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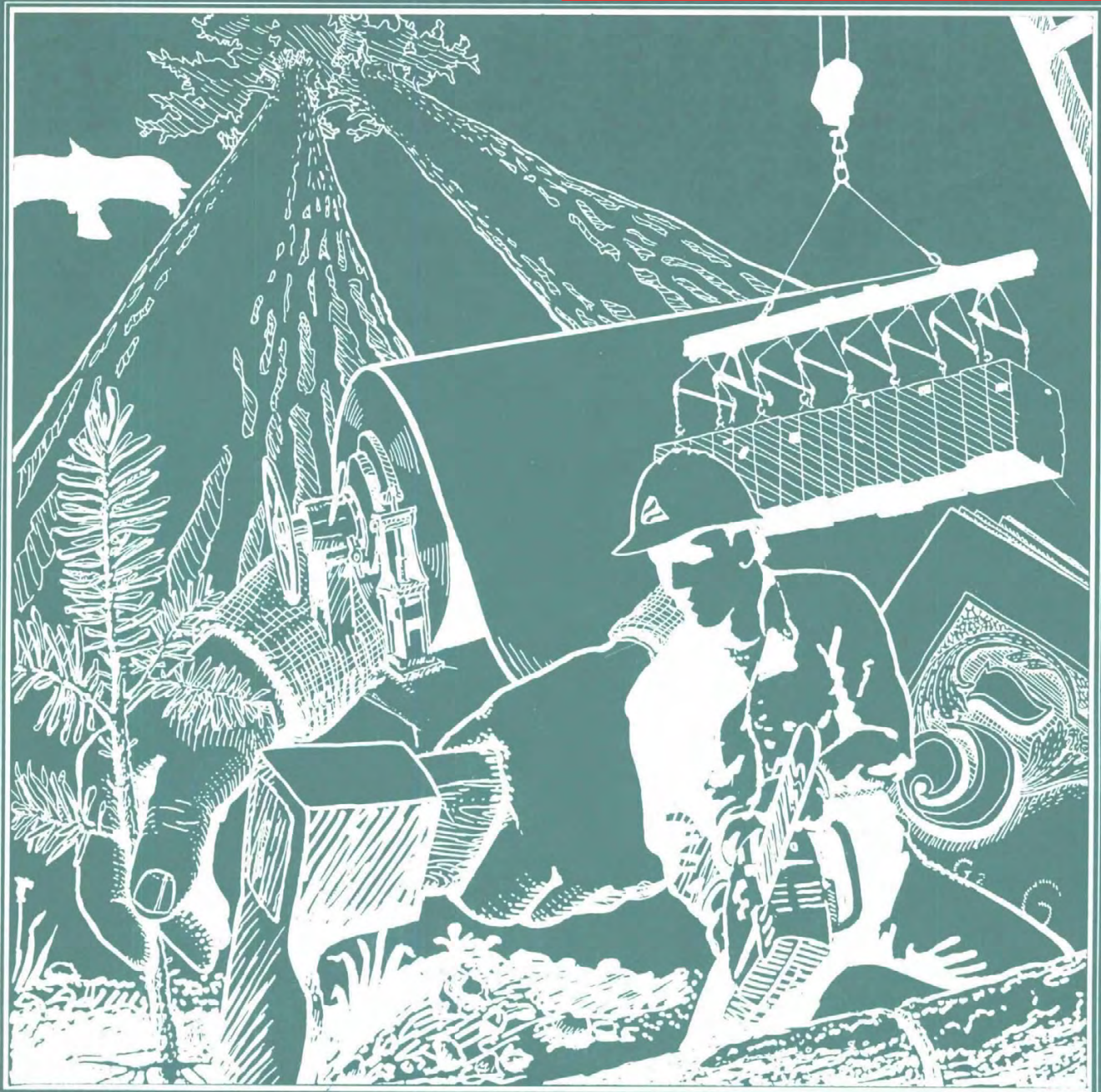
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Production, Prices, Employment, and Trade in Northwest Forest Industries, Second Quarter 1993

Debra D. Warren

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ABSTRACT

Warren, Debra D. 1993. Production, prices, employment, and trade in Northwest forest industries, second quarter 1993. Resour. Bull. PNW-RB-199. 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.

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Western Lumber Production and Prices

- *Softwood lumber production*

A total of 18.8 billion board feet of softwood lumber was produced in the Western United States in 1992, and the total U.S. figure was 34.5 billion board feet (table 1). Total softwood lumber production in the second quarter of 1993 was 8.1 billion board feet, and 4.3 of that was produced in the West.

- *Most lumber prices increase*

Average wholesale prices rose in 1992 for selected lumber products (table 7). Compared with first quarter 1993 average values, second quarter changes ranged from a 11.9-percent increase for no. 2 shop ponderosa pine boards, to a 28.9-percent decrease for spruce-pine-fir, standard and better.

Plywood Production and Prices

- *Plywood production increases*

United States softwood structural panel board production in 1992, at 25,308 million square feet (3/8-inch basis), increased 3.1 percent from 1991. Production in the second quarter of 1993 was up slightly from first quarter (table 1).

Wholesale prices of selected plywood products increased significantly from 1991 to 1992. Second quarter 1993 prices averaged a 16.5-percent decrease (table 8) over first quarter prices.

Employment in Forest Products Industries

- *Employment numbers fall in 1992*

The number of persons employed in the lumber and wood products industries decreased in 1992 in Alaska, Washington, Oregon, and California (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 1992*

Log exports from Washington and Oregon ports totaled 2,181.7 million board feet in 1992, as compared to 2,542.4 million board feet in 1991. In the second quarter of 1993, Washington Customs District exported 290.5 million board feet of logs to all countries, and Oregon Customs District exported 207.2 (table 24).

- *Log prices up sharply*

Softwood log exports from Washington and Oregon ports averaged \$1,083.97 (per thousand board feet) in the second quarter of 1993, up from the 1992 average of \$687.01. The values increased for all log exports going to Japan, China, and South Korea (table 26).

- *Log exports decrease in California, increase in Alaska*

San Francisco Customs District exported 77.0 percent fewer logs in 1992 than in 1991 (table 27); the volume also dropped sharply from first to second quarter 1993. The Anchorage Customs District exported 0.6 percent more logs in 1992 than in 1991 (table 28), and the volume nearly tripled from first to second quarter 1993.

- *Pulp volumes fluctuate slightly*

The four western customs districts showed only minor fluctuations in pulp export volumes from 1991 to 1992 (table 45).

- *Average value of pulp exports mostly down*

Most customs districts indicated a decrease in the average values for both grades of pulp exports from 1991 to 1992 (table 46). Second quarter 1993 prices remained fairly stable.

- *Chip exports increase in three customs districts*

Seattle Customs District was the only district with a decrease in the volume of chip exports in the second quarter of 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 \$113.38 in the second quarter of 1993.

Lumber, Plywood, and Veneer Exports

- *Volume of lumber exports falls substantially*

The lumber export figures showed dramatic drops for all four western customs districts from 1991 to 1992 (tables 48, 52, and 53). The Columbia-Snake Customs District had a decrease of 16.3 percent from 1991, and the Seattle Customs District dropped 18.9 percent for the same period. For the second quarter of 1993, however, the total volume of lumber exports was comparable to the first quarter.

Timber Sold by Forest Service Regions

- *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 \$670.61 in the second quarter of 1993 (table 50). California (tables 51 and 52) and Alaska (table 53) lumber export prices also increased.

- *Softwood plywood export volumes are down*

The Seattle and Columbia-Snake Customs Districts exported 39.3 percent less softwood plywood in 1992 than in 1991. Most plywood export values increased in the second quarter of 1993 (table 70).

- *Softwood veneer exports increase in 1992*

Compared with 1991, softwood veneer exports were up 6.5 percent in Oregon and Washington in 1992 (table 72). Veneer export values remained pretty much the same for the second quarter of 1993.

- *Sold volume in Northern Region is down for 1992*

The amount of timber sold in Montana and northern Idaho dropped 10.5 percent from 1991 to 1992 (table 73). The average values for all owners increased from \$94.95 in 1991 to \$152.93 in 1992 (table 74).

- *Sold volume rises in northern California on National Forest lands*

In 1992, the volume of timber sold on National Forest lands in northern California increased 69.7 percent from the 1991 total (table 81). The average value of timber sold on USDA Forest Service lands dropped from \$152.10 in 1991 to \$126.43 in 1992 (table 82).

- *Sold volume in Washington and Oregon decreases*

Oregon and Washington showed a decrease of 42.3 percent in the amount of timber sold on public lands from 1991 to 1992 (table 87). Average prices have increased so far in 1993 (table 88).

- *Alaska shows huge increase*

In 1992, the volume of timber sold on Alaska public lands increased 182.9 percent over 1991 (table 93).

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					
August					
September					
Total, 3d quarter					
October					
November					
December					
Total, 4th quarter					
1993 total					

^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, 1982-92^a

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

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States ^b	Northern States ^c
1982	16,402.6	5,113.9	1,165.8	195.5	874.4	8,455.7	597.3
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

^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					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1993 average					
----- 2d quarter 1993 change, in percent -----					
From:					
1st quarter 1993	9.0	-15.4	11.9	4.3	-28.9
2d quarter 1992	51.8	-1.6	35.8	51.2	22.8

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			
August			
September			
Average, 3d quarter			
October			
November			
December			
Average, 4th quarter			
1993 average			
----- 2d quarter 1993 change, in percent -----			
From:			
1st quarter 1993	-16.6	-22.3	-10.5
2d quarter 1992	14.0	2.3	24.1

^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	10.9	586	24.3	511	55.2	414	5.0	314	3.8	193	569,718
3d quarter															
4th quarter															
1993 average															

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

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

Table 10--Percentage of total volume for ponderosa pine lumber, inland mills, 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	.4	1.8	5.4	2.2	15.8	24.8	7.0	4.0	11.0	19.8	5.4	.8	1.2	393,214
3d quarter																	
4th quarter																	
1993 total																	

^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	858	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	442	659	495	397	318	358	191
3d quarter																
4th quarter																
1993 average																

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															
4th quarter															
1993 average															

^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	15.1	445	64.0	380	7.1	281	5.0	202	205,773
3d quarter															
4th quarter															
1993 average															

^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				
4th quarter				
1993 average				

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	3,570	135	1,403	483	111	29	5,731

^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 Land Management				National Forest			Total
			Bureau of Indian Affairs	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	134.0	108.4	25.6	57.2	40.5	16.7	76.8	67.9	8.9
1989	135.7	109.3	26.5	59.6	42.2	17.4	76.1	67.0	9.1
1990	131.6	104.1	27.5	58.8	40.4	18.4	72.8	63.7	9.1
1991	122.3	95.0	27.3	55.9	38.0	17.9	66.4	57.1	9.3
1992	117.1	90.4	26.7	53.8	36.1	17.7	63.3	54.3	9.0
1993:									
January	113.0	87.5	25.5	52.5	35.8	16.7	60.5	51.7	8.8
February	113.9	88.4	25.5	52.7	36.0	16.7	61.2	52.4	8.8
March	114.3	88.7	25.6	52.8	36.1	16.7	61.5	52.6	8.9
Average, 1st quarter	113.7	88.2	25.5	52.7	36.0	16.7	61.1	52.2	8.8
April	113.1	87.9	25.2	52.6	36.2	16.4	60.5	51.7	8.8
May	113.5	88.0	25.5	52.9	36.3	16.6	60.6	51.7	8.9
June	115.7	89.9	25.8	53.6	36.8	16.8	62.1	53.1	9.0
Average, 2d quarter	114.1	88.6	25.5	53.0	36.4	16.6	61.1	52.2	8.9
July									
August									
September									
Average, 3d quarter									
October									
November									
December									
Average, 4th quarter									
1993 average									
----- 2d quarter 1993 change in employment -----									
From:									
1st qtr. 1993	.4	.4	0	.3	.4	-.1	0	0	.1
2d qtr. 1992	-3.8	-2.7	-1.1	-.9	.1	-1.1	-2.9	-2.8	-.1

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

Source: State employment agencies. Includes both covered and noncovered employment. The lumber and wood products industry includes logging, lumber, plywood, poles and piling, 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, 1982-92

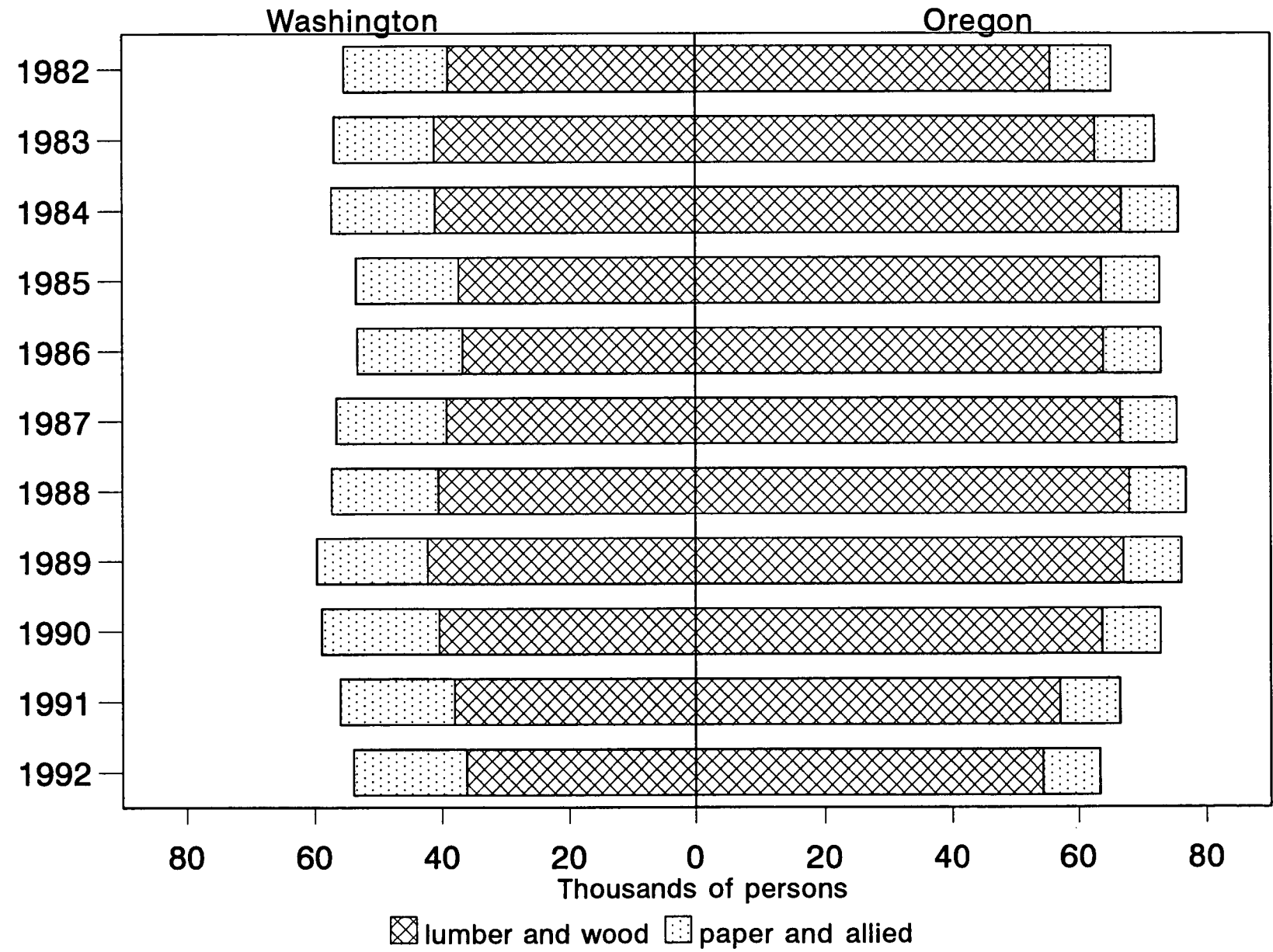


Table 21--Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-93

(In thousands of persons)

Year	Washington and Oregon		Washington		Oregon	
	Total	Forest industries	Total	Forest industries	Total	Forest industries
1990	3,407.1	131.6	2,155.2	58.4	1,251.9	73.2
1991	3,421.4	120.1	2,170.8	54.5	1,250.6	65.6
1992	3,487.0	117.6	2,216.1	54.3	1,270.9	63.3
1993:						
January	3,444.2	113.0	2,191.9	52.5	1,252.3	60.5
February	3,463.3	113.9	2,198.7	52.7	1,264.6	61.2
March	3,487.5	114.3	2,214.1	52.8	1,273.4	61.5
Average, 1st quarter	3,455.0	113.7	2,201.6	52.7	1,263.4	61.1
April	3,512.8	113.1	2,230.6	52.6	1,282.2	60.5
May	3,540.1	113.5	2,248.7	52.9	1,291.4	60.6
June	3,568.0	115.7	2,261.5	53.6	1,306.5	62.1
Average, 2d quarter	3,540.3	114.1	2,246.9	53.0	1,293.4	61.1
July						
August						
September						
Average, 3d quarter						
October						
November						
December						
Average, 4th quarter						
1993 average						

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	R84.1	R44.6	R39.5	2.3	1.4	.9
February	R84.2	R44.6	R39.6	2.5	1.6	.9
March	R84.8	R45.1	R39.7	2.9	2.0	.9
Average, 1st quarter	R84.4	R44.8	R39.6	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						
August						
September						
Average, 3d quarter						
October						
November						
December						
Average, 4th quarter						
1993 average						
----- 2d quarter 1993 change in employment -----						
From:						
1st quarter 1993	3.1	2.9	.2	.8	.9	-.1
2d quarter 1992	-3.6	-3.3	-.4	.2	.3	-.1

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. 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					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1993 average					
----- 2d quarter 1993 change in employment -----					
From:					
1st quarter 1993	-.2	a	.2	.1	.1
2d quarter 1992	.9	a	.1	0	.1

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

^a Withheld to avoid disclosing figures for individual companies.

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

Table 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	896.8	131.7	1,596.8	729.8	785.1	101.8	970.9	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	1,568.8	995.8	146.5	1,789.2	847.3	828.8	113.0	933.1	721.5	187.0	11.1	33.4
1985	3,004.1	1,749.7	1,112.0	130.1	1,878.9	844.3	939.2	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	765.7	879.0	94.0	1,041.5	845.0	154.1	12.2	30.2
1987	3,167.6	1,844.6	1,150.6	160.3	2,063.5	983.3	965.3	114.9	1,104.1	861.2	185.3	12.1	45.5
1988	3,682.2	2,279.1	1,183.8	220.5	2,294.8	1,218.8	921.9	156.0	1,387.4	1,062.2	241.9	18.8	64.5
1989	3,614.1	2,034.1	1,350.7	217.1	2,356.9	1,158.1	1,029.6	169.0	1,257.2	876.0	321.1	12.1	48.0
1990	3,008.4	1,863.1	941.9	192.5	1,932.1	1,076.8	717.6	137.7	1,076.2	786.3	224.3	10.9	54.8
1991	2,542.4	1,574.7	818.0	149.7	1,548.3	834.2	622.5	91.6	994.1	740.6	195.3	8.7	49.4
1992:													
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.													
4th qtr.													
1993 total													
TO JAPAN													
1982	1,738.2	890.6	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	485.3	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	191.1	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	678.4	588.0	54.3	9.1	25.1
1993:													
1st qtr.	472.8	362.1	92.9	17.8	268.0	181.6	76.8	9.6	204.8	180.5	16.1	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.													
4th qtr.													
1993 total													
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.													
4th qtr.													
1993 total													

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	34.6	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	27.6	1.2	23.1	0	3.3
1985	297.6	10.7	264.2	22.6	263.7	8.9	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	486.6	15.1	434.4	37.1	372.1	10.0	326.6	35.5	114.5	5.1	107.9	0	1.6
1991	445.6	12.5	406.7	26.3	320.3	5.7	291.8	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.	69.5	5.6	54.9	9.0	56.4	4.0	43.8	8.7	13.0	1.6	11.1	0	.3
3d qtr.													
4th qtr.													
1993 total													
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	145.8	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	361.6	307.9	47.6	0	6.1
1989	437.0	371.9	60.5	4.7	297.8	263.0	30.1	4.6	139.3	108.8	30.4	0	.1
1990	339.7	303.7	28.4	7.7	231.3	209.8	14.5	7.0	108.4	93.9	13.9	0	.6
1991	321.5	275.2	32.1	14.2	203.1	168.0	23.2	11.9	118.3	107.1	8.9	0	2.3
1992:													
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	.6	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.													
4th qtr.													
1993 total													

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

Figure 2--Log exports from Seattle and Columbia-Snake Customs Districts, 1982-92

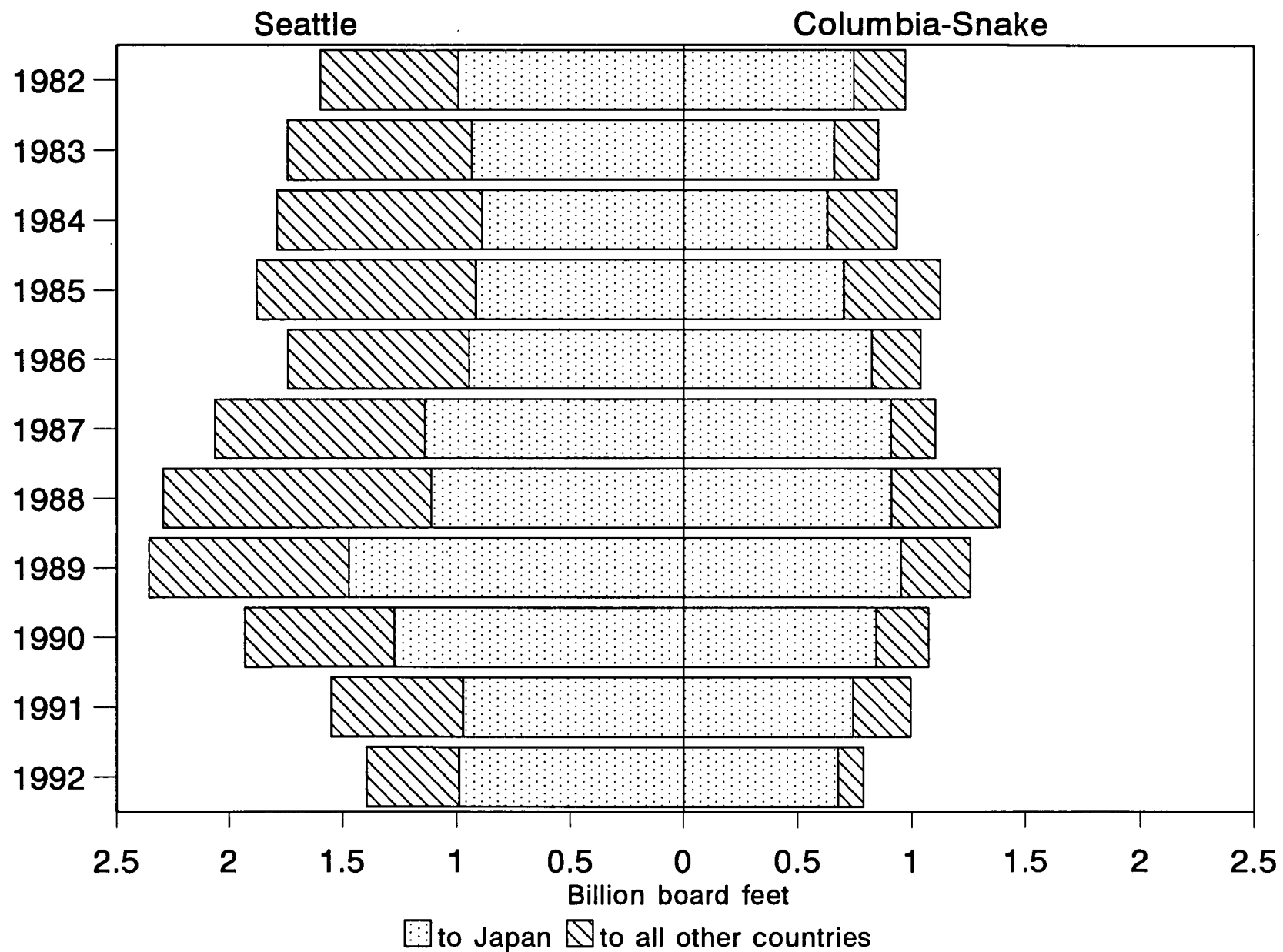


Table 25—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93

(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	227,887	58,492	11,007	14,552
1984	903,796	533,451	298,511	57,686	575,879	281,943	248,277	45,659	327,917	251,509	50,234	14,148	12,026
1985	972,469	586,597	322,567	49,140	586,974	277,856	271,543	37,576	385,495	308,741	51,024	14,166	11,564
1986	929,580	567,356	297,698	53,444	552,088	256,632	252,871	42,584	377,493	310,725	44,827	11,082	10,859
1987	1,245,300	751,776	389,960	85,492	762,852	373,752	325,685	63,415	482,448	378,023	64,275	18,073	22,077
1988	1,725,868	1,078,600	492,553	119,482	1,032,743	548,636	394,483	89,625	693,125	529,965	98,070	35,233	28,857
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	31,846	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	955,276	386,807	103,754	843,231	491,261	299,552	52,417	602,606	464,015	87,254	24,272	27,065
1992:													
1st qtr.	329,994	220,475	87,938	21,581	214,946	126,290	73,948	14,708	115,048	94,185	13,990	1,606	5,267
2d qtr.	361,359	264,928	76,923	19,508	229,305	152,628	85,543	11,134	132,054	112,300	11,380	5,889	2,485
3d qtr.	412,316	314,749	73,576	23,991	233,436	162,123	59,617	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	10,196	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	18,884	18,181
1993:													
1st qtr.	496,264	367,223	103,063	25,978	280,646	186,410	80,105	14,131	215,618	180,813	22,958	5,548	8,299
2d qtr.	539,539	367,176	149,074	23,289	308,563	172,219	120,872	15,472	230,976	184,957	28,202	2,791	5,026
3d qtr.													
4th qtr.													
1993 total													
TO JAPAN													
1982	716,343	424,685	233,395	39,584	392,047	190,838	168,734	32,475	324,296	233,847	64,661	18,679	7,109
1983	583,048	331,171	195,708	45,162	336,125	156,671	144,812	34,642	246,923	174,500	50,896	11,007	10,520
1984	535,175	324,484	162,550	34,194	302,800	148,370	125,837	28,593	232,375	176,114	36,713	13,946	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	13,965	5,306
1986	644,858	450,926	146,356	36,515	326,718	183,095	114,588	29,035	318,140	267,830	31,768	11,059	7,482
1987	918,370	612,328	228,611	59,895	493,610	270,675	180,076	42,860	424,759	341,653	48,535	17,537	17,037
1988	1,075,863	729,888	236,376	76,040	570,923	332,581	184,306	54,036	504,940	397,308	52,070	33,559	22,004
1989	1,302,346	907,929	281,526	82,811	734,604	450,983	226,472	57,149	567,742	456,945	55,054	30,080	25,663
1990	1,264,949	923,577	241,989	71,993	718,343	484,358	191,418	42,567	546,607	439,219	50,571	27,391	29,426
1991	1,075,650	806,201	195,914	73,535	589,156	402,535	158,818	27,802	486,495	403,666	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	99,689	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	3,786	5,091
1992 total	1,246,492	1,009,233	176,387	60,872	711,014	538,858	146,098	26,058	535,478	470,375	30,289	17,771	17,043
1993:													
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	160,404	61,442	5,916	204,672	183,499	14,948	2,775	3,450
3d qtr.													
4th qtr.													
1993 total													
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	16	5,527	847	6,390	16	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	7,161	87	7,561	822	6,652	87	509	--	509	--	--
1988	3,842	336	3,334	172	3,842	336	3,334	172	--	--	--	--	--
1989	10,379	5,424	4,583	372	10,379	5,424	4,583	372	--	--	--	--	--
1990	8,865	946	6,447	1,472	8,865	946	6,447	1,472	--	--	--	--	--
1991	9,174	1,193	6,863	1,118	9,174	1,193	6,863	1,118	--	--	--	--	--
1992:													
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	0	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.													
4th qtr.													
1993 total													

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	9,169	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	11,939	76,707	4,630	62,187	9,890	8,069	851	5,159	--	2,058
1984	77,339	1,723	66,588	9,026	68,951	1,358	60,119	7,474	8,389	365	6,449	2	1,573
1985	85,811	2,803	73,284	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	298	7,913	23	116
1987	126,745	4,952	104,680	16,935	112,289	3,671	93,149	15,269	14,456	1,080	11,531	178	1,667
1988	191,804	6,210	162,541	23,053	163,755	4,622	137,250	21,884	28,047	1,588	25,291	--	1,169
1989	216,548	6,655	182,826	27,068	172,501	6,094	140,425	25,982	44,047	560	42,401	--	1,086
1990	219,402	8,264	191,506	19,624	166,129	4,880	142,339	18,910	53,273	3,384	49,167	8	714
1991	193,895	6,519	171,554	15,822	141,473	2,834	124,209	14,430	52,422	3,685	47,345	--	1,392
1992:													
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.													
4th qtr.													
1993 total													
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	--	3,090
1983	220,458	161,616	51,464	7,378	164,962	110,449	49,093	5,440	55,476	51,167	2,371	--	1,938
1984	264,969	199,224	56,673	9,072	184,041	128,413	50,731	4,897	80,928	70,811	5,942	--	4,174
1985	312,178	221,344	81,604	9,230	195,164	117,736	71,825	5,603	117,014	103,608	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	158,384	113,984	41,361	3,039	123,661	84,867	37,120	1,673	34,723	29,116	4,241	--	1,366
1988	410,693	325,151	78,648	6,874	268,504	202,915	60,973	4,617	142,188	122,238	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	12,783	8,590	3,142	--	1,061
3d qtr.													
4th qtr.													
1993 total													

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	1,656.70	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	300.80	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	1,495.88	485.21
1988	468.71	473.26	423.23	541.87	450.04	450.87	427.90	574.52	499.59	498.91	405.42	1,875.39	462.90
1989	476.89	529.22	365.22	567.07	443.37	489.66	373.67	558.47	539.73	581.52	338.15	2,628.43	598.54
1990	559.05	587.13	482.42	542.67	524.97	550.04	486.61	528.77	620.26	637.93	469.02	2,672.54	577.63
1991	568.69	606.64	472.87	693.08	544.62	588.90	481.21	572.24	606.18	626.54	446.77	2,769.89	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	1,798.52	648.97
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	674.46
4th qtr.	762.60	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	965.97	723.34	2,962.09	915.29
2d qtr.	1,083.97	1,159.49	962.47	889.30	1,062.08	1,158.65	987.65	793.23	1,114.65	1,180.24	867.65	6,774.27	801.47
3d qtr.													
4th qtr.													
1993 avg.													
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	466.44	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	385.60	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	1,985.04	466.19
1989	537.31	565.10	424.43	580.32	499.10	530.37	435.36	563.60	596.39	604.14	384.72	2,697.03	621.38
1990	598.25	605.18	536.33	566.17	565.14	572.47	547.95	562.56	648.15	645.88	496.46	2,755.63	571.49
1991	627.68	638.22	555.31	752.66	606.50	627.59	563.18	579.21	655.48	649.19	523.96	3,085.36	572.46
1992:													
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	636.83
2d qtr.	704.28	736.23	533.71	918.70	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.	937.99	984.05	726.12	1,106.70	911.10	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.													
4th qtr.													
1993 avg.													
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	137.46	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	294.00	156.19	354.00	221.94	294.00	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	--	309.86	300.42	264.90	--	309.86	--	--	--	--	--
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.													
4th qtr.													
1993 avg.													

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	341.26	298.47	294.70	281.84	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	288.83	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	260.84	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	314.92	332.21	297.96	358.87	490.29
1988	391.56	425.63	376.08	534.87	393.54	433.06	376.44	535.06	380.37	405.41	374.13	--	531.36
1989	337.91	384.62	317.96	558.10	334.74	379.22	310.33	555.17	350.95	454.18	303.51	--	678.75
1990	450.90	548.85	440.82	528.95	446.47	487.66	435.87	532.29	465.29	670.10	455.80	--	453.62
1991	435.13	521.52	421.82	601.60	441.69	497.19	425.96	627.39	418.37	541.91	411.34	--	421.82
1992:													
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	688.28	429.64	535.51	442.36	600.00	429.21	542.60	457.81	797.02	432.23	--	415.87
3d qtr.	474.87	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	636.46	537.33	720.38	570.14	647.11	565.45	--	521.28
1992 avg.	477.86	642.14	461.40	606.29	476.90	621.57	458.04	609.21	481.84	670.94	473.62	--	457.93
1993:													
1st qtr.	752.58	638.27	689.72	1,609.16	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	692.84	920.25	984.67	907.64	--	1,038.81
3d qtr.													
4th qtr.													
1993 avg.													
TO PEOPLE'S REPUBLIC OF CHINA													
1982	368.44	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	292.80	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	460.62	463.97	418.96	446.26	537.31	561.45	372.02	2,441.86	460.00
1991	445.64	463.14	341.22	342.54	431.75	445.17	359.27	383.70	469.87	491.77	294.16	--	129.57
1992:													
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	460.51	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	761.51	669.57	683.17	698.20	821.36	655.25	626.69	723.72	697.60	786.32	--	789.81
2d qtr.	865.81	921.19	824.15	836.26	907.68	951.35	879.42	937.94	791.79	892.84	635.78	--	665.62
3d qtr.													
4th qtr.													
1993 avg.													

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	3,643	312.38	300	1,026.67	29,576	342.47
1984	47,115	361.39	16,339	345.49	1,784	861.68	29,012	339.93
1985	62,580	299.68	33,967	284.72	1,272	591.98	27,341	304.60
1986	26,211	319.41	4,147	264.77	354	774.01	21,710	322.39
1987	32,132	395.40	14,942	452.82	0	--	17,190	345.49
1988	90,785	440.32	26,850	509.87	156	2,147.44	63,779	406.86
1989	73,730	607.95	21,140	643.33	1	2,000.00	52,589	594.70
1990	108,287	520.00	25,287	549.22	41	3,073.17	82,959	509.83
1991	76,808	455.62	24,687	503.87	21	1,476.19	52,100	432.34
1992	17,651	687.21	5,014	1,050.88	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	1,308.56	2,068	2,146.59	47	5,854.70	2,708	591.62
3d quarter								
4th quarter								
1993 total and average value								
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	1,784	861.68	21,533	360.66
1985	25,243	325.79	3,956	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	70,186	537.54	16,465	590.46	0	--	53,721	521.32
1991	38,188	481.75	15,790	544.46	0	--	22,398	437.54
1992	10,898	792.71	5,014	1,050.88	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								
4th quarter								
1993 total and average value								
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	18,278	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								
4th quarter								
1993 total and average value								

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, 1982-92

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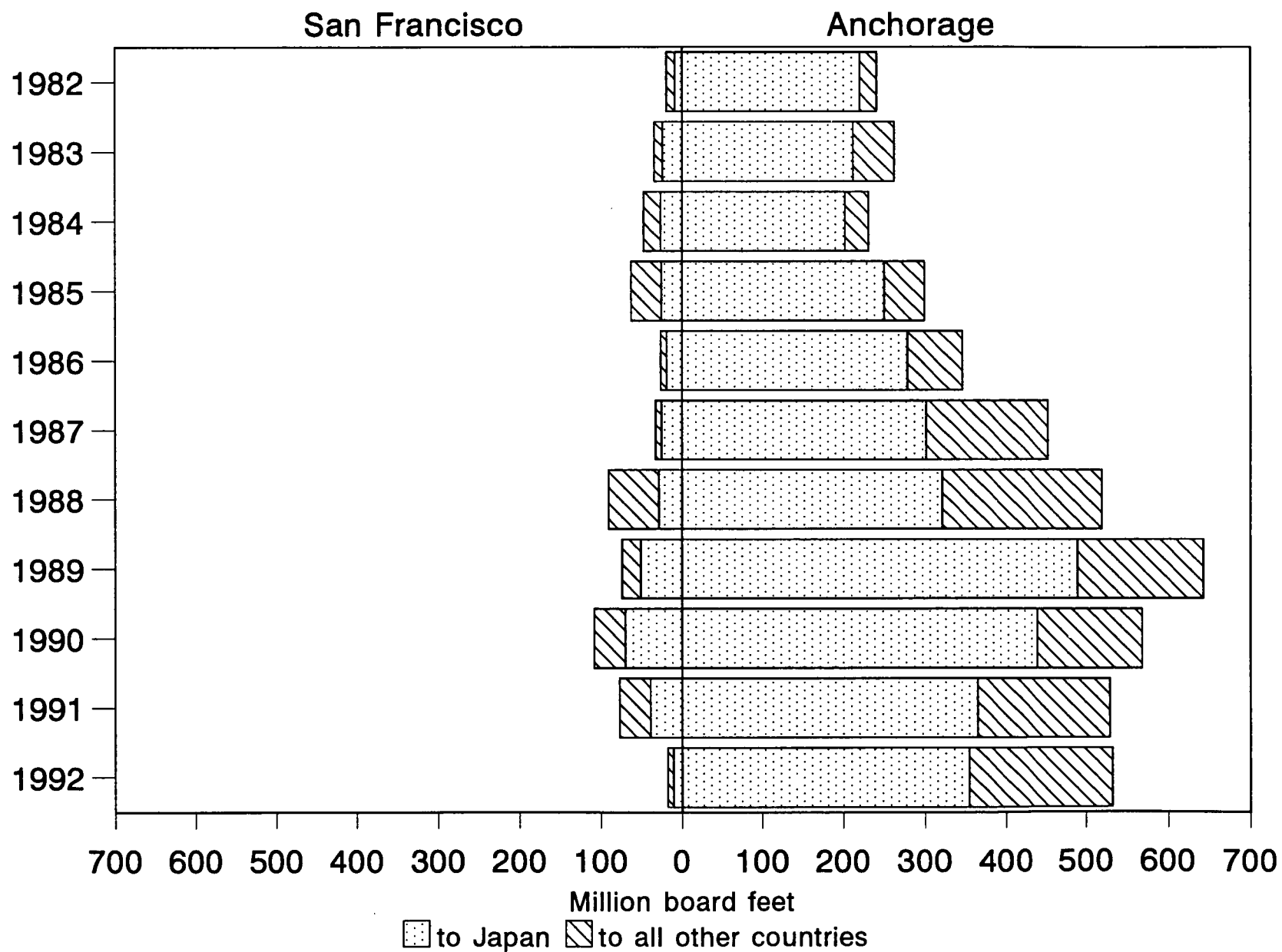


Table 28—Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1982-93

(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								
4th quarter								
1993 total and average value								
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	465.88	228,074	637.74
1990	439,291	632.94	171,198	481.74	28,479	440.68	199,692	782.91
1991	364,987	632.15	137,515	489.62	19,836	447.87	182,066	750.06
1992	354,398	697.71	116,016	559.74	21,936	537.52	174,459	750.71
1993:								
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								
4th quarter								
1993 total and average value								
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								
4th quarter								
1993 total and average value								

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, 1992

(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	181,667	745.24	144,301	792.79	35,146	550.32	2,220	597.57	0	--
Port-Orford-cedar	115	1,744.31	115	1,744.31	0	--	0	--	0	--
Redcedar	19,737	697.01	5,183	1,105.70	0	--	14,555	551.49	0	--
Hemlock	248,382	488.12	95,255	550.41	43,680	452.73	109,446	448.04	0	--
Spruce	6,343	469.75	1,699	679.77	4,318	390.34	326	427.19	0	--
Other softwoods	879	536.49	710	575.49	0	--	168	372.08	0	--
All softwoods	457,123	599.48	247,263	705.02	83,144	494.55	126,715	462.39	0	--
All hardwoods	704	687.60	515	710.28	0	--	190	626.04	0	--
Red alder	239	427.46	185	323.57	0	--	54	786.56	0	--
Anacortes:										
Douglas-fir	33,167	773.63	33,167	773.63	0	--	0	--	0	--
Redcedar	31	857.93	31	857.93	0	--	0	--	0	--
Hemlock	7,428	444.94	4,289	537.90	0	--	1,090	619.13	2,050	157.83
Other softwoods	114	1,967.39	114	1,967.39	0	--	0	--	0	--
All softwoods	40,740	717.10	37,600	750.43	0	--	1,090	619.13	2,050	157.83
Hardwoods	183	634.48	78	268.73	0	--	0	--	105	906.49
Everett:										
Douglas-fir	135,832	775.69	132,437	784.11	2,519	324.49	130	695.09	0	--
Port-Orford-cedar	228	1,542.83	0	--	0	--	228	1,542.83	0	--
Redcedar	4,101	698.58	1,305	701.71	0	--	2,630	698.70	0	--
Hemlock	82,119	532.56	52,321	571.28	2,097	394.11	26,318	478.71	0	--
Spruce	1,171	733.08	822	794.15	0	--	210	531.11	0	--
Other softwoods	6,134	663.84	5,651	689.64	0	--	483	362.15	0	--
All softwoods	229,585	684.90	192,536	722.98	4,616	356.12	30,000	505.53	0	--
All hardwoods	9,187	686.18	5,988	864.57	141	127.15	2,265	350.64	0	--
Red alder	853	365.77	14	906.00	141	127.15	397	356.82	0	--
Port Angeles:										
Douglas-fir	41,428	693.06	39,901	698.35	755	516.49	772	592.47	0	--
Redcedar	1,429	778.45	109	1,128.85	146	438.61	1,173	788.01	0	--
Hemlock	99,577	471.81	23,557	589.41	21,413	363.35	54,607	463.62	0	--
Spruce	8,203	558.82	4,312	645.19	2,902	457.78	989	478.70	0	--
Other softwoods	1,897	590.20	1,797	590.70	0	--	100	581.28	0	--
All softwoods	152,533	540.93	69,676	656.13	25,216	379.23	57,641	472.41	0	--
All hardwoods	1,792	407.99	323	249.86	468	402.29	1,000	459.58	1	2,408.15
Red alder	1,572	412.53	309	245.91	368	510.82	795	483.29	0	--
Seattle:										
Douglas-fir	1,427	677.98	1,140	671.13	0	--	41	1,050.30	95	308.27
Port-Orford-cedar	115	1,625.12	0	--	0	--	0	--	0	--
Redcedar	530	943.31	0	--	0	--	127	947.27	0	--
Hemlock	3,658	649.64	3,399	668.51	0	--	43	375.54	0	--
Spruce	1,149	940.98	137	626.30	0	--	970	986.41	0	--
Other softwoods	3,715	709.45	523	762.95	0	--	2,727	645.54	0	--
All softwoods	10,593	731.32	5,200	677.48	0	--	3,907	741.25	95	308.27
All hardwoods	6,360	2,060.29	1,529	2,282.97	4	2,393.54	2,889	2,188.41	0	--
Red alder	182	1,379.81	31	1,346.50	0	--	0	--	0	--

Table 29—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1992 (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	364,719	773.97	335,367	793.19	28,982	552.04	333	766.52	0	--
Port-Orford-cedar	96	1,528.43	96	1,528.43	0	--	0	--	0	--
Redcedar	2,012	825.45	523	795.05	0	--	1,088	717.84	0	--
Hemlock	113,971	519.60	84,227	532.18	12,286	514.90	17,458	462.21	0	--
Spruce	2,017	552.01	1,860	541.11	94	448.52	0	--	0	--
Other softwoods	11,437	548.76	10,974	546.62	0	--	224	367.54	0	--
All softwoods	494,252	709.55	433,047	735.26	41,362	540.77	19,102	480.96	0	--
All hardwoods	10,061	1,221.19	7,265	1,417.20	0	--	656	530.91	0	--
Red alder	384	547.81	284	626.66	0	--	99	322.13	0	--
Other ports:^a										
Douglas-fir	3,085	355.40	662	475.65	0	--	0	--	2,423	322.54
Redcedar	108	787.02	0	--	0	--	0	--	85	637.17
Hemlock	1,336	373.02	1,306	375.98	0	--	0	--	22	198.06
Spruce	2,175	398.65	2,175	398.65	0	--	0	--	0	--
Other softwoods	2,228	386.33	0	--	0	--	0	--	2,228	386.33
All softwoods	8,932	381.50	4,143	403.81	0	--	0	--	4,759	357.47
All hardwoods	672	914.49	0	--	0	--	0	--	645	845.23
Red alder	8	900.67	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	761,324	761.13	686,975	784.39	67,401	546.93	3,496	621.47	2,518	322.00
Port-Orford-cedar	555	1,599.26	211	1,646.18	0	--	228	1,542.83	0	--
Redcedar	27,948	715.85	7,151	1,008.53	146	438.61	19,573	597.26	85	637.17
Hemlock	556,472	498.42	264,355	552.66	79,477	436.71	208,962	458.03	2,072	158.26
Spruce	21,057	545.33	11,005	595.11	7,314	417.84	2,494	673.70	0	--
Other softwoods	26,403	593.08	19,769	606.46	0	--	3,702	577.57	2,228	386.33
All softwoods	1,393,758	649.22	989,466	718.62	154,338	483.96	238,456	477.01	6,904	297.52
All hardwoods	28,959	1,161.62	15,698	1,237.79	612	350.29	6,999	1,149.08	751	856.10
Red alder	3,237	472.78	824	447.65	509	404.43	1,345	446.15	0	--

^a Bellingham, Blaine, Laurier, Lynden, Oroville, 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, second 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	30,574	1,130.89	24,961	1,179.39	3,478	1,027.90	2,135	731.68	0	—
Redcedar	3,058	675.76	0	—	0	—	3,058	675.76	0	—
Hemlock	59,553	1,045.20	26,301	1,031.51	6,347	910.36	26,905	1,090.40	0	—
Spruce	3,325	779.10	214	963.09	1,956	947.29	1,156	460.51	0	—
Other softwoods	243	697.53	93	1,044.49	0	—	150	481.06	0	—
All softwoods	96,754	1,050.58	51,569	1,102.83	11,781	951.19	33,404	1,004.98	0	—
All hardwoods	189	1,816.25	0	—	0	—	189	1,816.25	0	—
Red alder	91	905.15	0	—	0	—	91	905.15	0	—
Anacortes:										
Douglas-fir	2,088	1,220.62	2,088	1,220.62	0	—	0	—	0	—
Hemlock	114	1,051.89	114	1,051.89	0	—	0	—	0	—
All softwoods	2,202	1,211.87	2,202	1,211.87	0	—	0	—	0	—
Everett:										
Douglas-fir	27,823	1,083.31	24,403	1,122.27	2,092	870.32	1,328	703.03	0	—
Redcedar	1,300	947.28	117	1,574.20	0	—	1,183	885.41	0	—
Hemlock	20,247	925.81	9,666	1,040.42	1,710	720.72	8,871	840.48	0	—
Spruce	329	1,489.00	329	1,489.00	0	—	0	—	0	—
Other softwoods	2,022	632.51	964	819.55	0	—	1,057	461.91	0	—
All softwoods	51,721	1,003.20	35,479	1,096.63	3,803	803.04	12,439	797.90	0	—
All hardwoods	3,860	885.42	1,509	1,584.75	0	—	2,351	436.37	0	—
Red alder	989	470.36	0	—	0	—	989	470.36	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	—
Port Angeles:										
Douglas-fir	8,752	1,179.88	8,217	1,189.06	0	—	535	1,038.98	0	—
Redcedar	647	1,006.12	0	—	0	—	647	1,006.12	0	—
Hemlock	19,680	964.11	5,380	1,077.54	8,526	888.57	5,954	969.80	0	—
Spruce	2,537	1,003.61	1,181	1,020.75	719	911.84	636	1,075.54	0	—
Other softwoods	442	397.96	442	397.96	0	—	0	—	0	—
All softwoods	32,238	1,018.87	15,221	1,113.58	9,245	890.38	7,772	986.24	0	—
All hardwoods	1,086	469.70	278	468.83	528	454.71	274	476.97	7	1,401.28
Red alder	1,021	464.28	257	475.55	528	454.71	236	473.43	0	—
Seattle:										
Douglas-fir	230	498.87	146	475.47	0	—	0	—	0	—
Port-Orford-cedar	13	1,946.39	0	—	0	—	0	—	0	—
Redcedar	77	727.07	0	—	0	—	77	727.07	0	—
Spruce	441	413.93	407	415.30	0	—	34	397.71	0	—
Other softwoods	1,171	962.39	194	543.10	0	—	618	606.56	0	—
All softwoods	1,932	779.41	747	460.24	0	—	729	609.36	0	—
All hardwoods	3,235	2,188.53	1,236	2,196.90	0	—	1,480	2,129.72	0	—
Red alder	35	838.68	0	—	0	—	0	—	0	—

Table 30--Volume and average value of log exports by port, species, and destination, Seattle Customs District, second 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	76,476	1,191.52	72,989	1,204.32	3,474	923.65	0	--	0	--
Redcedar	6	515.08	6	515.08	0	--	0	--	0	--
Hemlock	22,153	909.53	19,862	901.70	260	869.21	2,031	991.19	0	--
Spruce	535	1,167.03	535	1,167.03	0	--	0	--	0	--
Other softwoods	2,508	788.13	2,277	819.72	0	--	69	467.27	0	--
All softwoods	101,679	1,119.96	95,670	1,132.09	3,734	919.86	2,100	973.96	0	--
All hardwoods	4,944	1,404.07	3,508	1,741.20	0	--	0	--	0	--
Red alder	19	1,995.47	0	--	0	--	0	--	0	--
Other ports: ^a										
Douglas-fir	1,628	1,370.45	1,386	1,536.94	0	--	0	--	131	371.34
Redcedar	85	711.14	0	--	0	--	0	--	85	711.14
Hemlock	385	1,041.52	277	1,317.49	0	--	0	--	108	334.71
Other softwoods	825	284.94	0	--	0	--	0	--	825	284.94
All softwoods	2,924	1,001.58	1,663	1,500.38	0	--	0	--	1,149	331.05
All hardwoods	90	492.33	0	--	0	--	0	--	90	492.33
Total:										
Douglas-fir	148,683	1,158.65	135,257	1,185.92	9,044	951.40	3,998	763.29	131	371.34
Port-Orford-cedar	13	1,946.39	0	--	0	--	0	--	0	--
Redcedar	5,173	786.46	123	1,522.76	0	--	4,965	769.55	85	711.14
Hemlock	122,383	987.66	61,669	996.32	16,844	879.44	43,761	1,018.73	108	334.71
Spruce	7,168	897.65	2,666	1,010.92	2,675	937.76	1,826	673.55	0	--
Other softwoods	7,212	688.23	3,972	764.48	0	--	1,894	510.81	825	284.94
All softwoods	290,587	1,061.93	203,687	1,118.21	28,563	907.68	56,445	950.50	1,149	331.05
All hardwoods	13,404	1,368.02	6,532	1,737.17	528	454.71	4,294	1,083.45	97	554.58
Red alder	2,154	505.19	257	475.55	528	454.71	1,315	500.83	0	--

^a Bellingham, Blaine, Lynden, 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, 1992

(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	7,398	753.39	7,221	745.44	0	--	177	1,077.18	0	--
Redcedar	6	1,157.67	0	--	0	--	6	1,157.67	0	--
Hemlock	22,314	527.71	5,301	584.24	0	--	17,013	510.10	0	--
Spruce	121	654.31	51	666.97	0	--	70	645.09	0	--
Other softwoods	2,124	592.18	2,124	592.18	0	--	0	--	0	--
All softwoods	31,963	584.83	14,697	664.88	0	--	17,266	516.69	0	--
Coos Bay:										
Douglas-fir	102,722	777.28	91,009	818.20	11,067	453.03	0	--	0	--
Port-Orford-cedar	8,919	1,953.03	8,919	1,953.03	0	--	0	--	0	--
Hemlock	5,447	488.29	2,463	632.82	2,984	368.98	0	--	0	--
Spruce	162	513.32	162	513.32	0	--	0	--	0	--
Other softwoods	299	1,401.71	251	1,418.43	0	--	0	--	0	--
All softwoods	117,548	854.32	102,804	913.19	14,051	435.18	0	--	0	--
All hardwoods	99	1,101.44	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	257,837	800.55	232,828	822.90	23,664	589.12	980	581.65	364	838.05
Redcedar	433	1,278.63	433	1,278.63	0	--	0	--	0	--
Hemlock	29,228	555.83	21,889	545.54	1,951	425.85	4,945	671.95	442	339.75
Spruce	997	675.93	997	675.93	0	--	0	--	0	--
Other softwoods	9,064	736.16	8,710	755.57	50	444.79	0	--	304	227.32
All softwoods	297,558	774.83	264,858	797.96	25,666	576.42	5,925	657.02	1,109	472.61
All hardwoods	42	1,138.04	38	906.00	0	--	0	--	0	--
Newport:										
Douglas-fir	8,733	700.67	8,612	702.82	0	--	121	547.89	0	--
Hemlock	8,432	463.27	1,617	633.08	0	--	6,815	422.99	0	--
Spruce	345	446.86	234	462.73	0	--	111	413.45	0	--
Other softwoods	443	510.25	443	510.25	0	--	0	--	0	--
All softwoods	17,953	579.60	10,906	679.50	0	--	7,047	424.99	0	--
Portland:										
Douglas-fir	257,852	774.43	248,303	776.80	7,869	696.77	1,220	695.84	459	1,023.61
Port-Orford-cedar	814	1,800.42	223	1,581.62	0	--	0	--	591	1,883.05
Redcedar	170	1,215.60	38	1,469.73	0	--	9	508.83	0	--
Hemlock	51,701	483.74	22,990	551.03	0	--	28,711	429.85	0	--
Spruce	672	499.22	396	555.81	0	--	275	417.76	0	--
Other softwoods	11,598	619.69	11,151	604.01	0	--	40	402.67	238	809.31
All softwoods	322,807	724.56	283,101	752.07	7,869	696.77	30,255	440.45	1,288	1,378.41
All hardwoods	1,213	1,836.20	613	1,714.91	0	--	26	3,707.44	293	1,446.40
Red alder	232	979.45	75	2,310.80	0	--	0	--	157	338.15
Total:										
Douglas-fir	634,542	784.24	587,973	799.99	42,601	573.65	2,498	670.93	823	941.52
Port-Orford-cedar	9,733	1,940.26	9,142	1,943.96	0	--	0	--	591	1,883.05
Redcedar	609	1,259.83	471	1,293.96	0	--	15	759.10	0	--
Hemlock	117,121	508.85	54,260	558.22	4,935	391.46	57,485	473.62	442	339.75
Spruce	2,297	577.20	1,840	608.37	0	--	456	451.47	0	--
Other softwoods	23,528	669.94	22,680	668.31	50	444.79	40	402.67	541	482.95
All softwoods	787,830	753.93	676,366	791.47	47,586	554.62	60,494	481.62	2,397	959.25
All hardwoods	1,355	1,760.59	651	1,668.28	0	--	26	3,707.44	293	1,446.40
Red alder	232	979.45	75	2,310.80	0	--	0	--	157	338.15

Source: U.S. Department of Commerce.

Table 32—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, second 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	175	1,032.57	0	--	0	--	175	1,032.57	0	--
Hemlock	5,966	819.05	0	--	0	--	5,966	819.05	0	--
All softwoods	6,140	825.12	0	--	0	--	6,140	825.12	0	--
Coos Bay:										
Douglas-fir	27,400	1,099.64	22,564	1,175.87	3,660	621.07	0	--	940	1,272.90
Port-Orford-cedar	185	12,849.11	185	12,849.11	0	--	0	--	0	--
Hemlock	5,011	668.02	770	1,164.19	4,241	577.94	0	--	0	--
Spruce	1,437	631.47	0	--	1,437	631.47	0	--	0	--
All softwoods	34,032	1,080.04	23,518	1,267.09	9,338	603.08	0	--	940	1,272.90
All hardwoods	3	1,437.90	0	--	0	--	0	--	3	1,437.90
Longview (Washington):										
Douglas-fir	99,538	1,189.28	92,186	1,200.84	5,961	1,059.59	1,390	978.58	0	--
Port-Orford-cedar	131	1,804.39	131	1,804.39	0	--	0	--	0	--
Hemlock	14,849	891.13	10,668	849.82	701	985.53	3,479	998.80	0	--
Spruce	1,029	1,037.76	1,017	1,038.22	6	993.79	6	1,006.67	0	--
Other softwoods	2,564	728.32	2,120	657.42	150	986.40	293	1,108.84	0	--
All softwoods	118,110	1,141.15	106,123	1,153.88	6,819	1,050.30	5,168	999.61	0	--
All hardwoods	120	468.04	0	--	0	--	120	468.04	0	--
Newport:										
Douglas-fir	2,166	1,265.33	2,166	1,265.33	0	--	0	--	0	--
Hemlock	868	544.97	868	544.97	0	--	0	--	0	--
Spruce	249	751.66	249	751.66	0	--	0	--	0	--
Other softwoods	117	953.70	117	953.70	0	--	0	--	0	--
All softwoods	3,400	1,032.99	3,400	1,032.99	0	--	0	--	0	--
Portland:										
Douglas-fir	38,753	1,123.22	38,752	1,123.18	0	--	0	--	1	2,502.37
Port-Orford-cedar	96	1,899.16	87	1,914.42	0	--	0	--	9	1,759.33
Redcedar	205	507.45	39	507.36	0	--	13	503.22	0	--
Hemlock	5,810	1,077.91	4,114	1,096.73	0	--	1,696	1,032.28	0	--
Spruce	72	398.22	72	398.22	0	--	0	--	0	--
Other softwoods	598	1,255.00	515	1,268.94	0	--	23	465.90	50	1,116.84
All softwoods	45,536	1,116.89	43,579	1,122.23	0	--	1,732	1,020.79	61	1,242.04
All hardwoods	687	2,070.97	181	2,380.74	0	--	41	2,359.50	143	2,473.23
Red alder	130	2,649.88	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	168,032	1,160.24	155,668	1,178.78	9,621	892.77	1,565	984.61	941	1,274.34
Port-Orford-cedar	412	6,769.48	403	6,887.53	0	--	0	--	9	1,759.33
Redcedar	205	507.45	39	507.36	0	--	13	503.22	0	--
Hemlock	32,504	867.65	16,421	910.30	4,942	635.75	11,141	907.65	0	--
Spruce	2,787	786.17	1,338	950.28	1,443	633.08	6	1,006.67	0	--
Other softwoods	3,279	832.47	2,752	784.41	150	986.40	316	1,061.73	50	1,116.84
All softwoods	207,219	1,114.64	176,621	1,158.82	16,157	791.83	13,041	920.27	1,001	1,271.02
All hardwoods	809	1,831.79	181	2,380.74	0	--	161	1,318.60	145	2,454.38
Red alder	130	2,649.88	0	--	0	--	0	--	0	--

Source: U.S. Department of Commerce.

**Table 33—Volume and average value of log exports by port, species, and destination,
San Francisco Customs District, 1992**

(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:										
Other softwoods	92	405.20	0	--	0	--	0	--	0	--
Oakland:										
Redcedar	104	794.67	11	2,132.88	0	--	63	709.59	0	--
Hemlock	12	1,319.04	12	1,319.04	0	--	0	--	0	--
Other softwoods	6,586	528.00	18	4,630.82	0	--	129	635.21	351	466.99
All softwoods	6,702	533.61	41	2,989.09	0	--	192	659.69	351	466.99
Hardwoods	3,082	2,226.29	1,401	2,441.68	0	--	227	1,907.88	124	1,424.84
Richmond:										
Douglas-fir	279	957.65	279	957.65	0	--	0	--	0	--
Other softwoods	996	679.00	996	679.00	0	--	0	--	0	--
All softwoods	1,274	739.96	1,274	739.96	0	--	0	--	0	--
Sacramento:										
Douglas-fir	3,638	902.32	3,638	902.32	0	--	0	--	0	--
Other softwoods	4,836	529.44	4,836	529.44	0	--	0	--	0	--
All softwoods	8,474	689.50	8,474	689.50	0	--	0	--	0	--
San Francisco:										
Douglas-fir	1,098	1,566.78	1,098	1,566.78	0	--	0	--	0	--
Other softwoods	10	1,021.66	10	1,021.66	0	--	0	--	0	--
All softwoods	1,108	1,561.68	1,108	1,561.68	0	--	0	--	0	--
Hardwoods	17	971.94	17	971.94	0	--	0	--	0	--
Total:										
Douglas-fir	5,014	1,050.86	5,014	1,050.86	0	--	0	--	0	--
Redcedar	104	794.67	11	2,132.88	0	--	63	709.59	0	--
Hemlock	12	1,319.04	12	1,319.04	0	--	0	--	0	--
Other softwoods	12,520	540.07	5,860	568.38	0	--	129	635.21	351	466.99
All softwoods	17,651	687.23	10,898	792.76	0	--	192	659.69	351	466.99
Hardwoods	3,099	2,219.23	1,418	2,423.61	0	--	227	1,907.88	124	1,424.84

Source: U.S. Department of Commerce.

**Table 34--Volume and average value of log exports by port, species, and destination,
San Francisco Customs District, second 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
Eureka:										
Douglas-fir	2,068	2,146.60	2,068	2,146.60	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	2,480	1,980.75	2,480	1,980.75	0	--	0	--	0	--
Oakland:										
Port-Orford-cedar	11	1,742.31	0	--	0	--	0	--	11	1,742.31
Other softwoods	2,357	674.09	212	1,392.14	15	1,679.33	0	--	0	--
All softwoods	2,368	679.27	212	1,392.14	15	1,679.33	0	--	11	1,742.31
All hardwoods	1,330	2,520.74	696	2,494.93	0	--	234	2,275.63	116	2,184.77
San Francisco:										
All hardwoods	79	1,355.18	79	1,355.18	0	--	0	--	0	--
Total:										
Douglas-fir	2,068	2,146.60	2,068	2,146.60	0	--	0	--	0	--
Port-Orford-cedar	47	5,854.81	35	7,191.38	0	--	0	--	11	1,742.31
Hemlock	79	815.40	79	815.40	0	--	0	--	0	--
Other softwoods	2,653	656.34	508	880.77	15	1,679.33	0	--	0	--
All softwoods	4,848	1,344.94	2,692	1,934.41	15	1,679.33	0	--	11	1,742.31
All hardwoods	1,409	2,455.73	774	2,379.27	0	--	234	2,275.63	116	2,184.77

Source: U.S. Department of Commerce.

Table 35—Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1992

(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:										
Redcedar	621	430.76	0	--	0	--	0	--	621	430.76
Hemlock	29,108	532.28	15,288	619.96	1,183	363.35	8,925	642.00	0	--
Spruce	90,084	696.15	48,173	709.50	30,917	615.43	5,416	878.94	0	--
Other softwoods	1,148	697.31	1,148	359.37	0	--	0	--	0	--
All softwoods	120,961	655.37	64,609	682.09	32,100	606.13	14,341	731.48	621	430.76
Hardwoods	77	2,668.53	0	--	0	--	77	2,668.53	0	--
Dalton Cache:										
Hemlock	1,086	320.88	1,086	320.88	0	--	0	--	0	--
Spruce	5,015	488.73	5,015	488.73	0	--	0	--	0	--
All softwoods	6,101	458.85	6,101	458.85	0	--	0	--	0	--
Juneau:										
Hemlock	41,443	392.92	10,648	587.48	0	--	28,947	327.42	0	--
Spruce	23,662	592.42	20,913	617.00	0	--	2,533	380.90	0	--
Other softwoods	501	1,168.94	501	1,168.94	0	--	0	--	0	--
All softwoods	65,605	470.80	32,062	615.81	0	--	31,480	331.73	0	--
Ketchikan:										
Redcedar	46,490	518.08	21,602	536.56	0	--	11,363	474.87	3,419	490.14
Hemlock	140,662	460.83	88,609	549.69	1,561	317.09	46,796	299.41	0	--
Spruce	102,558	804.06	96,412	823.45	0	--	3,791	296.68	0	--
Other softwoods	42,422	937.87	37,810	970.14	0	--	0	--	430	227.48
All softwoods	332,132	635.76	244,433	721.55	1,561	317.09	61,951	331.43	3,849	460.77
Hardwoods	7	1,169.16	0	--	0	--	0	--	7	1,169.16
Sand Point:										
Spruce	893	415.24	893	415.24	0	--	0	--	0	--
Skagway:										
Spruce	2,602	554.19	2,602	554.19	0	--	0	--	0	--
Wrangell:										
Redcedar	334	600.07	334	600.07	0	--	0	--	0	--
Hemlock	385	388.56	385	388.56	0	--	0	--	0	--
Spruce	451	512.56	451	512.56	0	--	0	--	0	--
Other softwoods	2,529	747.92	2,529	747.92	0	--	0	--	0	--
All softwoods	3,699	668.43	3,699	668.43	0	--	0	--	0	--
Total:										
Redcedar	47,444	517.51	21,936	537.53	0	--	11,363	474.87	4,040	481.02
Hemlock	212,684	456.53	116,016	559.74	2,745	337.03	84,669	345.10	0	--
Spruce	225,266	726.64	174,459	750.71	30,917	615.43	11,739	583.47	0	--
Other softwoods	46,599	924.12	41,987	942.42	0	--	0	--	430	227.48
All softwoods	531,993	617.30	354,398	697.71	33,661	592.73	107,772	384.75	4,470	456.60
Hardwoods	84	2,542.27	0	--	0	--	77	2,668.53	7	1,169.16

Source: U.S. Department of Commerce.

**Table 36—Volume and average value of log exports by port, species, and destination,
Anchorage Customs District, second 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:										
Douglas-fir	204	475.98	204	475.98	0	--	0	--	0	--
Hemlock	17,865	681.97	9,535	874.21	0	--	8,330	461.91	0	--
Spruce	38,153	916.58	21,718	946.45	11,398	906.45	5,036	810.70	0	--
All softwoods	56,221	840.43	31,457	921.50	11,398	906.45	13,366	593.34	0	--
Juneau:										
Redcedar	1,205	317.84	0	--	0	--	0	--	1,205	317.84
Hemlock	21,841	704.02	6,762	885.14	0	--	12,151	622.77	0	--
Spruce	9,791	1,031.22	9,540	1,045.74	0	--	172	354.25	0	--
Other softwoods	109	466.71	0	--	0	--	0	--	109	466.71
All softwoods	32,946	786.34	16,301	979.12	0	--	12,324	619.02	1,314	330.17
Ketchikan:										
Douglas-fir	37	475.27	37	475.27	0	--	0	--	0	--
Redcedar	23,250	764.52	7,310	729.17	0	--	10,481	700.72	0	--
Hemlock	38,604	669.19	24,343	771.00	0	--	13,649	492.72	0	--
Spruce	18,380	1,177.05	14,498	1,369.19	0	--	3,223	350.53	0	--
Other softwoods	11,667	1,148.76	8,804	1,257.63	0	--	787	543.35	0	--
All softwoods	91,939	855.61	54,993	1,000.85	0	--	28,140	555.33	0	--
Skagway:										
Spruce	4,490	551.07	4,490	551.07	0	--	0	--	0	--
Wrangell:										
Other softwoods	618	2,040.77	618	2,040.77	0	--	0	--	0	--
Total:										
Douglas-fir	241	475.87	241	475.87	0	--	0	--	0	--
Redcedar	24,455	742.51	7,310	729.17	0	--	10,481	700.72	1,205	317.84
Hemlock	78,309	681.82	40,640	814.21	0	--	34,130	531.50	0	--
Spruce	70,814	976.86	50,246	1,051.94	11,398	906.45	8,431	625.49	0	--
Other softwoods	12,394	1,187.23	9,422	1,308.97	0	--	787	543.35	109	466.71
All softwoods	186,214	835.36	107,859	961.66	11,398	906.45	53,830	579.35	1,314	330.17

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	649.14	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	774.94	2,121	683.11	82	552.67	2,172	836.66
1988	32,102	657.72	2,900	674.14	469	543.71	1,668	820.14
1989	38,719	833.74	4,800	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	365.09	6,005	979.35	0	--	4,932	1,607.66
1992:								
1st quarter	10,673	1,191.79	476	1,348.74	0	--	641	2,248.05
2d quarter	7,621	1,330.65	334	2,583.83	0	--	1,189	1,620.88
3d quarter	3,798	897.31	213	1,070.42	77	2,662.34	351	2,720.80
4th quarter	4,684	1,286.51	331	1,966.77	0	--	819	2,521.22
1992 total	26,875	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								
4th quarter								
1993 total								
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	995	1,002.01	39	2,435.90	0	--	88	2,368.36
4th quarter	3,017	1,294.33	194	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	5,619	1,811.35	142	2,367.32	0	--	849	1,998.82
2d quarter	6,511	1,741.51	181	2,375.69	0	--	774	2,379.65
3d quarter								
4th quarter								
1993 total								
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								
4th quarter								
1993 total								

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								
4th quarter								
1993 total								

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								
4th quarter								
1993 total								

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						
4th quarter						
1993 total and average value						

^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		
4th quarter		
1993 total and average value		

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				
4th quarter				
1993 total and average value				

^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	271.8
1984	107.2	349.1	24.6	97.0	177.4	34.2	14.9	315.9
1985	108.1	359.4	15.6	80.2	192.7	6.9	14.9	279.5
1986	152.7	468.5	6.4	79.6	220.7	7.5	3.1	349.6
1987	147.6	480.2	10.8	94.1	253.1	26.7	2.7	324.8
1988	199.1	508.8	14.6	100.5	275.4	30.6	1.4	366.0
1989	166.4	635.8	1.4	136.0	280.7	22.0	.9	372.7
1990	136.9	409.9	.3	131.8	274.7	43.8	.4	356.4
1991	120.6	424.9	4.3	174.5	276.3	17.1	10.2	353.9
1992:								
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	66.1	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								
4th quarter								
1993 total								
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	58.4	92.5	18.6	.4	154.2
1991	46.7	103.6	.5	55.4	100.1	8.3	8.9	144.2
1992:								
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								
4th quarter								
1993 total								

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	27.8
1983	17.9	42.2	0.0	1.2	2.6	0.0	.7	21.8
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	9.4	0.0	58.3
1990	9.0	110.0	0.0	15.8	0.0	13.2	0.0	72.9
1991	3.3	122.1	0.0	16.1	0.0	4.2	0.0	61.4
1992:								
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	26.4	0.0	.4	0.0	0.0	0.0	2.3
3d quarter								
4th quarter								
1993 total								
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	90.6
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	6.6	0.0	0.0	17.7
4th quarter	9.8	6.7	0.0	8.1	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	6.8	4.1	0.0	4.7	.5	0.0	0.0	1.7
3d quarter								
4th quarter								
1993 total								

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	282.89	527.93	337.97
1984	523.76	372.82	429.85	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	488.77	301.87	459.90	329.90	392.53	359.42	328.19	378.18
1987	525.85	409.04	529.85	434.83	489.22	481.89	456.14	503.33
1988	551.84	459.21	640.72	522.56	605.36	516.46	574.69	603.67
1989	606.47	460.30	485.10	597.16	732.16	631.30	501.55	681.14
1990	691.59	503.68	797.78	573.57	624.88	458.11	785.00	581.84
1991	737.85	425.42	629.54	448.73	557.12	410.41	768.86	443.70
1992:								
1st quarter	646.53	405.42	719.96	374.70	527.46	418.06	735.61	408.49
2d quarter	655.00	396.00	451.67	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	381.34	720.02	375.10	543.08	396.62	490.20	335.59
2d quarter	710.89	364.98	694.20	326.17	525.67	388.65	454.55	345.26
3d quarter								
4th quarter								
1993 average								
TO JAPAN								
1982	616.97	409.90	443.03	428.79	537.68	350.38	510.94	383.73
1983	569.44	365.81	429.94	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	378.87	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	581.80	960.00	537.55	671.57	490.81	801.62	598.37
1991	786.10	481.83	859.49	444.95	614.33	459.76	761.80	452.87
1992:								
1st quarter	720.84	440.21	—	345.80	577.97	418.06	735.61	400.28
2d quarter	726.58	455.95	—	331.22	587.83	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	611.67	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	369.84	580.20	388.65	454.55	348.66
3d quarter								
4th quarter								
1993 average								

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	--	--	358.89
1983	401.13	303.74	--	311.49	556.73	--	596.97	344.53
1984	348.42	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	--	482.12	--	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	331.86	--	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								
4th quarter								
1993 average								
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	358.46	773.56	715.89
1990	626.75	614.01	808.00	639.75	671.18	246.92	453.72	627.00
1991	708.69	451.65	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								
4th quarter								
1993 average								

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								
4th quarter								
1993 total and average								

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)

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

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	306,901	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	552,677	152,294	223,292	177,091	469,378	360,685	72,117	36,576
1984	949,509	496,419	257,628	195,462	423,477	121,404	161,660	140,413	526,032	375,015	95,968	55,049
1985	905,936	426,536	302,144	177,256	424,322	105,742	184,465	134,115	481,614	320,794	117,679	43,141
1986	1,151,529	464,348	452,610	234,571	747,311	193,338	355,484	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	482,916	162,347	145,330
1989	1,944,049	946,438	536,438	461,071	1,002,337	348,094	366,319	287,923	941,712	598,447	170,119	173,148
1990	1,579,283	742,779	402,129	434,375	886,188	300,135	292,547	293,507	693,095	442,644	109,582	140,868
1991	1,430,084	725,621	370,899	333,574	760,651	271,001	253,770	235,880	669,443	454,620	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	15,653	14,247
4th qtr.	307,128	168,597	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.												
4th qtr.												
1993 total												
TO JAPAN												
1982	414,221	94,161	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983	448,042	113,869	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	246,218	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	691,884	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.	181,446	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	84,906	61,552	14,541	8,813
4th qtr.	196,180	97,259	65,651	33,270	117,371	41,900	51,822	23,649	78,809	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	38,756	107,393	36,643	45,183	25,567	103,498	71,876	18,433	13,189
2d qtr.	199,776	97,037	56,066	46,673	115,318	39,878	40,884	34,556	84,458	57,159	15,182	12,117
3d qtr.												
4th qtr.												
1993 total												

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	56,795	109,979	45,625	7,559	56,795	0	0	0	0
1985	118,951	52,845	6,127	59,979	118,936	52,830	6,127	59,979	15	15	0	0
1986	151,009	59,174	9,948	81,887	151,009	59,174	9,948	81,887	0	0	0	0
1987	153,809	55,492	11,112	87,205	153,809	55,492	11,112	87,205	0	0	0	0
1988	196,084	86,295	19,800	89,989	196,084	86,295	19,800	89,989	0	0	0	0
1989	210,978	102,218	18,073	90,686	210,978	102,218	18,073	90,686	0	0	0	0
1990	207,397	110,752	16,086	80,559	207,397	110,752	16,086	80,559	0	0	0	0
1991	149,900	91,000	9,041	49,859	149,900	91,000	9,041	49,859	0	0	0	0
1992:												
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	1,364	11,275	28,162	15,523	1,364	11,275	0	0	0	0
3d qtr.												
4th qtr.												
1993 total												
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	43,564	34,208	6	9,350	0	0	0	0	43,564	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	8,634	0	433	631	198	0	433	8,636	8,636	0	0
1988	4,941	0	118	4,823	118	0	118	0	4,823	0	0	4,823
1989	9,690	64	313	9,313	555	10	217	328	9,135	54	97	8,985
1990	4,580	0	162	4,418	363	0	162	201	4,217	0	0	4,217
1991	226	0	0	226	226	0	0	226	0	0	0	0
1992:												
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.												
4th qtr.												
1993 total												

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

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

Figure 4--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1982-92

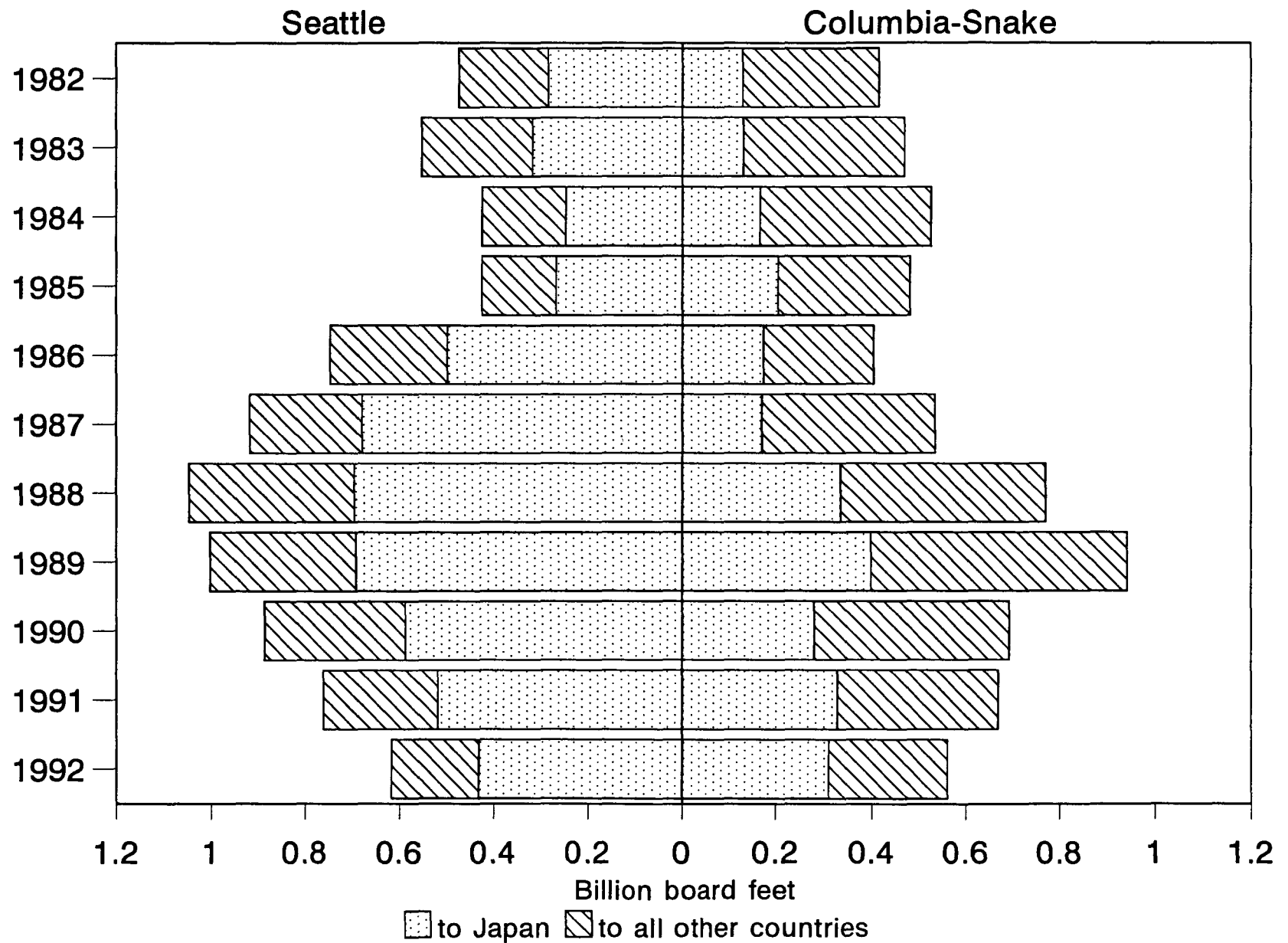


Table 49—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1982-93^a

(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	142,368	36,056	69,144	37,166	180,696	139,156	20,367	21,173
1983	363,007	206,037	90,489	66,481	168,499	45,242	70,845	50,411	196,509	160,795	19,644	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	158,986	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	560,924	265,942	195,170	99,812	317,034	86,862	157,523	72,649	243,890	179,080	37,647	27,163
1988	697,515	349,275	208,887	139,353	362,334	119,847	148,273	94,113	335,180	229,327	60,613	45,240
1989	875,758	465,909	220,835	189,015	399,183	133,667	147,991	117,525	476,575	332,241	72,844	71,490
1990	768,650	409,866	170,927	187,857	376,309	130,918	121,773	123,618	392,341	278,948	49,154	64,239
1991	726,343	412,591	159,009	154,743	341,766	128,028	107,631	106,107	384,577	284,563	51,378	48,636
1992:												
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	10,195
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	398,453	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	28,166	30,193	108,380	86,908	9,070	12,402
3d qtr.												
4th qtr.												
1993 total												
TO JAPAN												
1982	129,281	29,748	77,542	21,980	81,284	11,752	55,660	13,872	46,997	17,996	21,882	8,119
1983	137,571	33,469	77,244	26,858	98,180	16,073	59,386	22,721	39,391	17,395	17,858	4,137
1984	123,595	30,899	64,837	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	31,886
1990	382,963	126,576	156,635	99,751	250,943	69,069	109,698	72,176	132,020	57,507	46,937	27,575
1991	385,925	142,635	147,131	96,159	229,958	68,819	97,849	63,290	155,967	73,816	49,282	32,869
1992:												
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	192,118	110,223	75,224	210,113	80,231	78,756	51,126	167,452	111,887	31,467	24,098
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.												
4th qtr.												
1993 total												

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	31,857	15,738	2,098	13,821	31,857	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	6,931	26,072	63,557	30,555	6,931	26,072	--	--	--	--
1989	76,948	39,814	6,507	30,627	76,948	39,814	6,507	30,627	--	--	--	--
1990	78,744	41,888	6,909	29,947	78,744	41,888	6,909	29,947	--	--	--	--
1991	66,430	43,723	3,730	18,977	66,430	43,723	3,730	18,977	--	--	--	--
1992:												
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	2,293	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.												
4th qtr.												
1993 total												
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.												
1993 total												

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	291.66	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	418.68	445.80	272.89	478.61
1984	348.57	384.22	287.76	338.19	314.01	322.95	304.50	317.24	378.39	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	375.97
1986	359.46	412.71	316.20	337.53	329.03	348.17	320.86	325.01	415.74	458.75	299.18	406.41
1987	386.08	446.59	344.17	343.82	345.31	370.78	343.77	321.98	456.08	495.78	345.85	420.01
1988	383.85	440.63	355.20	319.32	346.21	363.75	348.28	323.32	434.96	495.40	373.35	311.29
1989	429.87	448.10	411.67	409.95	364.37	302.90	403.99	408.18	506.07	555.17	428.19	412.88
1990	486.71	551.80	425.06	432.48	424.64	436.20	416.25	421.18	566.07	630.19	448.56	456.02
1991	507.90	568.60	428.71	463.98	449.31	472.43	424.13	449.84	574.47	625.94	438.65	497.84
1992:												
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	660.47	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	664.49	523.94	617.75
2d qtr.	670.61	730.02	565.45	621.90	606.84	660.17	571.68	579.34	740.67	766.59	546.95	757.33
3d qtr.												
4th qtr.												
1993 average												
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	352.98	377.15	342.34	363.69	363.38	369.64	344.84	399.53
1988	341.44	318.30	355.78	337.06	338.07	323.32	348.29	329.50	348.45	311.14	373.90	355.69
1989	381.14	322.46	413.36	433.71	349.60	249.85	407.32	419.66	443.32	451.02	425.86	465.15
1990	441.33	445.24	423.79	466.47	427.23	439.38	414.21	436.55	470.88	452.49	448.00	568.44
1991	456.49	457.60	430.77	500.40	444.07	453.40	426.52	463.18	476.12	461.59	439.47	592.02
1992:												
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	512.87	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.												
4th qtr.												
1993 average												

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.												
4th qtr.												
1993 average												
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	386.69	439.39	--	362.59	295.04	295.04	--	--
1988	394.66	--	347.46	395.81	347.46	--	347.46	--	395.81	--	--	395.81
1989	408.67	390.63	562.30	403.63	432.43	400.00	354.84	484.76	407.23	388.89	1,020.62	400.67
1990	422.71	--	370.37	424.63	330.58	--	370.37	298.51	430.64	--	--	430.64
1991	508.85	--	--	508.85	508.85	--	--	508.85	--	--	--	--
1992:												
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.												
1993 average												

^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	134,934	70.60	2,603	329.24	132,331	65.51
1984	78,630	244.78	2,979	277.61	75,651	243.49
1985	95,765	284.83	2,067	340.59	93,698	283.59
1986	118,473	254.78	2,523	332.94	115,950	253.08
1987	152,754	240.57	1,148	286.59	151,606	240.23
1988	260,543	242.85	2,635	331.69	257,908	241.94
1989	250,680	366.26	4,251	368.38	246,429	366.22
1990	335,646	320.29	17,056	327.16	318,590	319.92
1991	478,096	267.15	29,197	317.60	448,899	263.87
1992:						
1st quarter	54,057	685.35	8,300	330.72	45,757	749.68
2d quarter	51,612	703.42	10,476	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						
4th quarter						
1993 total and average value						
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	509.76	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	10,361	409.81	1,050	318.10	9,311	420.15
1990	11,765	423.88	725	384.83	11,040	426.45
1991	8,864	442.37	113	566.37	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	4,501	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						
4th quarter						
1993 total and average value						

^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	5,619	333.87	19,078	488.21
1984	23,213	495.46	10,260	459.45	617	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	576.78	12,017	635.60	56,822	396.62
1990	74,568	550.02	7,268	595.21	11,977	672.96	55,323	517.47
1991	110,961	434.23	10,241	529.15	18,611	556.02	82,109	394.78
1992	83,538	493.81	8,334	661.27	14,281	506.06	60,923	468.03
1993:								
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	464.70	10,367	724.99
3d quarter								
4th quarter								
1993 total and average value								
TO JAPAN								
1982	38,213	357.18	7,285	388.06	6,581	318.19	24,347	358.44
1983	22,157	373.93	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	339.69	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								
4th quarter								
1993 total and average value								
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								
4th quarter								
1993 total and average value								

^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, 1982-92

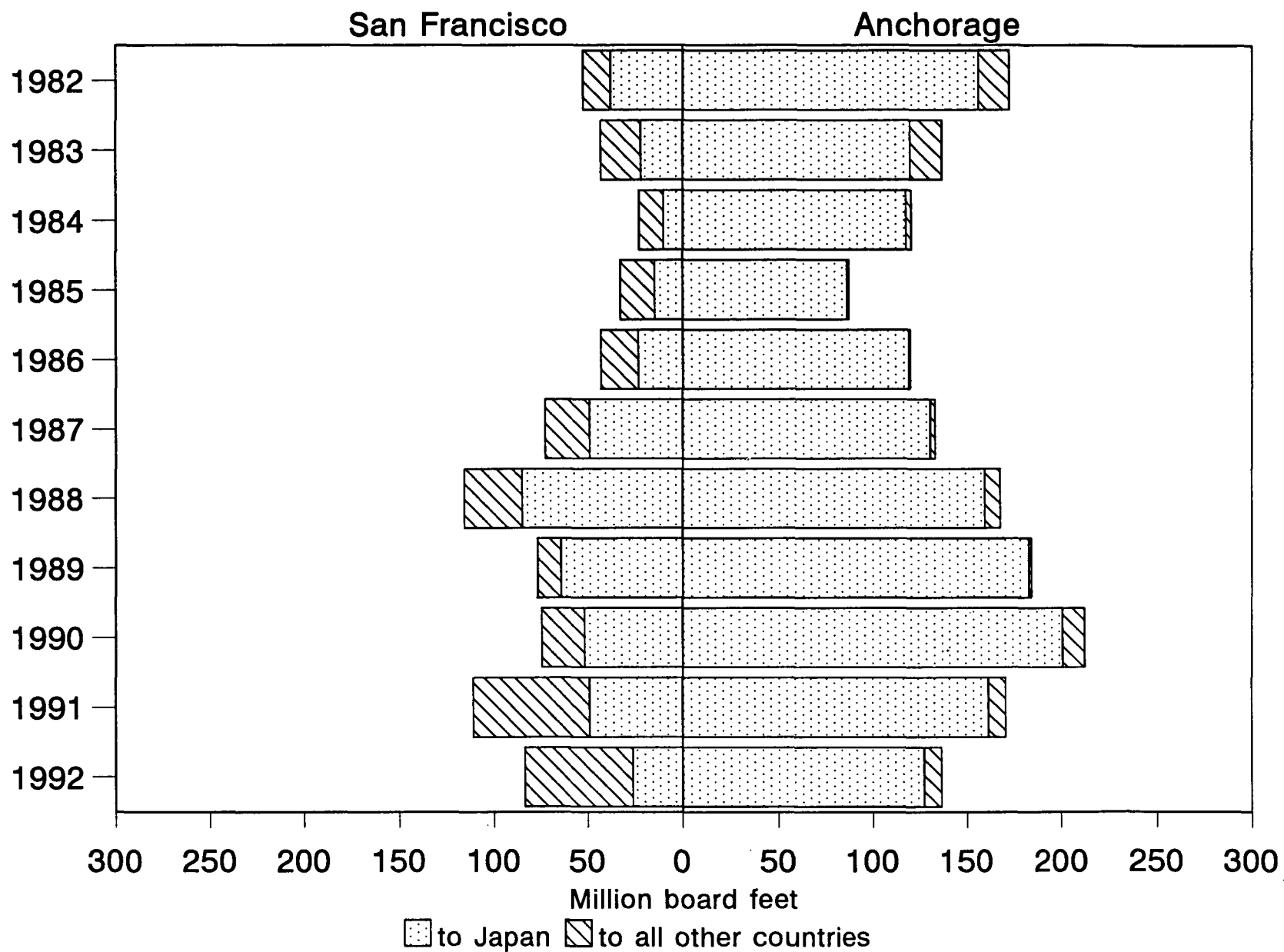


Table 53--Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1982-93

(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	136,680	330.05	70,791	258.23	64,193	414.20	0	--	1,676	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	381.76	0	--	0	--
1986	119,981	274.28	72,894	233.89	43,162	338.75	918	343.14	3,007	308.62
1987	133,144	292.11	80,253	241.19	49,085	374.07	10	300.00	3,798	309.01
1988	167,453	359.27	96,781	296.81	64,645	456.24	113	300.89	3,714	329.29
1989	183,760	360.04	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	384.84	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	42,480	448.32	26,489	418.33	12,628	503.72	59	355.93	314	783.44
2d quarter	43,959	520.04	26,561	429.01	17,112	667.24	0	--	285	330.06
3d quarter										
4th quarter										
1993 total and average value										
TO JAPAN										
1982	155,826	338.04	71,192	282.34	83,966	384.82	0	--	668	383.23
1983	118,662	319.78	64,250	249.14	53,814	407.20	0	--	1,588	215.89
1984	117,425	280.16	72,605	196.57	44,620	418.58	0	--	0	--
1985	85,981	265.77	58,280	220.14	27,701	381.76	0	--	0	--
1986	118,942	273.53	72,894	233.89	43,141	338.31	0	--	2,907	308.16
1987	130,678	289.57	79,318	240.94	47,919	369.14	0	--	3,441	302.24
1988	159,804	353.17	96,888	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	161,849	415.65	90,749	370.90	68,072	480.02	2,863	384.91	1,965	362.34
1992	127,540	456.05	78,222	397.54	46,372	564.05	575	396.52	2,373	287.22
1993:										
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										
4th quarter										
1993 total and average value										
TO SOUTH KOREA										
1982	2,987	495.48	1,001	494.51	993	495.47	0	--	993	496.48
1983	4,629	566.90	101	316.83	4,528	584.97	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	3,381	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	3,765	1,030.81	1,255	461.36	2,510	1,315.54	0	--	0	--
3d quarter										
4th quarter										
1993 total and average value										

Source: U.S. Department of Commerce.

Table 54—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1992

(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	3,243	548.39	3,243	548.39	0	--	0	--	0	--
Cedars	525	213.63	52	1,335.22	0	--	473	90.02	0	--
Hemlock	24,480	330.10	18,264	378.07	0	--	6,216	189.14	0	--
Spruce	556	368.33	556	368.33	0	--	0	--	0	--
Other softwoods	7,388	452.01	7,358	451.81	0	--	0	--	30	501.38
All softwoods	36,192	373.44	29,473	416.73	0	--	6,689	182.13	30	501.38
Red alder	7,536	942.94	7,536	942.94	0	--	0	--	0	--
All hardwoods	9,469	1,018.61	9,469	1,018.61	0	--	0	--	0	--
Anacortes:										
Other firs	174	323.35	0	--	0	--	0	--	174	323.35
Everett:										
Douglas-fir	1,808	249.92	1,808	249.92	0	--	0	--	0	--
Hemlock	1,364	280.50	1,364	280.50	0	--	0	--	0	--
All softwoods	3,172	263.07	3,172	263.07	0	--	0	--	0	--
All hardwoods	10	1,180.00	0	--	0	--	10	1,180.00	0	--
Port Angeles:										
Douglas-fir	502	476.81	0	--	0	--	0	--	502	476.81
Other firs	109	552.75	0	--	0	--	0	--	109	552.75
Cedars	3	1,718.47	0	--	0	--	0	--	3	1,718.47
Other softwoods	37	261.24	0	--	0	--	0	--	37	261.24
All softwoods	651	482.06	0	--	0	--	0	--	651	482.06
All hardwoods	20	2,893.11	0	--	0	--	0	--	20	2,893.11
Seattle:										
Douglas-fir	61,482	538.08	55,317	530.05	290	370.59	1,956	472.42	0	--
Other firs	12,551	494.70	11,706	504.51	0	--	0	--	0	--
Cedars	15,413	769.19	13,978	729.48	0	--	537	812.44	0	--
Hemlock	67,896	443.48	62,464	447.92	0	--	393	522.12	0	--
Spruce	6,332	512.43	3,580	485.37	0	--	2,646	547.87	0	--
Pines	11,565	598.61	10,184	621.45	0	--	191	603.34	0	--
Redwood	1,252	671.02	818	554.23	0	--	149	804.02	0	--
Other softwoods	33,603	557.06	19,534	425.28	0	--	2,422	901.62	0	--
All softwoods	210,094	528.26	177,582	508.10	290	370.59	8,294	655.17	0	--
Red alder	26,915	1,151.15	6,208	1,105.78	17	279.34	518	541.99	0	--
All hardwoods	55,359	1,203.52	24,331	1,268.00	333	634.60	6,749	1,067.29	8	1,932.58
Tacoma:^a										
Douglas-fir	96,119	530.64	91,872	523.88	0	--	0	--	0	--
Other firs	12,461	584.65	12,239	589.51	0	--	0	--	0	--
Cedars	2,075	812.76	1,503	874.58	0	--	0	--	0	--
Hemlock	102,260	420.35	100,346	423.10	0	--	18	1,069.30	0	--
Spruce	5,835	429.76	5,835	429.76	0	--	0	--	0	--
Pines	12,411	650.38	12,001	655.23	0	--	53	1,534.08	0	--
Redwood	194	867.91	156	1,013.23	0	--	0	--	0	--
Other softwoods	56,675	388.05	54,773	395.60	0	--	0	--	0	--
All softwoods	288,030	471.12	278,724	471.12	0	--	71	1,414.40	0	--
Red alder	9,138	799.52	5,054	989.15	0	--	113	594.35	0	--
All hardwoods	13,556	924.28	7,370	1,071.35	0	--	687	1,070.65	0	--

Table 54--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1992 (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: ^b										
Douglas-fir	81,310	527.31	1,369	402.19	0	--	0	--	72,450	518.07
Other firs	12,514	354.23	48	332.80	0	--	0	--	9,924	358.75
Cedars	13,483	451.90	107	842.15	0	--	0	--	12,725	441.34
Hemlock	13,446	409.02	3,076	335.59	0	--	0	--	6,667	438.41
Spruce	477	333.15	0	--	0	--	0	--	477	333.15
Pines	11,099	509.47	5	2,510.18	0	--	0	--	10,394	511.65
Redwood	494	598.17	33	800.16	0	--	0	--	435	579.61
Other softwoods	24,885	369.51	15	644.80	0	--	0	--	17,732	400.67
All softwoods	157,709	470.53	4,652	373.28	0	--	0	--	130,803	477.56
Red alder	998	1,116.72	0	--	0	--	0	--	440	785.73
All hardwoods	17,125	1,017.59	14	879.64	0	--	150	1,200.00	15,933	1,009.29
Total:										
Douglas-fir	244,463	529.45	153,608	522.31	290	370.59	1,956	472.42	72,591	517.79
Other firs	37,810	477.23	23,993	547.52	0	--	0	--	10,207	360.23
Cedars	31,498	627.06	15,639	746.21	0	--	1,010	474.26	12,728	441.59
Hemlock	209,446	415.66	185,514	424.53	0	--	6,627	211.30	6,667	438.41
Spruce	13,200	463.34	9,972	446.30	0	--	2,646	547.87	477	333.15
Pines	35,075	588.72	22,190	640.12	0	--	243	804.41	10,394	511.65
Redwood	1,940	672.11	1,006	633.13	0	--	149	804.02	435	579.61
Other softwoods	122,588	434.43	81,681	407.81	0	--	2,422	901.62	17,799	400.55
All softwoods	696,021	482.19	493,603	478.92	290	370.59	15,053	448.55	131,658	477.39
Red alder	44,586	1,043.12	18,798	1,009.15	17	279.34	631	551.35	440	785.73
All hardwoods	95,549	1,112.58	41,185	1,175.34	333	634.60	7,596	1,070.37	15,961	1,012.13

^a Includes a small amount exported from the Port of Olympia.

^b Bellingham, Blaine, Boundary, Danville, Frontier, Laurier, Lynden, Metaline Falls, Oroville, 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, second 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	3,382	543.66	3,382	543.66	0	--	0	--	0	--
Hemlock	13,458	665.37	12,549	685.93	0	--	908	381.41	0	--
Spruce	215	1,367.03	215	1,367.03	0	--	0	--	0	--
Other softwoods	1,210	704.60	1,192	702.83	0	--	0	--	18	820.02
All softwoods	18,264	653.69	17,337	667.78	0	--	908	381.41	18	820.02
All hardwoods	14	303.11	14	303.11	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	48	502.10	0	--	0	--	0	--	48	502.10
Other firs	131	445.04	0	--	0	--	0	--	131	445.04
Hemlock	106	290.97	0	--	0	--	0	--	106	290.97
All softwoods	286	397.38	0	--	0	--	0	--	286	397.38
All hardwoods	266	343.67	34	291.36	0	--	79	333.06	153	360.87
Seattle:										
Douglas-fir	18,946	604.14	17,742	616.43	0	--	67	371.07	0	--
Other firs	8,781	464.85	8,430	456.68	0	--	17	674.55	0	--
Cedars	3,292	1,141.73	3,040	1,139.90	0	--	86	457.12	0	--
Hemlock	13,006	589.95	7,663	686.82	0	--	3,811	307.03	0	--
Spruce	3,268	514.10	2,097	443.56	0	--	511	1,272.67	0	--
Pines	2,971	727.66	2,323	809.85	0	--	494	401.27	0	--
Redwood	86	2,497.18	60	1,547.94	0	--	0	--	0	--
Other softwoods	8,365	582.31	6,821	473.08	0	--	1,069	863.47	0	--
All softwoods	58,716	611.22	48,177	615.37	0	--	6,055	498.27	0	--
Red alder	6,136	1,198.78	1,780	1,085.04	0	--	415	2,448.15	0	--
All hardwoods	14,079	1,239.74	6,794	1,275.93	38	757.48	1,987	1,380.27	0	--
Tacoma:										
Douglas-fir	18,554	735.36	18,038	729.13	0	--	0	--	15	1,040.42
Other firs	5,172	543.84	5,172	543.84	0	--	0	--	0	--
Cedars	645	971.25	553	926.80	0	--	0	--	0	--
Hemlock	19,015	538.87	18,762	540.84	0	--	0	--	0	--
Spruce	6,298	446.08	6,156	414.36	0	--	102	2,463.48	0	--
Pines	2,811	802.30	2,754	802.83	0	--	0	--	0	--
Redwood	41	1,991.15	4	3,893.06	0	--	0	--	0	--
Other softwoods	10,113	567.36	10,084	567.23	0	--	0	--	0	--
All softwoods	62,648	609.96	61,522	603.40	0	--	102	2,463.48	15	1,040.42
Red alder	2,025	1,090.83	1,572	1,187.69	0	--	0	--	0	--
All hardwoods	4,344	1,103.89	2,709	1,144.85	0	--	56	1,091.35	0	--

Table 55--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, second 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	18,438	663.89	716	866.56	225	370.45	12	444.69	15,460	623.89
Other firs	2,503	476.01	0	--	0	--	0	--	2,375	474.13
Cedars	4,103	412.87	12	4,483.02	0	--	0	--	4,008	399.07
Hemlock	3,684	342.44	1,910	195.52	22	240.67	0	--	1,258	571.83
Spruce	356	228.62	0	--	0	--	0	--	186	254.15
Pines	3,026	541.81	0	--	0	--	0	--	3,026	541.81
Redwood	79	602.38	0	--	0	--	0	--	79	602.38
Other softwoods	6,707	456.94	1,273	238.82	47	300.41	0	--	3,057	662.21
All softwoods	38,896	545.59	3,911	345.95	293	349.57	12	444.69	29,448	572.14
Red alder	211	972.86	0	--	0	--	0	--	198	942.78
All hardwoods	4,602	981.03	1	3,733.52	0	--	0	--	4,523	969.51
Total:										
Douglas-fir	59,368	660.18	39,878	665.73	225	370.45	79	382.09	15,523	623.91
Other firs	16,587	491.00	13,602	489.82	0	--	17	674.55	2,507	472.61
Cedars	8,041	756.10	3,605	1,118.63	0	--	86	457.12	4,008	399.07
Hemlock	49,269	571.68	40,884	596.61	22	240.67	4,719	321.35	1,364	549.93
Spruce	10,136	479.90	8,467	445.77	0	--	612	1,470.45	186	254.15
Pines	8,808	687.64	5,078	806.04	0	--	494	401.27	3,026	541.81
Redwood	206	1,672.06	64	1,703.25	0	--	0	--	79	602.38
Other softwoods	26,395	550.33	19,370	520.84	47	300.41	1,069	863.47	3,075	663.14
All softwoods	178,810	600.50	130,947	608.64	293	349.57	7,077	511.42	29,767	570.85
Red alder	8,371	1,166.98	3,352	1,133.18	0	--	415	2,448.15	198	942.78
All hardwoods	23,305	1,152.56	9,551	1,234.05	38	757.48	2,122	1,333.81	4,676	949.60

^a Blaine, Boundary, Danville, Friday Harbor, Frontier, Kenmore Air Harbor, 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, 1992

(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
Astoria:										
Cedars	6	871.38	6	871.38	0	--	0	--	0	--
Pines	120	385.54	120	385.54	0	--	0	--	0	--
Other softwoods	348	567.18	348	567.18	0	--	0	--	0	--
All softwoods	474	524.61	474	524.61	0	--	0	--	0	--
Coos Bay:										
Douglas-fir	152,992	723.41	34,943	568.24	0	--	0	--	0	--
Other firs	2,648	444.10	229	1,001.98	0	--	0	--	0	--
Cedars	404	765.98	0	--	0	--	0	--	0	--
Hemlock	2,859	329.64	1,184	298.47	0	--	0	--	0	--
Spruce	374	200.45	0	--	0	--	0	--	0	--
Pines	5,480	464.15	42	572.12	0	--	0	--	0	--
Redwood	1,468	1,286.28	645	1,723.04	0	--	0	--	0	--
Other softwoods	6,375	451.93	53	337.52	0	--	0	--	0	--
All softwoods	172,600	698.10	37,097	582.06	0	--	0	--	0	--
Red alder	54	1,168.20	0	--	0	--	0	--	0	--
All hardwoods	397	1,258.06	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	76,103	551.43	66,526	497.08	0	--	0	--	0	--
Other firs	1,117	579.46	686	568.54	0	--	0	--	0	--
Cedars	158	560.84	0	--	0	--	0	--	0	--
Hemlock	24,993	407.00	24,914	407.65	0	--	0	--	0	--
Spruce	314	290.91	243	317.61	0	--	0	--	0	--
Pines	4,788	573.03	283	358.24	0	--	0	--	0	--
Redwood	314	1,774.58	139	2,004.29	0	--	0	--	0	--
Other softwoods	8,667	460.27	8,446	435.61	0	--	0	--	0	--
All softwoods	116,456	517.42	101,236	471.68	0	--	0	--	0	--
Red alder	93	864.71	0	--	0	--	0	--	0	--
All hardwoods	94	880.29	0	--	0	--	0	--	0	--
Portland:										
Douglas-fir	199,622	618.11	94,235	549.91	0	--	0	--	1,422	648.03
Other firs	17,692	679.97	16,119	700.08	0	--	0	--	299	282.50
Cedars	7,027	600.37	409	806.58	0	--	0	--	73	1,706.68
Hemlock	56,821	500.75	53,912	501.75	0	--	298	375.56	561	365.67
Spruce	1,592	316.19	893	390.89	0	--	0	--	450	217.00
Pines	11,387	557.73	6,749	564.30	0	--	0	--	179	487.43
Redwood	934	1,212.61	723	1,343.93	0	--	0	--	173	734.60
Other softwoods	35,942	424.22	31,853	427.38	0	--	0	--	720	347.53
All softwoods	331,016	577.99	204,892	533.10	0	--	298	375.56	3,877	489.53
Red alder	9,508	1,012.54	3,425	985.10	0	--	196	678.11	1,291	563.10
All hardwoods	19,811	1,085.59	9,627	1,101.93	0	--	515	547.79	2,467	645.79
Total:										
Douglas-fir	428,717	643.85	195,704	535.23	0	--	0	--	1,422	648.03
Other firs	21,458	645.62	17,034	698.85	0	--	0	--	299	282.50
Cedars	7,595	608.55	414	807.44	0	--	0	--	73	1,706.68
Hemlock	84,673	467.30	80,010	469.44	0	--	298	375.56	561	365.67
Spruce	2,280	293.72	1,136	375.23	0	--	0	--	450	217.00
Pines	21,775	536.59	7,194	553.26	0	--	0	--	179	487.43
Redwood	2,716	1,317.47	1,507	1,567.11	0	--	0	--	173	734.60
Other softwoods	51,332	434.72	40,700	430.16	0	--	0	--	720	347.53
All softwoods	620,546	599.99	343,699	520.28	0	--	298	375.56	3,877	489.53
Red alder	9,655	1,011.99	3,425	985.10	0	--	196	678.11	1,291	563.10
All hardwoods	20,302	1,088.01	9,627	1,101.93	0	--	515	547.79	2,467	645.79

Source: U.S. Department of Commerce.

Table 57--Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, second 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	34,848	747.99	12,456	843.49	0	--	0	--	0	--
Other firs	1,924	562.46	0	--	0	--	0	--	0	--
Cedars	28	1,956.19	0	--						
Hemlock	47	933.71	22	352.64	0	--	0	--	0	--
Pines	28	839.69	0	--	0	--	0	--	0	--
Redwood	460	1,077.73	72	2,225.80	0	--	0	--	0	--
Other softwoods	1,211	551.07	0	--	0	--	0	--	0	--
All softwoods	38,545	737.63	12,549	850.52	0	--	0	--	0	--
Red alder	64	1,535.44	0	--	0	--	0	--	0	--
Longview (Washington): ^a										
Douglas-fir	9,270	618.12	8,639	630.12	0	--	0	--	0	--
Other firs	68	953.76	68	953.76	0	--	0	--	0	--
Hemlock	5,694	516.15	5,544	518.74	0	--	150	420.49	0	--
Redwood	41	2,331.68	41	2,331.68	0	--	0	--	0	--
Other softwoods	2,836	339.43	2,836	339.43	0	--	0	--	0	--
All softwoods	17,909	546.77	17,127	551.30	0	--	150	420.49	0	--
All hardwoods	3	3,736.55	0	--	0	--	0	--	0	--
Portland:										
Douglas-fir	69,252	795.83	36,065	702.60	0	--	292	948.10	534	835.20
Other firs	5,124	802.20	4,522	789.15	0	--	17	682.10	0	--
Cedars	524	736.56	228	847.35	0	--	0	--	19	702.23
Hemlock	10,841	561.46	9,616	566.21	0	--	222	415.33	0	--
Spruce	1,078	376.61	1,068	376.59	0	--	0	--	0	--
Pines	3,723	800.81	3,195	813.94	0	--	0	--	6	2,609.32
Redwood	815	1,435.99	693	1,509.98	0	--	40	748.40	22	2,061.66
Other softwoods	17,289	411.48	15,425	393.58	0	--	13	2,512.26	907	456.53
All softwoods	108,645	712.11	70,813	630.77	0	--	584	759.69	1,489	628.40
Red alder	2,945	1,060.82	983	1,224.18	0	--	128	663.61	458	605.91
All hardwoods	6,131	1,163.30	3,292	1,281.58	0	--	147	747.78	806	663.28
Total:										
Douglas-fir	113,369	766.59	57,159	722.35	0	--	292	948.10	534	835.20
Other firs	7,116	738.81	4,589	791.58	0	--	17	682.10	0	--
Cedars	551	797.50	228	847.35	0	--	0	--	19	702.23
Hemlock	16,583	546.95	15,182	548.57	0	--	372	247.40	0	--
Spruce	1,078	376.61	1,068	376.59	0	--	0	--	0	--
Pines	3,750	801.10	3,195	813.94	0	--	0	--	6	2,609.32
Redwood	1,316	1,338.81	806	1,615.49	0	--	40	748.40	22	2,061.66
Other softwoods	21,336	409.83	18,261	385.18	0	--	13	2,512.26	907	456.53
All softwoods	165,100	700.13	100,489	644.67	0	--	735	604.16	1,489	628.40
Red alder	3,009	1,070.91	983	1,224.18	0	--	128	663.61	458	605.91
All hardwoods	6,197	1,168.37	3,292	1,281.58	0	--	147	747.78	806	663.28

^a Includes a small amount exported from the Port of Vancouver.

Source: U.S. Department of Commerce.

**Table 58--Volume and average value of lumber exports by port, species, and destination,
San Francisco Customs District, 1992**

(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	15	1,703.92	0	--	0	--	0	--	0	--
Other firs	4	1,704.18	0	--	0	--	0	--	0	--
Spruce	3,511	566.25	0	--	0	--	0	--	0	--
Pines	9,420	568.34	0	--	0	--	0	--	0	--
Redwood	24,293	430.32	0	--	0	--	0	--	0	--
All softwoods	37,243	478.69	0	--	0	--	0	--	0	--
All hardwoods	69	1,514.89	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	4,844	726.95	905	1,096.16	0	--	0	--	78	346.86
Other firs	3,552	475.37	3,250	486.87	0	--	0	--	175	203.89
Cedars	5,650	597.18	5,517	591.24	0	--	0	--	0	--
Hemlock	14,140	501.57	14,140	501.57	0	--	0	--	0	--
Spruce	697	212.41	697	212.41	0	--	0	--	0	--
Pines	745	745.06	728	754.31	0	--	0	--	17	347.51
Redwood	1,089	1,118.43	547	1,346.27	0	--	221	664.09	11	580.56
Other softwoods	10,588	362.68	2,419	788.81	0	--	47	531.53	0	--
All softwoods	41,306	518.99	28,204	576.89	0	--	268	640.84	281	266.44
Red alder	61	1,650.97	13	1,294.88	0	--	0	--	0	--
All hardwoods	9,193	1,216.45	7,960	1,214.98	29	520.59	169	1,000.55	496	844.65
San Francisco:										
Douglas-fir	3,453	566.67	24	778.01	0	--	0	--	0	--
Other firs	11	480.74	0	--	0	--	0	--	0	--
Cedars	70	1,480.39	46	986.52	0	--	0	--	0	--
Hemlock	140	956.98	140	956.98	0	--	0	--	0	--
Spruce	1,162	224.81	20	919.42	0	--	0	--	0	--
Pines	28	805.55	0	--	0	--	0	--	0	--
Redwood	2,045	541.49	50	874.00	0	--	0	--	0	--
Other softwoods	306	351.05	0	--	0	--	0	--	0	--
All softwoods	7,217	512.62	281	928.87	0	--	0	--	0	--
Red alder	24	520.17	0	--	24	520.17	0	--	0	--
All hardwoods	109	879.01	0	--	24	520.17	0	--	49	725.39
Other:										
Douglas-fir	22	375.91	0	--	0	--	0	--	0	--
All hardwoods	12	1,779.78	12	1,779.78	0	--	0	--	0	--
Total:										
Douglas-fir	8,334	661.33	929	1,087.89	0	--	0	--	78	346.86
Other firs	3,567	476.70	3,250	486.87	0	--	0	--	175	203.89
Cedars	5,721	608.04	5,562	594.49	0	--	0	--	0	--
Hemlock	14,281	506.04	14,281	506.04	0	--	0	--	0	--
Spruce	5,371	446.44	718	232.45	0	--	0	--	0	--
Pines	10,193	581.91	728	754.31	0	--	0	--	17	347.51
Redwood	27,427	465.93	597	1,306.72	0	--	221	664.09	11	580.56
Other softwoods	10,894	362.35	2,419	788.81	0	--	47	531.53	0	--
All softwoods	85,788	500.92	28,484	580.36	0	--	268	640.84	281	266.44
Red alder	85	1,334.34	13	1,294.88	24	520.17	0	--	0	--
All hardwoods	9,383	1,215.43	7,972	1,215.82	53	285.48	169	1,000.55	545	833.89

Source: U.S. Department of Commerce.

Table 59--Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, second 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:										
Douglas-fir	1,414	816.10	0	--	0	--	0	--	0	--
Spruce	333	595.33	0	--	0	--	0	--	0	--
Redwood	6,765	545.92	0	--	0	--	0	--	0	--
All softwoods	8,511	592.72	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	978	1,148.35	0	--	0	--	0	--	20	784.70
Other firs	394	755.70	394	755.70	0	--	0	--	0	--
Cedars	341	1,068.05	336	952.93	0	--	0	--	0	--
Hemlock	3,845	468.34	3,814	462.32	0	--	0	--	0	--
Pines	179	1,011.70	179	1,011.70	0	--	0	--	0	--
Redwood	296	718.54	107	648.58	0	--	22	653.22	0	--
Other softwoods	2,681	981.66	1,758	579.82	0	--	0	--	0	--
All softwoods	8,715	758.71	6,588	554.17	0	--	22	653.22	20	784.70
Red alder	1,706	1,364.69	0	--	0	--	0	--	0	--
All hardwoods	4,041	1,372.00	1,621	1,392.62	0	--	46	1,882.61	137	1,103.46
San Francisco:										
Douglas-fir	169	1,110.34	5	1,258.67	0	--	0	--	0	--
Cedars	191	1,092.53	180	1,055.19	0	--	0	--	0	--
Hemlock	149	370.29	149	370.29	0	--	0	--	0	--
Pines	361	465.08	361	465.08	0	--	0	--	0	--
Redwood	196	1,438.35	176	1,510.09	0	--	0	--	0	--
Other softwoods	229	846.72	210	865.14	19	644.07	0	--	0	--
All softwoods	1,296	845.89	1,081	801.89	19	644.07	0	--	0	--
All hardwoods	14	1,627.71	0	--	0	--	0	--	0	--
Other:										
Douglas-fir	28	1,069.78	0	--	0	--	0	--	0	--
All hardwoods	99	1,285.13	93	1,334.95	0	--	0	--	0	--
Total:										
Douglas-fir	2,590	963.66	5	1,258.67	0	--	0	--	20	784.70
Other firs	394	755.70	394	755.70	0	--	0	--	0	--
Cedars	532	1,076.85	515	988.59	0	--	0	--	0	--
Hemlock	3,994	464.69	3,963	458.86	0	--	0	--	0	--
Spruce	333	595.33	0	--	0	--	0	--	0	--
Pines	540	646.00	540	646.00	0	--	0	--	0	--
Redwood	7,257	577.09	283	1,184.29	0	--	22	653.22	0	--
Other softwoods	2,910	971.05	1,968	610.23	19	644.07	0	--	0	--
All softwoods	18,551	689.12	7,669	589.09	19	644.07	22	653.22	20	784.70
Red alder	1,706	1,364.69	0	--	0	--	0	--	0	--
All hardwoods	4,154	1,370.83	1,714	1,389.50	0	--	46	1,882.61	137	1,103.46

Source: U.S. Department of Commerce.

**Table 60--Volume and average value of lumber exports by port, species, and destination,
Anchorage Customs District, 1992**

(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:										
Firs	16	1,197.14	16	1,197.14	0	--	0	--	0	--
Dalton Cache:										
All hardwoods	27	330.81	0	--	0	--	0	--	27	330.81
Ketchikan:										
Firs	14	1,445.36	14	1,445.36	0	--	0	--	0	--
Cedars	539	405.93	539	405.93	0	--	0	--	0	--
Hemlock	50,532	475.02	47,392	487.01	0	--	525	500.03	0	--
Spruce	33,387	824.14	27,722	754.21	0	--	5,496	1,195.42	0	--
All softwoods	84,472	612.73	75,667	584.51	0	--	6,020	1,134.83	0	--
All hardwoods	3	1,101.33	0	--	0	--	0	--	3	1,101.33
Valdez:										
All hardwoods	184	188.82	0	--	0	--	0	--	184	188.82
Wrangell:										
Cedars	36	258.84	36	258.84	0	--	0	--	0	--
Hemlock	30,831	260.01	30,831	260.01	0	--	0	--	0	--
Spruce	18,633	280.60	18,633	280.60	0	--	0	--	0	--
Other softwoods	2,358	279.98	2,358	279.98	0	--	0	--	0	--
All softwoods	51,857	268.31	51,857	268.31	0	--	0	--	0	--
Total:										
Firs	14	1,445.36	14	1,445.36	0	--	0	--	0	--
Cedars	575	396.82	575	396.82	0	--	0	--	0	--
Hemlock	81,363	393.55	78,222	397.54	0	--	525	500.03	0	--
Spruce	52,036	629.62	46,372	564.05	0	--	5,496	1,195.42	0	--
Other softwoods	2,358	279.98	2,358	279.98	0	--	0	--	0	--
All softwoods	136,346	481.81	127,540	456.02	0	--	6,020	1,134.83	0	--
All hardwoods	213	217.49	0	--	0	--	0	--	213	217.49

Source: U.S. Department of Commerce.

**Table 61—Volume and average value of lumber exports by port, species, and destination,
Anchorage Customs District, second 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	21,025	443.98	19,770	442.88	0	--	1,255	461.23	0	--
Spruce	8,908	1,023.93	6,397	909.53	0	--	2,510	1,315.49	0	--
Pines	76	717.44	76	717.44	0	--	0	--	0	--
All softwoods	30,008	616.82	26,243	557.43	0	--	3,765	1,030.74	0	--
Red alder	34	1,451.40	34	1,451.40	0	--	0	--	0	--
All hardwoods	92	1,360.91	92	1,360.91	0	--	0	--	0	--
Skagway:										
All hardwoods	209	188.74	0	--	0	--	0	--	209	188.74
Wrangell:										
Hemlock	5,536	363.73	5,536	363.73	0	--	0	--	0	--
Spruce	8,205	280.02	8,205	280.02	0	--	0	--	0	--
All softwoods	13,741	313.75	13,741	313.75	0	--	0	--	0	--
Total:										
Hemlock	26,561	427.25	25,306	425.57	0	--	1,255	461.23	0	--
Spruce	17,112	667.25	14,602	555.82	0	--	2,510	1,315.49	0	--
Pines	76	717.44	76	717.44	0	--	0	--	0	--
All softwoods	43,750	521.63	39,984	473.69	0	--	3,765	1,030.74	0	--
Red alder	34	1,451.40	34	1,451.40	0	--	0	--	0	--
All hardwoods	301	548.14	92	1,360.91	0	--	0	--	209	188.74

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								
4th quarter								
1993 total								

^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	16,019	515.51	3,164	697.85	0	--	4,135	544.86
1983	34,729	542.86	3,668	536.28	0	--	8,031	504.39
1984	36,397	596.86	6,497	687.09	0	--	7,849	452.67
1985	35,841	634.36	3,658	648.29	3,322	280.25	6,987	438.53
1986	60,331	529.86	3,699	630.88	111	504.50	8,968	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	8,787	767.31	6,505	490.39
1989	85,722	741.38	22,106	809.47	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								
4th quarter								
1993 total								
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	346.68
1984	20,603	685.24	5,092	696.58	0	--	6,813	409.68
1985	20,690	702.32	2,859	668.77	3,322	280.25	5,793	408.42
1986	30,531	667.65	2,610	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	526.70	9,111	390.74	2,045	709.54	4,168	465.21
1989	42,667	781.89	9,203	665.96	25	760.00	8,041	1,053.97
1990	40,970	1,040.32	4,581	997.38	0	--	8,778	1,278.83
1991	52,801	992.25	8,967	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								
4th quarter								
1993 total								
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	--	6	333.33
1988	127	1,023.62	0	--	0	--	0	--
1989	0	--	8,985	400.67	0	--	0	--
1990	210	600.00	4,217	430.64	0	--	0	--
1991	783	519.80	189	730.16	0	--	0	--
1992	333	633.63	0	--	0	--	53	509.43
1993:								
1st quarter	35	1,028.57	0	--	0	--	0	--
2d quarter	38	763.16	0	--	0	--	0	--
3d quarter								
4th quarter								
1993 total								

Source: U.S. Department of Commerce.

Table 64--Volume of lumber exports from British Columbia ports by species and destination, 1982-92

(In thousand board feet)

Year	Total, all species	Douglas- fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1982	4,242,899	339,932	1,803,999	635,865	208,218	1,244,341	10,544
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
TO JAPAN							
1982	1,048,371	44,391	713,625	119,900	66,709	103,607	139
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
TO UNITED STATES ^b							
1982	2,017,725	157,776	637,513	430,634	111,314	679,412	1,076
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
TO PEOPLE'S REPUBLIC OF CHINA							
1982	43,206	0	28,877	0	624	4,514	9,191
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

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, 1985-92

(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
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
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
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

NA = not available.

^a Figures do not include shipments of railroad cross ties.

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							
4th quarter							
1993 total							

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 total	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							
4th quarter							
1993 total							

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								
4th quarter								
1993 total								

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 total	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								
4th quarter								
1993 total								

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	221,609	241.71	9,435	145.63	36,268	252.32	9,346	145.09	185,341	239.64	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	141.80	133,052	480.08	284	788.73
1985	94,676	226.83	10,769	144.04	15,691	213.12	10,013	143.51	76,885	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	48,810	232.27	18,987	158.69	240,763	222.94	1,424	241.57
1989	309,243	208.19	18,092	191.96	68,885	219.42	17,754	191.45	240,358	204.97	338	218.83
1990	259,182	215.13	21,993	285.45	67,461	234.59	18,355	298.23	191,721	208.28	3,638	221.00
1991	237,910	217.53	35,912	264.35	77,471	231.31	32,306	266.58	160,439	210.87	3,606	244.32
1992	144,531	247.46	44,110	294.40	40,085	282.67	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												
4th quarter												
1993 total												
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	16	125.00
1984	6,429	307.67	0	--	2,054	228.82	0	--	4,375	344.69	0	--
1985	6,050	284.83	898	151.45	1,310	196.18	122	155.74	4,740	309.07	776	150.77
1986	7,944	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	266.29	157	414.01	8,829	245.80	243	271.60
1988	15,166	233.35	1,954	252.81	7,445	231.83	852	261.74	7,721	234.81	1,102	245.92
1989	17,075	210.01	891	243.55	10,880	204.04	874	242.56	6,195	220.50	17	294.12
1990	16,144	224.54	616	235.39	14,312	221.00	200	285.00	1,832	252.18	416	211.54
1991	21,407	233.66	723	192.25	20,385	231.54	413	186.44	1,022	275.93	310	200.00
1992	7,434	239.44	1,358	362.30	5,232	247.13	1,189	339.78	2,202	221.16	169	520.71
1993:												
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												
4th quarter												
1993 total												
TO WESTERN EUROPE												
1982	170,695	217.23	79	202.53	11,805	244.39	0	--	158,890	215.21	79	202.53
1983	286,229	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	85	200.00	5,497	225.94	85	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	208.39	71	408.45	26,593	229.95	43	488.37	227,460	203.64	28	285.71
1990	191,734	213.80	3,035	200.99	24,129	267.19	111	279.28	167,605	206.11	2,924	198.02
1991	162,745	217.03	4,882	247.23	19,376	255.01	1,971	239.47	143,369	211.90	2,911	252.49
1992	99,958	245.45	2,156	551.95	9,182	297.87	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	468.19	46	1,021.74	12,453	293.26	0	--
3d quarter												
4th quarter												
1993 total												

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										
4th quarter										
1993 total										

^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	231,316	28.61	19,514	41.87	148,878	28.79	5,870	58.09	82,440	31.89	13,844	34.81
1983	262,795	27.80	14,330	65.39	180,267	27.00	13,883	62.69	132,528	28.77	437	151.03
1984	268,106	27.04	37,273	92.91	127,897	30.35	31,771	103.11	138,409	23.99	5,502	33.81
1985	221,547	28.56	38,473	82.97	153,065	28.82	38,181	97.78	88,452	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	91.65
1987	290,803	43.49	79,792	77.09	239,599	32.00	70,955	79.77	51,091	91.39	8,837	55.56
1988	163,092	55.56	172,369	81.09	125,481	47.42	153,013	84.20	37,631	82.70	19,356	58.52
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	79,843	110.67	120,836	122.78	75,047	105.19	118,087	121.71	4,598	200.17	2,749	188.06
1991	124,425	91.79	135,268	142.31	111,897	88.11	132,875	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	138.76	16,299	208.97	16,183	82.99
1993:												
1st quarter	38,714	87.75	38,899	128.46	32,828	75.92	38,895	130.28	6,088	151.17	2,004	95.31
2d quarter	52,865	108.54	32,975	122.18	42,987	98.61	31,145	119.89	9,879	160.45	1,830	161.20
3d quarter												
4th quarter												
1993 total												
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	98.16	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	94,390	21.81	10,024	58.36	51,781	14.60	8,001	50.87	42,609	30.58	2,023	87.99
1987	61,161	81.57	24,300	64.53	20,392	27.81	17,151	63.73	40,769	108.56	7,149	68.44
1988	38,585	107.58	81,628	98.87	21,628	77.21	60,085	77.21	16,959	121.29	18,583	55.65
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	33,574	145.88	64,727	124.31	30,053	141.42	63,918	123.50	3,521	183.75	809	187.89
1991	92,521	90.83	89,489	142.00	88,453	84.44	87,878	141.27	4,068	232.08	1,811	177.25
1992	107,855	79.79	68,480	123.12	94,090	81.57	53,423	135.80	13,785	204.38	15,057	78.10
1993:												
1st quarter	34,754	85.40	21,727	119.53	28,868	71.44	20,058	121.80	6,088	151.17	1,689	92.27
2d quarter	44,503	99.64	17,658	108.24	35,002	87.71	16,819	101.13	9,501	143.56	838	208.83
3d quarter												
4th quarter												
1993 total												
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	—	7,587	36.08	0	—	31,003	41.83	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	87.98	682	21.99	432	87.98	12,411	43.11	0	—
1986	22,313	37.87	1,853	73.73	3,287	34.07	1,853	73.73	19,026	38.47	0	—
1987	10,016	51.42	1,688	8.48	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	218.69	108	203.70	1,215	211.52	108	203.70	82	282.81	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												
4th quarter												
1993 total												

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	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Montana:											
USDA Forest Service ^a	428,062	408,764	304,366	344,196	331,288	81,447	15,451	59,775			
U.S. Bureau of Land Manage. ^b	6,086	5,843	6,675	6,474	9,661	528	104	473			
U.S. Bureau of Indian Affairs	50,383	70,112	65,976	44,296	45,126	1,984	3,590	1,264			
State of Montana	42,035	43,949	31,427	26,722	26,644	3,502	7,608	3,206			
Total	526,566	528,668	408,443	421,688	412,718	87,461	26,753	64,719			
Idaho:											
USDA Forest Service ^a	745,226	798,642	709,121	579,349	423,701	122,550	123,464	111,423			
U.S. Bureau of Land Manage. ^b	8,058	16,407	8,877	24,224	8,145	3,623	73	364			
U.S. Bureau of Indian Affairs	2,718	7,310	1,205	558	1,645	0	0	0			
State of Idaho	441,916	400,344	307,215	413,492	441,372	241,260	134,637	219,975			
Total	1,197,918	1,222,703	1,026,418	1,017,623	874,863	367,433	258,174	331,762			
All public lands:											
USDA Forest Service ^a	1,173,288	1,207,406	1,013,486	923,544	754,989	203,997	138,914	171,198			
U.S. Bureau of Land Manage. ^b	14,144	22,250	15,552	30,698	17,806	4,151	177	837			
U.S. Bureau of Indian Affairs	53,101	77,422	67,181	44,854	46,771	1,984	3,590	1,264			
State of Montana	42,035	43,949	31,427	26,722	26,644	3,502	7,608	3,206			
State of Idaho	441,916	400,344	307,215	413,492	441,372	241,260	134,637	219,975			
Total	1,724,484	1,751,371	1,434,861	1,439,310	1,287,581	454,894	284,927	396,480			

^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
					Average	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Montana:											
USDA Forest Service ^a	47.40	97.37	119.43	105.01	152.94	151.99	309.86	327.78			
U.S. Bureau of Land Manage. ^b	55.75	86.44	114.50	62.72	163.91	38.22	26.78	101.53			
U.S. Bureau of Indian Affairs	61.33	90.59	57.44	112.22	187.89	66.28	197.91	104.56			
State of Montana	79.45	154.53	148.39	189.63	181.48	163.81	213.14	152.38			
Average	51.39	101.10	111.56	110.48	158.86	149.84	266.23	313.08			
Idaho:											
USDA Forest Service ^a	56.54	82.89	92.29	98.88	141.74	139.01	323.58	349.91			
U.S. Bureau of Land Manage. ^b	78.10	60.38	87.96	50.21	93.37	156.06	167.30	167.78			
U.S. Bureau of Indian Affairs	31.71	76.29	150.63	147.07	145.54	—	—	—			
State of Idaho	55.40	73.51	113.19	76.14	159.26	170.96	212.08	172.09			
Average	56.21	79.48	98.57	88.51	150.13	160.16	265.39	231.81			
All public lands:											
USDA Forest Service ^a	53.21	87.80	100.44	101.17	146.65	144.20	322.05	342.19			
U.S. Bureau of Land Manage. ^b	68.48	67.22	99.35	52.85	131.64	141.07	84.73	130.35			
U.S. Bureau of Indian Affairs	59.82	89.24	59.11	112.65	186.40	66.28	197.91	104.56			
State of Montana	79.45	154.53	148.39	189.63	181.48	163.81	213.14	152.38			
State of Idaho	55.40	73.51	113.19	76.14	159.26	170.96	212.08	172.09			
Average	54.74	86.01	102.27	94.95	152.93	158.17	265.47	245.08			

^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										
4th quarter										
1993 total										

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										
4th quarter										
1993 average										

^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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										

^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							
4th quarter							
1993 total							

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							
4th quarter							
1993 average							

^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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										

^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
					Total	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	2,027,116	1,440,482	1,585,813	729,711	1,238,351	124,336	39,377	131,826			
U.S. Bureau of Land Manage. ^b	12,167	11,907	10,129	10,981	10,420	2,112	2,062	3,100			
U.S. Bureau of Indian Affairs	0	7,185	48,871	18,468	NA	9,748	NA	NA			
State of California	34,129	36,158	33,187	36,318	23,470	1,096	4,200	1,000			
Total	2,073,412	1,495,732	1,678,000	795,478	NA	137,292	NA	NA			

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.

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	2d 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	263.63	156.10	158.53			
U.S. Bureau of Land Manage. ^c	158.09	121.12	122.25	168.47	242.21	239.65	334.01	275.27			
U.S. Bureau of Indian Affairs	—	323.14	268.53	331.32	NA	312.64	NA	NA			
State of California	145.16	223.02	269.24	332.77	463.92	300.04	636.67	609.00			
Average	118.88	156.34	148.67	164.74	NA	267.03	NA	NA			

NA = not available.

^a Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs 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							
4th quarter							
1993 total							

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							
4th quarter							
1993 average							

^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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										

^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						
August						
September						
October						
November						
December						
Total						

^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	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Western Washington:										
USDA Forest Service ^a	313,920	913,998	91,442	71,422	14,558	1,120	6,356			
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0			
U.S. Bur. Indian Aff.	22,502	45,750	83,584	30,446	3,426	20,262	3,498			
State of Washington ^b	739,610	697,784	387,025	328,970	111,497	136,642	133,265			
Total	1,076,032	1,657,532	562,051	430,838	129,481	158,024	143,119			
Eastern Washington:										
USDA Forest Service ^a	312,430	437,407	130,184	83,041	23,944	6,567	36,130			
U.S. Bur. Land Mgmt.	0	0	5,860	3,274	3,274	0	20			
U.S. Bur. Indian Aff.	134,008	132,307	130,154	107,079	43,556	27,026	9,640			
State of Washington ^b	100,590	61,200	67,255	48,131	13,830	21,759	18,025			
Total	547,028	630,914	333,453	241,525	84,604	55,352	63,815			
Western Oregon:										
USDA Forest Service ^a	828,416	2,457,087	205,207	190,053	34,067	15,939	14,751			
U.S. Bur. Land Mgmt.	703,509	1,082,971	520,921	28,434	16,619	3,309	9,182			
U.S. Bur. Indian Aff.	5,700	6,760	18,700	2,751	0	0	164			
State of Oregon	199,194	89,139	177,324	113,717	43,737	12,130	8,852			
Total	1,736,819	3,635,957	922,152	334,955	94,423	31,378	32,949			
Eastern Oregon:										
USDA Forest Service ^a	973,451	1,061,917	637,069	422,395	95,378	229,620	63,950			
U.S. Bur. Land Mgmt.	15,812	42,695	4,630	19,510	0	195	0			
U.S. Bur. Indian Aff.	92,380	70,543	55,360	0	0	5,530	29,260			
State of Oregon	2,536	3,270	3,150	2,577	0	0	0			
Total	1,084,189	1,178,425	700,209	444,482	95,378	235,345	93,210			
All public lands:										
USDA Forest Service ^a	2,428,217	4,870,409	1,063,902	766,911	167,947	253,246	121,186			
U.S. Bur. Land Mgmt.	719,321	1,125,665	531,411	51,218	19,893	3,504	9,202			
U.S. Bur. Indian Aff.	254,590	255,360	287,798	140,276	46,982	52,818	42,562			
State of Washington ^b	840,200	758,984	454,280	377,101	125,327	158,401	151,290			
State of Oregon	201,730	92,409	180,474	116,294	43,737	12,130	8,852			
Total	4,444,058	7,102,827	2,517,864	1,451,800	403,886	480,099	333,092			

^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	2d qtr.	1st	2d qtr.	3d qtr.	4th qtr.	Total
Western Washington:										
USDA Forest Service ^a	238.55	254.48	171.26	158.06	250.51	112.93	317.50			
U.S. Bur. Land Mgmt.	—	—	—	—	—	—	—			
U.S. Bur. Indian Aff.	175.31	197.11	178.50	226.77	241.18	278.09	267.83			
State of Washington ^b	341.53	338.56	303.02	358.25	301.06	700.43	570.39			
Average	308.01	288.29	263.06	315.77	293.80	642.11	551.76			
Eastern Washington:										
USDA Forest Service ^a	100.23	100.87	65.08	129.23	149.17	121.58	127.72			
U.S. Bur. Land Mgmt.	—	—	182.48	229.22	229.22	—	197.50			
U.S. Bur. Indian Aff.	256.42	258.47	219.37	313.95	410.05	391.18	362.57			
State of Washington ^b	224.82	247.46	192.61	383.43	510.56	478.17	465.40			
Average	161.40	148.14	153.09	263.14	345.65	393.39	258.60			
Western Oregon:										
USDA Forest Service ^a	278.36	369.31	253.12	329.79	307.08	424.44	421.07			
U.S. Bur. Land Mgmt.	295.35	306.30	312.04	177.32	112.12	208.50	362.39			
U.S. Bur. Indian Aff.	307.13	405.32	358.87	527.00	—	—	366.77			
State of Oregon	340.55	365.75	316.43	506.63	450.45	747.83	897.98			
Average	292.47	350.52	300.73	378.50	339.17	526.69	532.58			
Eastern Oregon:										
USDA Forest Service ^a	181.05	161.81	155.98	186.59	226.62	390.13	365.91			
U.S. Bur. Land Mgmt.	134.65	68.14	236.82	97.74	—	141.05	—			
U.S. Bur. Indian Aff.	139.94	197.49	160.20	—	—	226.70	335.44			
State of Oregon	75.71	269.71	198.78	387.53	—	—	—			
Average	176.63	160.85	157.04	183.85	226.62	386.08	356.35			
All public lands:										
USDA Forest Service ^a	211.29	278.41	164.91	213.21	233.97	384.10	299.07			
U.S. Bur. Land Mgmt.	291.82	297.27	309.96	150.33	131.39	204.74	362.03			
U.S. Bur. Indian Aff.	208.12	234.52	205.18	299.21	397.74	330.58	336.15			
State of Washington ^b	327.56	331.21	286.67	361.47	324.18	669.90	557.88			
State of Oregon	337.22	362.35	314.38	503.99	450.45	747.83	897.98			
Average	251.84	286.56	232.81	281.10	299.40	480.39	439.02			

^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														
4th quarter														
1993 total														

^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														
4th quarter														
1993 average														

^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

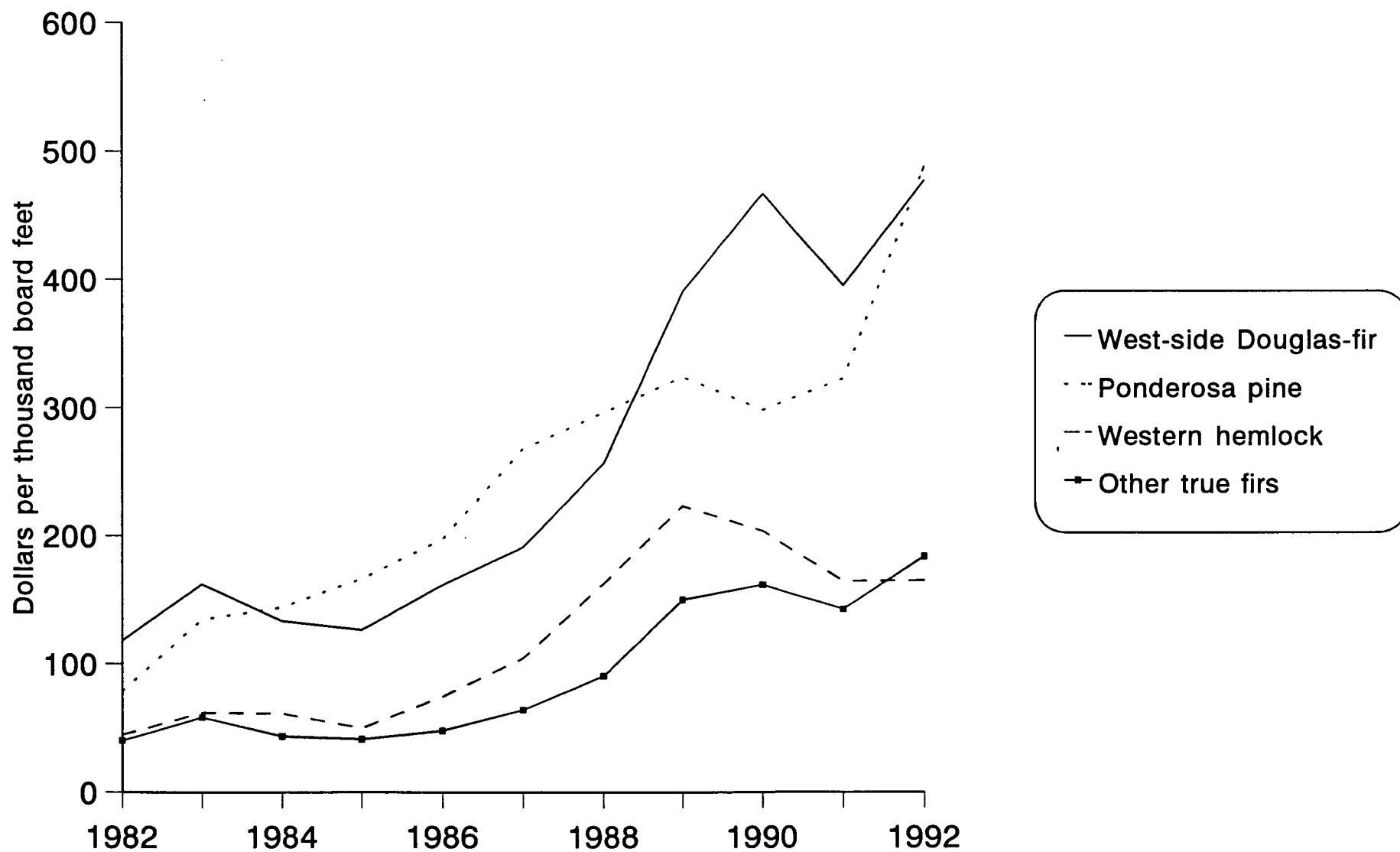


Table 91--Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1993

(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	294.46	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										
	Rogue River ^a		Siskiyou ^a		Sluslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	8.1	392.20	.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.										
4th qtr.										
Total										
	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	48.7	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.										
4th qtr.										
Total										
	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.										
4th qtr.										
Total										

^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	645.80	0	--	0	--	0	--	184	237.84	4,608	626.23
2d quarter	2,730	814.28	26	217.60	0	--	870	503.94	0	--	3,928	684.18
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
Siskiyou--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	59	715.25	0	--	0	--	0	--	0	--	59	715.25
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
Willamette--												
1st quarter	1,438	955.56	0	--	0	--	80	234.10	15	843.48	2,213	659.33
2d quarter	865	846.20	0	--	0	--	125	80.43	550	331.00	2,100	468.89
3d quarter												
4th quarter												
Total and average												
All western Oregon:												
1st quarter	6,682	695.51	0	--	0	--	80	234.10	199	283.49	8,090	608.85
2d quarter	6,227	839.28	26	217.60	0	--	995	450.74	1,402	460.25	10,766	625.02
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
Mount Baker-Snoqualmie--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												

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	702.59	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												
4th quarter												
Total and average												
All western Oregon and western Washington:												
1st quarter	7,562	696.34	0	--	0	--	805	371.18	199	283.49	10,180	572.36
2d quarter	16,337	569.63	26	217.60	0	--	3,385	347.14	1,957	414.80	24,921	472.05
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
Fremont--												
1st quarter	0	--	0	--	16,874	649.14	0	--	12,552	329.17	29,666	509.75
2d quarter	0	--	0	--	2,100	10.22	0	--	137	301.14	3,725	20.83
3d quarter												
4th quarter												
Total and average												
Malheur--												
1st quarter	0	--	7,020	510.45	12,998	496.90	0	--	17,500	281.94	38,778	398.29
2d quarter	0	--	1,801	187.49	3,000	651.59	0	--	501	253.22	5,102	466.84
3d quarter												
4th quarter												
Total and average												
Ochoco--												
1st quarter	0	--	12,200	442.47	1,800	880.07	0	--	1,100	473.20	14,900	499.67
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter												
4th quarter												
Total and average												
Umatilla--												
1st quarter	0	--	2,200	430.73	800	864.72	0	--	3,000	410.40	7,700	374.48
2d quarter	0	--	0	--	0	--	0	--	133	295.00	163	241.07
3d quarter												
4th quarter												
Total and average												
Wallowa-Whitman--												
1st quarter	0	--	1,020	88.35	120	20.00	0	--	0	--	4,640	58.33
2d quarter	0	--	0	--	52	403.00	0	--	0	--	52	403.00
3d quarter												
4th quarter												
Total and average												
Winema--												
1st quarter	0	--	0	--	56,905	549.39	0	--	800	300.39	60,960	534.49
2d quarter	0	--	0	--	0	--	0	--	0	--	4,500	114.00
3d quarter												
4th quarter												
Total and average												
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	268.84	14,152	218.77
3d quarter												
4th quarter												
Total and average												

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												
4th quarter												
Total and average												
Okanogan--												
1st quarter	0	--	2,762	332.76	484	330.42	0	--	85	287.67	5,060	319.81
2d quarter	0	--	0	--	0	--	0	--	0	--	56	145.00
3d quarter												
4th quarter												
Total and average												
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												
4th quarter												
Total and average												
All eastern Washington:												
1st quarter	0	--	2,762	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	200.99
3d quarter												
4th quarter												
Total and average												
All eastern Oregon and eastern Washington:												
1st quarter	0	--	25,202	434.03	90,976	569.01	0	--	35,037	316.30	174,879	444.59
2d quarter	0	--	1,601	187.49	7,166	352.79	0	--	1,104	227.99	17,070	215.73
3d quarter												
4th quarter												
Total and average												
Pacific Northwest Region:												
1st quarter	7,562	696.34	25,202	434.03	90,976	569.01	805	371.18	35,236	316.12	185,059	451.62
2d quarter	16,337	569.63	1,627	187.97	7,166	352.79	3,385	347.14	3,061	347.43	41,991	367.85
3d quarter												
4th quarter												
Total and average												
All of Oregon:												
1st quarter	6,682	695.51	22,440	446.49	90,492	570.29	80	234.10	35,151	316.19	174,809	460.06
2d quarter	6,227	839.28	1,627	187.97	5,152	387.65	995	450.74	2,173	392.37	24,918	394.29
3d quarter												
4th quarter												
Total and average												
All of Washington:												
1st quarter	880	702.59	2,762	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												
4th quarter												
Total and average												

^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
					Total	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	20,188	168,050	32,174	50,747	155,731	11,462	12,287	16,675			
U.S. Bureau of Land Manage. ^b	0	21	0	359	175	175	8	5			
U.S. Bureau of Indian Affairs	0	65	11,700	59	57	0	0	1,200			
State of Alaska	25,492	18,764	32,534	8,374	12,479	123	11,398	7,862			
Total	45,680	186,900	76,407	59,539	168,442	11,760	23,693	25,742			

^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	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	73.61	121.59	60.79	35.09	18.88	18.13	5.38	69.21			
U.S. Bureau of Land Manage. ^b	--	64.48	--	19.27	11.91	11.91	10.00	10.00			
U.S. Bureau of Indian Affairs	--	16.20	341.88	54.69	38.60	--	--	49.61			
State of Alaska	28.87	30.35	27.09	21.49	33.63	61.06	24.80	94.22			
Average	48.64	112.39	89.49	33.10	19.97	18.48	14.72	75.92			

^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.					
4th qtr.					
1993 total					

^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					
4th quarter					
1993 average					

^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)

	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region—east side		Pacific Northwest Region—west side		Alaska Region	
Year	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume ^b	Value
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.																
4th qtr.																
Total and average																

^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)

	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region--east side		Pacific Northwest Region--west side		Alaska Region	
Year	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	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.																
4th qtr.																
Total and average																

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--Allowable cut and uncut volume under contract on Washington State lands, 1983-93^a

(In million board feet, Scribner scale)

Year	Allowable cut	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	840	856	1.0
1992	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 665.

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	93	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.										
4th qtr.										
1993 total										
	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.										
4th qtr.										
1993 total										
	Rogue River		Siskiyou		Siustlaw		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.										
4th qtr.										
1993 total										
	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
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.										
4th qtr.										
1993 total										

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	Colville		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	82.93	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.										
4th qtr.										
1993 total										
	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	8,980	173.58	63,102	238.34	0	--	4,133	140.96
1989	64,005	281.85	4,536	153.31	58,900	266.81	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	--	4,885	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	295.61
3d qtr.										
4th qtr.										
1993 total										
	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	645	143.65	170	25.10	250	298.00	194	87.31	72	507.17
1992	18	155.33	70	52.60	227	86.65	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.										
4th qtr.										
1993 total										
	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.										
4th qtr.										
1993 total										

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. 1993. Production, prices, employment, and trade in Northwest forest industries, second quarter 1993. Resour. Bull. PNW-RB-199. 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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