14
1984	313.50	318.92	298.75	294.55	312.11	319.18	296.67	300.43	316.71	318.46	317.75	--	287.86
1985	303.22	309.02	290.92	281.40	302.88	309.89	282.80	293.35	303.79	308.04	277.81	--	266.69
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	1,756.76	1,153.33
1990	485.09	494.11	395.97	444.37	460.82	463.97	418.96	446.26	537.31	561.45	372.02	2,441.86	460.00
1991	445.64	463.14	341.22	342.54	431.75	445.17	359.27	383.70	469.87	491.77	294.16	--	129.57
1992:													
1st qtr.	443.99	448.06	398.97	--	446.30	453.84	398.97	--	440.48	440.48	--	--	--
2d qtr.	475.37	536.22	421.54	380.91	470.56	531.56	419.41	379.88	523.30	573.50	445.07	--	450.98
3d qtr.	541.13	754.64	416.77	443.58	480.08	666.79	416.77	443.58	871.82	871.82	--	--	--
4th qtr.	528.45	628.30	452.65	460.23	514.47	641.35	480.51	480.23	569.14	614.40	370.03	--	--
1992 avg.	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:													
1st qtr.	704.80	781.51	669.57	683.17	698.20	821.38	655.25	626.89	723.72	697.60	786.32	--	789.81
2d qtr.	885.81	921.19	824.15	836.26	907.68	951.35	879.42	937.94	791.79	892.84	635.78	--	685.62
3d qtr.	803.34	841.45	726.54	523.71	919.69	915.82	948.81	--	579.21	621.11	522.30	--	522.63
4th qtr.	597.23	--	595.66	604.95	612.12	--	611.84	613.22	557.53	--	557.70	--	555.83
1993 avg.	785.97	857.61	732.54	735.23	815.67	907.80	759.58	808.24	723.12	791.71	632.06	--	627.43

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—Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1982-93

(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								
1982	19,507	344.75	12,609	354.83	6	666.67	6,892	326.18
1983	33,519	345.33	3,843	312.38	300	1,026.67	29,576	342.47
1984	47,115	361.39	16,339	345.49	1,764	861.68	29,012	339.93
1985	62,580	299.66	33,967	284.72	1,272	591.98	27,341	304.60
1986	26,211	319.41	4,147	284.77	354	774.01	21,710	322.39
1987	32,132	395.40	14,942	452.82	0	--	17,190	345.49
1988	80,785	440.32	28,850	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	78,808	455.62	24,687	503.87	21	1,476.19	52,100	432.34
1992	17,651	687.21	5,014	1,050.86	0	--	12,637	542.93
1993:								
1st quarter	9,567	682.56	1,753	1,004.56	0	--	7,814	610.32
2d quarter	4,823	1,309.56	2,068	2,146.59	47	5,854.70	2,708	591.62
3d quarter	5,317	965.02	3,014	999.34	0	--	2,303	920.10
4th quarter	6,239	875.62	1,541	1,341.34	175	1,748.57	4,523	683.17
1993 total and average value	25,946	903.41	8,376	1,346.82	222	2,612.61	17,348	667.45
TO JAPAN								
1982	9,022	331.19	3,270	355.35	6	666.67	5,746	317.09
1983	24,308	351.94	3,626	311.64	300	1,026.67	20,382	349.23
1984	26,251	397.58	2,954	389.64	1,764	861.68	21,533	360.66
1985	25,243	325.79	3,958	311.43	1,272	591.98	20,015	311.67
1986	19,060	330.80	217	345.62	354	774.01	18,489	322.08
1987	25,212	393.34	8,944	477.30	0	--	16,268	347.25
1988	28,269	500.09	11,180	594.28	147	2,238.10	16,942	422.85
1989	50,634	675.04	15,078	622.83	0	--	35,556	697.18
1990	70,188	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:								
1st quarter	4,573	826.59	1,753	1,004.56	0	--	2,820	715.96
2d quarter	2,692	1,934.54	2,068	2,146.59	35	7,195.47	588	872.60
3d quarter	5,055	989.71	2,828	1,033.95	0	--	2,227	933.54
4th quarter	4,588	1,010.47	1,541	1,341.34	175	1,748.57	2,870	787.80
1993 total and average value	16,906	1,101.56	8,190	1,366.54	210	2,668.67	8,506	807.78
TO PEOPLE'S REPUBLIC OF CHINA								
1982	9,292	352.35	9,282	351.00	0	--	10	1,600.00
1983	8,302	314.62	0	--	0	--	8,302	314.62
1984	18,276	326.55	12,756	340.39	0	--	5,520	294.57
1985	37,305	281.65	30,011	281.20	0	--	7,294	283.52
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	--	19,619	398.80
1992	0	--	0	--	0	--	0	--
1993:								
1st quarter	2,589	557.36	0	--	0	--	2,589	557.36
2d quarter	15	1,647.22	0	--	0	--	15	1,647.22
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1993 total and average value	2,604	563.36	0	--	0	--	2,604	563.36

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

Figure 3--Log exports from San Francisco and Anchorage Customs Districts, 1983-93

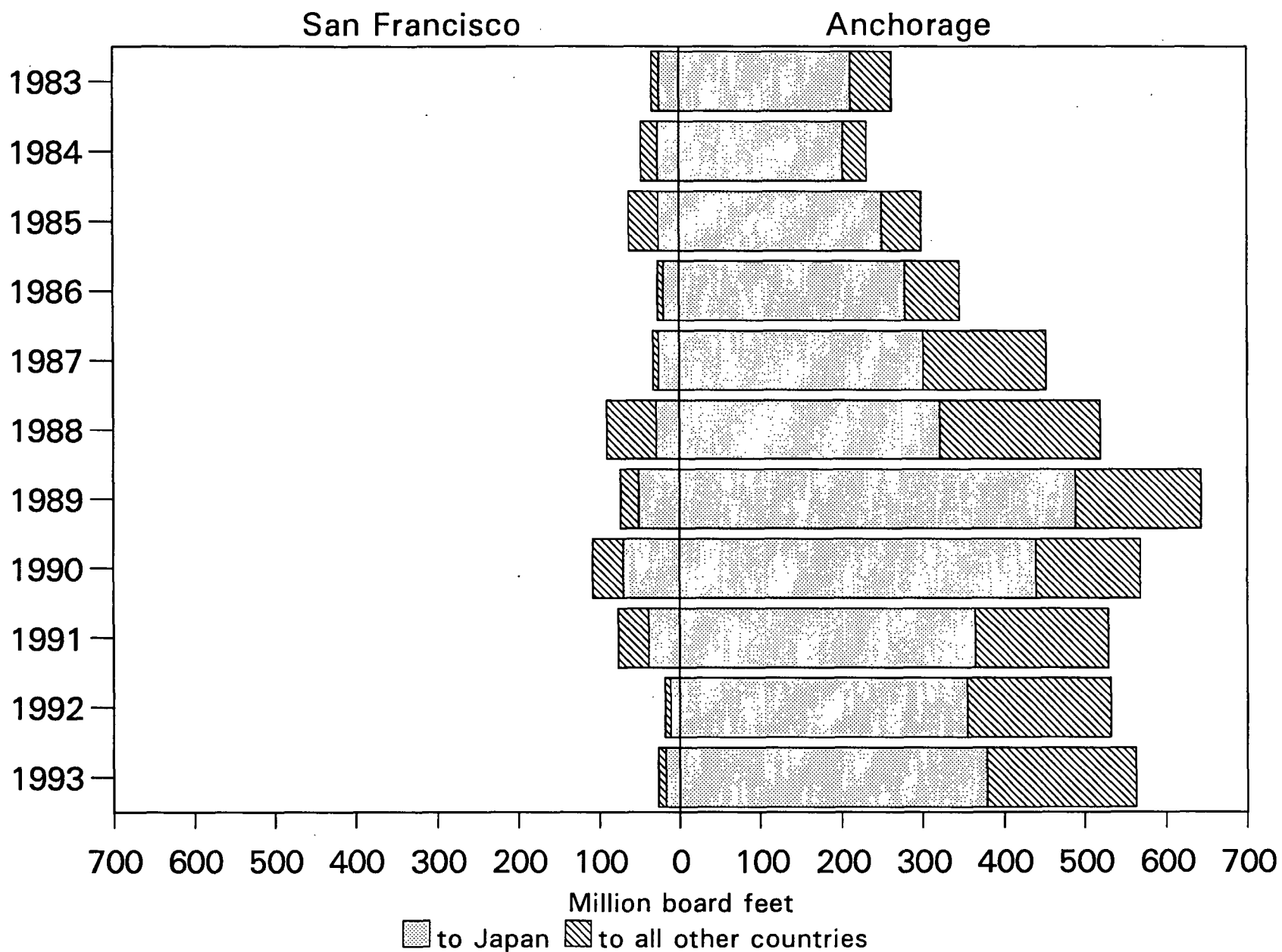


Table 28--Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1982-93

(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								
1982	241,123	478.49	124,061	424.61	22,817	382.78	83,911	577.74
1983	262,219	425.55	131,238	358.71	23,402	377.45	101,902	511.54
1984	231,544	396.66	121,349	319.97	15,547	414.68	87,400	496.00
1985	299,190	387.11	177,301	310.28	17,708	354.70	96,689	527.64
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:								
1st quarter	63,975	673.59	17,984	479.20	7,661	589.22	21,995	716.03
2d quarter	186,214	835.36	78,309	681.81	24,455	742.50	70,814	976.87
3d quarter	163,916	850.13	66,022	677.67	17,453	707.33	68,394	980.39
4th quarter	148,939	776.34	55,539	601.69	10,973	604.12	67,585	923.28
1993 total and average value	563,044	805.67	217,853	643.41	60,542	687.89	228,789	937.01
TO JAPAN								
1982	219,700	486.71	119,927	424.28	7,374	382.70	83,536	578.27
1983	211,705	452.60	112,446	374.41	4,525	413.70	89,057	542.29
1984	202,238	415.51	107,392	333.41	6,142	431.29	83,217	511.00
1985	250,220	416.59	148,414	328.30	6,155	354.02	88,261	565.19
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	465.68	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:								
1st quarter	51,946	741.60	12,115	571.52	4,858	574.31	21,105	729.21
2d quarter	107,859	961.66	40,640	814.21	7,310	729.24	50,246	1,051.94
3d quarter	114,798	942.66	35,072	763.34	8,344	689.48	61,743	1,008.20
4th quarter	104,631	864.56	31,516	664.30	5,177	616.96	56,015	981.49
1993 total and average value	379,234	898.98	119,343	735.02	25,690	664.34	189,109	980.78
TO PEOPLE'S REPUBLIC OF CHINA								
1982	0	—	0	—	0	—	0	—
1983	15,591	305.18	5,247	285.69	0	—	10,344	315.06
1984	0	—	0	—	0	—	0	—
1985	2,113	352.58	1,860	331.18	0	—	253	513.83
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:								
1st quarter	0	—	0	—	0	—	0	—
2d quarter	11,398	906.49	0	—	0	—	11,398	906.49
3d quarter	0	—	0	—	0	—	0	—
4th quarter	7,670	586.70	1,464	717.21	0	—	6,207	555.82
1993 total and average value	19,068	777.80	1,464	717.21	0	—	17,605	782.85

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

Table 29—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1993

(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	116,004	1,028.29	103,434	1,039.37	8,557	1,064.29	4,013	666.03	0	--
Redcedar	6,693	770.90	498	1,674.10	0	--	6,195	698.36	0	--
Hemlock	151,055	862.94	82,615	841.07	13,006	759.30	55,434	919.84	0	--
Spruce	7,684	738.74	2,120	946.57	3,470	796.39	2,094	432.79	0	--
Other softwoods	1,268	2,785.00	477	795.52	0	--	791	3,985.57	0	--
All softwoods	282,703	933.85	189,143	952.77	25,033	868.69	68,527	905.43	0	--
All hardwoods	1,008	846.32	412	498.69	0	--	597	1,086.18	0	--
Red alder	630	704.54	329	511.37	0	--	266	973.34	0	--
Anacortes:										
Douglas-fir	7,167	1,047.85	7,167	1,047.85	0	--	0	--	0	--
Redcedar	50	1,510.00	50	1,510.00	0	--	0	--	0	--
Hemlock	437	871.55	437	871.55	0	--	0	--	0	--
Other softwoods	20	1,711.33	20	1,711.33	0	--	0	--	0	--
All softwoods	7,673	1,042.52	7,673	1,042.52	0	--	0	--	0	--
Everett:										
Douglas-fir	102,448	1,028.36	97,670	1,035.41	2,092	870.32	2,685	895.01	0	--
Redcedar	2,345	939.76	137	1,466.04	0	--	2,208	907.09	0	--
Hemlock	67,874	789.14	37,100	865.13	12,545	651.93	18,230	728.92	0	--
Spruce	1,430	896.87	1,143	947.83	287	693.96	0	--	0	--
Other softwoods	5,213	752.24	3,138	946.53	0	--	2,075	458.53	0	--
All softwoods	179,310	927.57	139,187	987.72	14,924	683.35	25,198	739.96	0	--
All hardwoods	6,830	978.54	3,885	1,352.78	0	--	2,905	486.33	0	--
Red alder	1,486	485.10	149	484.68	0	--	1,230	527.39	0	--
Olympia:										
Douglas-fir	1,068	1,085.49	1,068	1,085.49	0	--	0	--	0	--
Hemlock	70	927.22	70	927.22	0	--	0	--	0	--
All softwoods	1,137	1,075.78	1,137	1,075.78	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	28,277	999.59	27,172	999.45	0	--	1,105	1,003.00	0	--
Redcedar	1,363	976.42	134	1,056.76	0	--	1,229	967.65	0	--
Hemlock	36,037	916.56	15,798	946.89	8,526	888.57	11,713	896.02	0	--
Spruce	5,335	1,009.57	3,747	1,015.71	719	911.84	869	1,064.01	0	--
Other softwoods	647	375.38	647	375.38	0	--	0	--	0	--
All softwoods	71,660	952.50	47,498	974.91	9,245	890.38	14,916	919.63	0	--
All hardwoods	2,291	409.20	832	356.43	528	454.71	900	406.50	31	1,126.59
Red alder	2,032	397.28	811	355.68	528	454.71	693	402.23	0	--

Table 29—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1993 (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	408	578.46	175	475.50	0	--	0	--	0	--
Port-Orford-cedar	13	1,946.39	0	--	0	--	0	--	0	--
Redcedar	294	789.97	40	961.70	0	--	208	819.74	0	--
Hemlock	111	376.69	28	377.33	0	--	83	376.47	0	--
Spruce	1,145	461.40	1,110	463.37	0	--	34	397.71	0	--
Other softwoods	3,022	953.67	478	926.58	0	--	1,879	747.42	0	--
All softwoods	4,992	790.35	1,831	595.17	0	--	2,204	734.80	0	--
All hardwoods	9,910	2,115.14	3,983	2,244.67	0	--	4,215	2,039.45	0	--
Red alder	182	1,470.44	3	885.62	0	--	0	--	0	--
Tacoma:										
Douglas-fir	296,928	1,043.31	283,798	1,054.26	12,441	806.44	596	830.50	0	--
Port-Orford-cedar	101	1,742.61	101	1,742.61	0	--	0	--	0	--
Redcedar	1,247	1,070.39	1,238	1,059.41	0	--	0	--	0	--
Hemlock	85,738	803.96	78,129	794.64	3,253	837.82	4,356	945.83	0	--
Spruce	3,296	1,003.92	3,284	1,004.86	13	762.91	0	--	0	--
Other softwoods	9,854	660.61	9,606	665.73	0	--	69	467.27	0	--
All softwoods	397,164	982.08	376,155	990.18	15,707	812.90	5,021	925.55	0	--
All hardwoods	11,471	1,387.68	9,732	1,499.38	8	4,022.14	120	986.89	0	--
Red alder	169	852.00	150	707.17	0	--	0	--	0	--
Other ports:^a										
Douglas-fir	6,006	1,141.83	5,594	1,194.67	0	--	0	--	245	394.22
Redcedar	302	895.90	0	--	0	--	0	--	302	895.90
Hemlock	3,457	584.35	2,599	662.07	0	--	0	--	249	282.03
Spruce	1,552	846.49	1,523	855.55	0	--	0	--	29	369.39
Other softwoods	2,315	296.88	0	--	0	--	0	--	2,315	292.98
All softwoods	13,632	817.91	9,717	999.04	0	--	0	--	3,139	358.76
All hardwoods	461	988.62	96	769.32	0	--	0	--	321	990.96
Red alder	31	906.42	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	558,306	1,036.09	526,078	1,046.28	23,090	907.78	8,400	795.24	245	394.22
Port-Orford-cedar	114	1,766.26	101	1,742.61	0	--	0	--	0	--
Redcedar	12,294	862.78	2,097	1,240.49	0	--	9,840	781.39	302	895.90
Hemlock	344,779	836.42	216,775	834.05	37,330	759.58	89,816	878.74	249	282.03
Spruce	20,441	855.89	12,926	929.30	4,490	808.25	2,997	615.34	29	369.39
Other softwoods	22,339	797.15	14,366	728.41	0	--	4,814	1,150.57	2,315	292.98
All softwoods	958,272	952.70	772,342	979.46	64,910	815.67	115,866	868.90	3,139	358.76
All hardwoods	31,972	1,432.80	18,940	1,550.40	536	507.62	8,738	1,275.20	352	1,002.96
Red alder	4,529	532.29	1,442	442.19	528	454.71	2,189	541.97	0	--

^a Bellingham, Blaine, Lynden, Oroville, Seattle-Tacoma Airport, and Sumas.

Source: U.S. Department of Commerce.

Table 30--Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1993

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	26,185	921.24	26,135	921.66	0	--	50	701.55	0	--
Redcedar	2,015	811.54	407	1,742.30	0	--	1,608	575.82	0	--
Hemlock	28,744	712.78	18,176	757.98	4,931	611.86	5,637	655.29	0	--
Spruce	1,419	624.77	199	697.66	1,220	612.87	0	--	0	--
All softwoods	58,363	807.57	44,917	861.87	6,151	612.06	7,295	638.09	0	--
All hardwoods	278	721.53	49	435.83	0	--	228	783.08	0	--
Red alder	159	905.47	0	--	0	--	159	905.47	0	--
Anacortes:										
Douglas-fir	3,842	931.51	3,842	931.51	0	--	0	--	0	--
Hemlock	194	808.38	194	808.38	0	--	0	--	0	--
Other softwoods	20	1,711.33	20	1,711.33	0	--	0	--	0	--
All softwoods	4,056	929.45	4,056	929.45	0	--	0	--	0	--
Everett:										
Douglas-fir	21,859	963.10	21,859	963.10	0	--	0	--	0	--
Hemlock	7,932	675.17	4,610	744.18	0	--	3,322	579.42	0	--
Spruce	263	821.05	263	821.05	0	--	0	--	0	--
Other softwoods	181	877.83	86	1,177.80	0	--	95	605.76	0	--
All softwoods	30,236	885.82	26,819	924.77	0	--	3,417	580.15	0	--
All hardwoods	744	1,081.67	744	1,081.67	0	--	0	--	0	--
Red alder	149	484.68	149	484.68	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	3,202	915.45	3,202	915.45	0	--	0	--	0	--
Hemlock	1,935	954.31	1,935	954.31	0	--	0	--	0	--
Spruce	99	956.33	99	956.33	0	--	0	--	0	--
All softwoods	5,237	930.58	5,237	930.58	0	--	0	--	0	--
Red alder	135	319.33	135	319.33	0	--	0	--	0	--
Seattle:										
Redcedar	45	1,480.29	25	507.12	0	--	20	2,675.61	0	--
Hemlock	83	376.47	0	--	0	--	83	376.47	0	--
Spruce	640	466.47	640	466.47	0	--	0	--	0	--
Other softwoods	472	1,162.21	86	2,142.95	0	--	331	765.05	0	--
All softwoods	1,241	762.25	751	659.46	0	--	435	780.12	0	--
All hardwoods	2,356	1,941.91	1,051	2,204.37	0	--	905	1,796.26	0	--
Red alder	3	885.62	3	885.62	0	--	0	--	0	--

Table 30--Volume and average value of log exports by port, species, and destination, Seattle Customs District, fourth quarter 1993 (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
Tacoma:										
Douglas-fir	59,209	952.03	59,177	952.29	0	--	0	--	0	--
Redcedar	231	957.73	231	957.73	0	--	0	--	0	--
Hemlock	18,182	765.97	18,182	765.97	0	--	0	--	0	--
Spruce	611	622.72	611	622.72	0	--	0	--	0	--
Other softwoods	3,026	609.96	3,026	609.96	0	--	0	--	0	--
All softwoods	81,260	895.20	81,228	895.36	0	--	0	--	0	--
All hardwoods	2,282	812.95	2,266	797.47	8	4,022.14	2	2,077.21	0	--
Red alder	41	904.50	41	904.50	0	--	0	--	0	--
Other ports: ^a										
Douglas-fir	3,355	1,050.57	3,309	1,059.04	0	--	0	--	47	451.53
Redcedar	44	1,709.04	0	--	0	--	0	--	44	1,709.04
Hemlock	1,221	414.38	523	499.12	0	--	0	--	89	179.90
Other softwoods	143	447.09	0	--	0	--	0	--	143	447.09
All softwoods	4,763	875.49	3,831	982.68	0	--	0	--	323	545.60
All hardwoods	196	759.64	96	769.32	0	--	0	--	87	452.15
Total:										
Douglas-fir	117,653	948.38	117,524	948.81	0	--	50	701.55	47	451.53
Redcedar	2,336	855.84	663	1,422.49	0	--	1,628	602.00	44	1,709.04
Hemlock	58,290	725.86	43,619	765.68	4,931	611.86	9,042	624.85	89	179.90
Spruce	3,033	618.82	1,813	622.83	1,220	612.87	0	--	0	--
Other softwoods	3,843	690.10	3,218	672.86	0	--	426	729.58	143	447.09
All softwoods	185,155	866.40	166,838	893.95	6,151	612.06	11,147	625.86	323	545.60
All hardwoods	5,991	1,273.18	4,341	1,167.16	8	4,022.14	1,136	1,593.00	87	452.15
Red alder	486	614.03	327	472.54	0	--	159	905.47	0	--

^a Bellingham, Blaine, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 31--Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1993

(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
Astoria:										
Douglas-fir	6,202	945.95	5,842	938.37	0	--	360	1,068.94	0	--
Hemlock	34,852	753.50	5,929	833.07	0	--	28,923	737.20	0	--
Spruce	1,145	919.63	1,145	919.63	0	--	0	--	0	--
Other softwoods	1,906	829.84	1,906	829.84	0	--	0	--	0	--
All softwoods	44,105	788.18	14,822	880.84	0	--	29,283	741.28	0	--
All hardwoods	13	906.00	0	--	0	--	13	906.00	0	--
Coos Bay:										
Douglas-fir	122,087	981.61	110,834	1,009.78	9,587	600.48	250	2,920.13	1,179	1,108.27
Port-Orford-cedar	2,863	4,750.47	2,863	4,750.47	0	--	0	--	0	--
Redcedar	219	507.34	0	--	0	--	219	507.34	0	--
Hemlock	16,436	656.07	5,400	738.48	7,575	563.28	3,460	730.61	0	--
Spruce	5,705	662.70	460	512.24	2,570	586.28	2,675	762.02	0	--
Other softwoods	253	1,604.03	243	1,537.06	0	--	0	--	0	--
All softwoods	147,563	1,006.51	119,801	1,086.11	19,732	584.35	6,605	818.92	1,179	1,108.27
All hardwoods	3	1,437.90	0	--	0	--	0	--	3	1,437.90
Longview (Washington):										
Douglas-fir	400,698	1,063.53	390,515	1,065.33	7,994	1,020.93	2,188	899.35	0	--
Port-Orford-cedar	506	2,075.92	506	2,075.92	0	--	0	--	0	--
Redcedar	99	2,265.00	99	2,265.00	0	--	0	--	0	--
Hemlock	47,137	833.07	35,671	833.81	2,470	843.03	8,997	827.41	0	--
Spruce	2,018	884.90	1,947	887.19	65	805.36	6	1,006.67	0	--
Other softwoods	10,602	883.52	9,863	877.86	406	860.91	333	1,078.62	0	--
All softwoods	461,060	1,036.42	438,601	1,042.93	10,935	973.53	11,524	848.42	0	--
All hardwoods	946	1,156.39	797	1,251.43	0	--	120	468.04	30	1,377.65
Newport:										
Douglas-fir	9,290	1,071.94	8,644	1,100.50	0	--	646	689.72	0	--
Hemlock	2,655	659.32	1,657	689.41	0	--	998	609.35	0	--
Spruce	399	697.06	399	697.06	0	--	0	--	0	--
Other softwoods	117	953.70	117	953.70	0	--	0	--	0	--
All softwoods	12,460	970.91	10,817	1,021.05	0	--	1,644	640.93	0	--
Portland:										
Douglas-fir	74,808	1,139.72	74,807	1,139.70	0	--	0	--	1	2,502.37
Port-Orford-cedar	479	2,115.02	320	2,189.89	0	--	0	--	159	1,964.68
Redcedar	217	507.61	51	508.05	0	--	13	503.22	0	--
Hemlock	7,385	947.20	5,689	921.83	0	--	1,696	1,032.28	0	--
Spruce	196	1,362.40	196	1,362.40	0	--	0	--	0	--
Other softwoods	1,276	1,086.44	996	1,145.51	0	--	54	602.82	202	829.43
All softwoods	84,362	1,126.49	82,059	1,128.90	0	--	1,763	1,015.21	363	1,333.01
All hardwoods	2,098	2,023.93	949	2,038.54	8	2,077.07	168	1,730.74	554	2,027.08
Red alder	142	2,500.67	0	--	0	--	0	--	12	902.79
Total:										
Douglas-fir	613,085	1,055.45	590,642	1,063.58	17,581	791.66	3,445	1,024.63	1,180	1,109.57
Port-Orford-cedar	3,849	4,070.67	3,689	4,161.52	0	--	0	--	159	1,964.68
Redcedar	536	833.34	150	1,670.74	0	--	232	507.11	0	--
Hemlock	108,465	784.20	54,346	829.07	10,045	632.05	44,074	763.56	0	--
Spruce	9,463	757.11	4,147	858.69	2,635	591.70	2,681	762.56	0	--
Other softwoods	14,153	908.02	13,125	904.08	406	860.91	387	1,011.89	202	829.43
All softwoods	749,550	1,024.97	666,099	1,057.33	30,667	723.12	50,819	781.92	1,542	1,161.12
All hardwoods	3,060	1,750.33	1,745	1,679.23	8	2,077.07	300	1,388.00	587	1,991.18
Red alder	142	2,500.67	0	--	0	--	0	--	12	902.79

Source: U.S. Department of Commerce.

Table 32—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1993

(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
Astoria:										
Douglas-fir	1,902	868.40	1,773	860.83	0	--	128	973.05	0	--
Hemlock	5,887	583.01	1,286	768.87	0	--	4,601	531.08	0	--
Spruce	33	790.47	33	790.47	0	--	0	--	0	--
Other softwoods	1,745	843.64	1,745	843.64	0	--	0	--	0	--
All softwoods	9,566	688.00	4,837	829.71	0	--	4,729	543.06	0	--
Coos Bay:										
Douglas-fir	22,482	979.00	22,482	979.00	0	--	0	--	0	--
Port-Orford-cedar	542	6,318.70	542	6,318.70	0	--	0	--	0	--
Hemlock	4,277	584.94	2,176	611.43	2,102	557.52	0	--	0	--
Spruce	205	557.68	0	--	205	557.68	0	--	0	--
Other softwoods	9	3,318.70	0	--	0	--	0	--	0	--
All softwoods	27,517	1,020.62	25,200	1,062.14	2,307	557.54	0	--	0	--
Longview (Washington):										
Douglas-fir	105,929	1,021.27	105,929	1,021.27	0	--	0	--	0	--
Port-Orford-cedar	5	1,725.71	5	1,725.71	0	--	0	--	0	--
Hemlock	8,232	819.11	8,232	819.11	0	--	0	--	0	--
Spruce	795	745.34	795	745.34	0	--	0	--	0	--
Other softwoods	2,661	921.69	2,661	921.69	0	--	0	--	0	--
All softwoods	117,622	1,003.04	117,622	1,003.04	0	--	0	--	0	--
All hardwoods	684	1,381.36	684	1,381.36	0	--	0	--	0	--
Newport:										
Douglas-fir	751	1,050.00	751	1,050.00	0	--	0	--	0	--
Hemlock	425	877.04	425	877.04	0	--	0	--	0	--
All softwoods	1,175	987.50	1,175	987.50	0	--	0	--	0	--
Portland:										
Douglas-fir	4,008	1,162.66	4,008	1,162.66	0	--	0	--	0	--
Port-Orford-cedar	22	3,939.25	17	4,468.07	0	--	0	--	4	1,740.47
Other softwoods	220	1,059.87	144	1,254.54	0	--	0	--	76	693.59
All softwoods	4,250	1,171.47	4,170	1,179.65	0	--	0	--	81	748.08
All hardwoods	955	1,748.65	642	1,737.29	8	2,077.07	51	2,026.91	227	1,384.96
Red alder	12	902.79	0	--	0	--	0	--	12	902.79
Total:										
Douglas-fir	135,072	1,016.44	134,944	1,016.48	0	--	128	973.05	0	--
Port-Orford-cedar	568	6,190.69	564	6,223.77	0	--	0	--	4	1,740.47
Hemlock	18,821	693.35	12,119	778.52	2,102	557.52	4,601	531.08	0	--
Spruce	1,033	709.51	828	747.14	205	557.68	0	--	0	--
Other softwoods	4,636	903.78	4,550	902.28	0	--	0	--	76	693.59
All softwoods	160,130	991.59	153,004	1,011.99	2,307	557.54	4,729	543.06	81	748.08
All hardwoods	1,639	1,595.38	1,326	1,553.73	8	2,077.07	51	2,026.91	227	1,384.96
Red alder	12	902.79	0	--	0	--	0	--	12	902.79

Source: U.S. Department of Commerce.

**Table 33--Volume and average value of log exports by port, species, and destination,
San Francisco Customs District, 1993**

(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	2,603	1,991.47	2,603	1,991.47	0	--	0	--	0	--
Port-Orford-cedar	35	7,191.38	35	7,191.38	0	--	0	--	0	--
Hemlock	79	815.40	79	815.40	0	--	0	--	0	--
Other softwoods	296	515.23	296	515.23	0	--	0	--	0	--
All softwoods	3,014	1,876.19	3,014	1,876.19	0	--	0	--	0	--
Oakland:										
Douglas-fir	186	475.54	0	--	0	--	0	--	0	--
Port-Orford-cedar	11	1,742.31	0	--	0	--	0	--	11	1,742.31
Redcedar	89	661.83	0	--	0	--	0	--	89	661.83
Other softwoods	6,482	607.82	273	1,857.28	15	1,679.33	31	1,016.18	54	1,694.50
All softwoods	6,769	606.32	273	1,857.28	15	1,679.33	31	1,016.18	155	1,103.11
Hardwoods	3,977	2,408.13	2,104	2,216.46	67	2,999.95	556	2,019.51	122	2,229.50
Richmond:										
Douglas-fir	1,180	1,054.77	1,180	1,054.77	0	--	0	--	0	--
Other softwoods	1,762	683.22	1,762	683.22	0	--	0	--	0	--
All softwoods	2,943	832.26	2,943	832.26	0	--	0	--	0	--
Sacramento:										
Douglas-fir	3,304	940.91	3,304	940.91	0	--	0	--	0	--
Other softwoods	8,661	734.46	6,072	809.91	2,589	557.46	0	--	0	--
All softwoods	11,964	791.46	9,376	856.07	2,589	557.46	0	--	0	--
San Francisco:										
Douglas-fir	1,104	1,500.15	1,104	1,500.15	0	--	0	--	0	--
Port-Orford-cedar	175	1,743.62	175	1,743.62	0	--	0	--	0	--
Other softwoods	34	1,099.64	21	1,151.91	0	--	0	--	0	--
All softwoods	1,313	1,522.39	1,300	1,527.40	0	--	0	--	0	--
Hardwoods	109	1,351.05	83	1,331.28	0	--	0	--	0	--
Total:										
Douglas-fir	8,376	1,346.78	8,190	1,366.52	0	--	0	--	0	--
Port-Orford-cedar	222	2,609.14	211	2,656.34	0	--	0	--	11	1,742.31
Redcedar	89	661.83	0	--	0	--	0	--	89	661.83
Hemlock	79	815.40	79	815.40	0	--	0	--	0	--
Other softwoods	17,236	678.34	8,425	807.84	2,603	563.74	31	1,016.18	54	1,694.50
All softwoods	26,003	910.52	16,906	1,101.59	2,603	563.74	31	1,016.18	155	1,103.11
Hardwoods	4,087	2,379.81	2,188	2,182.79	67	2,999.95	556	2,019.51	122	2,229.50

Source: U.S. Department of Commerce.

**Table 34—Volume and average value of log exports by port, species, and destination,
San Francisco Customs District, fourth quarter 1993**

(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
Oakland:										
Redcedar	89	661.83	0	--	0	--	0	--	89	661.83
Other softwoods	1,582	497.98	0	--	0	--	31	1,016.18	0	--
All softwoods	1,672	506.75	0	--	0	--	31	1,016.18	89	661.83
All hardwoods	1,032	2,516.78	539	2,210.49	67	2,999.95	79	2,633.72	6	3,136.15
Sacramento:										
Douglas-fir	437	939.75	437	939.75	0	--	0	--	0	--
Other softwoods	2,869	788.18	2,869	788.18	0	--	0	--	0	--
All softwoods	3,306	808.22	3,306	808.22	0	--	0	--	0	--
San Francisco:										
Douglas-fir	1,104	1,500.15	1,104	1,500.15	0	--	0	--	0	--
Port-Orford-cedar	175	1,743.62	175	1,743.62	0	--	0	--	0	--
All softwoods	1,279	1,533.56	1,279	1,533.56	0	--	0	--	0	--
All hardwoods	26	1,413.66	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	1,541	1,341.13	1,541	1,341.13	0	--	0	--	0	--
Port-Orford-cedar	175	1,743.62	175	1,743.62	0	--	0	--	0	--
Redcedar	89	661.83	0	--	0	--	0	--	89	661.83
Other softwoods	4,451	685.02	2,869	788.18	0	--	31	1,016.18	0	--
All softwoods	6,257	875.96	4,586	1,010.57	0	--	31	1,016.18	89	661.83
All hardwoods	1,058	2,489.38	539	2,210.49	67	2,999.95	79	2,633.72	6	3,136.15

Source: U.S. Department of Commerce.

**Table 35--Volume and average value of log exports by port, species, and destination,
Anchorage Customs District, 1993**

(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	204	475.98	204	475.98	0	--	0	--	0	--
Hemlock	32,723	683.07	14,832	827.99	0	--	16,970	567.91	0	--
Spruce	106,303	843.80	79,315	858.31	17,605	782.83	9,383	835.50	0	--
Other softwoods	416	895.88	416	895.88	0	--	0	--	0	--
All softwoods	139,645	805.75	94,767	852.91	17,605	782.83	26,353	633.19	0	--
Hardwoods	31	485.36	31	485.36	0	--	0	--	0	--
Dalton Cache:										
Spruce	2,750	791.71	2,750	791.71	0	--	0	--	0	--
Juneau:										
Redcedar	1,607	298.16	0	--	0	--	0	--	1,607	298.16
Hemlock	47,585	639.17	18,023	765.19	0	--	24,669	566.88	0	--
Spruce	28,774	912.75	27,819	930.22	0	--	876	372.09	0	--
Other softwoods	479	264.69	0	--	0	--	0	--	479	264.69
All softwoods	78,445	730.25	45,842	865.34	0	--	25,545	560.21	2,086	290.48
Ketchikan:										
Douglas-fir	1,248	761.46	1,248	761.46	0	--	0	--	0	--
Redcedar	58,259	699.17	25,690	664.35	0	--	15,517	673.10	79	507.97
Hemlock	137,546	635.43	86,488	712.80	1,464	717.20	46,154	500.08	0	--
Spruce	82,545	1,114.70	70,809	1,202.06	0	--	8,593	577.83	0	--
Other softwoods	51,257	1,023.47	41,235	1,118.11	0	--	1,855	658.05	2,093	237.38
All softwoods	330,855	826.82	225,471	935.33	1,464	717.20	72,119	550.63	2,172	247.17
Skagway:										
Spruce	8,416	501.97	8,416	501.97	0	--	0	--	0	--
Wrangell:										
Redcedar	676	641.80	0	--	0	--	0	--	0	--
Other softwoods	2,256	1,519.98	1,988	1,576.72	0	--	0	--	0	--
All softwoods	2,932	1,317.51	1,988	1,576.72	0	--	0	--	0	--
Total:										
Douglas-fir	1,452	721.36	1,452	721.36	0	--	0	--	0	--
Redcedar	60,542	687.88	25,690	664.35	0	--	15,517	673.10	1,686	307.95
Hemlock	217,853	643.40	119,343	735.03	1,464	717.20	87,793	531.96	0	--
Spruce	228,789	937.01	189,109	980.78	17,605	782.83	18,852	696.53	0	--
Other softwoods	54,407	1,036.40	43,639	1,136.89	0	--	1,855	658.05	2,572	242.47
All softwoods	563,044	805.67	379,234	898.98	19,068	777.80	124,016	576.52	4,258	268.39
Hardwoods	31	485.36	31	485.36	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, fourth quarter 1993**

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	7,242	749.32	4,041	714.90	0	--	3,202	792.75	0	--
Spruce	36,511	761.31	27,864	815.81	6,207	555.84	2,440	661.65	0	--
Other softwoods	416	895.88	416	895.88	0	--	0	--	0	--
All softwoods	44,169	760.61	32,321	804.23	6,207	555.84	5,642	736.05	0	--
Dalton Cache:										
Spruce	728	717.31	728	717.31	0	--	0	--	0	--
Juneau:										
Redcedar	65	640.80	0	--	0	--	0	--	65	640.80
Hemlock	13,423	520.85	5,415	659.57	0	--	6,042	430.89	0	--
Spruce	6,619	877.95	6,424	893.61	0	--	195	362.49	0	--
Other softwoods	136	280.87	0	--	0	--	0	--	136	280.87
All softwoods	20,244	636.39	11,840	786.56	0	--	6,237	428.75	202	397.56
Ketchikan:										
Redcedar	10,908	603.91	5,177	616.83	0	--	675	587.28	0	--
Hemlock	34,873	602.13	22,060	656.17	1,464	717.20	9,828	482.26	0	--
Spruce	23,727	1,191.45	20,998	1,237.40	0	--	1,611	1,025.82	0	--
Other softwoods	14,289	893.80	11,507	954.20	0	--	99	936.62	316	466.68
All softwoods	83,797	818.96	59,743	914.46	1,464	717.20	12,214	563.47	316	466.68
Total:										
Redcedar	10,973	604.13	5,177	616.83	0	--	675	587.28	65	640.80
Hemlock	55,539	601.68	31,516	664.29	1,464	717.20	19,072	518.11	0	--
Spruce	67,585	923.27	56,015	981.50	6,207	555.84	4,247	786.08	0	--
Other softwoods	14,841	888.23	11,923	952.16	0	--	99	936.62	452	410.70
All softwoods	148,939	776.35	104,631	864.56	7,670	586.63	24,092	569.00	517	439.76

Source: U.S. Department of Commerce.

Table 37--Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93

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

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES								
1982	3,788	764.20	335	648.14	0	--	623	2,189.77
1983	4,442	592.01	374	456.83	0	--	241	947.33
1984	5,918	635.80	537	1,900.04	0	--	302	2,153.28
1985	4,024	951.03	1,090	1,178.25	0	--	234	1,399.62
1986	7,603	1,105.20	1,713	753.66	31	419.35	282	1,131.39
1987	15,714	774.84	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	1,607.68
1992:								
1st quarter	10,673	1,191.79	478	1,348.74	0	--	641	2,248.05
2d quarter	7,821	1,330.65	334	2,583.83	0	--	1,189	1,820.86
3d quarter	3,798	897.31	213	1,070.42	77	2,662.34	351	2,720.80
4th quarter	4,684	1,268.51	331	1,968.77	0	--	919	2,521.22
1992 total	26,975	1,207.04	1,355	1,760.15	77	2,662.34	3,099	2,219.43
1993:								
1st quarter	8,147	1,745.43	358	2,455.31	0	--	1,356	2,115.04
2d quarter	13,371	1,369.23	809	1,831.89	0	--	1,409	2,455.64
3d quarter	4,269	1,288.48	255	1,497.05	31	483.87	264	2,897.73
4th quarter	5,896	1,268.97	1,639	1,595.49	0	--	1,058	2,486.66
1993 total	31,684	1,439.43	3,060	1,750.65	31	483.87	4,087	2,379.74
TO JAPAN								
1982	1,465	827.36	35	1,842.97	0	--	417	2,187.03
1983	1,256	731.22	229	356.40	0	--	61	1,627.05
1984	3,260	390.31	398	1,903.16	0	--	218	1,988.82
1985	968	1,038.10	438	1,854.32	0	--	90	1,699.82
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	2,667	1,566.45
1991	14,115	1,335.81	2,963	1,272.70	0	--	2,030	1,845.32
1992:								
1st quarter	5,569	1,362.90	240	1,362.50	0	--	303	2,339.93
2d quarter	4,264	1,425.89	179	2,296.09	0	--	300	2,376.67
3d quarter	895	1,002.01	39	2,435.90	0	--	88	2,368.36
4th quarter	3,017	1,284.33	184	1,309.28	0	--	728	2,479.40
1992 total	13,844	1,341.52	651	1,668.20	0	--	1,418	2,423.84
1993:								
1st quarter	5,819	1,811.35	142	2,387.32	0	--	849	1,998.82
2d quarter	6,511	1,741.51	181	2,375.89	0	--	774	2,379.85
3d quarter	2,375	1,158.32	96	1,049.90	31	483.87	26	1,730.77
4th quarter	4,246	1,183.94	1,326	1,554.30	0	--	539	2,209.65
1993 total	18,752	1,562.18	1,745	1,679.66	31	483.87	2,188	2,182.36
TO PEOPLE'S REPUBLIC OF CHINA								
1982	45	1,000.00	0	--	0	--	0	--
1983	0	--	100	225.00	0	--	0	--
1984	0	--	0	--	0	--	0	--
1985	0	--	59	253.61	0	--	0	--
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:								
1st quarter	145	179.31	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	368	361.41	0	--	0	--	0	--
4th quarter	99	555.56	0	--	0	--	0	--
1992 total	612	351.31	0	--	0	--	0	--
1993:								
1st quarter	0	--	0	--	0	--	0	--
2d quarter	528	454.55	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter	8	4,000.00	8	2,000.00	0	--	67	3,000.00
1993 total	536	507.46	8	2,000.00	0	--	67	3,000.00

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 38--Volume and average value of alder log exports from the Seattle Customs District, 1990-93

(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:								
1st quarter	1,381	405.50	330	330.30	885	470.06	24	708.33
2d quarter	632	481.01	247	587.05	99	333.33	286	440.56
3d quarter	418	406.70	22	545.46	0	—	0	—
4th quarter	806	616.63	224	459.82	361	421.05	47	1,723.40
1992 total	3,237	472.66	824	447.82	1,345	446.10	357	627.45
1993:								
1st quarter	1,393	517.61	535	371.96	714	401.96	0	—
2d quarter	2,154	505.11	257	474.71	1,351	501.14	19	2,000.00
3d quarter	495	612.12	323	502.33	142	797.46	0	—
4th quarter	486	614.83	327	473.47	159	905.66	0	—
1993 total	4,529	532.38	1,442	442.39	2,330	516.26	19	2,000.00

Source: U.S. Department of Commerce.

Table 39—Volume and average value of log exports from southern California ports by species, 1982-93

(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
1982	797	930.99	281	352.31	211	691.94	305	1,632.79
1983	674	424.33	0	—	31	451.61	643	578.54
1984	2,618	364.02	4	500.00	624	285.26	1,990	388.44
1985	1,992	384.54	9	444.44	779	281.13	1,204	451.00
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:								
1st quarter	2,768	1,483.74	11	545.46	829	811.82	1,928	1,778.01
2d quarter	2,783	1,253.32	3	906.00	766	845.95	2,014	1,408.64
3d quarter	2,612	930.32	12	750.00	1,658	497.59	942	1,684.71
4th quarter	1,712	1,589.37	56	482.14	556	600.72	1,100	2,145.46
1992 total	9,874	1,289.95	82	548.78	3,809	651.09	5,983	1,706.84
1993:								
1st quarter	1,485	1,829.63	54	703.70	331	767.37	1,100	2,204.55
2d quarter	2,120	1,401.42	114	798.25	348	617.82	1,658	1,607.73
3d quarter	1,176	1,766.26	75	874.21	315	698.41	785	2,280.28
4th quarter	2,263	1,222.71	126	730.16	1,332	707.96	805	2,037.27
1993 total	7,044	1,523.00	370	775.68	2,326	702.06	4,348	1,959.75

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 40—Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1982-93^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
1982	418	285.81	16	203.81	402	289.07
1983	625	262.78	0	—	614	259.23
1984	714	262.77	34	476.85	74	250.50
1985	475	267.38	49	336.90	426	259.38
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:						
1st quarter	33	330.03	0	—	33	330.03
2d quarter	292	243.15	18	447.41	274	229.93
3d quarter	269	200.74	0	—	269	200.74
4th quarter	499	252.51	335	214.93	164	329.27
1992 total and average value	1,093	239.71	353	226.63	740	245.95
1993:						
1st quarter	1,089	267.22	427	234.19	662	288.52
2d quarter	657	277.02	251	274.90	406	278.33
3d quarter	139	216.06	0	—	139	216.06
4th quarter	1,428	272.41	1,314	262.56	114	385.96
1993 total and average value	3,313	269.54	1,992	258.53	1,321	286.15

^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 41—Volume of log exports from British Columbia ports by species and destination, 1982-92

(In thousand board feet, British Columbia log scale)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1982	252,892	48,192	75,731	38,005	40,446	37,087	13,431
1983	481,377	124,489	179,137	22,565	54,900	52,679	47,607
1984	^a 705,487	132,718	382,809	41,112	80,871	54,293	^a 13,684
1985	532,955	29,892	264,322	31,625	81,719	114,189	11,208
1986	569,372	3,953	299,775	6,845	119,476	118,843	20,480
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
TO JAPAN							
1982	130,457	8,205	51,603	23,459	29,806	16,758	626
1983	241,211	55,266	103,641	20,320	39,997	21,716	271
1984	^a 406,680	88,349	174,230	29,619	69,434	39,208	^a 5,840
1985	321,464	12,573	164,618	13,431	54,897	75,021	924
1986	398,124	475	216,119	3,741	96,488	79,779	1,522
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	157,616	2,053	99,205	3,775	38,896	13,046	640
1991	154,879	662	109,735	1,413	39,161	3,709	199
1992	203,518	5,996	142,566	2,920	50,509	664	863
TO UNITED STATES							
1982	63,900	1,524	23,241	10,705	5,695	20,044	2,691
1983	112,505	11,310	59,440	961	11,777	25,649	3,368
1984	^a 110,263	8,167	73,102	6,867	8,426	8,752	^a 4,979
1985	95,515	1,004	30,073	12,961	23,988	25,124	2,365
1986	55,765	255	27,750	1,852	8,759	15,153	1,996
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
TO PEOPLE'S REPUBLIC OF CHINA							
1982	46,689	38,463	0	0	3,787	0	8,911
1983	110,354	57,913	0	0	3,096	5,286	44,059
1984	^a 171,705	35,869	122,460	0	3,001	6,333	^a 4,102
1985	98,273	16,259	58,288	768	2,224	13,377	7,357
1986	80,613	3,133	38,842	5	8,942	14,061	15,630
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

^a Does not include all hardwoods.

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

Table 42—Average value of log exports from British Columbia ports by species and destination, 1985-92

(In dollars per thousand board feet, Canadian dollars)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1985	296.64	335.08	272.25	367.51	333.84	307.88	183.65
1986	315.94	272.45	293.29	350.34	383.37	323.05	209.84
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
TO JAPAN							
1985	330.47	400.65	290.43	346.46	409.90	346.30	274.18
1986	357.35	406.42	326.85	434.02	407.33	376.84	294.77
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
TO UNITED STATES							
1985	210.20	337.89	162.83	404.41	164.29	210.41	157.27
1986	180.66	182.59	148.48	202.62	285.73	177.65	169.25
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
TO PEOPLE'S REPUBLIC OF CHINA							
1985	269.84	284.39	275.99	377.60	278.19	277.21	161.75
1986	247.97	252.36	251.35	252.20	285.44	272.81	194.88
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	—	—	—	—	—	—	—

NA = not available.

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

Table 43—Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1982-93

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

Year and quarter	Volume	Average value
1982	59,492	313.27
1983	76,674	225.58
1984	65,067	135.12
1985	48,654	275.97
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:		
1st quarter	2,733	394.39
2d quarter	5,387	625.02
3d quarter	7,512	741.75
4th quarter	11,735	330.04
1992 total and average value	27,368	507.49
1993:		
1st quarter	18,745	500.56
2d quarter	9,941	685.02
3d quarter	15,446	390.78
4th quarter	25,724	335.21
1993 total and average value	69,856	441.65

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 44—Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1982-93

Year and quarter	Chipped pulpwood		Roundwood pulpwood	
	Volume	Average value	Volume	Average value
	Short tons ^a	Dollars	Cords ^b	Dollars
1982	1,247,813	32.15	8,320	139.24
1983	1,427,490	24.32	0	--
1984	1,503,698	22.66	0	--
1985	727,446	27.48	0	--
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	0	--
1991	630,798	33.19	0	--
1992:				
1st quarter	84,891	31.88	0	--
2d quarter	120,992	30.01	0	--
3d quarter	185,475	29.02	0	--
4th quarter	109,870	35.89	0	--
1992 total and average value	501,228	31.25	0	--
1993:				
1st quarter	88,172	38.53	0	--
2d quarter	65,029	39.81	0	--
3d quarter	65,416	40.33	0	--
4th quarter	43,395	41.09	0	--
1993 total and average value	262,011	39.72	0	--

^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 45—Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93

(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								
1982	118.5	279.1	15.1	40.3	199.1	10.8	2.3	312.0
1983	118.4	350.4	19.5	87.5	238.1	4.5	8.1	271.6
1984	107.2	349.1	24.6	97.0	177.4	34.2	14.9	315.9
1985	106.1	359.4	15.6	80.2	192.7	8.9	14.9	279.5
1986	152.7	468.5	6.4	79.6	220.7	7.5	3.1	349.6
1987	147.8	460.2	10.8	94.1	253.1	28.7	2.7	324.6
1988	199.1	508.8	14.6	100.5	275.4	30.6	1.4	366.0
1989	196.4	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:								
1st quarter	35.9	92.8	1.8	39.3	80.2	2.8	.6	86.2
2d quarter	28.8	95.8	2.3	47.1	89.8	7.6	.7	86.7
3d quarter	27.0	74.1	8.3	46.2	71.9	4.7	.1	91.5
4th quarter	25.1	86.1	5.3	41.3	44.8	5.3	.1	99.8
1992 total	116.8	328.7	17.8	174.0	286.7	20.5	1.4	364.2
1993:								
1st quarter	26.8	74.5	6.7	26.3	70.9	3.0	.1	64.9
2d quarter	20.5	71.9	.7	26.0	42.6	1.6	.1	38.1
3d quarter	18.5	65.8	4.3	25.8	62.5	.3	.3	22.9
4th quarter	15.8	85.6	3.6	18.0	33.3	.3	.1	8.8
1993 total	81.5	297.8	15.4	96.1	209.3	5.2	.5	134.6
TO JAPAN								
1982	41.0	59.4	13.7	7.3	103.9	1.3	2.3	116.6
1983	31.3	73.8	19.0	29.2	130.1	.5	6.6	136.6
1984	34.8	54.6	21.3	44.8	88.8	20.3	13.7	151.9
1985	25.5	42.8	15.5	44.4	87.1	4.7	13.8	131.9
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	56.4	92.5	16.6	.4	154.2
1991	46.7	103.6	.5	55.4	100.1	8.3	8.9	144.2
1992:								
1st quarter	13.2	19.3	0.0	17.3	27.1	2.8	.6	45.0
2d quarter	9.9	14.2	0.0	11.7	25.8	2.7	.4	35.5
3d quarter	9.8	12.6	4.2	21.4	20.8	2.8	0.0	36.9
4th quarter	11.2	10.0	3.7	29.2	17.8	2.1	0.0	53.0
1992 total	44.1	56.1	7.9	79.5	91.4	10.5	1.1	170.4
1993:								
1st quarter	10.4	13.1	5.6	15.9	29.0	3.0	0.0	32.4
2d quarter	10.3	10.0	.7	12.3	21.9	1.6	.1	30.6
3d quarter	9.2	20.5	.6	8.8	35.6	.3	.3	12.6
4th quarter	6.2	15.9	2.5	13.9	9.6	.3	0.0	8.3
1993 total	36.2	59.4	9.4	50.9	96.2	5.2	.4	83.9

Table 45—Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93 (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								
1982	11.3	31.5	0.0	.1	.4	0.0	0.0	27.6
1983	17.9	42.2	0.0	1.2	2.6	0.0	.7	21.6
1984	4.8	49.2	0.0	3.6	.2	0.0	.4	26.3
1985	8.8	65.5	0.0	.5	.4	0.0	0.0	45.5
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	8.4	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:								
1st quarter	.3	29.8	0.0	1.0	0.0	0.0	0.0	25.8
2d quarter	.2	33.5	0.0	1.4	0.0	0.0	0.0	19.4
3d quarter	.4	28.7	0.0	.1	0.0	0.0	0.0	25.3
4th quarter	.1	26.0	0.0	0.0	0.0	0.0	0.0	21.5
1992 total	1.1	118.0	0.0	2.5	0.0	0.0	0.0	92.1
1993:								
1st quarter	.4	21.8	0.0	.4	0.0	0.0	0.0	16.3
2d quarter	.4	28.4	0.0	.4	0.0	0.0	0.0	2.3
3d quarter	.1	18.3	0.0	.1	0.0	0.0	0.0	5.8
4th quarter	0.0	22.6	0.0	.2	0.0	0.0	0.0	0.0
1993 total	.8	91.1	0.0	1.1	0.0	0.0	0.0	24.4
TO WESTERN EUROPE								
1982	41.5	74.0	0.0	28.8	9.2	6.7	0.0	116.9
1983	42.5	94.3	0.0	46.6	6.8	4.1	0.0	84.7
1984	55.9	85.8	3.2	39.5	2.2	6.3	0.0	115.3
1985	51.0	69.7	0.0	30.0	8.1	2.2	0.0	60.5
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:								
1st quarter	13.4	11.9	1.8	15.4	14.1	0.0	0.0	11.8
2d quarter	13.4	11.5	1.5	13.8	13.5	4.9	0.0	14.3
3d quarter	11.4	5.9	1.2	12.0	8.6	0.0	0.0	17.7
4th quarter	9.8	6.7	0.0	6.1	8.4	0.0	0.0	19.3
1992 total	48.0	36.1	4.4	49.4	42.6	4.9	0.0	63.2
1993:								
1st quarter	10.2	14.4	0.0	4.4	11.8	0.0	0.0	13.4
2d quarter	6.6	4.1	0.0	4.7	.5	0.0	0.0	1.7
3d quarter	5.5	4.9	3.7	13.0	6.4	0.0	0.0	4.4
4th quarter	5.5	10.8	0.0	.8	3.7	0.0	.1	.1
1993 total	28.0	34.2	3.7	23.0	22.4	0.0	.1	19.5

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

Source: U.S. Department of Commerce.

Table 46—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93

(Value in dollars per short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO ALL COUNTRIES								
1982	548.01	382.55	438.25	413.82	477.39	315.82	510.94	376.86
1983	473.02	328.64	431.28	347.78	481.88	282.69	527.93	337.97
1984	523.76	372.82	429.65	389.67	447.84	416.11	532.27	409.97
1985	458.97	312.27	428.87	291.35	377.76	344.96	538.89	336.08
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	806.47	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	766.88	443.70
1992:								
1st quarter	646.53	405.42	719.96	374.70	527.46	418.06	735.61	409.49
2d quarter	655.00	398.00	451.97	345.29	535.25	382.78	504.51	415.66
3d quarter	655.22	408.49	533.12	401.97	549.05	438.35	774.19	452.83
4th quarter	668.00	408.75	675.56	475.93	555.84	469.05	101.27	400.05
1992 average	655.23	404.04	584.13	397.98	539.74	422.99	592.67	419.26
1993:								
1st quarter	676.08	361.34	720.02	375.10	543.08	396.62	490.20	335.59
2d quarter	710.69	364.98	694.20	326.17	525.67	388.65	454.55	345.26
3d quarter	653.91	336.11	724.12	502.73	528.15	394.83	757.40	326.26
4th quarter	774.41	295.83	582.67	365.71	499.07	321.03	684.21	346.02
1993 average	698.80	337.81	687.51	394.44	528.08	390.08	685.34	337.42
TO JAPAN								
1982	616.97	409.90	443.03	428.79	537.68	350.38	510.94	393.73
1983	569.44	365.81	428.94	338.21	512.49	302.63	510.67	353.11
1984	597.40	396.02	472.98	376.02	495.80	439.93	539.79	414.52
1985	537.86	378.67	429.32	271.28	413.59	313.46	552.99	361.19
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	452.67
1992:								
1st quarter	720.84	440.21	—	345.80	577.97	418.06	735.61	400.28
2d quarter	726.58	455.95	—	331.22	567.63	438.33	726.64	420.50
3d quarter	721.68	428.89	571.97	415.35	614.01	473.07	—	453.07
4th quarter	763.88	526.56	692.70	484.30	611.87	450.16	—	406.51
1992 average	733.27	457.02	628.99	413.12	589.78	444.60	732.71	417.85
1993:								
1st quarter	750.24	458.22	718.05	400.73	598.34	396.62	—	335.51
2d quarter	713.38	445.50	694.20	369.64	580.20	388.65	454.55	348.66
3d quarter	580.46	350.24	706.34	403.20	564.71	394.83	757.40	339.64
4th quarter	783.97	410.74	530.74	397.51	562.49	321.03	—	338.24
1993 average	702.28	406.16	666.17	392.76	578.17	390.08	715.01	341.19

Table 46--Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93 (continued)

(Value in dollars per short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO SOUTH KOREA								
1982	435.53	328.31	325.58	231.48	545.45	--	--	356.89
1983	401.13	303.74	--	311.49	556.73	--	598.97	344.53
1984	346.42	348.50	--	376.97	506.33	--	471.03	419.82
1985	376.24	262.04	--	302.17	429.71	--	428.57	285.56
1986	425.65	299.79	--	--	341.70	--	--	385.67
1987	491.95	436.80	--	367.08	--	462.12	--	502.21
1988	588.99	471.83	--	555.22	--	558.07	380.95	622.87
1989	674.04	442.78	--	591.87	--	611.10	--	649.82
1990	718.22	426.73	--	474.81	--	444.77	--	534.47
1991	641.21	340.32	--	376.65	--	350.00	--	425.72
1992:								
1st quarter	500.00	341.24	--	395.28	--	--	--	406.35
2d quarter	589.74	331.88	--	411.38	--	--	--	433.54
3d quarter	651.97	354.56	--	421.88	--	--	--	440.26
4th quarter	603.45	344.42	--	--	--	--	--	378.58
1992 average	584.94	342.51	--	405.45	--	--	--	414.92
1993:								
1st quarter	592.80	303.24	--	357.70	--	--	--	303.94
2d quarter	601.99	268.50	--	331.43	--	--	--	313.65
3d quarter	430.62	263.72	--	272.73	--	--	--	286.26
4th quarter	--	234.93	--	276.86	--	--	--	--
1993 average	594.39	267.50	--	321.59	--	--	--	300.87
TO WESTERN EUROPE								
1982	558.53	414.85	--	412.11	447.00	326.42	--	383.99
1983	477.64	352.34	--	354.56	380.60	280.47	--	328.76
1984	502.26	392.02	139.30	384.23	405.44	377.19	--	403.50
1985	468.72	338.36	--	314.13	373.00	411.13	--	348.08
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	614.01	808.00	639.75	671.18	246.92	453.72	627.00
1991	708.69	451.95	677.69	463.98	564.27	--	705.91	463.42
1992:								
1st quarter	604.75	432.93	719.96	417.92	545.08	--	--	454.87
2d quarter	674.01	457.51	452.23	429.38	561.91	351.65	--	449.21
3d quarter	628.72	438.20	674.72	429.60	570.05	--	--	489.09
4th quarter	580.39	456.49	--	425.86	522.72	--	--	452.19
1992 average	624.81	446.01	619.92	425.42	549.95	351.65	--	462.36
1993:								
1st quarter	560.57	335.09	--	287.25	560.73	--	--	358.76
2d quarter	720.39	355.34	--	306.05	545.46	--	--	375.45
3d quarter	769.23	391.00	727.25	429.45	529.46	--	--	340.32
4th quarter	782.74	244.32	--	306.87	517.73	--	655.06	811.53
1993 average	684.26	316.90	727.25	372.36	544.36	--	655.06	356.55

Source: U.S. Department of Commerce.

Table 47—Volume and average value of chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1982-93

(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
1982	328,374	79.27	1,914,439	83.31	196,292	83.36	74,164	68.98
1983	247,935	74.24	1,668,971	68.17	350,587	66.82	6,645	34.67
1984	216,089	76.89	1,632,815	70.96	331,257	71.41	16,525	46.51
1985	276,054	76.16	1,626,490	74.22	302,147	71.31	0	—
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:								
1st quarter	142,730	101.32	459,378	104.92	71,539	105.03	0	—
2d quarter	151,791	101.68	463,320	106.64	68,337	102.01	0	—
3d quarter	164,030	96.23	434,875	108.26	93,677	97.66	8,589	23.64
4th quarter	124,591	107.39	408,928	107.71	124,178	95.48	6,921	19.36
1992 total and average	583,141	101.28	1,766,502	106.84	357,731	99.21	15,509	21.73
1993:								
1st quarter	173,528	97.20	379,056	106.71	64,864	99.18	0	—
2d quarter	125,783	106.57	397,364	105.71	92,275	108.33	17,641	113.38
3d quarter	174,342	89.29	347,428	102.97	70,767	98.15	21,008	104.67
4th quarter	114,912	90.89	421,056	101.81	102,983	91.35	17,641	113.37
1993 total and average	588,564	95.63	1,544,904	104.28	330,890	99.08	56,289	110.13

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 48--Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^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												
1982	888,401	419,263	308,901	162,237	472,956	117,049	237,174	118,733	415,445	302,214	69,727	43,504
1983	1,022,055	512,979	295,409	213,667	552,877	152,294	223,292	177,091	469,378	360,685	72,117	36,576
1984	949,509	498,419	257,828	195,462	423,477	121,404	181,660	140,413	526,032	375,015	95,968	55,049
1985	905,936	428,536	302,144	177,256	424,322	105,742	184,465	134,115	481,814	320,794	117,879	43,141
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	462,916	162,347	145,330
1989	1,944,049	848,438	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	760,851	271,001	253,770	235,880	669,443	454,820	117,129	97,694
1992:												
1st qtr.	294,180	148,374	80,740	65,066	172,214	67,247	56,215	48,752	121,966	81,127	24,525	16,314
2d qtr.	275,350	162,455	59,568	53,327	137,718	58,999	43,483	35,236	137,632	103,456	16,085	18,091
3d qtr.	300,750	177,807	68,257	54,686	152,453	59,410	52,604	40,439	148,297	118,397	15,853	14,247
4th qtr.	307,128	188,597	73,017	65,514	154,700	58,808	57,144	38,748	152,428	109,789	15,873	26,766
1992 total	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:												
1st qtr.	307,570	167,078	70,145	70,347	159,247	62,467	51,307	45,473	148,323	104,611	18,838	24,874
2d qtr.	307,081	172,737	65,852	68,492	160,753	59,368	49,269	52,116	146,328	113,369	16,583	16,376
3d qtr.	244,107	136,630	38,501	68,978	130,644	50,158	32,285	46,201	113,464	86,472	6,216	20,776
4th qtr.	216,031	126,396	37,571	52,064	131,043	63,882	28,333	38,828	84,988	62,514	9,238	13,236
1993 total	1,074,789	602,841	212,069	259,879	581,667	235,875	161,194	184,618	493,102	366,966	50,875	75,261
TO JAPAN												
1982	414,221	94,181	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983	448,042	113,889	254,524	79,649	315,750	57,802	191,152	66,796	132,292	56,067	63,372	12,853
1984	414,272	99,847	229,242	85,183	248,218	45,966	141,411	58,841	168,054	53,881	87,831	26,342
1985	472,120	97,528	281,675	92,917	266,871	30,930	172,205	63,736	205,249	66,598	109,470	29,181
1986	672,409	129,385	424,528	118,496	497,508	78,111	329,745	89,652	174,901	51,274	94,783	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:												
1st qtr.	181,448	78,197	69,038	34,211	109,896	37,420	47,389	25,087	71,550	40,777	21,649	9,124
2d qtr.	168,187	84,500	54,391	29,296	93,868	35,039	39,173	19,656	74,319	49,461	15,218	9,640
3d qtr.	194,367	100,801	61,671	31,895	109,461	39,249	47,130	23,082	84,908	61,552	14,541	8,813
4th qtr.	196,180	97,259	65,651	33,270	117,371	41,900	51,822	23,649	78,609	55,359	13,829	9,621
1992 total	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:												
1st qtr.	210,891	108,519	63,616	36,756	107,393	36,643	45,183	25,567	103,498	71,876	18,433	13,189
2d qtr.	199,776	97,037	56,066	46,873	115,318	39,878	40,884	34,556	84,458	57,159	15,182	12,117
3d qtr.	147,292	75,867	30,527	40,898	88,626	30,950	25,481	32,195	58,666	44,917	5,046	8,703
4th qtr.	154,596	84,968	33,656	35,973	92,419	40,163	25,113	27,143	62,178	44,805	8,543	8,830
1993 total	712,555	366,391	183,865	162,300	403,756	147,633	136,661	119,462	308,801	218,758	47,204	42,839

Table 48--Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^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 soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO CANADA												
1982	120,189	50,773	11,127	58,289	120,189	50,773	11,127	58,289	0	0	0	0
1983	170,763	72,133	9,733	88,897	170,763	72,133	9,733	88,897	0	0	0	0
1984	109,979	45,625	7,559	58,795	109,979	45,625	7,559	58,795	0	0	0	0
1985	118,951	52,845	6,127	59,979	118,938	52,830	6,127	59,979	15	15	0	0
1986	151,009	59,174	9,848	81,887	151,009	59,174	9,848	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	90,688	210,978	102,218	18,073	90,688	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:												
1st qtr.	41,555	26,404	2,261	12,890	41,555	26,404	2,261	12,890	0	0	0	0
2d qtr.	29,200	19,125	1,206	8,869	29,200	19,125	1,206	8,869	0	0	0	0
3d qtr.	25,750	16,088	1,097	8,565	25,750	16,088	1,097	8,565	0	0	0	0
4th qtr.	21,914	11,334	2,102	8,478	21,914	11,334	2,102	8,478	0	0	0	0
1992 total	118,418	72,951	6,667	38,800	118,418	72,951	6,667	38,800	0	0	0	0
1993:												
1st qtr.	35,634	20,844	2,710	12,080	35,634	20,844	2,710	12,080	0	0	0	0
2d qtr.	28,162	15,523	1,384	11,275	28,162	15,523	1,384	11,275	0	0	0	0
3d qtr.	25,617	15,911	2,208	7,498	25,617	15,911	2,208	7,498	0	0	0	0
4th qtr.	28,338	20,111	868	7,359	28,338	20,111	868	7,359	0	0	0	0
1993 total	117,751	72,389	7,150	38,212	117,751	72,389	7,150	38,212	0	0	0	0
TO PEOPLE'S REPUBLIC OF CHINA												
1982	2,248	2,248	0	0	0	0	0	0	2,248	2,248	0	0
1983	7,402	7,402	0	0	0	0	0	0	7,402	7,402	0	0
1984	43,584	34,208	6	9,350	0	0	0	0	43,584	34,208	6	9,350
1985	17,490	13,998	2,808	684	89	0	0	89	17,401	13,998	2,808	595
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	831	188	0	433	8,836	8,836	0	0
1988	4,941	0	118	4,823	118	0	118	0	4,823	0	0	4,823
1989	9,690	64	313	9,313	555	10	217	328	9,135	54	97	8,985
1990	4,580	0	162	4,418	383	0	162	201	4,217	0	0	4,217
1991	226	0	0	226	226	0	0	226	0	0	0	0
1992:												
1st qtr.	4,016	0	2,401	1,615	0	0	0	0	4,016	0	2,401	1,615
2d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
3d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
4th qtr.	2,293	290	1,002	1,001	290	290	0	0	2,003	0	1,002	1,001
1992 total	6,309	290	3,403	2,616	290	290	0	0	6,019	0	3,403	2,616
1993:												
1st qtr.	73	0	73	0	73	0	73	0	0	0	0	0
2d qtr.	293	225	22	46	293	225	22	46	0	0	0	0
3d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
4th qtr.	48	0	48	0	48	0	48	0	0	0	0	0
1993 total	414	225	143	46	414	225	143	46	0	0	0	0

^a Includes lumber classified as railroad cross ties and not specified by species.

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

Figure 4--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1983-93

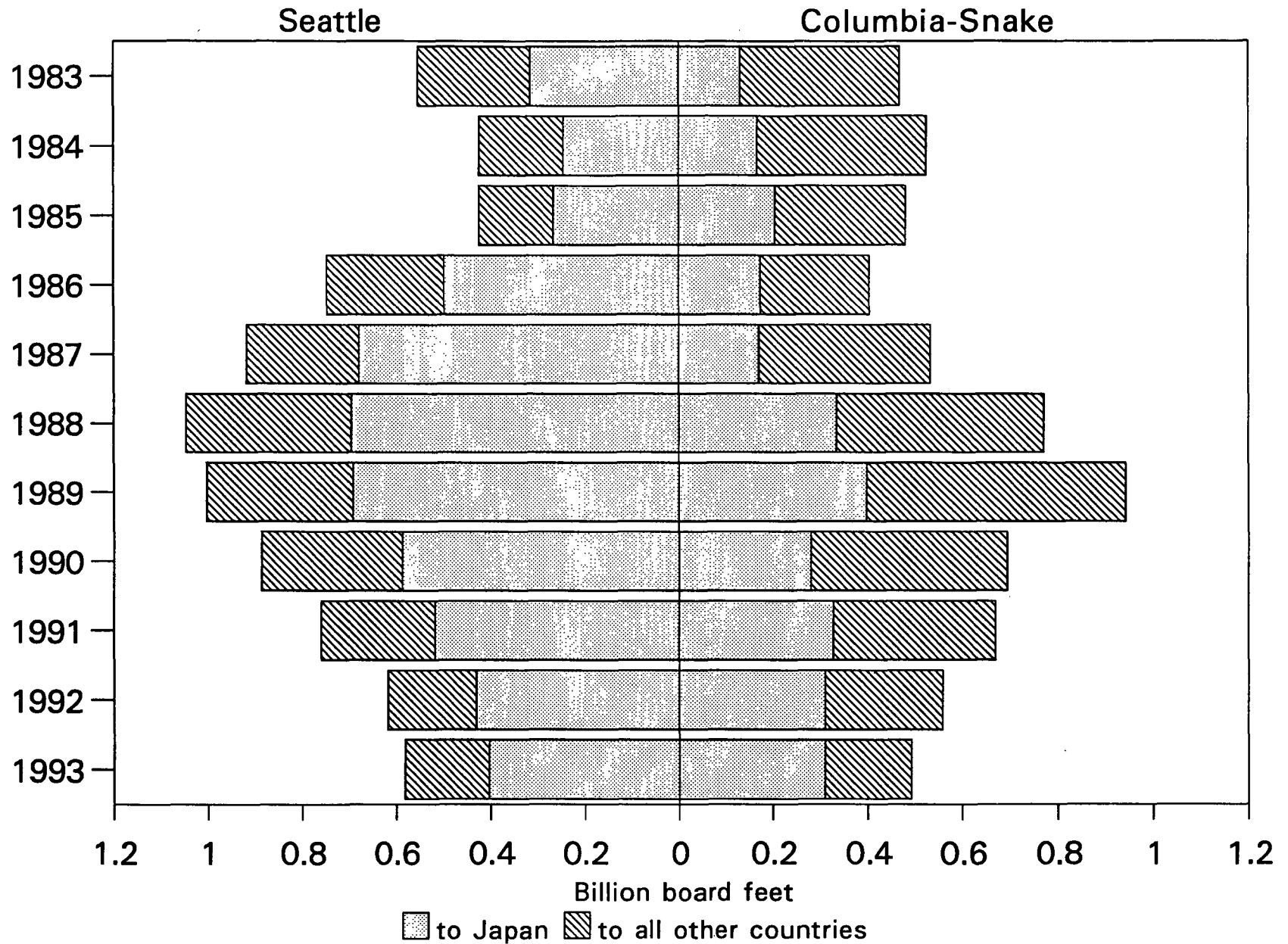


Table 49—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^a

(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												
1982	323,061	175,211	89,511	58,339	142,968	38,056	69,144	37,166	180,696	139,156	20,367	21,173
1983	363,007	206,037	90,489	66,481	166,499	45,242	70,845	50,411	198,509	160,795	19,844	16,070
1984	330,970	190,732	74,134	66,104	132,977	39,207	49,225	44,545	197,993	151,525	24,909	21,560
1985	303,107	158,886	89,107	55,014	130,839	34,168	57,877	38,794	172,269	124,818	31,231	16,220
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	560,824	265,942	195,170	89,812	317,034	86,862	157,523	72,649	243,890	179,080	37,847	27,163
1988	697,515	349,275	208,887	139,353	362,334	119,847	148,273	94,113	335,180	229,327	60,613	45,240
1989	875,758	465,909	220,635	189,015	399,183	133,667	147,991	117,525	476,575	332,241	72,844	71,490
1990	768,650	409,666	170,927	187,857	376,309	130,918	121,773	123,618	392,341	276,948	49,154	64,239
1991	726,343	412,591	159,009	154,743	341,766	128,028	107,831	106,107	384,577	284,563	51,378	48,636
1992:												
1st qtr.	155,589	87,135	34,651	33,803	82,102	34,066	23,127	24,909	73,487	53,069	11,524	8,894
2d qtr.	155,839	100,150	26,067	29,622	68,529	30,978	18,124	19,427	87,310	69,172	7,943	10,185
3d qtr.	164,108	104,804	29,280	30,024	74,129	31,606	21,597	20,926	89,979	73,198	7,683	9,098
4th qtr.	175,704	111,354	31,725	32,615	78,517	37,782	24,210	16,525	97,187	73,582	7,515	16,090
1992 total	651,239	388,453	121,724	131,062	303,276	129,432	87,059	86,785	347,963	269,021	34,665	44,277
1993:												
1st qtr.	180,611	105,645	34,127	40,839	85,862	36,132	24,257	25,473	94,749	69,513	9,870	15,366
2d qtr.	205,932	126,101	37,236	42,595	97,552	39,193	28,168	30,193	108,380	86,908	9,070	12,402
3d qtr.	164,769	104,286	22,110	38,373	74,672	33,118	17,818	24,036	89,787	71,168	4,292	14,337
4th qtr.	148,787	94,651	22,742	31,394	78,996	41,547	16,678	20,771	69,791	53,104	6,064	10,623
1993 total	700,098	430,682	116,215	153,201	337,382	149,990	86,919	100,473	362,716	280,692	29,296	52,728
TO JAPAN												
1982	129,281	29,748	77,542	21,980	81,284	11,752	55,680	13,872	46,997	17,996	21,882	8,119
1983	137,571	33,469	77,244	26,858	88,180	16,073	59,386	22,721	39,391	17,395	17,858	4,137
1984	123,595	30,899	64,637	27,859	74,996	13,802	41,970	19,224	48,598	17,097	22,867	8,635
1985	141,536	28,966	83,125	29,445	82,653	8,795	53,681	20,177	58,883	20,171	29,444	9,268
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	31,888
1990	382,963	126,576	156,635	99,751	250,943	69,069	109,698	72,176	132,020	57,507	46,937	27,575
1991	385,925	142,635	147,131	96,159	229,958	68,819	97,849	63,290	155,967	73,816	49,282	32,869
1992:												
1st qtr.	89,213	38,958	30,597	19,658	53,293	18,705	20,243	14,345	35,920	20,253	10,354	5,313
2d qtr.	84,388	43,539	23,959	16,890	45,592	18,172	16,437	10,983	38,796	25,367	7,522	5,907
3d qtr.	98,748	53,797	26,854	18,097	51,973	20,354	19,704	11,915	46,775	33,443	7,150	6,182
4th qtr.	105,216	55,824	28,811	20,581	59,255	23,000	22,371	13,884	45,961	32,824	6,440	6,697
1992 total	377,565	182,118	110,223	75,224	210,113	80,231	78,756	51,126	167,452	111,887	31,467	24,088
1993:												
1st qtr.	117,419	61,514	31,436	24,469	57,435	20,258	21,843	15,334	59,984	41,256	9,593	9,135
2d qtr.	130,661	67,837	32,720	30,104	71,675	26,548	24,392	20,735	58,986	41,289	8,328	9,369
3d qtr.	93,601	51,612	18,773	23,216	52,293	21,412	15,254	15,627	41,308	30,200	3,519	7,588
4th qtr.	101,917	57,748	21,053	23,116	56,642	25,978	15,527	15,137	45,275	31,770	5,526	7,979
1993 total	443,597	238,711	103,981	100,905	238,045	94,196	77,015	66,834	205,552	144,515	26,966	34,071

Table 49--Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^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 soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO CANADA												
1982	31,671	13,648	3,536	14,505	31,671	13,648	3,536	14,505	--	--	--	--
1983	44,175	20,039	3,297	20,838	44,175	20,039	3,297	20,838	--	--	--	--
1984	31,348	13,068	2,534	15,745	31,348	13,068	2,534	15,745	--	--	--	--
1985	31,657	15,738	2,098	13,821	31,648	15,729	2,098	13,821	9	9	--	--
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	8,931	26,072	63,557	30,555	8,931	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	68,430	43,723	3,730	18,977	68,430	43,723	3,730	18,977	--	--	--	--
1992:												
1st qtr.	19,274	13,180	961	5,133	19,274	13,180	961	5,133	--	--	--	--
2d qtr.	14,125	9,789	588	3,748	14,125	9,789	588	3,748	--	--	--	--
3d qtr.	13,111	8,796	495	3,820	13,111	8,796	495	3,820	--	--	--	--
4th qtr.	10,567	6,009	880	3,678	10,567	6,009	880	3,678	--	--	--	--
1992 total	57,077	37,773	2,923	16,381	57,077	37,773	2,923	16,381	--	--	--	--
1993:												
1st qtr.	19,307	12,939	1,069	5,299	19,307	12,939	1,069	5,299	--	--	--	--
2d qtr.	15,360	9,685	750	4,925	15,360	9,685	750	4,925	--	--	--	--
3d qtr.	13,357	9,220	811	3,326	13,357	9,220	811	3,326	--	--	--	--
4th qtr.	15,922	12,466	406	3,050	15,922	12,466	406	3,050	--	--	--	--
1993 total	63,946	44,310	3,036	16,600	63,946	44,310	3,036	16,600	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA												
1982	577	577	--	--	--	--	--	--	577	577	--	--
1983	2,381	2,381	--	--	--	--	--	--	2,381	2,381	--	--
1984	11,914	8,923	2	2,989	--	--	--	--	11,914	8,923	2	2,989
1985	4,784	3,669	732	383	41	--	--	41	4,743	3,669	732	341
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	1,876	120	--	60	60	1,816	--	--	1,816
1991	115	--	--	115	115	--	--	115	--	--	--	--
1992:												
1st qtr.	1,630	--	994	636	--	--	--	--	1,630	--	994	636
2d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	1,110	108	501	501	108	108	--	--	1,002	--	501	501
1992 total	2,740	108	1,495	1,137	108	108	--	--	2,632	--	1,495	1,137
1993:												
1st qtr.	26	--	26	--	26	--	26	--	--	--	--	--
2d qtr.	103	83	5	15	103	83	5	15	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	32	--	32	--	32	--	32	--	--	--	--	--
1993 total	161	83	63	15	161	83	63	15	--	--	--	--

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 50—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^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												
1982	363.64	417.90	291.68	359.59	301.01	308.04	291.53	313.02	434.95	460.46	292.09	486.70
1983	355.17	401.64	306.32	311.15	301.26	297.07	317.28	284.66	418.66	445.80	272.89	478.61
1984	348.57	384.22	287.76	338.19	314.01	322.95	304.50	317.24	376.39	404.05	259.55	391.65
1985	334.58	372.74	294.92	310.36	308.35	323.13	313.75	289.26	357.69	389.09	265.39	375.67
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	366.08	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	411.87	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:												
1st qtr.	528.89	587.27	429.17	519.52	476.74	506.58	411.40	510.93	602.52	654.15	469.89	545.18
2d qtr.	565.97	616.48	437.60	555.48	497.60	525.06	416.81	551.34	634.37	668.61	493.81	563.54
3d qtr.	545.66	589.43	428.97	549.03	486.24	532.00	410.56	517.47	606.75	618.24	490.83	638.59
4th qtr.	572.09	680.47	434.49	497.83	507.54	642.46	423.67	426.47	637.59	670.21	473.45	601.14
1992 average	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:												
1st qtr.	587.22	632.31	486.52	580.54	539.18	578.42	472.78	560.18	638.80	684.49	523.94	617.75
2d qtr.	670.61	730.02	565.45	621.90	608.84	660.17	571.68	579.34	740.87	766.59	546.95	757.33
3d qtr.	674.99	737.27	574.27	556.32	573.87	660.27	551.90	496.66	791.42	823.02	690.48	690.08
4th qtr.	688.73	748.84	605.31	602.99	602.83	650.37	588.64	534.95	821.19	849.47	656.42	802.58
1993 average	651.38	714.42	548.01	589.51	580.01	635.89	539.22	544.22	735.58	764.90	575.84	700.80
TO JAPAN												
1982	312.11	315.93	297.27	371.19	286.72	281.02	275.85	347.61	359.52	343.82	370.45	420.45
1983	307.05	293.92	303.49	337.21	310.94	278.08	310.68	340.15	297.76	310.26	281.80	328.89
1984	298.34	309.46	282.83	327.05	304.59	300.27	296.79	326.71	289.18	317.31	260.35	327.80
1985	299.79	297.00	295.11	316.90	309.71	284.35	311.73	316.57	286.89	302.88	268.96	317.62
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	352.88	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:												
1st qtr.	491.68	498.20	443.19	574.61	484.94	499.87	427.17	571.81	502.03	496.68	478.27	582.31
2d qtr.	501.75	515.25	440.50	576.53	485.70	518.62	419.60	558.76	522.02	512.67	494.28	612.76
3d qtr.	508.05	533.70	435.44	567.39	474.81	518.59	418.08	516.20	550.90	543.33	491.71	701.46
4th qtr.	536.32	573.97	438.85	618.61	504.85	548.93	431.69	587.09	583.20	592.93	465.69	696.08
1992 average	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:												
1st qtr.	556.78	566.85	494.15	631.36	534.81	552.85	483.43	599.76	579.57	573.99	520.43	692.62
2d qtr.	654.04	699.08	583.60	645.00	621.54	665.73	596.62	600.04	698.41	722.35	548.54	773.21
3d qtr.	635.48	680.30	614.96	567.66	592.05	691.83	598.64	485.39	704.12	672.35	697.42	872.00
4th qtr.	659.25	679.64	625.53	642.59	612.88	646.81	618.29	557.68	728.15	709.07	646.85	903.62
1993 average	622.54	651.52	565.53	621.72	589.58	638.04	563.55	559.46	665.65	660.62	571.27	795.33

Table 50--Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^a (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												
1982	263.51	268.80	317.76	248.85	263.51	268.80	317.73	248.85	--	--	--	--
1983	258.69	277.81	338.73	234.41	258.69	277.81	338.73	234.41	--	--	--	--
1984	285.03	286.43	335.28	277.22	285.03	286.43	335.28	277.22	--	--	--	--
1985	266.13	297.82	342.38	230.43	266.09	297.74	342.38	230.43	590.00	590.00	--	--
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:												
1st qtr.	463.82	499.17	425.03	398.22	463.82	499.17	425.03	398.22	--	--	--	--
2d qtr.	483.73	511.84	487.56	422.60	483.73	511.84	487.56	422.60	--	--	--	--
3d qtr.	509.17	546.74	451.23	446.00	509.17	546.74	451.23	446.00	--	--	--	--
4th qtr.	482.20	530.18	418.65	433.83	482.20	530.18	418.65	433.83	--	--	--	--
1992 average	482.00	517.79	438.43	422.19	482.00	517.79	438.43	422.19	--	--	--	--
1993:												
1st qtr.	541.81	620.75	394.47	438.66	541.81	620.75	394.47	438.66	--	--	--	--
2d qtr.	545.42	623.91	549.85	436.81	545.42	623.91	549.85	436.81	--	--	--	--
3d qtr.	521.41	579.47	367.30	443.59	521.41	579.47	367.30	443.59	--	--	--	--
4th qtr.	561.86	619.86	467.74	414.46	561.86	619.86	467.74	414.46	--	--	--	--
1993 average	543.06	612.11	424.62	434.42	543.06	612.11	424.62	434.42	--	--	--	--
TO PEOPLE'S REPUBLIC OF CHINA												
1982	257.07	257.07	--	--	--	--	--	--	257.07	257.07	--	--
1983	321.62	321.62	--	--	--	--	--	--	321.62	321.62	--	--
1984	273.48	260.85	353.33	319.66	--	--	--	--	273.48	260.85	353.33	319.66
1985	273.54	262.14	260.70	559.48	464.35	--	--	464.35	272.56	262.14	260.70	573.71
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	388.69	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:												
1st qtr.	405.88	--	413.99	393.81	--	--	--	--	405.88	--	413.99	393.81
2d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	484.08	372.41	500.00	500.50	372.41	372.41	--	--	500.25	--	500.00	500.50
1992 average	434.30	372.41	439.32	434.63	372.41	372.41	--	--	437.28	--	439.32	434.63
1993:												
1st qtr.	356.16	--	356.16	--	356.16	--	356.16	--	--	--	--	--
2d qtr.	351.54	368.89	227.27	326.09	351.54	368.89	227.27	326.09	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	666.67	--	666.67	--	666.67	--	666.67	--	--	--	--	--
1993 average	388.89	368.89	440.56	326.09	388.89	368.89	440.56	326.09	--	--	--	--

^a Includes lumber classified as railroad cross ties and not specified by species.

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

Table 51—Volume and average value of softwood lumber exports from southern California ports by species and destination, 1982-93^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						
1982	71,073	223.92	7,352	276.93	63,721	217.82
1983	134,834	70.80	2,603	329.24	132,331	65.51
1984	78,830	244.78	2,979	277.81	75,651	243.49
1985	85,765	284.83	2,067	340.59	83,698	283.59
1986	118,473	254.78	2,523	332.84	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	327.18	318,590	319.92
1991	478,096	267.15	29,197	317.60	448,899	263.87
1992:						
1st quarter	54,057	685.35	8,300	330.72	45,757	749.68
2d quarter	51,812	703.42	10,478	370.74	41,136	788.14
3d quarter	52,737	567.76	12,392	382.83	40,345	624.56
4th quarter	65,464	601.98	13,119	390.12	52,345	655.08
1992 total and average value	223,870	637.44	44,288	372.31	179,582	702.82
1993:						
1st quarter	43,783	875.98	3,800	508.42	39,983	910.91
2d quarter	37,177	719.42	4,281	499.18	32,896	748.09
3d quarter	40,816	706.78	5,146	596.77	35,670	722.65
4th quarter	54,602	631.31	8,316	584.30	46,286	639.76
1993 total and average value	176,378	728.08	21,542	557.00	154,836	751.88
TO JAPAN						
1982	290	379.31	12	250.00	278	384.89
1983	2,699	384.59	22	227.27	2,677	385.51
1984	410	509.78	0	--	410	509.76
1985	149	557.05	0	--	149	557.05
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	10,381	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	568.37	8,771	440.77
1992:						
1st quarter	1,569	550.03	513	306.04	1,056	668.56
2d quarter	854	564.25	49	549.34	805	565.16
3d quarter	1,059	459.87	20	150.00	1,039	465.83
4th quarter	1,119	638.07	19	1,473.68	1,100	623.64
1992 total and average value	4,601	553.58	601	357.74	4,000	583.00
1993:						
1st quarter	1,568	362.25	14	785.71	1,554	358.43
2d quarter	986	562.09	26	775.19	960	556.37
3d quarter	853	658.85	7	1,571.43	846	651.30
4th quarter	2,028	683.43	1,397	645.67	631	767.04
1993 total and average value	5,435	564.67	1,444	653.74	3,991	532.45

^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 52--Volume and average value of softwood lumber exports from northern California ports by species and destination, 1982-93^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
TO ALL COUNTRIES								
1982	52,717	401.65	13,855	395.89	7,536	311.84	31,326	425.84
1983	43,280	464.93	18,583	480.71	5,819	333.87	19,078	488.21
1984	23,213	495.46	10,260	459.45	817	405.19	12,336	529.91
1985	33,091	435.25	15,340	452.09	867	386.39	16,884	422.47
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	578.78	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	18,811	556.02	82,109	394.78
1992	83,538	493.81	8,334	661.27	14,281	506.06	60,923	468.03
1993:								
1st quarter	15,333	533.69	2,636	691.96	4,764	461.59	7,933	524.39
2d quarter	16,951	700.14	2,590	963.71	3,994	484.70	10,367	724.99
3d quarter	20,606	839.90	6,807	733.36	4,281	555.01	9,518	1,044.23
4th quarter	13,101	822.69	1,526	893.18	3,810	535.17	7,765	949.90
1993 total and average value	65,990	729.44	13,559	787.30	16,849	502.70	35,582	814.77
TO JAPAN								
1982	38,213	357.18	7,285	388.08	8,581	318.19	24,347	358.44
1983	22,157	373.83	2,233	312.58	5,414	335.43	14,510	397.66
1984	10,127	465.49	345	252.17	321	448.60	9,461	473.84
1985	14,794	389.69	282	262.41	708	347.46	13,804	394.45
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	273.06
1989	64,275	431.24	664	629.52	10,802	653.40	52,809	383.31
1990	51,810	509.82	926	605.83	11,769	674.48	39,115	458.01
1991	49,084	521.39	3,900	418.21	18,604	556.06	26,580	512.27
1992	26,507	562.68	929	1,087.19	14,281	506.06	11,297	591.13
1993:								
1st quarter	6,488	573.06	102	578.43	4,749	461.36	1,637	896.76
2d quarter	6,322	599.97	5	1,200.00	3,963	458.74	2,354	836.45
3d quarter	7,384	631.64	87	770.12	4,175	531.98	3,122	761.05
4th quarter	5,842	597.23	98	1,061.22	3,793	535.20	1,951	694.52
1993 total and average value	26,036	601.63	292	811.84	16,679	495.23	9,065	790.62
TO PEOPLE'S REPUBLIC OF CHINA								
1982	22	318.18	17	235.29	0	--	5	600.00
1983	0	--	0	--	0	--	0	--
1984	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--
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:								
1st quarter	44	886.36	0	--	0	--	44	886.36
2d quarter	19	631.58	0	--	0	--	19	631.58
3d quarter	0	--	0	--	0	--	0	--
4th quarter	27	1,222.22	0	--	0	--	27	1,222.22
1993 total and average value	89	955.06	0	--	0	--	89	955.06

^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 5--Lumber exports from San Francisco and Anchorage Customs Districts, 1983-93

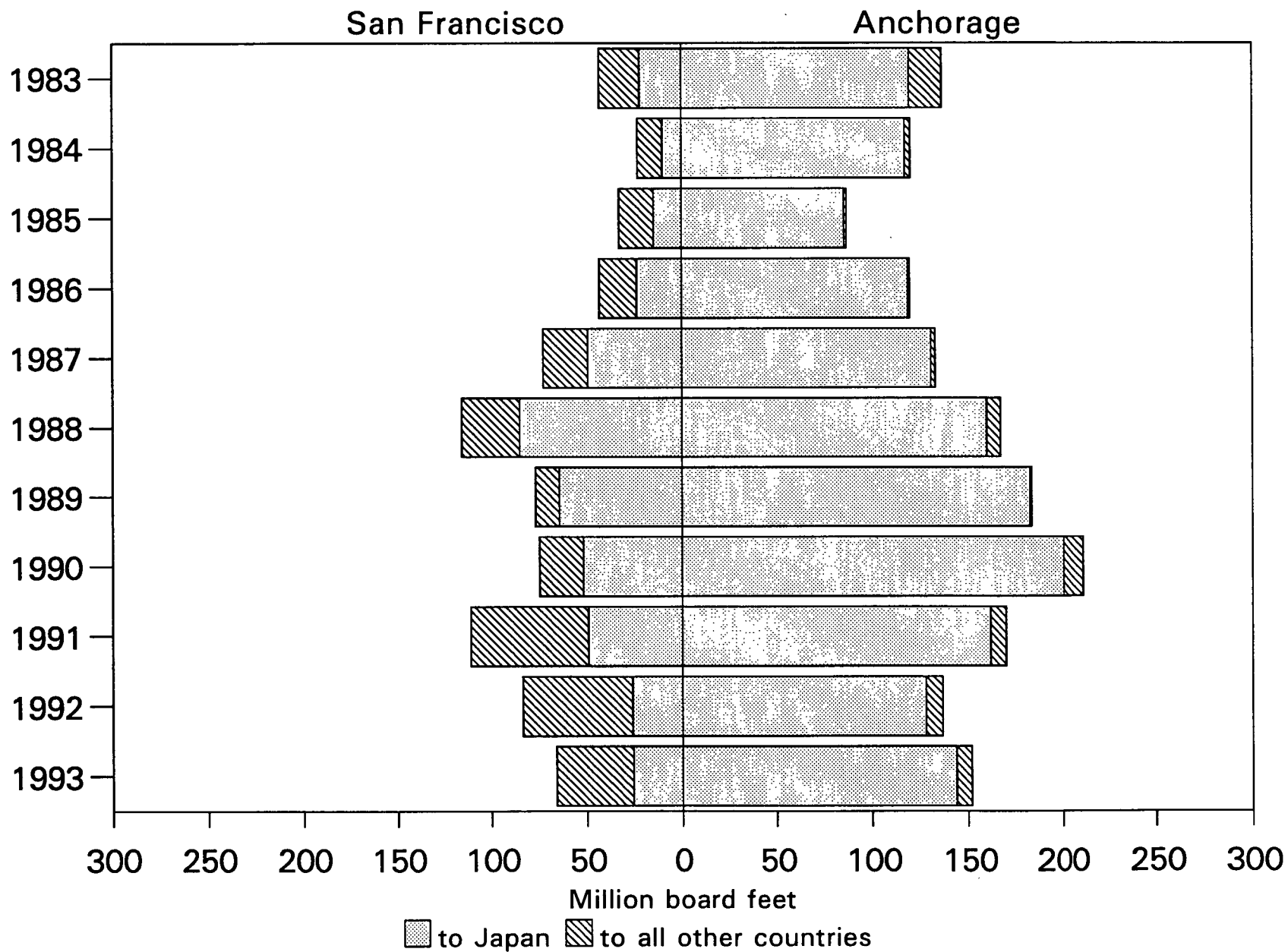


Table 53--Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1982-93

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

Year and quarter	Total		Western hemlock		Sitka spruce		Cedar		Other softwoods	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES										
1982	171,968	340.52	75,500	288.24	94,805	381.83	0	--	1,661	450.33
1983	138,880	330.05	70,791	258.23	64,193	414.20	0	--	1,878	223.75
1984	120,360	278.23	75,445	198.74	44,915	415.10	0	--	0	--
1985	87,127	264.94	59,426	219.80	27,701	381.78	0	--	0	--
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	3,796	309.01
1988	167,453	359.27	98,781	296.81	64,845	456.24	113	300.89	3,714	329.29
1989	183,760	380.04	106,055	333.46	72,870	456.91	2,532	209.72	2,302	280.63
1990	212,010	397.56	119,231	364.44	87,776	453.14	5,002	211.72	0	--
1991	170,308	412.31	95,478	364.84	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:										
1st quarter	42,490	448.32	29,489	418.33	12,628	503.72	59	355.93	314	783.44
2d quarter	43,959	520.04	26,561	429.01	17,112	687.24	0	--	285	330.06
3d quarter	25,490	530.09	14,593	493.39	10,522	585.44	0	--	375	405.33
4th quarter	39,956	543.77	24,362	503.00	15,593	607.52	0	--	0	--
1993 total and average value	151,894	507.35	95,005	454.06	55,856	598.18	59	355.93	974	505.13
TO JAPAN										
1982	155,826	338.04	71,192	282.34	83,966	384.92	0	--	668	383.23
1983	119,662	319.78	64,250	249.14	53,814	407.20	0	--	1,598	215.89
1984	117,425	280.16	72,805	198.57	44,620	416.58	0	--	0	--
1985	85,981	265.77	58,280	220.14	27,701	361.76	0	--	0	--
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	584.05	575	396.52	2,373	287.22
1993:										
1st quarter	41,800	450.19	28,950	422.73	12,578	505.09	0	--	272	834.56
2d quarter	39,984	473.69	25,306	425.59	14,602	555.81	0	--	76	710.53
3d quarter	23,819	497.42	14,593	493.39	9,008	510.32	0	--	218	233.95
4th quarter	37,953	561.51	23,226	518.82	14,728	628.80	0	--	0	--
1993 total and average value	143,557	494.00	92,075	458.94	50,915	556.36	0	--	567	587.30
TO SOUTH KOREA										
1982	2,987	495.48	1,001	494.51	993	495.47	0	--	993	496.48
1983	4,629	588.90	101	316.83	4,528	594.97	0	--	0	--
1984	0	--	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--	0	--
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	5,496	1,195.42	0	--	0	--
1993:										
1st quarter	0	--	0	--	0	--	0	--	0	--
2d quarter	3,785	1,030.81	1,255	461.36	2,510	1,315.54	0	--	0	--
3d quarter	1,514	1,032.37	0	--	1,514	1,032.37	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--	0	--
1993 total and average value	5,280	1,031.06	1,255	461.36	4,025	1,208.94	0	--	0	--

Source: U.S. Department of Commerce.

Table 54—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1993

(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	10,035	659.25	10,035	659.25	0	--	0	--	0	--
Cedars	8	590.59	8	590.59	0	--	0	--	0	--
Hemlock	42,880	589.57	40,091	606.33	0	--	2,789	348.67	0	--
Spruce	215	1,367.03	215	1,367.03	0	--	0	--	0	--
Other softwoods	3,373	560.75	3,355	559.34	0	--	0	--	18	820.02
All softwoods	56,511	603.18	53,704	616.32	0	--	2,789	348.67	18	820.02
Red alder	300	1,075.54	300	1,075.54	0	--	0	--	0	--
All hardwoods	313	1,042.09	313	1,042.09	0	--	0	--	0	--
Everett:										
All hardwoods	17	1,194.75	0	--	0	--	17	1,194.75	0	--
Port Angeles:										
Douglas-fir	284	614.93	127	574.27	0	--	0	--	157	647.82
Other firs	131	445.04	0	--	0	--	0	--	131	445.04
Cedars	32	1,230.54	23	1,207.76	0	--	0	--	8	1,293.16
Hemlock	133	398.91	17	590.00	0	--	0	--	117	371.12
Spruce	92	200.34	92	200.34	0	--	0	--	0	--
Other softwoods	20	910.86	0	--	0	--	0	--	20	910.86
All softwoods	693	522.62	260	499.15	0	--	0	--	433	536.69
All hardwoods	359	561.76	34	291.36	0	--	172	794.32	153	360.87
Seattle:										
Douglas-fir	78,087	629.33	71,849	626.58	0	--	1,508	370.60	0	--
Other firs	28,756	446.13	27,430	440.01	0	--	36	1,145.59	0	--
Cedars	11,831	1,078.24	10,772	1,072.39	0	--	378	485.82	0	--
Hemlock	45,090	557.11	34,331	602.89	48	673.89	4,627	332.79	0	--
Spruce	18,227	470.73	13,060	337.03	0	--	3,546	1,083.39	0	--
Pines	10,605	710.68	8,956	758.87	0	--	688	433.38	0	--
Redwood	581	1,706.15	194	1,645.49	0	--	69	657.33	0	--
Other softwoods	38,384	505.90	32,827	451.35	41	200.08	2,821	628.41	0	--
All softwoods	231,561	588.94	199,419	580.05	89	456.26	13,673	605.70	0	--
Red alder	26,081	1,161.70	7,642	1,106.32	0	--	1,477	2,019.07	0	--
All hardwoods	57,642	1,226.48	28,533	1,282.18	78	919.35	6,936	1,363.48	0	--
Tacoma:										
Douglas-fir	65,686	646.86	62,997	645.94	0	--	0	--	0	--
Other firs	17,336	578.64	17,246	580.10	0	--	0	--	0	--
Cedars	3,420	850.97	2,802	862.80	0	--	9	2,031.62	0	--
Hemlock	60,219	523.78	58,520	529.06	73	349.23	0	--	0	--
Spruce	12,160	397.21	10,939	368.29	0	--	1,037	708.19	0	--
Pines	9,659	734.38	9,477	737.90	0	--	0	--	0	--
Redwood	93	1,651.72	56	1,575.24	0	--	0	--	0	--
Other softwoods	64,434	427.04	63,920	424.78	55	409.57	0	--	0	--
All softwoods	233,008	543.18	225,958	541.42	128	375.12	1,046	719.44	0	--
Red alder	8,299	1,114.78	6,553	1,175.93	0	--	0	--	0	--
All hardwoods	16,258	1,145.67	11,000	1,178.61	0	--	799	1,122.94	0	--

Table 54—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1993 (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	81,783	630.55	2,625	683.98	225	370.45	24	1,404.49	72,151	612.05
Other firs	9,401	418.94	897	278.17	0	--	0	--	6,581	455.96
Cedars	14,567	400.87	884	196.21	0	--	0	--	13,556	410.80
Hemlock	12,872	382.50	3,702	280.58	22	240.67	0	--	7,033	425.40
Spruce	3,864	251.10	485	376.19	0	--	0	--	719	349.37
Pines	10,656	541.25	2	3,061.39	0	--	0	--	10,464	539.80
Redwood	433	774.44	8	6,800.69	0	--	0	--	375	626.51
Other softwoods	24,810	417.89	3,850	240.89	47	300.41	0	--	14,743	489.24
All softwoods	158,386	528.52	12,453	355.83	293	349.57	24	1,404.49	125,424	550.04
Red alder	1,245	1,003.16	125	970.34	0	--	11	1,149.89	747	919.88
All hardwoods	18,006	973.23	388	484.04	0	--	11	1,149.89	17,030	972.90
Total:										
Douglas-fir	235,875	635.89	147,633	638.04	225	370.45	1,532	386.90	72,308	612.13
Other firs	55,625	482.83	45,572	489.84	0	--	36	1,145.59	6,713	455.75
Cedars	29,858	721.77	14,490	978.35	0	--	387	521.37	13,364	411.36
Hemlock	161,194	539.22	136,661	563.55	143	441.07	7,416	388.76	7,150	424.51
Spruce	34,558	425.16	24,791	360.00	0	--	4,583	998.47	719	349.37
Pines	30,921	659.69	18,435	748.35	0	--	688	433.38	10,464	539.80
Redwood	1,107	1,336.82	259	1,798.69	0	--	69	657.33	375	626.51
Other softwoods	131,021	451.93	103,952	430.70	142	313.98	2,821	628.41	14,781	490.22
All softwoods	680,159	560.31	491,794	560.54	510	374.52	17,532	572.70	125,875	550.03
Red alder	35,924	1,144.64	14,619	1,135.72	0	--	1,487	2,012.88	747	919.88
All hardwoods	92,596	1,159.84	40,269	1,243.48	78	919.35	7,934	1,326.28	17,183	967.46

^a Blaine, Boundary, Danville, Friday Harbor, Frontier, Kenmore Air Harbor, Laurier, Lynden, Metaline Falls, Oroville, Sea-Tac Airport, and Sumas.

Source: U.S. Department of Commerce.

Table 55—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1993

(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	1,915	966.26	1,915	966.26	0	--	0	--	0	--
Cedars	8	590.59	8	590.59	0	--	0	--	0	--
Hemlock	8,334	621.91	8,334	621.91	0	--	0	--	0	--
Other softwoods	134	334.28	134	334.28	0	--	0	--	0	--
All softwoods	10,392	681.63	10,392	681.63	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	127	574.27	127	574.27	0	--	0	--	0	--
Hemlock	25	789.05	17	590.00	0	--	0	--	8	1,231.40
All softwoods	152	609.06	144	576.12	0	--	0	--	8	1,231.40
Seattle:										
Douglas-fir	23,486	661.13	22,154	629.93	0	--	0	--	0	--
Other firs	5,847	472.25	5,847	472.25	0	--	0	--	0	--
Cedars	2,950	1,074.95	2,656	1,068.98	0	--	98	434.02	0	--
Hemlock	8,833	508.38	7,064	559.96	48	673.89	216	479.66	0	--
Spruce	4,725	299.29	3,857	289.55	0	--	284	570.14	0	--
Pines	2,248	771.81	2,055	787.39	0	--	0	--	0	--
Redwood	192	1,685.62	86	1,233.16	0	--	0	--	0	--
Other softwoods	9,694	446.91	8,798	442.27	41	200.08	493	522.65	0	--
All softwoods	57,976	582.25	52,515	575.87	89	456.26	1,091	518.50	0	--
Red alder	5,656	1,160.60	1,939	1,103.36	0	--	377	2,339.34	0	--
All hardwoods	13,372	1,256.38	6,602	1,326.65	5	1,343.23	2,132	1,437.54	0	--
Tacoma:										
Douglas-fir	15,621	629.01	14,997	634.93	0	--	0	--	0	--
Other firs	4,940	521.94	4,940	521.94	0	--	0	--	0	--
Cedars	291	791.98	181	748.05	0	--	9	2,031.62	0	--
Hemlock	9,328	668.33	9,098	675.07	0	--	0	--	0	--
Spruce	287	2,333.26	182	2,115.21	0	--	105	2,711.34	0	--
Pines	1,692	734.23	1,662	736.70	0	--	0	--	0	--
Redwood	34	1,528.57	34	1,528.57	0	--	0	--	0	--
Other softwoods	21,606	398.30	21,423	392.58	0	--	0	--	0	--
All softwoods	53,798	547.20	52,517	541.71	0	--	114	2,658.27	0	--
Red alder	2,298	1,227.86	1,979	1,275.97	0	--	0	--	0	--
All hardwoods	4,019	1,203.65	3,228	1,207.99	0	--	70	1,174.57	0	--

Table 55—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, fourth quarter 1993 (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	22,733	627.76	970	594.67	0	—	0	—	20,111	619.85
Other firs	2,912	334.42	825	216.81	0	—	0	—	1,389	421.06
Cedars	2,116	375.46	61	591.58	0	—	0	—	2,019	365.96
Hemlock	1,813	413.85	600	394.25	0	—	0	—	861	460.54
Spruce	311	399.47	0	—	0	—	0	—	311	399.47
Pines	1,898	559.97	0	—	0	—	0	—	1,898	559.97
Redwood	11	1,557.22	0	—	0	—	0	—	11	1,557.22
Other softwoods	4,285	428.66	942	272.72	0	—	0	—	2,043	503.65
All softwoods	36,079	549.63	3,397	378.24	0	—	0	—	28,643	573.22
Red alder	500	991.99	94	1,043.39	0	—	0	—	248	868.74
All hardwoods	4,647	839.63	190	682.79	0	—	0	—	4,264	835.10
Total:										
Douglas-fir	63,882	650.37	40,163	646.80	0	—	0	—	20,111	619.85
Other firs	13,699	460.87	11,611	475.24	0	—	0	—	1,389	421.06
Cedars	5,365	782.97	2,905	1,037.69	0	—	107	566.62	2,019	365.96
Hemlock	28,333	588.63	25,113	618.29	48	673.89	216	479.66	868	467.31
Spruce	5,324	414.91	4,039	371.90	0	—	389	1,148.59	311	399.47
Pines	5,839	692.04	3,717	764.73	0	—	0	—	1,898	559.97
Redwood	237	1,657.40	119	1,316.96	0	—	0	—	11	1,557.22
Other softwoods	35,719	414.89	31,297	402.69	41	200.08	493	522.65	2,043	503.65
All softwoods	158,397	569.46	118,964	564.39	89	456.26	1,205	720.89	28,651	573.39
Red alder	8,454	1,168.91	4,013	1,187.09	0	—	377	2,339.34	248	868.74
All hardwoods	22,039	1,158.90	10,020	1,276.20	5	1,343.23	2,202	1,429.14	4,264	835.10

^a Blaine, Boundary, Danville, Laurier, Lynden, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 56—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1993

(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	112,236	827.75	50,417	766.71	0	--	0	--	0	--
Other firs	4,744	484.77	0	--	0	--	0	--	0	--
Cedars	290	724.13	0	--	0	--	0	--	0	--
Hemlock	360	538.61	86	350.88	0	--	0	--	0	--
Pines	17,045	485.61	0	--	0	--	0	--	0	--
Redwood	1,325	1,159.43	240	2,254.97	0	--	0	--	0	--
Other softwoods	3,695	639.48	183	751.07	0	--	0	--	0	--
All softwoods	139,694	771.56	50,926	772.96	0	--	0	--	0	--
Red alder	103	1,503.09	0	--	0	--	0	--	0	--
All hardwoods	158	1,666.81	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	43,650	591.05	42,093	595.81	0	--	0	--	0	--
Other firs	2,286	512.53	2,238	485.13	0	--	0	--	0	--
Cedars	91	667.32	91	667.32	0	--	0	--	0	--
Hemlock	16,884	512.16	15,932	510.60	0	--	952	538.39	0	--
Spruce	593	611.61	593	611.61	0	--	0	--	0	--
Pines	119	467.79	119	467.79	0	--	0	--	0	--
Redwood	317	1,793.23	317	1,793.23	0	--	0	--	0	--
Other softwoods	13,041	460.45	13,033	460.15	0	--	0	--	0	--
All softwoods	76,980	554.29	74,415	555.58	0	--	952	538.39	0	--
All hardwoods	15	1,898.05	0	--	0	--	0	--	0	--
Portland:										
Douglas-fir	211,081	767.43	126,247	639.86	0	--	292	948.10	1,402	752.53
Other firs	19,807	819.51	17,911	827.59	0	--	94	741.68	0	--
Cedars	3,172	724.91	1,172	752.81	0	--	23	429.18	71	698.64
Hemlock	33,631	608.22	31,186	602.85	0	--	459	514.28	19	261.38
Spruce	1,621	398.26	1,441	405.04	0	--	157	212.32	0	--
Pines	11,998	730.90	9,341	714.32	0	--	25	565.38	161	983.14
Redwood	2,752	1,553.41	2,019	1,788.17	0	--	164	858.63	70	2,082.52
Other softwoods	60,933	434.14	54,639	424.36	0	--	117	789.53	1,987	486.70
All softwoods	344,994	698.91	243,956	612.16	0	--	1,331	655.97	3,710	641.62
Red alder	14,199	1,172.33	5,025	1,266.13	0	--	450	837.56	1,558	635.03
All hardwoods	26,379	1,195.15	13,027	1,275.77	0	--	566	912.33	3,186	675.78
Total:										
Douglas-fir	366,966	764.90	218,758	660.62	0	--	292	948.10	1,402	752.53
Other firs	26,837	734.19	20,150	789.55	0	--	94	741.68	0	--
Cedars	3,553	723.37	1,263	746.64	0	--	23	429.18	71	698.64
Hemlock	50,875	575.85	47,204	571.25	0	--	1,411	530.54	19	261.38
Spruce	2,214	455.43	2,034	465.29	0	--	157	212.32	0	--
Pines	29,162	586.46	9,459	711.23	0	--	25	565.38	161	983.14
Redwood	4,393	1,451.90	2,576	1,832.25	0	--	164	858.63	70	2,082.52
Other softwoods	77,669	448.33	67,855	432.12	0	--	117	789.53	1,987	486.70
All softwoods	561,668	697.16	369,298	622.93	0	--	2,283	606.95	3,710	641.62
Red alder	14,302	1,174.71	5,025	1,266.13	0	--	450	837.56	1,558	635.03
All hardwoods	26,551	1,198.34	13,027	1,275.77	0	--	566	912.33	3,186	675.78

Source: U.S. Department of Commerce.

Table 57--Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, fourth quarter 1993

(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	21,495	918.08	13,519	760.83	0	--	0	--	0	--
Other firs	1,041	328.36	0	--	0	--	0	--	0	--
Cedars	262	594.75	0	--	0	--	0	--	0	--
Hemlock	129	458.61	0	--	0	--	0	--	0	--
Pines	48	722.72	0	--	0	--	0	--	0	--
Redwood	350	1,285.31	96	2,257.05	0	--	0	--	0	--
Other softwoods	753	769.43	83	812.56	0	--	0	--	0	--
All softwoods	24,078	886.91	13,699	771.65	0	--	0	--	0	--
Red alder	39	1,449.99	0	--	0	--	0	--	0	--
All hardwoods	83	1,690.91	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	2,948	712.10	2,948	712.10	0	--	0	--	0	--
Cedars	16	689.74	16	689.74	0	--	0	--	0	--
Hemlock	526	511.45	526	511.45	0	--	0	--	0	--
Redwood	32	723.14	32	723.14	0	--	0	--	0	--
Other softwoods	1,894	523.86	1,894	523.86	0	--	0	--	0	--
All softwoods	5,417	626.77	5,417	626.77	0	--	0	--	0	--
Portland:										
Douglas-fir	38,071	821.36	28,337	684.07	0	--	0	--	174	800.44
Other firs	5,262	847.79	4,942	842.05	0	--	0	--	0	--
Cedars	1,111	703.68	520	698.19	0	--	0	--	28	637.53
Hemlock	8,582	668.35	8,017	655.70	0	--	114	653.87	0	--
Spruce	192	291.75	35	650.12	0	--	157	212.32	0	--
Pines	2,304	790.56	1,578	827.15	0	--	25	565.38	23	1,506.37
Redwood	875	1,558.43	545	2,005.46	0	--	70	882.07	10	1,723.83
Other softwoods	15,723	450.91	14,509	448.15	0	--	42	577.96	706	491.13
All softwoods	72,121	729.06	58,482	651.28	0	--	408	510.08	940	590.55
Red alder	4,530	1,235.96	1,413	1,327.02	0	--	132	940.54	348	648.47
All hardwoods	7,160	1,261.05	2,933	1,384.69	0	--	132	940.54	638	683.17
Total:										
Douglas-fir	62,514	849.46	44,805	709.08	0	--	0	--	174	800.44
Other firs	6,303	762.00	4,942	842.05	0	--	0	--	0	--
Cedars	1,390	682.96	536	697.93	0	--	0	--	28	637.53
Hemlock	9,238	656.48	8,543	646.81	0	--	114	653.87	0	--
Spruce	192	291.75	35	650.12	0	--	157	212.32	0	--
Pines	2,352	789.18	1,578	827.15	0	--	25	565.38	23	1,506.37
Redwood	1,258	1,461.22	673	1,980.86	0	--	70	882.07	10	1,723.83
Other softwoods	18,370	471.48	16,486	458.69	0	--	42	577.96	706	491.13
All softwoods	101,616	761.01	77,597	670.82	0	--	408	510.08	940	590.55
Red alder	4,569	1,237.79	1,413	1,327.02	0	--	132	940.54	348	648.47
All hardwoods	7,242	1,265.95	2,933	1,384.69	0	--	132	940.54	638	683.17

Source: U.S. Department of Commerce.

Table 58—Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1993

(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
Eureka:										
Douglas-fir	5,858	796.51	0	--	0	--	0	--	0	--
Spruce	333	595.33	0	--	0	--	0	--	0	--
Redwood	19,003	771.59	0	--	0	--	0	--	0	--
All softwoods	25,194	775.05	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	7,009	750.41	258	632.73	0	--	0	--	20	784.70
Other firs	2,557	470.75	1,864	542.44	0	--	0	--	0	--
Cedars	1,270	1,241.62	1,028	1,115.67	0	--	24	503.82	0	--
Hemlock	16,264	489.02	16,113	482.12	0	--	14	517.46	0	--
Pines	1,643	520.11	734	875.84	0	--	0	--	0	--
Redwood	1,800	830.54	579	657.56	0	--	448	646.82	0	--
Other softwoods	11,633	800.30	7,103	574.58	70	1,027.31	30	463.46	241	436.90
All softwoods	42,176	655.66	27,680	548.96	70	1,027.31	516	625.95	261	463.96
Red alder	6,703	1,410.75	0	--	0	--	0	--	0	--
All hardwoods	14,444	1,407.78	5,305	1,482.99	0	--	161	1,650.39	278	965.24
San Francisco:										
Douglas-fir	664	1,084.32	34	2,171.20	0	--	0	--	0	--
Cedars	357	1,381.64	339	1,335.02	0	--	0	--	0	--
Hemlock	478	976.92	459	963.93	0	--	0	--	0	--
Pines	561	473.34	554	465.14	0	--	0	--	0	--
Redwood	900	1,030.45	878	1,024.63	0	--	0	--	0	--
Other softwoods	1,780	676.58	1,761	676.93	19	644.07	0	--	0	--
All softwoods	4,741	860.16	4,024	824.30	19	644.07	0	--	0	--
All hardwoods	179	1,696.49	0	--	155	1,625.53	0	--	0	--
Other:										
Douglas-fir	28	1,069.78	0	--	0	--	0	--	0	--
Hemlock	107	460.24	107	460.24	0	--	0	--	0	--
Other softwoods	433	449.47	433	449.47	0	--	0	--	0	--
All softwoods	569	482.44	541	451.60	0	--	0	--	0	--
All hardwoods	126	1,287.11	120	1,325.63	0	--	0	--	0	--
Total:										
Douglas-fir	13,559	787.34	292	811.36	0	--	0	--	20	784.70
Other firs	2,557	470.75	1,864	542.44	0	--	0	--	0	--
Cedars	1,627	1,272.33	1,367	1,169.99	0	--	24	503.82	0	--
Hemlock	16,849	502.69	16,679	495.23	0	--	14	517.46	0	--
Spruce	333	595.33	0	--	0	--	0	--	0	--
Pines	2,204	508.20	1,288	699.27	0	--	0	--	0	--
Redwood	21,704	787.22	1,456	878.74	0	--	448	646.82	0	--
Other softwoods	13,847	773.41	9,297	588.13	89	945.58	30	463.46	241	436.90
All softwoods	72,680	709.03	32,244	581.69	89	945.58	516	625.95	261	463.96
Red alder	6,703	1,410.75	0	--	0	--	0	--	0	--
All hardwoods	14,749	1,410.25	5,425	1,479.50	155	1,625.53	161	1,650.39	278	965.24

Source: U.S. Department of Commerce.

**Table 59--Volume and average value of lumber exports by port, species, and destination,
San Francisco Customs District, fourth quarter 1993**

(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
Eureka:										
Redwood	2,446	1,599.14	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	1,444	860.30	73	646.64	0	--	0	--	0	--
Other firs	1,278	302.15	673	405.86	0	--	0	--	0	--
Cedars	218	1,564.39	173	1,036.07	0	--	0	--	0	--
Hemlock	3,687	498.49	3,670	498.37	0	--	0	--	0	--
Pines	806	275.53	38	2,155.05	0	--	0	--	0	--
Redwood	431	696.84	245	258.67	0	--	0	--	0	--
Other softwoods	3,007	822.27	1,156	860.05	27	1,241.06	13	524.53	196	380.02
All softwoods	10,872	625.76	6,029	575.40	27	1,241.06	13	524.53	196	380.02
Red alder	2,232	1,453.47	0	--	0	--	0	--	0	--
All hardwoods	3,756	1,444.92	946	1,510.03	0	--	40	1,508.59	0	--
San Francisco:										
Douglas-fir	81	1,484.22	25	2,303.03	0	--	0	--	0	--
Cedars	57	1,909.38	57	1,909.38	0	--	0	--	0	--
Hemlock	123	1,635.15	123	1,635.15	0	--	0	--	0	--
Redwood	124	1,037.50	122	980.70	0	--	0	--	0	--
Other softwoods	1,041	545.30	1,041	545.30	0	--	0	--	0	--
All softwoods	1,426	790.16	1,367	770.62	0	--	0	--	0	--
Other:										
All hardwoods	15	845.27	15	845.27	0	--	0	--	0	--
Total:										
Douglas-fir	1,526	893.57	98	1,062.53	0	--	0	--	0	--
Other firs	1,278	302.15	673	405.86	0	--	0	--	0	--
Cedars	275	1,636.04	231	1,252.79	0	--	0	--	0	--
Hemlock	3,810	535.14	3,793	535.20	0	--	0	--	0	--
Pines	806	275.53	38	2,155.05	0	--	0	--	0	--
Redwood	3,000	1,446.51	367	498.23	0	--	0	--	0	--
Other softwoods	4,048	751.04	2,197	710.93	27	1,241.06	13	524.53	196	380.02
All softwoods	14,744	803.16	7,397	611.49	27	1,241.06	13	524.53	196	380.02
Red alder	2,232	1,453.47	0	--	0	--	0	--	0	--
All hardwoods	3,771	1,442.49	961	1,499.49	0	--	40	1,508.59	0	--

Source: U.S. Department of Commerce.

**Table 60--Volume and average value of lumber exports by port, species, and destination,
Anchorage Customs District, 1993**

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Cedars	59	346.23	0	--	0	--	0	--	59	346.23
Juneau:										
Firs	156	640.37	0	--	0	--	0	--	0	--
Other softwoods	107	309.53	0	--	0	--	0	--	0	--
All softwoods	263	506.12	0	--	0	--	0	--	0	--
Ketchikan:										
Firs	231	928.38	231	928.38	0	--	0	--	0	--
Hemlock	63,199	538.91	61,405	543.63	0	--	1,255	461.23	0	--
Spruce	29,511	882.10	25,436	831.80	0	--	4,025	1,208.96	0	--
Pines	336	352.05	336	352.05	0	--	0	--	0	--
All softwoods	93,276	647.77	87,408	627.77	0	--	5,280	1,031.21	0	--
All hardwoods	92	1,360.91	92	1,360.91	0	--	0	--	0	--
Skagway:										
Spruce	170	551.75	170	551.75	0	--	0	--	0	--
All hardwoods	209	188.74	0	--	0	--	0	--	209	188.74
Wrangell:										
Hemlock	31,806	285.48	30,670	289.38	0	--	0	--	0	--
Spruce	26,175	278.41	25,309	279.58	0	--	0	--	0	--
Other softwoods	4	1,068.82	0	--	0	--	0	--	4	1,068.82
All softwoods	57,985	282.34	55,979	284.95	0	--	0	--	4	1,068.82
Total:										
Firs	387	811.98	231	928.38	0	--	0	--	0	--
Cedars	59	346.23	0	--	0	--	0	--	59	346.23
Hemlock	95,005	454.06	92,075	458.94	0	--	1,255	461.23	0	--
Spruce	55,856	598.19	50,915	556.36	0	--	4,025	1,208.96	0	--
Pines	336	352.05	336	352.05	0	--	0	--	0	--
Other softwoods	111	335.72	0	--	0	--	0	--	4	1,068.82
All softwoods	151,754	507.67	143,557	494.00	0	--	5,280	1,031.21	63	389.88
All hardwoods	301	548.14	92	1,360.91	0	--	0	--	209	188.74

Source: U.S. Department of Commerce.

**Table 61—Volume and average value of lumber exports by port, species, and destination,
Anchorage Customs District, fourth quarter 1993**

(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:										
Hemlock	18,175	590.73	18,175	590.73	0	--	0	--	0	--
Spruce	10,269	780.49	10,269	780.49	0	--	0	--	0	--
All softwoods	28,444	659.24	28,444	659.24	0	--	0	--	0	--
Wrangell:										
Hemlock	6,188	245.32	5,051	260.01	0	--	0	--	0	--
Spruce	5,324	273.85	4,458	279.59	0	--	0	--	0	--
All softwoods	11,512	258.51	9,510	269.19	0	--	0	--	0	--
Total:										
Hemlock	24,362	503.00	23,226	518.80	0	--	0	--	0	--
Spruce	15,593	607.50	14,728	628.85	0	--	0	--	0	--
All softwoods	39,956	543.78	37,953	561.51	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 62—Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1982-93^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
1982	46,508	231.62	8,595	263.76	690	340.58	37,223	222.20
1983	66,943	235.01	12,534	260.17	852	327.46	53,557	227.66
1984	52,655	190.01	7,898	274.75	683	342.61	44,074	172.46
1985	34,277	241.56	8,582	270.10	394	329.95	25,301	230.50
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:								
1st quarter	3,929	479.51	1,602	563.05	44	500.00	2,283	420.50
2d quarter	4,160	636.30	2,552	686.52	281	462.63	1,327	576.49
3d quarter	4,051	624.54	2,211	670.29	121	1,008.26	1,719	538.69
4th quarter	3,979	548.88	1,793	707.20	209	928.23	1,977	365.20
1992 total	16,119	573.49	8,158	662.54	655	716.03	7,306	461.27
1993:								
1st quarter	4,676	566.30	2,381	627.89	224	651.79	2,071	486.24
2d quarter	4,226	624.94	1,744	792.43	289	916.96	2,193	453.26
3d quarter	4,087	645.46	2,359	760.07	183	672.13	1,545	467.31
4th quarter	3,680	677.17	2,173	753.80	73	643.84	1,434	562.76
1993 total	16,669	625.05	8,656	728.74	769	756.83	7,244	487.16

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

Source: U.S. Department of Commerce.

Table 63—Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1982-93

(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								
1982	18,019	515.51	3,184	697.85	0	--	4,135	544.88
1983	34,729	542.86	3,668	536.26	0	--	8,031	504.39
1984	36,397	596.86	6,497	687.09	0	--	7,849	452.67
1985	35,841	634.36	3,958	846.29	3,322	280.25	6,987	438.53
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:								
1st quarter	24,859	1,160.83	5,257	1,159.22	0	--	1,564	1,340.15
2d quarter	23,213	1,148.93	6,124	1,162.15	301	548.17	4,154	1,370.73
3d quarter	22,059	1,165.87	7,709	1,183.42	0	--	5,260	1,439.16
4th quarter	21,530	1,171.90	7,075	1,267.00	0	--	3,744	1,441.51
1993 total	91,661	1,161.64	26,165	1,196.18	301	548.17	14,722	1,409.93
TO JAPAN								
1982	2,951	611.66	792	723.48	0	--	3,507	525.52
1983	13,721	599.45	2,601	504.42	0	--	3,737	348.68
1984	20,603	685.24	5,092	696.58	0	--	6,813	406.66
1985	20,690	702.32	2,859	668.77	3,322	280.25	5,793	406.42
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	42,867	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:								
1st quarter	10,535	1,207.78	2,615	1,179.73	0	--	1,277	1,411.90
2d quarter	9,551	1,234.11	3,292	1,281.59	92	1,369.57	1,714	1,389.73
3d quarter	10,183	1,257.11	4,167	1,254.84	0	--	1,473	1,629.33
4th quarter	9,779	1,305.65	2,933	1,384.59	0	--	953	1,504.72
1993 total	40,028	1,250.50	13,027	1,275.81	92	1,369.57	5,417	1,480.52
TO PEOPLE'S REPUBLIC OF CHINA								
1982	0	--	0	--	0	--	0	--
1983	0	--	0	--	0	--	0	--
1984	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--
1986	0	--	0	--	0	--	0	--
1987	0	--	8	875.00	0	--	8	333.33
1988	127	1,023.62	0	--	0	--	0	--
1989	0	--	8,985	400.67	0	--	0	--
1990	210	600.00	4,217	430.84	0	--	0	--
1991	783	518.80	189	730.16	0	--	0	--
1992	333	633.63	0	--	0	--	53	509.43
1993:								
1st quarter	35	1,028.57	0	--	0	--	0	--
2d quarter	38	763.18	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	155	1,619.35
4th quarter	5	1,400.00	0	--	0	--	0	--
1993 total	78	923.08	0	--	0	--	155	1,619.35

Source: U.S. Department of Commerce.

Table 64—Volume of lumber exports from British Columbia ports by species and destination, 1983-93

(In thousand board feet)

Year	Total, all species	Douglas- fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1983	4,797,419	338,866	2,138,634	707,342	193,775	a 1,413,690	5,112
1984	5,822,714	469,278	2,280,805	1,113,568	181,699	1,760,231	17,133
1985	5,856,709	606,452	2,166,417	863,294	217,340	2,000,301	2,905
1986	5,718,134	506,289	2,062,006	862,049	163,672	2,121,451	2,667
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
TO JAPAN							
1983	898,952	33,562	558,412	125,101	62,194	119,565	118
1984	922,658	37,181	567,616	125,112	71,628	119,438	1,683
1985	995,661	56,977	579,064	128,550	86,587	143,891	592
1986	919,224	56,070	492,636	141,210	94,484	133,816	1,008
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
TO UNITED STATES ^b							
1983	2,595,702	187,818	981,755	396,363	121,695	906,034	2,037
1984	3,227,897	253,215	1,120,076	591,324	98,306	1,160,479	4,497
1985	3,956,609	352,433	1,182,889	668,897	126,979	1,623,348	2,063
1986	3,825,528	299,617	1,160,014	650,072	63,164	1,651,033	1,628
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
TO PEOPLE'S REPUBLIC OF CHINA							
1983	135,043	6,274	111,000	0	0	15,907	1,862
1984	116,884	3,063	99,706	0	140	4,449	9,526
1985	104,281	672	103,609	0	0	0	0
1986	40,297	0	39,919	0	0	378	0
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

NA = not available.

^a Incomplete; does not include all "Other softwoods" or "Hardwoods."

^b Figures do not include shipments of railroad crossties.

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

Table 65—Average value of lumber exports from British Columbia ports by species and destination, 1985-93

(In Canadian dollars per thousand board feet)

Year	Total, all species	Douglas- fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1985	315.34	354.05	308.99	468.29	369.93	237.99	694.77
1986	351.94	384.09	339.18	548.29	512.78	264.39	421.09
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
TO JAPAN							
1985	400.55	514.86	329.30	616.65	561.79	349.53	983.67
1986	515.75	618.18	423.36	819.01	657.94	393.42	395.85
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
TO UNITED STATES ^a							
1985	281.33	287.22	290.16	405.94	230.18	225.84	621.69
1986	297.77	291.99	286.20	446.61	267.78	249.35	425.48
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
TO PEOPLE'S REPUBLIC OF CHINA							
1985	284.59	269.55	284.69	—	—	—	—
1986	298.30	—	300.70	—	—	44.64	—
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

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 66—Volume of all species of lumber imports into the Seattle Customs District, 1989-93

(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:							
1st quarter	849,303	849,289	0	0	14	0	0
2d quarter	822,321	822,211	31	11	67	0	0
3d quarter	800,873	799,697	847	14	236	80	0
4th quarter	779,861	778,400	1,151	0	224	0	64
1992 total	3,252,358	3,249,597	2,030	25	541	80	64
1993:							
1st quarter	798,233	796,255	1,135	0	842	0	0
2d quarter	818,528	813,992	1,080	9	3,409	0	0
3d quarter	798,199	794,822	2,044	16	1,317	0	0
4th quarter	864,157	859,489	4,008	0	628	17	0
1993 total	3,279,118	3,264,557	8,267	25	6,197	17	0

Source: U.S. Department of Commerce.

Table 67--Average value of all species of lumber imports into the Seattle Customs District, 1989-93

(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:							
1st quarter	278.05	278.04	--	--	1,142.86	--	--
2d quarter	282.56	282.48	967.74	1,636.36	731.34	--	--
3d quarter	269.12	268.14	922.08	1,500.00	1,110.17	500.00	--
4th quarter	274.60	273.62	758.47	--	1,142.86	--	140.63
1992 average	276.17	275.43	829.06	1,560.00	1,079.48	500.00	140.63
1993:							
1st quarter	343.62	342.15	839.65	--	1,060.57	--	--
2d quarter	346.33	341.42	1,111.02	2,022.86	1,268.45	--	--
3d quarter	317.73	314.74	956.46	1,250.00	1,119.97	--	--
4th quarter	355.92	352.71	917.17	--	1,119.43	1,117.65	--
1993 average	341.24	338.07	941.45	1,520.00	1,193.48	1,117.65	--

Source: U.S. Department of Commerce.

Table 68--Volume of all species of lumber imports into the Columbia-Snake Customs District, 1989-93

(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:								
1st quarter	1,464	25	0	1,422	0	0	0	17
2d quarter	1,997	344	0	1,491	133	29	0	0
3d quarter	1,268	68	0	751	38	411	0	0
4th quarter	1,650	262	0	1,204	0	184	0	0
1992 total	6,380	699	0	4,869	171	625	0	17
1993:								
1st quarter	2,191	117	0	1,650	0	424	0	0
2d quarter	5,940	1,297	171	1,336	0	2,782	286	0
3d quarter	4,790	1,468	0	990	0	2,231	15	0
4th quarter	6,650	1,289	0	2,036	0	3,260	31	0
1993 total	19,572	4,171	171	6,013	0	8,696	333	0

Source: U.S. Department of Commerce.

Table 69--Average value of all species of lumber imports into the Columbia-Snake Customs District, 1989-93

(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:								
1st quarter	926.91	1,960.00	--	917.02	--	--	--	235.29
2d quarter	1,099.15	1,290.70	--	1,035.55	--	1,727.27	--	--
3d quarter	998.42	1,544.12	--	894.81	1,157.90	1,082.73	--	--
4th quarter	676.97	194.66	--	735.88	--	983.70	--	--
1992 average	930.25	928.47	--	904.91	1,257.31	1,059.20	--	235.29
1993:								
1st quarter	931.08	760.68	--	901.82	--	1,094.34	--	--
2d quarter	1,037.67	808.00	362.18	1,221.15	--	1,123.38	762.19	--
3d quarter	967.43	866.49	--	951.52	--	1,038.55	866.67	--
4th quarter	990.08	883.63	--	968.07	--	1,037.12	774.19	--
1993 average	992.34	850.64	362.18	1,003.16	--	1,067.85	765.77	--

Source: U.S. Department of Commerce.

Table 70—Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1982-93

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

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES												
1982	221,809	241.71	9,435	145.63	36,268	252.32	9,346	145.09	185,341	239.84	89	202.25
1983	322,586	223.64	16,541	136.27	38,008	217.53	16,320	134.87	284,578	156.07	221	239.82
1984	156,715	220.29	9,140	166.19	23,663	221.44	9,126	141.90	133,052	480.08	284	788.73
1985	94,676	226.83	10,789	144.04	15,691	213.12	10,013	143.51	78,985	370.72	776	150.77
1986	204,236	210.84	12,622	155.52	26,381	254.69	12,275	156.17	177,855	204.34	347	132.56
1987	243,637	216.55	10,318	152.36	36,200	245.36	10,041	147.79	204,637	211.52	277	317.69
1988	289,573	224.51	20,411	164.47	48,610	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	21,893	285.45	67,461	234.59	18,355	298.23	191,721	208.28	3,638	221.00
1991	237,910	217.53	35,912	264.35	77,471	231.31	32,306	266.58	160,439	210.67	3,606	244.32
1992	144,531	247.46	44,110	294.40	40,085	262.67	43,005	294.48	104,446	241.63	1,105	291.40
1993:												
1st quarter	33,077	293.23	13,961	306.71	15,397	304.35	13,851	309.08	17,680	283.54	110	109.09
2d quarter	33,108	300.35	7,927	387.03	15,429	307.93	7,808	385.50	17,679	293.74	119	489.04
3d quarter	25,546	285.41	6,258	345.64	12,164	297.44	5,759	351.28	13,382	274.47	499	280.56
4th quarter	44,458	244.91	7,348	324.85	12,207	265.26	6,614	321.69	32,251	237.20	534	365.17
1993 total	136,189	277.72	35,494	335.61	55,197	295.18	34,232	336.12	80,992	265.82	1,262	321.71
TO JAPAN												
1982	6,720	313.84	19	894.74	3,152	280.14	19	894.74	3,568	343.61	0	—
1983	5,680	308.45	16	125.00	3,973	275.86	0	—	1,707	384.30	18	125.00
1984	6,429	307.67	0	—	2,054	228.82	0	—	4,375	344.69	0	—
1985	6,050	284.63	898	151.45	1,310	198.18	122	155.74	4,740	309.07	776	150.77
1986	7,644	264.52	39	1,000.00	1,277	245.11	39	1,000.00	6,367	268.42	0	—
1987	11,299	250.64	400	327.50	2,670	268.29	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	418	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:												
1st quarter	2,974	352.05	96	177.08	2,437	380.39	96	177.08	537	223.46	0	—
2d quarter	3,854	371.56	340	617.65	2,723	425.27	266	617.70	1,131	242.26	75	616.82
3d quarter	2,641	308.22	68	485.29	1,116	380.82	14	428.57	1,525	255.08	54	500.00
4th quarter	1,652	241.53	517	363.64	629	254.37	111	279.28	1,023	233.83	406	386.70
1993 total	11,122	331.86	1,021	437.81	6,906	386.48	486	448.56	4,216	242.41	535	428.04
TO WESTERN EUROPE												
1982	170,695	217.23	79	202.53	11,805	244.39	0	—	158,890	215.21	79	202.53
1983	266,229	219.59	145	151.72	13,625	214.61	145	151.72	272,604	219.84	0	—
1984	125,645	211.43	236	152.54	8,651	233.61	236	152.54	116,994	209.79	0	—
1985	73,724	213.73	65	200.00	5,487	225.94	65	200.00	68,227	212.75	0	—
1986	174,439	203.26	304	128.29	9,305	309.30	304	128.29	165,134	197.29	0	—
1987	207,811	211.14	346	199.42	15,480	259.37	346	199.42	192,331	207.26	0	—
1988	232,672	209.74	579	202.07	16,424	212.31	579	202.07	216,248	209.55	0	—
1989	254,053	206.39	71	408.45	26,593	229.95	43	488.37	227,460	203.64	28	285.71
1990	191,734	213.80	3,035	200.89	24,129	267.19	111	279.28	167,605	206.11	2,924	198.02
1991	162,745	217.03	4,882	247.23	19,376	255.01	1,971	239.47	143,369	211.90	2,911	252.49
1992	99,956	245.45	2,156	551.65	9,182	297.67	1,589	664.57	90,774	240.15	567	236.33
1993:												
1st quarter	16,657	290.39	150	1,153.33	620	440.32	150	1,153.33	16,037	284.59	0	—
2d quarter	12,846	298.61	46	1,021.74	393	488.19	46	1,021.74	12,453	293.26	0	—
3d quarter	6,967	328.98	0	—	818	446.87	0	—	6,049	311.15	0	—
4th quarter	32,553	237.60	45	355.56	3,725	288.86	0	—	28,828	231.20	45	355.56
1993 total	69,023	271.01	241	879.25	5,656	343.71	196	1,122.45	63,367	264.52	45	355.56

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 71—Volume and average value of plywood exports from California, 1982-93^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
1982	7,464	415.46	3,026	264.04	1,364	1,095.31	1,557	260.76	1,517	265.00
1983	8,117	272.51	3,442	306.22	974	219.71	1,319	195.60	2,382	287.99
1984	9,405	310.05	2,608	332.44	513	395.71	1,629	254.76	4,655	307.41
1985	15,504	332.69	6,239	257.57	325	280.00	1,720	227.91	7,220	424.93
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:										
1st quarter	27,936	140.64	1,069	206.74	21	476.19	16,533	134.76	10,313	142.54
2d quarter	26,898	155.03	158	360.76	316	139.24	15,647	145.52	10,777	166.28
3d quarter	36,488	141.86	515	302.91	288	225.69	22,531	136.21	13,154	143.38
4th quarter	28,549	176.26	393	259.54	782	116.58	21,589	172.13	5,785	194.30
1992 total	119,871	152.73	2,135	251.05	1,407	148.54	76,300	147.97	40,029	156.71
1993:										
1st quarter	23,066	177.10	532	218.05	12	1,583.33	13,380	189.61	9,142	154.56
2d quarter	19,989	231.68	6	666.67	79	658.23	15,095	220.47	4,809	259.31
3d quarter	19,655	231.04	463	269.98	172	389.54	15,408	205.02	3,612	329.46
4th quarter	22,049	228.31	185	194.59	684	288.01	17,499	214.64	3,681	283.89
1993 total	84,760	215.76	1,186	236.09	947	353.75	61,382	208.19	21,245	230.36

^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 72--Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1982-93

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

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES												
1982	231,318	28.81	19,514	41.87	148,878	26.79	5,870	58.09	82,440	31.89	13,644	34.81
1983	292,795	27.80	14,330	65.39	180,267	27.00	13,893	62.69	132,528	28.77	437	151.03
1984	268,108	27.04	37,273	92.91	127,697	30.35	31,771	103.11	138,409	23.99	5,502	33.81
1985	221,547	29.58	38,473	92.87	153,095	28.82	36,161	97.78	68,452	31.19	2,312	17.73
1986	333,798	30.57	64,748	108.64	271,342	29.28	61,800	109.45	62,456	36.15	2,946	81.65
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
1991	124,425	91.79	135,266	142.31	111,897	88.11	132,675	141.98	12,528	124.68	2,591	159.40
1992	132,503	88.25	124,510	129.77	116,204	71.31	108,327	136.76	16,299	208.97	16,183	82.99
1993:												
1st quarter	38,714	87.75	38,899	128.48	32,628	75.92	36,895	130.26	6,086	151.17	2,004	95.31
2d quarter	52,865	108.54	32,675	122.18	42,987	96.81	31,145	118.89	9,879	160.45	1,830	181.20
3d quarter	48,835	117.01	52,783	112.82	36,077	96.24	49,817	112.77	10,758	186.65	2,966	113.62
4th quarter	40,215	109.96	53,122	115.77	29,048	90.82	50,043	112.18	11,167	159.76	3,079	174.08
1993 total	178,630	106.57	177,779	118.86	140,740	90.52	167,899	117.76	37,890	166.19	9,880	137.55
TO JAPAN												
1982	82,295	23.08	12,700	33.15	1,487	18.83	37	135.14	80,808	23.15	12,663	32.85
1983	105,068	21.58	2,640	68.18	5,311	11.11	2,498	70.86	99,757	22.13	142	21.13
1984	110,954	18.85	1,579	98.18	0	-	1,579	98.16	110,954	18.85	0	-
1985	56,238	28.47	3,242	41.02	268	59.70	949	99.05	55,970	28.34	2,293	17.01
1986	84,390	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	68.44
1988	38,585	107.58	81,628	96.87	21,626	77.21	63,065	77.21	16,959	121.29	18,563	55.85
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	204.38	15,057	78.10
1993:												
1st quarter	34,754	85.40	21,727	119.53	28,668	71.44	20,058	121.80	6,086	151.17	1,669	92.27
2d quarter	44,503	99.64	17,658	106.24	35,002	87.71	16,819	101.13	9,501	143.56	838	208.83
3d quarter	42,259	117.11	19,763	96.29	32,271	94.30	19,226	95.70	9,988	190.93	536	117.54
4th quarter	37,068	110.01	21,655	97.85	25,901	88.57	20,511	93.17	11,167	159.76	1,144	181.82
1993 total	158,584	103.80	80,803	105.14	121,842	85.81	76,615	103.06	36,742	162.62	4,188	143.27
TO WESTERN EUROPE												
1982	14	71.43	34	117.65	14	71.43	8	125.00	0	-	26	115.38
1983	38,570	40.81	0	-	7,567	36.08	0	-	31,003	41.93	0	-
1984	30,122	44.05	5,138	23.55	2,790	44.09	0	-	27,332	44.01	5,138	23.55
1985	13,093	42.16	432	87.96	682	21.99	432	87.96	12,411	43.11	0	-
1986	22,313	37.87	1,953	73.73	3,287	34.07	1,953	73.73	19,026	38.47	0	-
1987	10,018	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	118.19	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	221.78	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:												
1st quarter	115	278.26	40	100.00	115	278.26	0	-	0	-	40	100.00
2d quarter	0	-	0	-	0	-	0	-	0	-	0	-
3d quarter	0	-	0	-	0	-	0	-	0	-	0	-
4th quarter	0	-	202	277.23	0	-	202	277.23	0	-	0	-
1993 total	115	278.26	242	247.93	115	278.26	202	277.23	0	-	40	100.00

NA = not available.

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 73—Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1988-93

(In thousand board feet, Scribner scale)

Agency	1988	1989	1990	1991	1992		1993					Total
					Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Montana:												
USDA Forest Service ^a	428,062	408,764	304,366	344,196	331,288	35,383	15,451	59,775	78,722	55,165	209,113	
U.S. Bureau of Land Manage. ^b	6,086	5,843	6,675	6,474	9,661	1,643	104	473	3,454	296	4,327	
U.S. Bureau of Indian Affairs	50,383	70,112	65,976	44,296	45,126	8,462	3,590	1,264	4,131	4,748	13,733	
State of Montana	42,035	43,949	31,427	26,722	26,644	6,658	7,608	3,206	2,177	6,831	19,822	
Total	526,566	528,668	408,443	421,688	412,718	52,146	26,753	64,719	88,483	67,039	246,994	
Idaho:												
USDA Forest Service ^a	745,226	798,642	709,121	579,349	423,701	93,571	123,464	111,423	131,032	46,989	412,907	
U.S. Bureau of Land Manage. ^b	8,058	16,407	8,877	24,224	8,145	3,604	73	364	581	104	1,122	
U.S. Bureau of Indian Affairs	2,718	7,310	1,205	558	1,645	1,645	0	0	0	2,781	2,781	
State of Idaho	R212,150	R190,410	R189,293	R181,364	R247,521	R4,341	R68,676	R82,389	23,485	26,047	200,597	
Total	R968,152	R1,012,769	R908,496	R785,495	R681,012	R103,161	R192,213	R194,175	155,098	75,921	617,407	
All public lands:												
USDA Forest Service ^a	1,173,288	1,207,406	1,013,486	923,544	754,989	128,954	138,914	171,198	209,754	102,154	622,020	
U.S. Bureau of Land Manage. ^b	14,144	22,250	15,552	30,698	17,806	5,247	177	837	4,035	400	5,449	
U.S. Bureau of Indian Affairs	53,101	77,422	67,181	44,854	46,771	10,107	3,590	1,264	4,131	7,529	16,514	
State of Montana	42,035	43,949	31,427	26,722	26,644	6,658	7,608	3,206	2,177	6,831	19,822	
State of Idaho	R212,150	R190,410	R189,293	R181,364	R247,521	R4,341	R68,676	R82,389	23,485	26,047	200,597	
Total	R1,494,718	R1,541,437	R1,316,939	R1,207,182	R1,093,730	R155,307	R218,965	R258,894	243,581	142,961	864,401	

R = revised.

^a Convertible products only.

^b Does not include cull log sales.

Source: Respective agencies listed.

Table 74—Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1988-93

(In dollars per thousand board feet)

Agency	1988	1989	1990	1991	1992		1993				
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
Montana:											
USDA Forest Service ^a	47.40	97.37	119.43	105.01	152.94	145.31	309.86	327.78	186.42	244.85	251.36
U.S. Bureau of Land Manage. ^b	55.75	86.44	114.50	62.72	163.91	106.37	26.78	101.53	255.17	128.55	224.22
U.S. Bureau of Indian Affairs	61.33	90.59	57.44	112.22	187.89	294.17	197.91	104.56	119.36	116.01	137.38
State of Montana	79.45	154.53	148.39	189.63	181.48	185.80	213.14	152.38	231.94	340.55	249.28
Average	51.39	101.10	111.56	110.48	158.86	173.41	266.23	313.08	187.10	244.96	244.38
Idaho:											
USDA Forest Service ^a	56.54	82.89	92.29	98.88	141.74	201.79	323.58	349.91	258.53	294.41	306.72
U.S. Bureau of Land Manage. ^b	78.10	60.38	87.96	50.21	93.37	44.74	167.30	167.78	89.84	339.57	143.32
U.S. Bureau of Indian Affairs	31.71	76.29	150.63	147.07	145.54	145.54	—	—	—	280.41	280.41
State of Idaho	R115.40	R154.56	R183.70	R173.59	R283.99	R240.94	R415.77	R459.48	432.84	506.42	447.49
Average	R69.55	R95.96	R111.36	R114.67	R192.86	R197.06	R356.46	R396.06	284.29	366.70	352.04
All public lands:											
USDA Forest Service ^a	53.21	87.80	100.44	101.17	146.65	186.29	322.05	342.19	231.46	267.65	288.11
U.S. Bureau of Land Manage. ^b	68.48	67.22	99.35	52.85	131.64	64.04	84.73	130.35	231.36	183.41	207.56
U.S. Bureau of Indian Affairs	59.82	89.24	59.11	112.65	186.40	269.98	197.91	104.56	119.36	176.74	161.46
State of Montana	79.45	154.53	148.39	189.63	181.48	185.80	213.14	152.38	231.94	340.55	249.28
State of Idaho	R115.40	R154.56	R183.70	R173.59	R283.99	R240.94	R415.77	R459.48	432.84	506.24	447.49
Average	R63.15	R97.72	R111.43	R113.21	R180.04	R189.11	R345.44	R375.32	248.98	309.61	321.28

R = revised.

^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 Does not include cull log prices.

Source: Respective agencies listed.

Table 75—Volume of sawtimber sold on National Forests by selected species, Northern Region, 1990-93

(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:										
1st quarter	17,398	235	504	31,302	546	29	694	3,227	1,544	58,377
2d quarter	26,352	3,464	2,858	24,422	11,578	3,778	2,300	11,520	13,780	112,400
3d quarter	24,659	4,112	1,311	54,170	7,902	22,212	2,038	8,911	13,516	150,467
4th quarter	19,005	4,003	3,651	12,029	2,352	2,011	2,153	5,317	11,948	65,699
1992 total	87,414	11,814	8,323	121,923	22,377	28,029	7,185	28,975	40,788	386,942
1993:										
1st quarter	19,075	1,461	1,496	8,108	1,742	1,681	3,429	6,898	29,161	76,863
2d quarter	5,816	95	748	19,608	3,719	732	1,057	3,283	5,278	53,794
3d quarter	24,289	12,209	2,772	29,243	1,961	1,801	3,017	6,169	10,007	101,197
4th quarter	12,461	3,722	320	18,404	7,075	360	1,740	4,676	3,485	58,225
1993 total	61,641	17,486	5,336	75,364	14,497	4,574	9,243	21,025	47,930	290,080

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

Table 76—Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1982-93^a

(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
1982	26.60	48.10	81.40	34.60	27.20	71.10	60.90	28.30	37.70	36.20
1983	42.50	60.50	96.30	34.10	55.20	47.50	142.80	51.00	65.10	53.70
1984	46.90	66.50	104.90	37.30	39.00	44.50	106.70	49.50	45.00	49.20
1985	34.10	58.70	108.30	28.40	37.70	35.70	91.50	35.00	32.70	37.80
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:										
1st quarter	246.93	152.13	208.13	199.18	158.95	224.48	103.13	193.44	191.90	215.24
2d quarter	236.95	172.19	242.98	246.87	167.80	224.86	126.95	161.47	206.77	198.73
3d quarter	161.35	280.48	226.90	235.42	230.76	196.85	274.85	246.50	194.34	213.26
4th quarter	271.45	97.03	289.15	206.73	215.48	248.06	340.66	297.43	234.15	234.03
1992 average	225.11	184.02	258.59	225.58	194.83	204.33	230.65	216.13	210.11	212.87
1993:										
1st quarter	424.77	558.39	616.77	344.49	246.96	410.18	651.78	465.26	301.73	380.95
2d quarter	446.00	299.37	384.66	446.15	419.27	403.20	509.37	493.53	409.56	422.49
3d quarter	293.18	398.85	394.32	386.21	374.49	414.99	573.32	415.39	378.35	355.41
4th quarter	302.87	270.92	335.74	354.59	439.45	309.85	174.53	522.58	279.94	339.21
1993 average	350.28	384.41	451.82	389.59	402.36	403.06	520.03	467.79	328.04	371.37

^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 land are high bid value. Road costs and an allowance for sale-area betterment are included in the bid.

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

Table 77--Volume and average value of timber harvested on the National Forests of the Northern Region, 1993

(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.	1.5	31.06	2.1	213.81	8.0	146.58	0.1	21.75	2.0	86.99
2d qtr.	.4	39.24	4.8	41.44	5.8	184.94	.4	59.39	.6	51.85
3d qtr.	3.8	19.78	2.6	54.91	48.3	116.65	.9	10.05	2.3	63.75
4th qtr.	2.8	16.96	1.6	107.68	27.4	169.48	.7	61.92	1.3	153.74
Total	8.5	21.83	11.0	86.32	89.6	139.92	2.0	36.37	6.2	89.01
	Flathead		Gallatin		Helena		Kootenai		Lewis and Clark	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	13.5	159.83	3.2	39.42	1.3	53.65	30.4	207.17	1.6	73.32
2d qtr.	3.8	63.40	1.3	66.30	.3	35.58	15.1	159.09	.4	14.12
3d qtr.	14.7	114.02	4.7	41.30	1.9	15.55	51.4	188.11	1.8	19.43
4th qtr.	4.3	107.90	2.8	87.56	2.0	202.33	39.8	242.86	3.8	71.25
Total	36.2	125.07	12.0	54.27	5.5	93.22	136.6	205.08	7.5	56.61
	Lolo		Nezperce		Panhandle ^a		Northern Idaho		Montana	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	6.9	148.89	14.7	109.71	17.9	191.53	39.9	156.06	62.5	167.18
2d qtr.	13.0	205.43	6.5	98.51	26.1	162.03	37.4	157.16	40.0	142.07
3d qtr.	31.4	183.74	21.2	51.75	53.9	150.40	122.1	120.87	115.5	153.64
4th qtr.	21.5	210.83	31.3	133.85	47.6	163.47	105.9	156.15	80.4	199.37
Total	72.8	192.30	73.6	102.30	145.6	161.83	304.6	142.12	298.3	167.24
	Northeastern Washington		All Forests							
	Volume	Average value	Volume	Average value						
1st qtr.	1.3	66.96	103.1	161.63						
2d qtr.	1.0	68.10	78.3	148.30						
3d qtr.	1.3	60.54	238.9	136.36						
4th qtr.	.5	192.13	186.7	174.81						
Total	4.1	79.57	607.1	154.02						

^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 78—Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-93

(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:							
1st quarter	5,132	2,128	3,795	1,398	0	4,286	19,087
2d quarter	23,059	8,563	4,457	10,249	0	8,275	62,493
3d quarter	74,564	17,848	11,617	4,122	0	8,930	119,288
4th quarter	15,062	2,294	20,576	799	313	3,189	43,855
1992 total	117,817	30,832	40,445	16,568	313	24,680	244,723
1993:							
1st quarter	11,122	4,506	18,000	6,353	0	18,672	62,921
2d quarter	26,331	535	42,032	6,060	0	12,761	89,749
3d quarter	25,637	17,805	8,659	2,622	0	6,142	69,280
4th quarter	5,279	683	8,992	14,367	0	5,002	39,219
1993 total	68,368	23,529	77,684	29,402	0	42,577	261,169

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

Table 79—Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-93^a

(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:							
1st quarter	152.25	91.05	363.85	85.17	—	69.04	146.31
2d quarter	175.56	149.00	507.10	198.71	—	135.30	175.16
3d quarter	120.12	147.44	332.40	112.01	—	151.79	146.59
4th quarter	167.48	76.04	339.97	131.48	220.06	145.16	236.60
1992 average	138.42	138.67	358.45	164.31	220.06	131.04	170.00
1993:							
1st quarter	220.47	141.05	604.28	92.72	—	183.58	286.85
2d quarter	232.05	217.51	523.67	198.41	—	313.26	374.36
3d quarter	248.52	210.33	797.92	196.44	—	235.71	286.65
4th quarter	320.19	220.27	811.02	233.68	—	165.95	341.21
1993 average	243.15	197.51	606.18	192.63	—	227.90	325.04

^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 80--Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1993

(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.	0.6	73.44	17.3	211.44	.9	-35.78	.9	56.28	3.6	67.84
2d qtr.	0.0	—	51.5	304.26	.1	13.48	0.0	—	1.5	71.58
3d qtr.	7.9	32.75	62.4	233.21	5.4	37.83	4.3	97.24	4.6	77.13
4th qtr.	6.6	47.40	50.9	233.38	8.0	33.30	4.8	31.20	.9	56.64
Total	15.1	40.84	182.1	251.29	14.4	30.74	9.9	61.17	10.5	71.46
	Dixie		Fishlake		Humboldt		Manti-Lasal		Payette	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	.9	57.93	.7	24.38	.4	11.25	.2	96.79	2.6	112.73
2d qtr.	1.9	108.68	.1	14.02	0.0	—	.1	68.28	5.9	264.80
3d qtr.	5.5	96.05	3.2	84.90	0.0	—	1.6	24.19	15.9	143.71
4th qtr.	8.9	166.20	1.2	29.23	.1	10.68	1.4	36.34	17.5	181.10
Total	17.3	131.51	5.2	63.24	.4	11.18	3.2	33.11	41.9	174.49
	Salmon		Sawtooth		Targhee		Toiyabe ^a		Wasatch	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	4.6	167.95	0	—	.7	-55.37	.3	23.77	.9	5.91
2d qtr.	.8	232.31	0	—	.1	29.76	.6	40.60	0.0	—
3d qtr.	3.2	112.22	6.1	40.29	4.2	37.79	.5	14.38	6.3	49.09
4th qtr.	3.8	111.50	5.6	40.36	8.5	24.84	2.1	180.90	3.0	70.55
Total	12.5	140.73	11.7	40.31	13.5	25.09	3.5	117.69	10.2	50.96
	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.	29.7	167.93	.6	13.68	2.9	47.30	1.2	-23.16	34.5	147.64
2d qtr.	60.0	292.72	.2	14.55	2.2	102.04	.1	-112.93	62.8	283.27
3d qtr.	100.6	182.52	.3	10.94	26.4	58.55	5.9	38.71	133.6	150.93
4th qtr.	91.3	176.11	1.3	243.13	22.9	94.85	8.7	33.33	125.0	151.31
Total	281.6	202.38	2.5	134.87	54.4	74.94	15.9	30.28	355.9	174.10

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

^b Includes a very small volume from the Uinta National Forest.

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

Table 81—Volume of timber sold on publicly owned or managed lands in California, 1988-93

(In thousand board feet, Scribner scale)

Agency	1988	1989	1990	1991	1992		1993				
					Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service ^a	2,027,116	1,440,482	1,585,813	729,711	1,238,351	816,653	39,377	131,826	235,996	244,083	651,282
U.S. Bureau of Land Manage. ^b	12,167	11,907	10,129	10,981	10,420	3,285	2,062	3,100	2,295	419	7,876
U.S. Bureau of Indian Affairs ^c	0	7,185	48,871	R23,900	31,985	NA	NA	NA	NA	NA	12,867
State of California	34,129	36,158	33,187	36,318	23,470	10,454	4,200	1,000	7,000	0	12,200
Total	2,073,412	1,495,732	1,678,000	R800,910	1,304,226	NA	NA	NA	NA	NA	684,225

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.

Source: Respective agencies listed.

Table 82--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1988-93

(In dollars per thousand board feet)

Agency	1988	1989	1990	1991	1992		1993				
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
USDA Forest Service ^{a b}	118.20	154.12	142.62	152.10	126.43	85.08	156.10	158.53	234.78	275.18	229.73
U.S. Bureau of Land Manage. ^c	158.09	121.12	122.25	168.47	242.21	216.65	334.01	275.27	243.38	235.45	279.24
U.S. Bureau of Indian Affairs	—	323.14	268.53	R277.22	217.11	NA	NA	NA	NA	NA	331.19
State of California	145.16	223.02	269.24	332.77	463.92	484.10	636.67	609.00	628.50	—	629.71
Average	118.88	156.34	148.67	R164.25	135.65	NA	NA	NA	NA	NA	239.34

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 83—Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-93

(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:							
1st quarter	4,142	15,563	5,936	131	1,199	25,484	52,924
2d quarter	12,066	25,175	8,374	66	2,398	30,815	79,168
3d quarter	9,399	41,888	9,312	1,210	2,854	97,886	167,784
4th quarter	8,983	157,423	17,661	4,867	9,578	156,631	375,964
1992 total	34,591	240,049	41,283	6,274	16,030	310,815	675,839
1993:							
1st quarter	8,017	26,461	3,785	403	1,211	19,138	66,079
2d quarter	3,740	17,350	7,115	8	3,640	31,908	64,190
3d quarter	24,197	44,953	11,770	323	6,879	69,495	159,652
4th quarter	5,006	38,770	9,628	1,734	3,989	117,287	183,263
1993 total	40,961	127,534	32,299	2,468	15,718	237,828	473,184

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

Table 84—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1982-93^a

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Ponderosa and Jeffrey pines	Sugar pine	Lodgepole pine	Cedars	True firs	All species
1982	50.00	66.90	72.00	27.80	70.30	36.30	54.50
1983	63.30	104.00	136.70	28.80	84.60	53.80	76.90
1984	61.30	122.70	84.30	17.00	76.70	48.30	75.20
1985	63.00	101.40	109.70	17.90	112.90	33.60	69.80
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	218.91	217.62	285.13	84.12	231.48	85.02	166.25
1991	186.62	237.62	241.25	80.05	184.64	83.08	156.70
1992:							
1st quarter	445.88	232.32	376.29	280.39	279.93	178.75	238.58
2d quarter	292.99	600.52	573.70	21.76	542.32	251.96	410.85
3d quarter	286.67	374.99	368.36	201.06	329.26	185.14	245.55
4th quarter	333.82	226.93	556.50	59.20	357.67	115.51	191.05
1992 average	320.19	292.30	491.64	90.80	374.41	156.15	234.05
1993:							
1st quarter	363.81	610.03	495.41	219.98	187.93	249.51	406.49
2d quarter	552.16	454.83	377.81	83.85	321.88	254.80	342.05
3d quarter	337.59	495.95	597.40	253.26	182.07	256.02	354.67
4th quarter	565.48	565.52	802.37	134.34	301.64	291.34	373.02
1993 average	390.17	535.17	598.17	163.70	245.24	272.75	367.30

^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 85--Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1993

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

Quarter	Angeles		Cleveland		Eldorado		Inyo		Klamath ^a	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	.1	65.85	.1	14.01	3.5	88.29	.4	31.80	3.5	112.49
2d qtr.	.1	54.23	.1	11.98	11.7	345.76	4.7	198.86	5.2	64.95
3d qtr.	.1	57.61	.1	36.82	49.3	256.04	2.2	35.06	7.7	94.43
4th qtr.	0	--	0	--	62.4	279.49	.9	4.03	11.0	124.65
Total	.2	57.22	.2	22.25	127.0	271.13	8.1	125.62	27.4	103.28
	Lassen		Los Padres		Mendocino		Modoc		Plumas	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	7.6	118.22	0	--	1.0	106.11	4.5	514.53	3.4	53.64
2d qtr.	19.9	283.46	.1	25.68	1.1	378.42	8.2	362.75	8.7	188.23
3d qtr.	33.3	154.04	0	--	2.5	200.81	14.7	151.53	41.7	165.24
4th qtr.	49.2	154.23	0	--	2.4	221.85	6.9	251.94	31.4	157.89
Total	110.0	175.07	.1	23.53	6.9	221.83	34.3	270.1	85.2	160.47
	San Bernardino		Sequoia		Shasta		Sierra		Six Rivers	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.7	34.46	1.9	20.66	.3	24.48	1.5	101.16	3.4	320.72
2d qtr.	.5	34.74	8.2	318.46	7.6	177.64	5.8	289.15	9.8	211.14
3d qtr.	.6	44.13	19.0	231.80	12.5	160.65	33.5	280.78	21.8	239.57
4th qtr.	.4	42.33	8.5	301.39	8.1	140.35	15.9	246.05	16.9	300.86
Total	4.2	36.63	37.6	255.79	28.4	157.89	56.7	267.04	51.8	259.45
	Stanislaus		Tahoe		Trinity		LTBMU ^b		All Forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	2.8	104.07	.9	50.39	.6	-98	1.0	9.44	39.2	152.24
2d qtr.	28.2	159.67	1.5	184.02	8.8	442.68	.5	53.55	130.5	248.20
3d qtr.	46.2	161.59	23.1	220.54	12.0	423.14	1.2	30.87	321.4	208.19
4th qtr.	16.5	219.39	12.8	182.74	3.9	382.62	.6	62.46	247.8	217.28
Total	93.6	169.49	38.3	202.54	25.4	413.68	3.3	33.46	738.9	215.34

^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 86—Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1991-93

(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
1991:						
January	88	105.24	a	195.00	88	105.26
February	11	73.45	a	73.89	11	73.47
March	112	112.98	5	309.17	117	121.72
April	32	135.50	1	150.21	33	135.77
May	25	187.46	3	144.13	28	182.50
June	22	124.63	1	310.88	23	130.04
July	21	171.26	12	305.76	33	220.09
August	49	181.32	14	317.59	63	211.16
September	232	222.96	141	313.83	373	257.31
October	8	107.16	7	452.87	15	273.32
November	14	193.20	8	139.72	22	172.96
December	36	171.49	2	325.19	38	178.74
Total	650	166.82	194	307.60	844	199.18
1992:						
January	24	271.94	9	473.86	33	325.63
February	31	161.43	10	479.03	41	242.55
March	16	386.49	3	458.48	19	397.14
April	6	169.32	6	319.11	12	242.99
May	30	190.28	3	143.15	33	186.71
June	29	399.68	9	283.89	38	373.42
July	18	343.87	5	146.36	23	301.09
August	25	329.30	4	370.67	29	334.43
September	94	251.35	32	352.89	126	277.11
October	41	156.11	5	249.10	46	167.15
November	39	165.42	3	83.93	42	159.55
December	115	370.55	6	455.60	121	374.82
Total	469	277.03	94	349.41	563	289.15
1993:						
January	76	433.29	5	573.84	81	442.75
February	37	462.16	0	—	37	462.16
March	58	455.76	5	570.63	63	464.37
April	12	294.12	2	652.20	14	351.24
May	1	113.71	11	593.77	12	560.41
June	4	21.20	12	325.33	16	243.15
July	4	378.08	8	691.64	12	591.52
August	1	177.58	11	580.27	12	536.07
September	11	204.11	R30	R382.95	R41	R332.47
October	15	104.88	7	311.27	22	168.69
November	13	112.50	15	427.40	28	280.13
December	16	107.07	10	376.40	26	211.75
Total	249	357.21	116	458.38	365	389.38

R = revised.

^a Less than 1 million board feet.

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

Table 87—Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1989-93

(In thousand board feet, Scribner scale)

Agency	1989	1990	1991	1992		1993					Total
				Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.		
Western Washington:											
USDA Forest Service ^a	313,920	913,998	91,442	71,422	38,437	1,120	6,356	11,378	8,442	27,296	
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0	0	0	0	
U.S. Bur. Indian Aff.	22,502	45,750	83,584	30,446	12,529	20,262	3,498	3,543	452	27,755	
State of Washington ^b	739,610	697,784	387,025	328,970	73,192	136,642	133,265	50,997	102,497	423,401	
Total	1,076,032	1,657,532	562,051	430,838	124,158	158,024	143,119	65,918	111,391	478,452	
Eastern Washington:											
USDA Forest Service ^a	312,430	437,407	130,184	83,041	18,652	6,567	36,130	10,583	11,410	64,690	
U.S. Bur. Land Mgmt.	0	0	5,860	3,274	0	0	20	0	0	20	
U.S. Bur. Indian Aff.	134,008	132,307	130,154	107,079	8,871	27,026	9,640	18,010	0	54,676	
State of Washington ^b	100,590	61,200	67,255	48,131	1,930	21,759	18,025	8,870	12,164	60,818	
Total	547,028	630,914	333,453	241,525	29,453	55,352	63,815	37,463	23,574	180,204	
Western Oregon:											
USDA Forest Service ^a	828,416	2,457,087	205,207	190,053	46,841	15,939	14,751	77,295	46,100	154,085	
U.S. Bur. Land Mgmt.	703,509	1,082,971	520,921	28,434	3,309	3,309	9,182	19,493	1,555	33,539	
U.S. Bur. Indian Aff.	5,700	6,760	18,700	2,751	0	0	164	0	0	164	
State of Oregon	199,194	89,139	177,324	113,717	32,024	12,130	8,852	3,946	9,765	34,693	
Total	1,736,819	3,635,957	922,152	334,955	82,174	31,378	32,949	100,734	57,420	222,481	
Eastern Oregon:											
USDA Forest Service ^a	973,451	1,061,917	637,069	422,395	152,132	229,620	63,950	57,447	40,976	391,993	
U.S. Bur. Land Mgmt.	15,812	42,695	4,630	19,510	195	195	0	1,801	71	2,067	
U.S. Bur. Indian Aff.	92,380	70,543	55,360	0	0	5,530	29,260	0	0	34,790	
State of Oregon	2,536	3,270	3,150	2,577	428	0	0	1,622	2,861	4,483	
Total	1,084,189	1,178,425	700,209	444,482	152,755	235,345	93,210	60,870	43,908	433,333	
All public lands:											
USDA Forest Service ^a	2,428,217	4,870,409	1,063,902	766,911	256,062	253,246	121,186	156,703	106,928	638,063	
U.S. Bur. Land Mgmt.	719,321	1,125,665	531,411	51,218	3,504	3,504	9,202	21,294	1,626	35,626	
U.S. Bur. Indian Aff.	254,590	255,360	287,798	140,276	21,400	52,818	42,562	21,553	452	117,385	
State of Washington ^b	840,200	758,984	454,280	377,101	75,122	158,401	151,290	59,867	114,661	484,219	
State of Oregon	201,730	92,409	180,474	116,294	32,452	12,130	8,852	5,568	12,626	39,176	
Total	4,444,058	7,102,827	2,517,864	1,451,800	388,540	480,099	333,092	264,985	236,293	1,314,470	

^a Convertible products only.

^b Excludes sales under \$20,000.

Source: Respective agencies listed.

Table 88—Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1989-93

(In dollars per thousand board feet)

Agency	1989	1990	1991	1992		1993				
				Total	4th qtr.	1st	2d qtr.	3d qtr.	4th qtr.	Total
Western Washington:										
USDA Forest Service ^a	238.55	254.48	171.26	158.06	122.30	112.93	317.50	383.49	186.66	296.15
U.S. Bur. Land Mgmt.	—	—	—	—	—	—	—	—	—	—
U.S. Bur. Indian Aff.	175.31	197.11	178.50	226.77	253.53	278.09	267.83	452.71	234.79	298.38
State of Washington ^b	341.53	338.56	303.02	358.25	481.28	700.43	570.39	435.84	595.13	602.14
Average	308.01	288.29	263.06	315.77	347.16	642.11	551.76	427.71	562.71	567.06
Eastern Washington:										
USDA Forest Service ^a	100.23	100.87	65.08	129.23	110.75	121.58	127.72	66.20	109.18	113.76
U.S. Bur. Land Mgmt.	—	—	182.48	229.22	—	—	197.50	—	—	197.50
U.S. Bur. Indian Aff.	256.42	258.47	219.37	313.95	262.77	391.18	362.57	315.65	—	361.26
State of Washington ^b	224.82	247.46	192.61	383.43	352.41	478.17	465.40	577.48	481.94	489.62
Average	161.40	148.14	153.09	263.14	172.37	393.39	258.60	307.17	301.52	315.71
Western Oregon:										
USDA Forest Service ^a	278.36	369.31	253.12	329.79	308.81	424.44	421.07	150.75	347.96	263.94
U.S. Bur. Land Mgmt.	295.35	306.30	312.04	177.32	208.50	208.50	362.39	508.80	346.25	431.56
U.S. Bur. Indian Aff.	307.13	405.32	358.87	527.00	—	—	366.77	—	—	366.77
State of Oregon	340.55	365.75	316.43	506.63	636.51	747.83	897.98	700.53	717.25	772.15
Average	292.47	350.52	300.73	378.50	432.48	526.69	532.58	241.57	410.72	368.54
Eastern Oregon:										
USDA Forest Service ^a	181.05	161.81	155.98	186.59	149.94	390.13	365.91	63.60	63.18	304.15
U.S. Bur. Land Mgmt.	134.65	68.14	236.82	97.74	141.05	141.05	—	1,092.74	224.24	973.13
U.S. Bur. Indian Aff.	139.94	197.49	160.20	—	—	226.70	335.44	—	—	318.15
State of Oregon	75.71	269.71	198.78	387.53	9.35	—	—	240.29	459.30	380.07
Average	176.63	160.85	157.04	183.85	149.54	386.08	356.35	98.76	89.25	309.25
All public lands:										
USDA Forest Service ^a	211.29	278.41	164.91	213.21	172.00	384.10	299.07	129.99	200.62	274.79
U.S. Bur. Land Mgmt.	291.82	297.27	309.96	150.33	204.74	204.74	362.03	558.19	340.92	462.85
U.S. Bur. Indian Aff.	208.12	234.52	205.18	299.21	257.36	330.58	336.15	338.18	234.79	333.62
State of Washington ^b	327.56	331.21	286.67	361.47	477.97	669.90	557.88	456.83	583.12	588.01
State of Oregon	337.22	362.35	314.38	503.99	628.25	747.83	897.98	566.45	658.79	727.28
Average	251.84	286.56	232.81	281.10	274.26	480.39	439.02	264.35	411.74	414.01

^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 89—Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1982-93

(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 ^a	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1982	1,837,759	260,715	667,280	30,926	11,902	130,687	17,560	13,430	673,672	123,396	26,674	72,532	420,896	4,303,374
1983	1,773,547	295,243	662,176	22,116	11,005	129,753	15,462	7,025	564,168	116,264	30,969	41,842	516,251	4,201,457
1984	1,740,340	276,669	646,407	25,137	11,670	144,280	12,365	8,389	536,458	95,038	18,682	64,631	439,763	4,054,833
1985	1,491,475	236,592	587,990	30,312	11,366	109,264	19,164	11,981	413,541	75,697	33,608	106,656	367,335	3,531,908
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:														
1st quarter	40,933	18,516	22,824	329	434	10,981	72	3	11,997	610	454	1,611	7,115	116,289
2d quarter	24,879	11,737	30,588	0	89	8,705	51	7	6,298	1,773	4,290	1,264	20,935	114,378
3d quarter	19,445	17,448	31,556	0	139	5,607	904	210	11,709	835	3,265	3,903	11,770	108,939
4th quarter	46,102	22,497	28,220	999	33	48,271	573	31	9,223	4,259	1,443	409	29,953	195,361
1992 total	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:														
1st quarter	7,110	16,789	118,063	2,453	5	15,177	4,177	2	805	469	1,053	311	17,887	185,015
2d quarter	8,565	19,715	21,917	143	4	598	65	0	2,471	2,028	348	110	17,647	74,707
3d quarter	68,993	4,163	5,294	189	130	1,140	108	51	1,697	670	427	283	8,284	93,704
4th quarter	29,317	3,308	5,143	101	39	3,168	5	8	2,299	428	522	303	3,206	59,273
1993 total	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

^a Includes Port-Orford-cedar.

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

Table 90--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1982-93^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												
1982	118.20	5.80	78.60	83.60	50.00	17.40	19.50	49.50	44.60	101.90	37.50	28.40	40.00	80.20
1983	161.60	37.60	134.30	131.80	74.30	20.20	28.70	30.00	61.90	88.70	31.80	42.40	58.30	112.50
1984	132.90	43.00	143.70	201.80	93.20	21.20	21.00	52.10	61.20	186.60	42.50	92.60	43.50	94.60
1985	126.20	32.20	166.00	192.60	109.30	14.20	18.40	77.70	50.00	123.70	50.60	57.60	41.20	101.40
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	51.92	98.28	161.86	259.18	80.74	134.21	89.94	206.40
1989	389.80	161.60	323.44	292.91	272.66	68.90	105.94	87.51	222.47	158.06	132.73	203.00	149.42	268.37
1990	466.35	149.07	297.78	341.35	262.42	59.39	96.80	138.53	203.04	266.30	141.66	407.83	161.08	330.00
1991	394.95	110.03	322.50	335.70	187.53	92.40	141.31	219.92	164.10	284.94	94.24	279.49	142.37	224.61
1992:														
1st quarter	564.42	162.32	341.81	231.12	235.37	154.47	61.38	135.40	86.40	198.66	69.70	268.00	135.45	330.55
2d quarter	531.23	213.45	542.19	—	98.27	97.47	37.84	66.30	100.65	339.59	368.25	110.46	215.19	357.94
3d quarter	535.64	217.68	578.89	—	288.40	111.19	148.31	169.51	251.19	172.21	132.60	179.19	211.52	371.39
4th quarter	345.98	159.67	445.51	527.49	467.85	92.47	156.93	250.00	200.38	219.65	279.36	290.43	161.56	233.06
1992 average	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:														
1st quarter	547.06	319.82	595.06	465.34	743.49	165.72	81.16	496.05	350.21	326.18	406.59	443.45	403.62	497.00
2d quarter	744.33	210.19	710.76	803.90	858.38	76.23	154.65	—	463.58	96.23	200.60	418.57	307.55	447.34
3d quarter	188.44	202.53	405.05	1,058.29	534.01	158.52	65.12	568.53	316.44	1,269.64	275.30	276.75	274.84	224.52
4th quarter	441.83	252.96	303.38	766.56	403.32	126.86	271.50	253.08	295.84	284.28	354.36	269.41	239.96	370.38
1993 average	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

^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-Orford-cedar.

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

Figure 6--Average stumpage price for sawtimber sold on
National Forests, Pacific Northwest Region

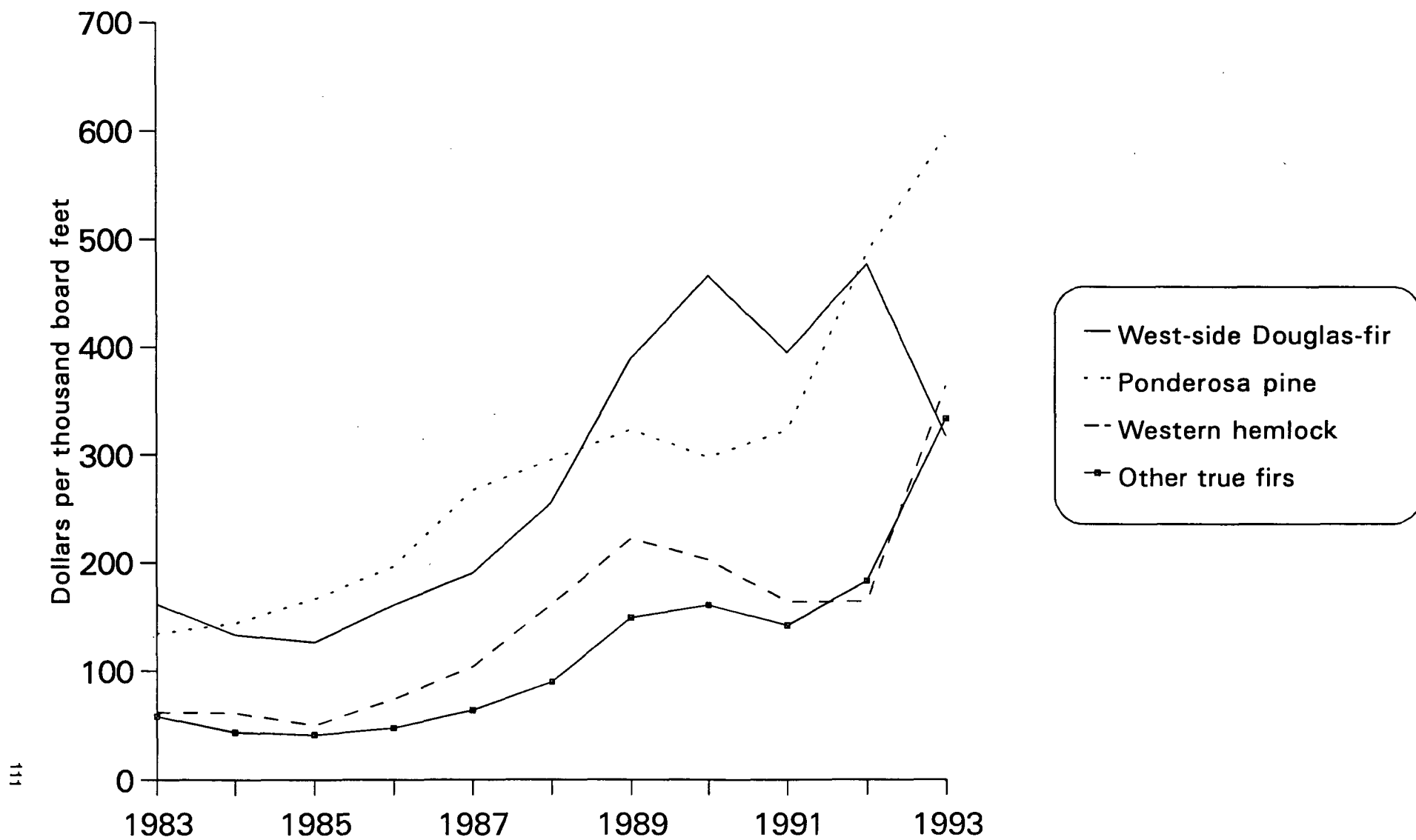


Table 91—Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1993

(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.	20.3	123.94	31.4	74.35	12.6	294.48	13.9	159.17	27.8	368.42
2d qtr.	6.2	112.69	61.9	88.40	18.2	381.72	39.3	341.65	13.0	318.87
3d qtr.	15.4	115.63	20.0	156.03	52.3	290.62	59.8	297.41	38.9	327.59
4th qtr.	16.8	128.10	34.5	128.20	39.2	290.12	36.7	304.46	55.4	322.18
Total	58.8	121.76	147.8	103.87	122.3	304.39	149.7	297.87	135.1	332.92
	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.	3.9	178.88	3.6	334.77	29.9	450.60	5.8	211.19	7.2	167.19
2d qtr.	1.5	201.01	12.7	431.41	4.2	242.55	5.7	201.00	3.3	201.01
3d qtr.	2.5	247.20	24.6	297.88	23.8	270.31	7.4	165.39	2.0	159.04
4th qtr.	11.8	156.17	18.8	408.27	23.7	295.24	8.8	216.29	1.7	72.36
Total	19.7	175.69	59.6	363.42	81.6	342.22	27.7	198.51	14.1	162.63
	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.	R8.4	R396.69	.4	65.15	17.0	431.27	14.2	37.96	13.3	400.07
2d qtr.	12.7	491.10	1.2	296.71	12.7	408.39	5.4	168.24	21.4	404.76
3d qtr.	R23.1	R335.53	5.5	503.57	9.7	372.48	13.5	65.81	51.8	367.05
4th qtr.	9.2	290.15	1.2	188.48	9.2	301.33	21.5	166.48	47.7	464.05
Total	53.4	374.40	8.4	406.86	48.6	388.92	84.6	119.69	134.2	410.82
	Wallowa-Whitman		Wenatchee		Willamette		Winema		Western Oregon	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	14.3	236.16	5.5	164.96	34.2	429.41	46.7	575.29	76.5	414.57
2d qtr.	6.5	194.29	7.3	104.79	56.7	405.80	53.0	563.40	116.0	415.89
3d qtr.	29.8	96.87	21.7	124.86	76.3	377.10	15.4	248.78	189.1	365.13
4th qtr.	35.7	99.78	13.6	73.03	47.6	376.28	21.5	197.07	133.1	400.85
Total	86.3	128.45	48.1	111.73	214.8	392.83	136.6	474.37	514.7	393.15
	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.	176.9	342.27	25.0	164.52	34.0	151.18	.4	494.59	312.8	325.16
2d qtr.	161.0	305.47	44.1	326.29	24.6	142.96	1.4	489.64	347.1	334.25
3d qtr.	224.9	221.16	64.3	291.23	58.1	113.79	1.8	98.94	538.2	268.12
4th qtr.	231.5	224.73	50.2	261.78	44.4	126.14	.7	119.52	459.9	270.04
Total	794.4	266.26	183.5	274.35	161.1	129.55	4.3	262.46	1,658.0	293.26

R = revised.

^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 92--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1993^{a 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	4,350	845.80	0	--	0	--	0	--	184	237.84	4,608	826.23
2d quarter	2,730	814.28	26	217.60	0	--	870	503.94	0	--	3,928	684.18
3d quarter	19,017	404.89	2,919	414.55	0	--	815	298.21	1,815	339.89	25,198	389.46
4th quarter	2,915	580.33	0	--	0	--	1,167	389.66	0	--	5,115	453.27
Total and average	29,012	497.16	2,945	412.81	0	--	2,852	398.39	1,999	330.49	38,849	455.74
Rogue River--												
1st quarter	35	743.49	0	--	0	--	0	--	0	--	410	308.61
2d quarter	1,593	934.05	0	--	0	--	0	--	852	543.68	2,890	724.27
3d quarter	2,095	817.46	0	--	200	335.88	0	--	1,120	492.37	4,625	557.91
4th quarter	405	846.57	0	--	0	--	0	--	230	429.28	1,815	288.04
Total and average	4,128	864.68	0	--	200	335.88	0	--	2,202	505.63	9,740	546.49
Siskiyou--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	59	715.25	0	--	0	--	0	--	0	--	59	715.25
3d quarter	2,800	1,104.67	0	--	0	--	10	1,143.19	0	--	3,430	1,238.02
4th quarter	1,420	483.44	0	--	0	--	0	--	0	--	1,570	474.73
Total and average	4,279	893.14	0	--	0	--	10	1,143.19	0	--	5,059	995.05
Siuslaw--												
1st quarter	790	496.05	0	--	0	--	0	--	0	--	790	496.05
2d quarter	348	568.53	0	--	0	--	0	--	0	--	992	354.00
3d quarter	1,327	315.17	0	--	0	--	96	75.59	0	--	3,185	281.60
4th quarter	3,001	485.68	0	--	0	--	779	191.76	0	--	4,329	404.06
Total and average	5,466	451.06	0	--	0	--	875	179.01	0	--	9,296	364.58
Umpqua--												
1st quarter	69	669.89	0	--	0	--	0	--	0	--	69	669.89
2d quarter	632	859.64	0	--	0	--	0	--	0	--	797	715.53
3d quarter	2,349	439.17	0	--	0	--	0	--	0	--	2,377	436.38
4th quarter	294	138.96	0	--	0	--	0	--	0	--	379	198.92
Total and average	3,344	497.00	0	--	0	--	0	--	0	--	3,622	477.40
Willamette--												
1st quarter	1,438	955.56	0	--	0	--	80	234.10	15	843.48	2,213	859.33
2d quarter	865	846.20	0	--	0	--	125	80.43	550	331.00	2,100	468.89
3d quarter	3,521	653.96	0	--	0	--	380	298.53	0	--	5,007	506.09
4th quarter	11,281	424.58	0	--	0	--	192	68.63	480	166.00	12,871	402.11
Total and average	17,115	537.68	0	--	0	--	777	200.00	1,045	262.57	22,191	457.54
All western Oregon:												
1st quarter	6,682	695.51	0	--	0	--	80	234.10	199	283.49	8,090	606.85
2d quarter	6,227	839.28	26	217.60	0	--	995	450.74	1,402	460.25	10,766	625.02
3d quarter	31,109	522.61	2,919	414.55	200	335.88	1,301	288.37	2,935	398.07	43,822	481.69
4th quarter	19,326	466.37	0	--	0	--	2,138	288.72	710	251.29	26,079	405.95
Total and average	63,344	554.82	2,945	412.81	200	335.88	4,514	323.36	5,248	390.48	88,757	488.23
Western Washington:												
Gifford Pinchot--												
1st quarter	880	702.59	0	--	0	--	725	386.31	0	--	2,090	438.87
2d quarter	5,500	477.34	0	--	0	--	0	--	555	300.00	6,655	423.44
3d quarter	1,510	871.74	0	--	0	--	0	--	0	--	1,510	871.74
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	7,890	577.95	0	--	0	--	725	386.31	555	300.00	10,255	492.60
Mount Baker-Snoqualmie--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--	0	--	0	--
4th quarter	5,287	266.13	0	--	0	--	862	136.76	0	--	6,260	263.26
Total and average	5,287	266.13	0	--	0	--	862	136.76	0	--	6,260	263.26
Olympic--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	4,610	315.49	0	--	0	--	2,390	304.01	0	--	7,500	295.61
3d quarter	0	--	0	--	0	--	0	--	0	--	0	--
4th quarter	400	874.14	0	--	0	--	2,200	146.70	0	--	3,200	284.00
Total and average	5,010	360.09	0	--	0	--	4,590	228.61	0	--	10,700	292.14

Table 92—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1993^{a,b} (continued)

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

National Forest	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs ^c		All species	
	West side		East side		Volume	Value	Volume	Value	Volume	Value	Volume	Value
	Volume	Value	Volume	Value								
All western Washington:												
1st quarter	880	702.58	0	--	0	--	725	386.31	0	--	2,090	438.87
2d quarter	10,110	403.54	0	--	0	--	2,390	304.01	555	300.00	14,155	355.71
3d quarter	1,510	871.74	0	--	0	--	0	--	0	--	1,510	871.74
4th quarter	5,687	308.89	0	--	0	--	3,062	143.90	0	--	9,460	270.28
Total and average	18,187	427.29	0	--	0	--	6,177	234.30	555	300.00	27,215	361.03
All western Oregon and western Washington:												
1st quarter	7,582	696.34	0	--	0	--	805	371.18	199	283.49	10,180	572.38
2d quarter	16,337	569.83	26	217.80	0	--	3,385	347.14	1,857	414.80	24,821	472.05
3d quarter	32,619	536.77	2,919	414.55	200	335.88	1,301	288.37	2,935	398.07	45,332	494.88
4th quarter	25,013	430.57	0	--	0	--	5,200	203.44	710	251.29	35,539	369.83
Total and average	81,531	528.37	2,945	412.81	200	335.88	10,691	271.91	5,801	381.82	115,972	458.38
Eastern Oregon:												
Deschutes--												
1st quarter	0	--	0	--	1,195	693.88	0	--	0	--	10,075	175.18
2d quarter	0	--	0	--	0	--	0	--	0	--	610	104.00
3d quarter	0	--	0	--	0	--	0	--	0	--	357	34.76
4th quarter	0	--	0	--	1,120	472.32	0	--	1,130	174.56	14,740	100.96
Total and average	0	--	0	--	2,315	586.69	0	--	1,130	174.56	25,782	129.12
Fremont--												
1st quarter	0	--	0	--	16,874	649.14	0	--	12,552	329.17	29,686	509.75
2d quarter	0	--	0	--	2,100	10.22	0	--	137	301.14	3,725	20.83
3d quarter	0	--	0	--	2,867	418.90	0	--	1,030	214.57	3,897	364.90
4th quarter	0	--	0	--	1,181	96.11	0	--	5,579	10.00	7,470	31.81
Total and average	0	--	0	--	23,022	533.82	0	--	19,298	230.59	44,758	376.84
Malheur--												
1st quarter	0	--	7,020	510.45	12,988	496.90	0	--	17,500	281.84	38,778	398.29
2d quarter	0	--	1,601	187.49	3,000	651.58	0	--	501	253.22	5,102	486.84
3d quarter	0	--	0	--	209	380.12	0	--	0	--	245	325.73
4th quarter	0	--	82	416.71	675	521.13	0	--	7,745	13.56	8,510	57.74
Total and average	0	--	8,703	450.16	16,882	523.91	0	--	25,746	200.65	52,635	349.53
Ochoco--												
1st quarter	0	--	12,200	442.47	1,600	880.07	0	--	1,100	473.20	14,900	499.67
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	80	155.33	90	454.80	0	--	0	--	150	335.00
4th quarter	0	--	0	--	407	170.60	0	--	0	--	407	170.60
Total and average	0	--	12,280	441.07	2,097	724.12	0	--	1,100	473.20	15,457	489.40
Umatilla--												
1st quarter	0	--	2,200	430.73	800	884.72	0	--	3,000	410.40	7,700	374.48
2d quarter	0	--	0	--	0	--	0	--	133	295.00	163	241.07
3d quarter	0	--	35	290.00	0	--	0	--	0	--	90	114.00
4th quarter	0	--	0	--	0	--	0	--	185	280.00	248	230.01
Total and average	0	--	2,235	428.53	800	884.72	0	--	3,318	398.50	8,201	384.80
Wallowa-Whitman--												
1st quarter	0	--	1,020	88.35	120	20.00	0	--	0	--	4,840	58.33
2d quarter	0	--	0	--	52	403.00	0	--	0	--	52	403.00
3d quarter	0	--	0	--	150	182.08	0	--	0	--	650	70.10
4th quarter	0	--	0	--	5,200	143.88	0	--	0	--	5,200	143.88
Total and average	0	--	1,020	88.35	5,522	144.86	0	--	0	--	10,542	102.85
Winema--												
1st quarter	0	--	0	--	58,905	549.39	0	--	800	300.39	60,960	534.49
2d quarter	0	--	0	--	0	--	0	--	0	--	4,500	114.00
3d quarter	0	--	800	326.84	0	--	0	--	2,000	313.50	2,800	318.21
4th quarter	0	--	0	--	0	--	0	--	0	--	0	--
Total and average	0	--	800	326.84	58,905	549.39	0	--	2,800	309.75	68,260	497.90
All eastern Oregon:												
1st quarter	0	--	22,440	446.49	90,492	570.29	0	--	34,952	316.37	166,719	452.94
2d quarter	0	--	1,601	187.49	5,152	387.65	0	--	771	268.94	14,152	218.77
3d quarter	0	--	895	313.90	3,316	406.72	0	--	3,030	279.87	8,189	306.67
4th quarter	0	--	82	416.71	8,583	211.10	0	--	14,839	28.00	36,575	84.49
Total and average	0	--	25,018	425.08	107,543	527.83	0	--	53,392	234.55	225,635	373.22

Table 92--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1993^{a,b} (continued)

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

National Forest	Douglas-fir				Ponderosa and Jeffrey pines		Western hemlock		True firs ^C		All species	
	West side		East side									
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Eastern Washington:												
Coville--												
1st quarter	0	--	0	--	0	--	0	--	0	--	3,100	199.42
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	30	273.02	0	--	0	--	0	--	2,785	297.03
4th quarter	0	--	183	478.62	0	--	0	--	63	205.68	403	317.95
Total and average	0	--	213	449.66	0	--	0	--	63	205.68	6,288	250.25
Okanogan--												
1st quarter	0	--	2,782	332.76	484	330.42	0	--	85	287.67	5,080	319.61
2d quarter	0	--	0	--	0	--	0	--	0	--	56	145.00
3d quarter	0	--	349	355.00	85	210.91	0	--	0	--	1,009	203.88
4th quarter	0	--	844	218.82	204	449.57	0	--	0	--	1,467	213.24
Total and average	0	--	3,955	310.41	773	348.72	0	--	85	287.67	7,592	282.38
Wenatchee--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	2,014	263.62	0	--	333	133.18	2,862	202.09
3d quarter	0	--	2,303	128.23	0	--	0	--	1,380	55.12	4,120	80.72
4th quarter	0	--	2,460	232.52	890	622.40	0	--	670	187.06	6,177	208.01
Total and average	0	--	4,763	182.10	2,904	373.58	0	--	2,383	103.12	13,159	170.00
All eastern Washington:												
1st quarter	0	--	2,782	332.76	484	330.42	0	--	85	287.67	8,160	273.95
2d quarter	0	--	0	--	2,014	263.62	0	--	333	133.18	2,918	200.89
3d quarter	0	--	2,882	159.36	85	210.91	0	--	1,380	55.12	7,914	177.75
4th quarter	0	--	3,487	242.12	1,084	590.17	0	--	733	188.66	8,047	214.47
Total and average	0	--	8,931	245.30	3,677	368.35	0	--	2,531	111.88	27,039	220.22
All eastern Oregon and eastern Washington:												
1st quarter	0	--	25,202	434.03	90,978	569.01	0	--	35,037	316.30	174,879	444.59
2d quarter	0	--	1,601	187.49	7,188	352.79	0	--	1,104	227.89	17,070	215.73
3d quarter	0	--	3,577	188.03	3,401	401.82	0	--	4,410	209.54	16,103	243.31
4th quarter	0	--	3,569	246.13	9,677	253.95	0	--	15,372	35.66	44,622	107.93
Total and average	0	--	33,949	377.78	111,220	522.56	0	--	55,923	229.00	252,674	356.85
Pacific Northwest Region:												
1st quarter	7,562	696.34	25,202	434.03	90,978	569.01	805	371.18	35,236	316.12	185,059	451.62
2d quarter	16,337	569.63	1,627	187.97	7,188	352.79	3,385	347.14	3,061	347.43	41,991	367.85
3d quarter	32,619	538.77	6,496	295.32	3,601	398.18	1,301	288.37	7,345	234.88	61,435	428.79
4th quarter	25,013	430.57	3,569	246.13	9,677	253.95	5,200	203.44	16,082	45.18	80,161	224.05
Total and average	81,531	526.37	36,894	380.58	111,420	522.22	10,691	271.91	61,724	243.36	368,646	388.79
All of Oregon:												
1st quarter	6,882	695.51	22,440	448.49	90,492	570.29	80	234.10	35,151	316.19	174,809	460.06
2d quarter	6,227	839.28	1,627	187.87	5,152	387.65	995	450.74	2,173	362.37	24,918	394.29
3d quarter	31,109	522.61	3,814	390.93	3,516	402.69	1,301	288.37	5,965	338.03	52,011	454.13
4th quarter	19,326	466.37	82	416.71	8,583	211.10	2,136	266.72	16,349	38.33	62,654	218.29
Total and average	63,344	554.82	27,963	423.79	107,743	527.47	4,514	323.36	58,636	248.50	314,392	405.69
All of Washington:												
1st quarter	880	702.59	2,782	332.76	484	330.42	725	386.31	85	287.67	10,250	307.58
2d quarter	10,110	403.54	0	--	2,014	263.62	2,390	304.01	888	237.44	17,073	329.27
3d quarter	1,510	871.74	2,682	159.36	85	210.91	0	--	1,380	55.12	9,424	288.94
4th quarter	5,687	308.89	3,487	242.12	1,094	590.17	3,062	143.90	733	188.66	17,507	244.63
Total and average	18,187	427.29	8,931	245.30	3,677	368.35	6,177	234.30	3,086	145.71	54,254	290.85

^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 93—Volume of timber sold on publicly owned or managed lands in Alaska, 1988-93

(In thousand board feet, Scribner scale)

Agency	1988	1989	1990	1991	1992		1993				
					Total	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service ^a	20,188	168,050	32,174	50,747	155,731	92,128	12,287	16,675	14,999	23,234	67,195
U.S. Bureau of Land Manage. ^b	0	21	0	359	175	0	8	5	200	307	520
U.S. Bureau of Indian Affairs	0	65	11,700	59	57	0	0	1,200	0	0	1,200
State of Alaska	25,492	18,764	32,534	8,374	12,479	1,700	11,398	7,862	1,870	2,030	23,160
Total	45,680	186,900	76,407	59,539	168,442	93,828	23,693	25,742	17,069	25,571	92,075

^a Convertible products only.^b Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

Table 94--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1988-93

(In dollars per thousand board feet)

Agency	1988	1989	1990	1991	1992		1993				Total
					Average	4th qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	73.61	121.59	60.79	35.09	18.88	12.85	5.38	69.21	134.59	156.36	102.27
U.S. Bureau of Land Manage. ^b	--	64.48	--	19.27	11.91	--	10.00	10.00	4.00	16.84	11.73
U.S. Bureau of Indian Affairs	--	16.20	341.88	54.69	38.60	--	--	49.61	--	--	49.61
State of Alaska	28.87	30.35	27.09	21.49	33.63	62.60	24.80	94.22	25.60	40.39	49.80
Average	48.64	112.39	89.49	33.10	19.97	13.75	14.72	75.92	121.12	145.48	87.87

^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 95—Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1986-93

(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	17,537	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:					
1st qtr.	999	2,542	2,404	0	5,945
2d qtr.	4,454	4,798	733	0	9,985
3d qtr.	10,170	24,768	5,089	30	40,057
4th qtr.	16,570	45,021	17,502	0	79,132
1992 total	32,192	77,129	25,728	30	135,079
1993:					
1st qtr.	901	1,976	860	54	3,790
2d qtr.	3,284	9,699	1,539	0	14,521
3d qtr.	3,104	9,490	1,367	0	13,960
4th qtr.	5,817	10,432	3,742	1	19,992
1993 total	13,106	31,597	7,508	55	52,263

^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 96--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1982-93^a

(In dollars per thousand board feet)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1982	39.00	14.50	b	35.70	32.40
1983	29.00	6.70	b	8.90	14.60
1984	18.83	4.67	b	76.32	18.86
1985	18.78	5.73	b	29.97	13.77
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:					
1st quarter	99.90	5.12	81.89	--	52.09
2d quarter	39.25	4.10	12.01	--	20.36
3d quarter	75.60	2.63	88.90	21.03	32.13
4th quarter	90.17	3.37	157.80	--	55.73
1992 average	78.82	3.24	132.93	21.03	45.96
1993:					
1st quarter	32.87	3.65	135.08	30.00	40.78
2d quarter	225.45	2.05	234.92	--	77.24
3d quarter	311.26	107.89	624.29	--	203.66
4th quarter	175.88	20.93	615.49	20.00	177.31
1993 average	211.06	40.25	484.29	29.91	146.86

^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 97—Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1982-93^a

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

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region—east side		Pacific Northwest Region—west side		Alaska Region	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume ^b	Value
1982	1,004.8	33.22	338.7	5.72	358.0	23.32	342.6	11.52	1,674.1	52.23	1,471.3	48.59	3,485.7	82.95	73.9	31.42
1983	1,055.3	45.93	330.0	13.64	355.2	35.74	395.4	20.89	1,782.4	70.75	1,625.8	68.28	3,333.5	110.12	82.4	14.68
1984	865.9	33.16	455.8	12.27	409.4	35.03	381.2	16.69	1,473.1	61.21	1,629.4	64.18	3,278.2	86.00	60.2	17.65
1985	948.4	26.07	443.7	8.64	293.0	21.64	428.7	15.12	1,602.7	56.37	1,442.0	70.54	2,826.3	77.08	51.1	6.98
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	337.73	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:																
1st qtr.	76.3	157.09	63.6	136.39	9.1	80.71	24.9	110.50	71.0	177.92	104.2	136.79	71.4	355.82	6.7	47.00
2d qtr.	137.8	150.54	75.1	141.90	57.9	107.39	83.0	113.33	307.0	201.15	119.3	211.08	48.6	290.15	11.5	18.13
3d qtr.	207.4	136.80	93.5	115.16	52.4	95.66	156.2	108.02	226.4	184.10	110.8	227.63	56.2	272.11	45.4	27.15
4th qtr.	79.5	173.58	84.6	151.46	106.0	134.11	56.7	184.68	816.7	85.44	170.7	145.65	85.3	224.75	92.1	12.85
Total and average	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:																
1st qtr.	80.7	344.21	41.2	153.37	9.5	64.07	65.7	269.90	88.2	303.72	236.2	382.66	17.1	403.99	12.3	5.38
2d qtr.	82.0	318.08	65.0	154.49	17.0	117.65	99.4	336.99	131.5	158.84	100.1	279.92	21.1	389.88	16.7	69.21
3d qtr.	139.0	245.42	61.3	123.60	47.5	117.42	121.6	164.32	235.7	235.08	67.8	63.14	88.7	180.61	15.0	134.59
4th qtr.	80.3	237.52	75.1	176.48	64.9	23.26	52.9	246.66	244.1	275.18	52.4	73.20	54.5	323.00	23.2	156.36
Total and average	382.0	280.22	242.5	153.30	138.9	69.79	339.5	248.01	699.4	243.40	456.5	277.15	181.4	268.79	67.2	102.27

^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 timber contracts.

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

Figure 7--Average value of all timber products sold from
Forest Service Regions of the Western United States

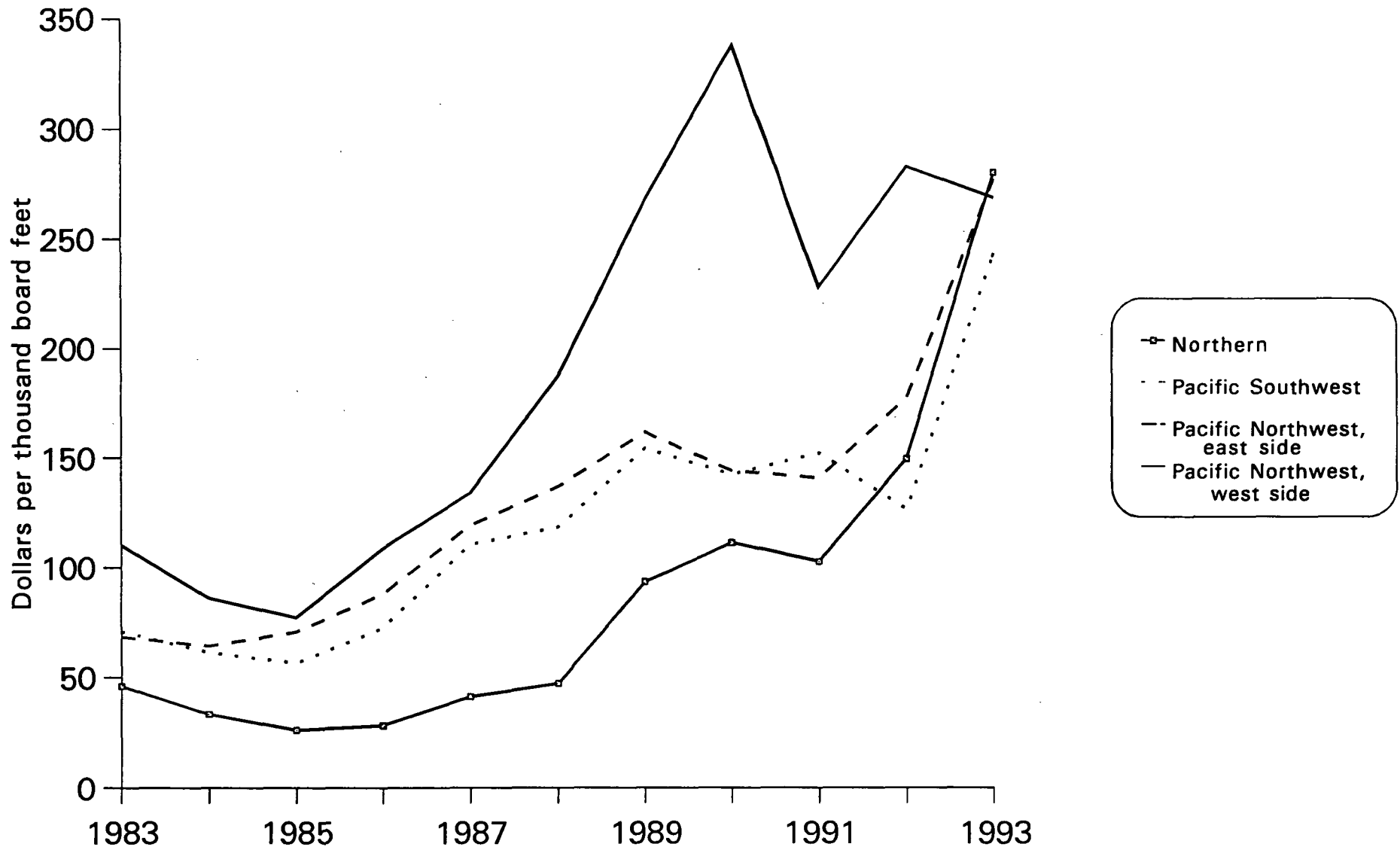


Table 98--Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1982-93^a

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

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region--east side		Pacific Northwest Region--west side		Alaska Region	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
1982	528.9	22.39	258.7	6.97	180.0	25.29	287.8	11.13	937.3	47.80	890.2	53.86	1,568.0	87.06	345.5	14.61
1983	1,071.9	38.15	345.8	10.48	378.4	42.52	417.2	20.09	1,676.3	97.71	1,542.8	95.43	2,744.7	96.03	251.9	10.01
1984	921.8	40.89	386.6	13.80	401.6	30.84	385.9	17.16	1,559.1	80.13	1,715.5	87.03	2,953.7	100.52	249.1	14.91
1985	991.9	36.70	372.2	13.47	426.7	45.80	438.2	17.47	1,815.5	72.82	1,776.6	86.39	2,983.9	87.28	265.6	-10.47
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	1,970.2	106.03	3,470.6	118.58	352.2	-8.87
1988	920.7	46.49	419.6	17.79	522.7	61.98	449.3	32.28	2,160.6	104.53	1,727.4	121.18	3,778.8	166.32	408.9	4.86
1989	1,085.0	56.25	405.0	24.34	499.4	53.69	410.2	41.20	2,014.5	119.30	1,932.8	130.31	3,031.2	193.68	461.9	13.30
1990	904.5	68.55	383.8	29.81	361.7	40.50	408.2	51.95	1,521.1	123.13	1,546.0	122.53	1,941.8	237.93	475.0	39.48
1991	806.8	78.54	389.8	37.91	337.9	59.82	369.1	59.93	1,336.2	139.30	1,267.1	157.22	1,484.1	261.15	326.5	14.03
1992:																
1st qtr.	131.3	115.61	73.4	70.99	31.0	98.61	55.1	121.61	71.3	147.67	268.7	218.65	224.8	310.34	68.8	-208.16
2d qtr.	149.2	104.17	37.8	98.06	57.1	96.96	37.9	114.56	307.0	201.15	238.2	162.04	304.7	289.56	100.3	22.17
3d qtr.	302.0	97.40	110.3	58.57	89.2	76.15	122.6	79.04	412.9	168.80	240.5	133.16	235.7	280.58	122.9	14.58
4th qtr.	196.8	109.18	106.4	66.76	124.1	83.37	128.5	70.34	230.4	157.43	268.0	171.12	200.0	289.98	103.4	.65
Total and average	779.3	104.74	327.9	68.56	301.4	85.38	344.1	86.52	1,021.6	174.43	1,015.4	172.58	965.2	292.29	395.3	-25.91
1993:																
1st qtr.	103.1	161.63	53.7	145.65	15.2	88.03	34.5	150.07	39.2	152.24	211.0	311.45	101.9	353.56	43.1	5.95
2d qtr.	78.3	148.30	24.6	133.79	36.5	128.93	62.8	283.27	130.5	248.20	185.6	283.93	161.5	392.06	86.1	37.37
3d qtr.	238.9	136.36	76.6	81.66	41.7	60.38	133.6	150.93	321.4	208.19	283.0	199.12	255.2	344.63	98.8	19.44
4th qtr.	186.7	174.81	88.6	76.08	47.6	125.37	125.0	151.31	247.8	217.28	275.9	208.86	184.0	361.76	99.1	40.95
Total and average	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

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 99--Volume and average value received in British Columbia on timber billed from tree farm licenses, timber sale harvesting licenses, and timber sale licenses other than small business sales, by species and by coast and interior, 1987-92^a

(Volume in thousand cubic meters; value in Canadian dollars per cubic meter ^{b c})

Species and year	Coast ^d		Interior ^e		Species and year	Coast ^d		Interior ^e	
	Volume	Average value	Volume	Average value		Volume	Average value	Volume	Average value
Balsam:					Lodgepole				
1987	2,825	2.99	4,803	1.25	1987	5	1.54	15,224	1.19
1988	3,703	5.86	5,176	5.02	1988	15	2.59	15,804	3.29
1989	2,950	7.56	5,071	6.43	1989	11	2.97	15,343	5.11
1990	3,049	8.70	5,707	6.30	1990	8	6.49	17,328	6.40
1991	2,623	9.13	4,903	6.06	1991	5	8.62	15,753	5.94
Cedar:					Spruce:				
1987	3,704	6.27	1,223	1.89	1987	876	20.98	13,881	2.14
1988	4,737	11.40	1,105	3.19	1988	987	15.49	14,137	5.34
1989	3,791	9.57	1,180	4.34	1989	690	10.66	11,757	7.74
1990	3,911	10.42	1,210	3.64	1990	739	12.41	13,633	8.31
1991	3,439	10.84	1,048	3.50	1991	577	14.50	11,894	7.86
Cypress:					White pine:				
1987	391	8.46	2	13.71	1987	20	2.16	116	18.68
1988	593	61.82	4	5.79	1988	21	6.87	164	11.15
1989	547	11.86	5	1.91	1989	24	9.66	163	7.62
1990	570	9.97	6	2.19	1990	25	8.53	146	7.32
1991	532	10.53	5	4.76	1991	24	8.16	105	5.75
Fir:					Other species:				
1987	1,853	8.46	2,885	1.59	1987	57	1.99	85	1.21
1988	1,917	9.62	2,795	3.63	1988	43	1.57	276	.83
1989	1,720	6.14	2,843	7.05	1989	45	1.20	251	1.49
1990	1,556	8.11	2,925	8.62	1990	106	1.17	318	1.98
1991	1,322	9.49	2,461	7.39	1991	60	.94	314	1.07
Hemlock:					All species:				
1987	6,385	2.72	2,591	.83	1987	16,116	6.12	41,071	1.60
1988	8,250	5.79	2,259	1.83	1988	20,266	9.58	42,045	4.15
1989	6,807	8.31	2,952	2.25	1989	16,586	8.43	39,927	5.95
1990	6,783	9.37	3,321	1.77	1990	16,747	9.48	44,971	6.67
1991	5,905	10.14	2,415	1.83	1991	14,487	10.21	39,180	6.27
Larch:					1992	14,478	9.81	40,052	6.63
1987	0	--	261	1.62					
1988	0	--	325	3.86					
1989	0	--	382	5.90					
1990	0	--	377	7.26					
1991	0	--	282	6.19					

Note: Individual species not available since 1991.

^a Fiscal year ending March 31.

^b Factors to convert cubic meters to board feet, Scribner scale, vary according to size and quality of timber. Size and quality may vary from one year to the next and between the coast and interior regions. For the coast, the approximate conversion factor lies between 5.0 and 6.0 cubic meters per 1,000 board feet; for the interior, between 5.75 and 6.5 cubic meters per 1,000 board feet.

^c Average stumpage prices do not reflect the effect of road and other credits against stumpage as authorized under section 88 of the British Columbia Forest Act of 1978.

^d Includes portions of Cariboo, Prince Rupert, and Vancouver forest regions.

^e Includes Kamloops, Nelson, Prince George, and portions of Cariboo, Prince Rupert, and Vancouver forest regions.

Source: Province of British Columbia Ministry of Forests Annual Report, Victoria.

Table 100—Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1983-93^a

(In million board feet, Scribner log rule)

Year	California	Montana	Idaho ^b		Oregon ^c	Washington ^c
			Northern	Southern		
1983	6,974.9	1,848.9	1,995.9	807.0	13,361.9	5,820.4
1984	7,278.0	1,752.2	1,740.1	810.0	12,857.4	5,312.0
1985	7,179.0	2,046.0	1,785.2	^d 707.0	13,278.2	5,362.4
1986	4,911.0	1,924.4	1,947.5	712.3	7,777.6	2,970.6
1987	4,108.7	1,297.1	1,390.7	^d 612.3	7,161.8	2,805.3
1988	3,411.0	980.8	1,272.0	^d 481.3	6,864.5	3,094.6
1989	2,787.2	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	1,003.3	568.4	856.7	378.1	2,777.1	1,039.5
1993	909.7	471.8	711.6	397.2	2,048.8	775.2

^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 Before 1986, the volume figures included some buy-out and default volumes.

^d As of September 30.

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

Table 101—Funded fiscal year sale program volume on National Forest lands in Oregon and Washington, 1983-93

(In million board feet, Scribner scale)

Fiscal year	Oregon ^a	Washington	Total
1983	3,389	1,323	4,712
1984	3,608	1,320	4,928
1985	3,457	1,253	4,710
1986	3,469	1,216	4,685
1987	3,874	1,279	5,153
1988	3,925	1,317	5,242
1989-90	5,600	2,100	7,700
1991	2,625	653	3,278
1992	2,401	568	2,969
1993	1,855	424	2,279

Note: 1989-90 must be a single entity, and the volume is net merchantable timber, as mandated by Section 318 of the FY 1990 Appropriations Act.

^a Includes California volumes for Rogue River and Siskiyou National Forests; also includes Washington volume for Umatilla National Forest.

Table 102—Sale quantity and uncut volume under contract on Bureau of Land Management lands in Oregon, 1983-93

(In million board feet, Scribner scale)

Year	Sale quantity	Uncut volume under contract	Ratio
1983	1,048	3,520	3.4
1984	1,023	3,639	3.6
1985	1,000	3,498	3.5
1986	1,574	2,104	1.3
1987	1,188	2,129	1.8
1988	1,183	1,700	1.4
1989	762	1,189	1.6
1990	1,193	1,013	.8
1991	462	925	2.0
1992	69	616	8.9
1993	49	175	3.6

Source: Bureau of Land Management.

Table 103—Allowable annual cut and uncut volume under contract on Oregon State lands, 1982-92^a

(In million board feet, Scribner scale)

Year	Allowable cut	Uncut volume under contract	Ratio
1982	220	676	3.1
1983	205	503	2.5
1984	202	555	2.7
1985	210	461	2.2
1986	222	389	1.8
1987	197	367	1.9
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

^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, 1983-93^a

(In million board feet, Scribner scale)

Year	Sustainable harvest	Uncut volume under contract	Ratio
1983	777	1,824	2.3
1984	777	1,395	1.8
1985	777	1,165	1.5
1986	778	1,013	1.3
1987	778	853	1.1
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

^a As of June 30.

^b Figure does not reflect environmental constraints; permitted or "sustainable" harvest is estimated to be 665 million board feet.

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, 1988-93

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
1988	2	31	7	47	5	30	14	94	12	51
1989	6	35	0	22	4	33	9	61	5	50
1990	15	34	12	56	6	30	15	63	2	55
1991	7	25	1	23	5	24	5	16	6	35
1992	1	16	9	25	6	19	5	11	10	44
1993:										
1st qtr.	0	1	2	6	4	9	1	2	2	11
2d qtr.	0	0	0	1	0	6	0	4	0	5
3d qtr.	0	4	0	2	1	4	0	1	2	4
4th qtr.	0	3	0	3	0	4	0	0	1	9
1993 total	0	8	2	12	5	23	1	7	5	29
	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
1988	24	72	15	77	12	26	0	23	8	57
1989	25	50	14	54	8	16	1	17	4	32
1990	24	82	20	100	11	32	2	20	4	49
1991	3	12	6	30	5	19	0	13	0	9
1992	0	7	11	27	6	14	0	13	0	7
1993:										
1st qtr.	0	0	1	3	0	2	0	6	0	0
2d qtr.	0	0	1	9	0	0	0	1	4	4
3d qtr.	0	0	6	18	1	1	0	6	0	0
4th qtr.	0	6	0	6	0	2	0	1	0	1
1993 total	0	6	8	36	1	5	0	14	4	5
	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
1988	27	51	4	44	9	81	3	24	23	141
1989	23	35	3	23	9	56	1	30	25	115
1990	26	51	8	50	10	88	1	33	25	116
1991	4	5	1	2	1	8	1	18	2	24
1992	1	1	1	2	2	6	2	12	3	9
1993:										
1st qtr.	1	1	0	0	0	1	1	1	0	2
2d qtr.	4	4	0	2	0	1	1	1	2	5
3d qtr.	4	5	0	6	2	5	1	1	1	5
4th qtr.	3	3	0	3	0	5	1	2	0	5
1993 total	12	13	0	11	2	12	4	5	3	17
	Walla-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
1988	9	53	7	44	44	142	7	34	232	1,122
1989	6	41	10	48	25	127	8	30	186	875
1990	4	37	0	59	85	205	12	26	282	1,216
1991	2	25	1	13	7	33	3	20	60	354
1992	15	34	1	10	11	33	0	15	84	305
1993:										
1st qtr.	0	6	0	0	3	4	6	11	21	66
2d qtr.	0	1	0	5	4	7	0	1	16	57
3d qtr.	0	3	0	5	8	11	0	2	26	83
4th qtr.	0	1	1	7	2	7	0	0	8	68
1993 total	0	11	1	17	17	29	6	14	71	274

Source: Forest Service, U.S. Department of Agriculture. 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, 1988-93

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

Quarter	Coville		Deschutes		Fremont		Gifford Pinchot		Malheur	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1988	1,620	107.41	1,673	100.32	30,530	134.57	7,280	124.34	4,195	165.04
1989	1,648	150.00	0	--	25,150	253.31	2,505	189.63	1,070	150.33
1990	75,315	82.83	4,589	243.43	37,110	217.36	5,550	267.83	780	347.25
1991	35,290	54.11	2,350	79.39	16,100	233.11	5,135	248.34	1,310	190.13
1992	40	185.00	29,050	136.32	14,940	446.32	6,547	121.09	1,915	142.07
1993:										
1st qtr.	0	--	1,075	705.35	20,940	530.25	325	381.87	533	450.10
2d qtr.	0	--	0	--	0	--	0	--	0	--
3d qtr.	0	--	0	--	2,400	579.32	0	--	132	398.04
4th qtr.	0	--	0	--	0	--	0	--	84	211.45
1993 total	0	--	1,075	705.35	23,340	535.30	325	381.87	749	414.16
	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1988	65,895	198.90	6,980	173.58	63,102	238.34	0	--	4,133	140.96
1989	64,005	281.85	4,536	153.31	58,900	266.91	350	38.73	1,685	202.59
1990	57,990	207.09	2,901	308.70	51,390	223.10	1,690	27.64	775	238.75
1991	477	141.84	854	258.73	16,950	283.26	0	--	0	--
1992	0	--	4,685	208.23	17,580	577.39	0	--	0	--
1993:										
1st qtr.	0	--	258	187.01	0	--	0	--	0	--
2d qtr.	0	--	41	139.70	0	--	0	--	7,500	295.81
3d qtr.	0	--	5,468	352.14	150	335.00	0	--	0	--
4th qtr.	0	--	0	--	0	--	0	--	0	--
1993 total	0	--	5,767	343.25	150	335.00	0	--	7,500	295.81
	Rogue River		Siskiyou		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1988	101,295	191.14	883	114.66	2,283	192.14	3,400	14.60	6,130	160.86
1989	67,905	260.39	710	443.82	1,972	310.35	670	10.45	3,181	294.24
1990	51,970	293.37	2,378	231.64	2,678	270.04	580	20.81	5,305	319.21
1991	845	143.65	170	25.10	250	298.00	194	87.31	72	507.17
1992	18	155.33	70	52.60	227	98.65	124	214.66	1,220	418.93
1993:										
1st qtr.	410	308.61	0	--	0	--	7,700	374.48	0	--
2d qtr.	2,890	724.27	0	--	0	--	163	241.07	95	516.45
3d qtr.	2,915	383.61	0	--	1,820	285.06	90	114.00	152	713.36
4th qtr.	1,815	288.04	0	--	0	--	58	90.22	0	--
1993 total	8,030	480.78	0	--	1,820	285.06	8,011	366.78	247	637.62
	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1988	4,349	32.07	11,820	127.03	113,845	214.35	58,750	193.62	488,163	193.26
1989	6,554	180.25	24,251	128.95	10,201	284.33	40,010	169.52	315,303	239.80
1990	4,300	94.88	0	--	22,713	275.73	53,915	181.87	381,929	200.27
1991	1,600	70.00	280	249.57	13,600	401.73	20,730	280.08	116,007	208.09
1992	36,106	153.46	3,640	12.57	4,755	384.43	0	--	120,917	254.59
1993:										
1st qtr.	0	--	0	--	1,653	624.01	20,740	452.20	53,634	479.06
2d qtr.	0	--	0	--	930	492.85	0	--	11,619	418.51
3d qtr.	0	--	0	--	1,547	560.06	0	--	14,674	411.67
4th qtr.	0	--	700	179.13	2,370	387.76	0	--	5,027	316.32
1993 total	0	--	700	179.13	6,500	503.88	20,740	452.20	84,954	449.51

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

Warren, Debra D. 1994. Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1993. Resour. Bull. PNW-RB-202. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 128 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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