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Production, Prices, Employment, and Trade in Northwest Forest Industries,
Second Quarter 1992

Debra D. Warren

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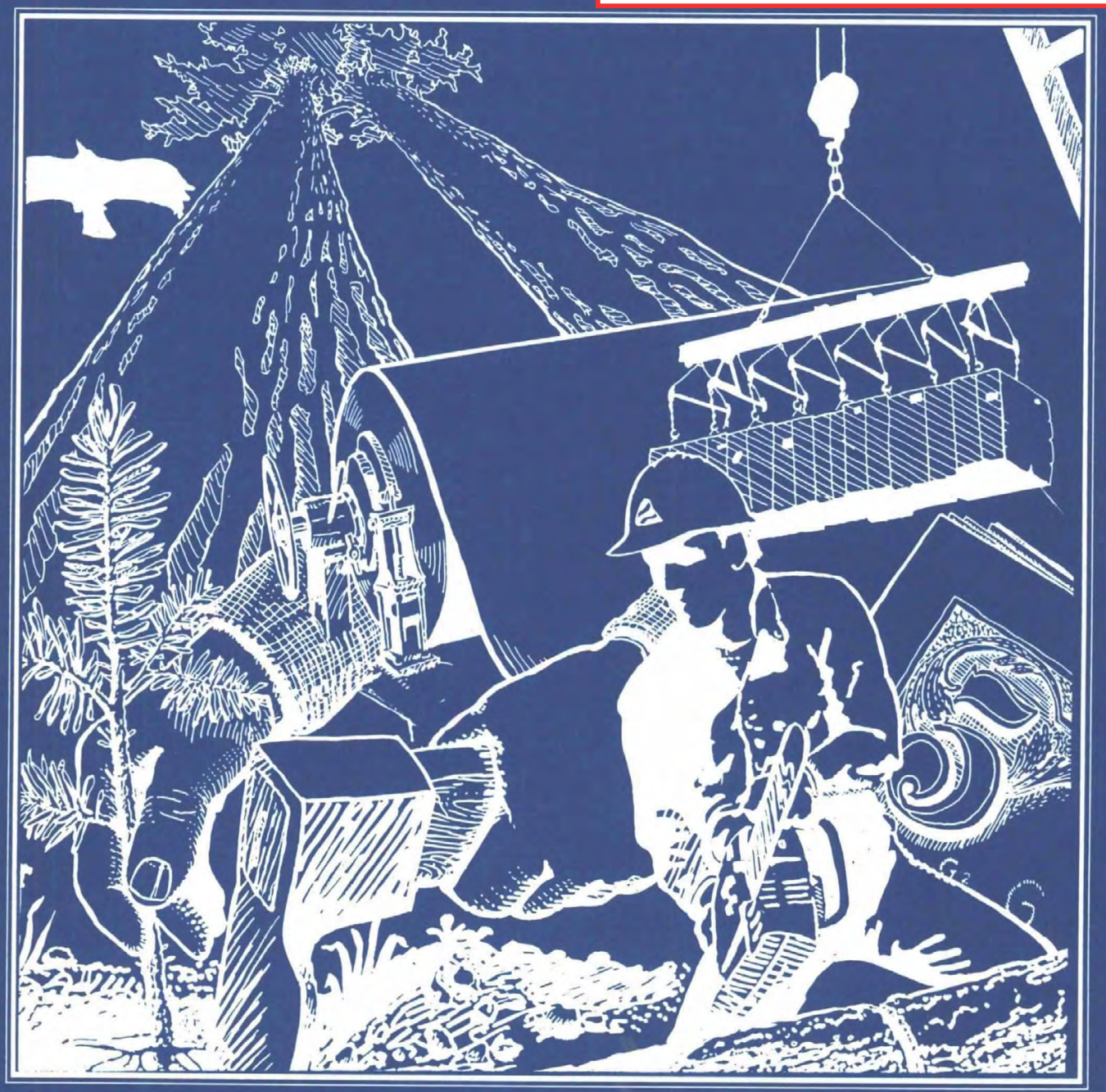

ABSTRACT

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

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

PREFACE

This report presents current information on the timber situation in Alaska, Washington, Oregon, California, Montana, Idaho, and British Columbia, including data on lumber and plywood production and prices; timber harvest; employment in forest products industries; international trade in logs, pulpwood, chips, lumber, and plywood; log prices in the Pacific Northwest; volume and average prices of stumpage sold by public agencies; and other related items.

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

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

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

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

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Western Lumber Production and Prices

- *Softwood lumber production decreases*

A total of 19.7 billion board feet of softwood lumber was produced in the Western United States in 1991, down 7.3 percent from 1990 (table 1). Total softwood lumber production in the second quarter of 1992 was down 9.0 percent from the first quarter and down 12.7 percent from the second quarter of 1991.

- *Lumber prices increase slightly*

Average wholesale prices rose slightly in 1991 for selected lumber products (table 7). Compared with first quarter 1992 average values, second quarter 1992 changes ranged from a 22.3-percent drop for no. 3 ponderosa pine boards, to a 4.8-percent increase for fir-larch lumber.

Plywood Production and Prices

- *Plywood production increases*

United States softwood structural panel board production in 1991, at 24,539 million square feet (3/8-inch basis), decreased 11.6 percent from 1990. Production was up in the second quarter of 1992--1.0 percent from first quarter 1992 and 2.3 percent from second quarter 1991 (table 1).

- *Plywood prices drop in second quarter of 1992*

Wholesale prices of selected plywood products remained fairly stable from 1990 to 1991. After first quarter 1992 average prices increased dramatically (table 8), second quarter showed a decline.

Employment in Forest Products Industries

- *Employment numbers fall in 1991, rise in 1992*

The number of persons employed in the lumber and wood products industries decreased in 1991 in Alaska, Washington, Oregon, California, Montana, and Idaho (tables 20, 21, and 22). Second quarter 1992 numbers indicated a slight increase in most of these States.

Log, Pulp, and Chip Exports

- *Washington and Oregon log exports decrease in 1991*

Log exports from Washington and Oregon ports totaled 2,542.4 million board feet in 1991, as compared to 3,008.4 million board feet in 1990. For the second quarter of 1992, Washington Customs District exported 367.5 million board feet of logs to all countries, and Oregon Customs District exported 183.8 (table 23).

- *Average value of logs is $655.50*

Softwood log exports from Washington and Oregon ports averaged $655.50 (per thousand board feet) in the second quarter of 1992, up $75.24 from the first quarter average of $580.26. The values increased similarly for log exports going to Japan, Canada, and China, but remained fairly constant for exports to South Korea.

- *Log exports decrease in California and Alaska*

San Francisco Customs District exported 29.1 percent fewer logs in 1991 than in 1990. The second quarter log export volume from northern California was 1.3 million board feet (table 26). The Anchorage Customs District exported 7.0 percent fewer logs in 1991 than in 1990. The second quarter 1992 volume exported from Alaska was 149.7 million board feet (table 27).

- *Pulp volumes fluctuate slightly*

The four western customs districts showed minor fluctuations in pulp export volumes from 1990 to 1991. The Seattle Customs District had a decrease in the amount of dissolving grade pulp being exported (table 44).

- *Average value of pulp exports mostly down*

Most customs districts indicated a decrease in the average values for both grades of pulp exports from 1990 to 1991 (table 45). The only increase in average value was seen in the dissolving grade out of the Seattle Customs District.

- *Chip exports increase in three customs districts*

Only the Seattle Customs District had a decrease in the volume of chip exports from 1990 to 1991. Average values of chips increased slightly in all four customs districts (table 46).

Lumber, Plywood, and Veneer Exports

- *Volume of lumber exports falls, except in Oregon*

The lumber export figures showed dramatic drops for the Seattle, Columbia-Snake, and Anchorage Customs Districts from 1990 to 1991 (tables 47 and 52). The only increases in volume were found in California (tables 50 and 51). Second quarter 1992 lumber export volumes were lower than first quarter volumes for all western customs districts except the Columbia-Snake.

- *Average value of lumber higher*

In the Seattle and Columbia-Snake Customs Districts, the average value of lumber exports rose from $486.71 (per thousand board feet) in 1990 to $507.90 in 1991 (table 49). Alaska prices also increased (table 52), but prices in both northern and southern California decreased (tables 50 and 51). Second quarter 1992 prices showed an increase in all the customs districts.

- *Plywood export numbers are up for Washington but down for Oregon*

The Seattle Customs District exported 27.9 percent more plywood in 1991 than in 1990. Plywood exports were down 16.0 percent for the same period in the Columbia-Snake Customs District (table 65).

- *Veneer exports increase in 1991*

Compared with 1990, veneer exports were up 29.5 percent in Oregon and Washington in 1991 (table 67).

Timber Sold by Forest Service Regions

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

The amount of timber sold in Montana and northern Idaho rose only 0.3 percent from 1990 to 1991 (table 68). The volume increased 87.4 percent from the first quarter to the second quarter of 1992.

- *Sold volume rises this quarter in northern California*

In 1991, the volume of timber sold on public lands in northern California dropped 52.6 percent from the 1990 total (table 74). The volume increased 85.5 percent from the first quarter of 1992 to the second quarter.

- *Sold volume in Washington and Oregon increases*

Oregon and Washington showed a decrease of 64.6 percent in the amount of timber sold on public lands from 1990 to 1991 (table 79). The second quarter 1992 volume was 23.3 percent higher than first quarter 1992.

- *Alaska shows decrease*

The volume of timber sold on Alaska public lands decreased 22.1 percent in 1991, compared with total volume for 1990 (table 84).

TABLES AND FIGURES

Table 1--Softwood lumber production in Western United States by region, and U.S. softwood structural panel board production, 1982-92

Year	Softwood lumber production				U.S. softwood structural panel board production[c]
	Total softwood lumber	Western Washington and western Oregon[a]	California redwood region	Inland region[b]	
	Million board feet				Milllion ft^2, 3/8-inch basis
1982	13,724	5,743	1,300	6,681	17,150
1983	18,002	7,934	1,580	8,488	20,926
1984	18,985	8,329	1,664	8,992	22,446
1985	19,068	8,062	1,730	9,276	23,129
1986	21,915	9,412	2,021	10,482	25,911
1987	23,667	10,191	2,202	11,274	27,752
1988	22,454	9,324	2,234	10,896	27,567
1989	22,535	9,412	2,091	11,032	27,153
1990	21,334	8,978	1,942	10,414	27,770
1991	19,773	8,374	1,650	9,749	24,539
1992:					
January	1,582	688	139	755	2,130
February	1,581	675	131	775	2,012
March	1,841	787	151	903	2,084
Total, 1st quarter	5,004	2,150	421	2,433	6,226
April	1,529	643	131	755	2,106
May	1,505	612	123	770	2,123
June	1,521	642	136	743	2,062
Total, 2d quarter	4,555	1,897	390	2,268	6,291
July					
August					
September					
Total, 3d quarter					
October					
November					
December					
Total, 4th quarter					
1992 total					
	2d quarter 1992 change, in percent				
From:					
1st quarter 1992	-9.0	-11.8	-7.4	-6.8	1.0
2d quarter 1991	-12.7	-15.3	-15.8	-9.9	2.3

[a] Includes small amounts of hardwood.

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

[c] 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, 1981-91

(In million board feet)

Year	Washington	Oregon	California[a]	Montana	Idaho
1981	3,243	5,115	3,224	1,032	1,319
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

[a] Includes 1 mill in Nevada.

Source: Western Wood Products Association, Portland, Oregon.

Table 3--Softwood lumber production in the inland region, by species, 1981-91[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
1981	7,147	2,770	164	173	1,570	1,147	269	419	635
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

[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, 1981-91[a]

(In million board feet)

Year	All species	Douglas-fir	Hem-fir[b]	Western redcedar	Incense-cedar	Pine	Other softwoods	Hardwoods
1981	6,270	3,817	1,660	347	60	198	30	158
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

[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, 1981-91[a]

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

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States[b]	Northern States[c]
1981	17,022.9	5,561.6	1,381.7	351.1	1,129.7	8,306.8	292.0
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

[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, 1981-91

Year	Softwood lumber production			Softwood plywood production
	Total	Coast	Interior	
	Million board feet			Million ft^2, 3/8-inch basis
1981	10,424	3,458	6,966	1,923
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

Source: Statistics Canada, Ottawa, Canada.

Table 7--Wholesale prices of selected lumber products, 1981-92

(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
1981	190.00	296.00	483.00	181.00	158.00
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:					
January	262.00	511.00	840.00	249.40	206.00
February	292.50	620.00	840.00	285.00	235.00
March	300.50	611.25	843.75	289.25	256.75
Average, 1st quarter	285.00	580.75	841.25	274.55	232.58
April	298.25	543.75	858.75	292.50	233.50
May	298.00	443.00	860.00	291.00	229.00
June	296.00	367.50	855.00	280.00	225.00
Average, 2d quarter	297.42	451.42	857.92	287.83	229.17
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1992 average					
	2d quarter 1992 change, in percent				
From:					
1st quarter 1992	4.4	-22.3	2.0	4.8	-1.5
2d quarter 1991	16.7	27.9	45.8	15.0	11.4

Source: Random Lengths Publications, Inc.

Table 8--Wholesale prices of selected softwood plywood products, 1981-92

(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
1981	148.00	140.00	203.00
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:			
January	195.00	180.20	254.80
February	224.75	212.25	281.50
March	213.50	206.75	272.50
Average, 1st quarter	211.08	199.73	269.60
April	196.75	191.25	262.00
May	186.80	180.20	258.00
June	207.08	214.25	257.50
Average, 2d quarter	196.88	195.23	259.17
July			
August			
September			
Average, 3d quarter			
October			
November			
December			
Average, 4th quarter			
1992 average			
	- - - - - - - - - 2d quarter 1992 change, in percent - - - - - - - - -		
From:			
1st quarter 1992	-6.7	-2.3	-3.9
2d quarter 1991	5.0	23.0	-0.6

[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, 1981-92[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	
1981	4.5	747	4.1	426	12.9	329	22.0	263	37.7	193	14.8	137	4.0	83	1,662,233
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:															
1st quarter	.2	1,643	1.0	560	11.4	329	26.3	351	49.4	263	7.6	193	4.1	114	677,980
2d quarter	.4	1,458	1.0	624	10.9	350	24.5	346	52.4	269	6.8	208	3.9	141	659,654
3d quarter															
4th quarter															
1992 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, 1981-92[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.	
1981	1.0	.3	.8	1.1	3.3	5.9	3.1	14.8	13.4	4.7	3.9	8.7	25.7	10.0	1.5	1.8	1,474,420
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:																	
1st quarter	.4	.1	.3	.6	1.7	6.6	3.0	18.7	26.5	10.4	2.6	4.3	17.6	4.1	1.0	2.1	397,595
2d quarter	.5	.1	.3	.8	2.1	6.5	3.2	20.9	26.8	7.5	3.1	6.0	15.7	3.8	.9	1.7	373,345
3d quarter																	
4th quarter																	
1992 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, 1981-92

(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.
1981	1,110	965	608	467	333	817	589	509	355	218	385	278	245	164	127	89
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:																
1st quarter	1,590	1,378	1,075	817	592	1,384	977	852	697	369	645	473	365	214	192	123
2d quarter	1,796	1,496	1,203	905	669	1,449	999	874	710	373	664	414	402	260	240	151
3d quarter																
4th quarter																
1992 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, 1981-92[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	
1981	2.4	602	8.9	318	0.7	217	20.0	233	43.2	185	17.4	129	7.3	89	774,018
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:															
1st quarter	1.5	862	5.5	514	3.3	316	29.9	326	45.7	258	9.5	172	4.5	116	359,072
2d quarter	1.5	952	6.3	555	2.8	342	33.4	333	42.0	286	8.8	218	5.3	149	356,546
3d quarter															
4th quarter															
1992 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, 1981-92[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	
1981	1.2	661	5.4	362	6.2	229	7.8	244	58.0	183	14.6	131	6.8	79	582,672
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:															
1st quarter	.1	1,111	1.6	466	4.8	307	19.6	336	60.2	257	7.8	180	5.9	117	215,434
2d quarter	.1	841	1.7	502	6.1	335	16.2	322	63.1	277	6.9	217	5.9	146	224,659
3d quarter															
4th quarter															
1992 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, 1986-92

(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:				
1st quarter	203.46	915.00	339.44	843.71
2d quarter	235.00	927.31	437.56	857.83
3d quarter	232.00	948.00	579.82	864.58
4th quarter	225.00	965.00	541.83	917.79
1991 average	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				
4th quarter				
1992 average				

NA = not available.

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

Table 15--Washington and Oregon timber harvest by ownership, 1981-91

(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:							
1981	3,266	468	875	1	260	20	4,890
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
Oregon:							
1981	2,702	216	1,981	677	95	24	5,695
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	P2,753	P90	P2,068	P486	P87	P27	P5,511

P = preliminary.

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

Table 16–British Columbia timber harvest, 1981-91

(In thousand cubic meters)

Year	Coast[a]	Interior[b]	Total
1981	31 243	41 341	72 584
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

[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, 1981-91

(In million board feet, Scribner scale)

State and year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest	Total
Montana:						
1981	434.0	28.9	38.0	9.1	432.5	942.5
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
Idaho:						
1981	727.7	149.5	8.6	18.9	564.0	1,468.7
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

Source: Respective agencies.

Table 18--Alaska timber harvest by ownership, 1980-90

(In thousand board feet, Scribner scale)

Year	State	Private	Bureau of Indian Affairs	Bureau of Land Management			National Forest			Total
				Free use	Cut	Total	Tongass	Chugach	Total	
1980	47,547	137,600	17,000	484	50	534	452,121	1,565	453,686	656,367
1981	53,687	152,900	702	330	32	362	385,690	1,814	387,504	595,155
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

Source: Respective agencies.

Table 19--California timber harvest by ownership, 1980-90

(In million board feet, Scribner scale)

Year	Private[a]	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest[a]	Total
1980	1,863	20	42	8	1,508	3,441
1981	1,722	15	22	7	1,093	2,859
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

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

Source: Respective agencies.

Table 20--Employment in forest products industries in Washington and Oregon, 1981-92

(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
1981	135.7	108.2	27.5	61.6	44.4	17.2	74.1	63.8	10.3
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:									
January	115.4	88.5	26.9	53.1	35.3	17.8	62.3	53.2	9.1
February	115.6	88.8	26.8	53.1	35.4	17.7	62.5	53.4	9.1
March	116.1	89.2	26.9	53.5	35.7	17.8	62.6	53.5	9.1
Average, 1st quarter	115.7	88.8	26.9	53.2	35.5	17.8	62.5	53.4	9.1
April	116.7	89.9	26.8	53.5	35.8	17.7	63.2	54.1	9.1
May	117.5	90.9	26.6	53.7	36.3	17.4	63.8	54.6	9.2
June	119.6	92.4	27.2	54.6	36.7	17.9	65.0	55.7	9.3
Average, 2d quarter	117.9	91.1	26.9	53.9	36.3	17.7	64.0	54.8	9.2
July									
August									
September									
Average, 3d quarter									
October									
November									
December									
Average, 4th quarter									
1992 average									
	2d quarter 1992 change in employment								
From:									
1st qtr. 1992	2.2	2.3	0	.7	.8	-.1	1.5	1.4	.1
2d qtr. 1991	-5.2	-4.7	-.4	-2.6	-2.3	-.2	-2.6	-2.5	-.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, 1981-91

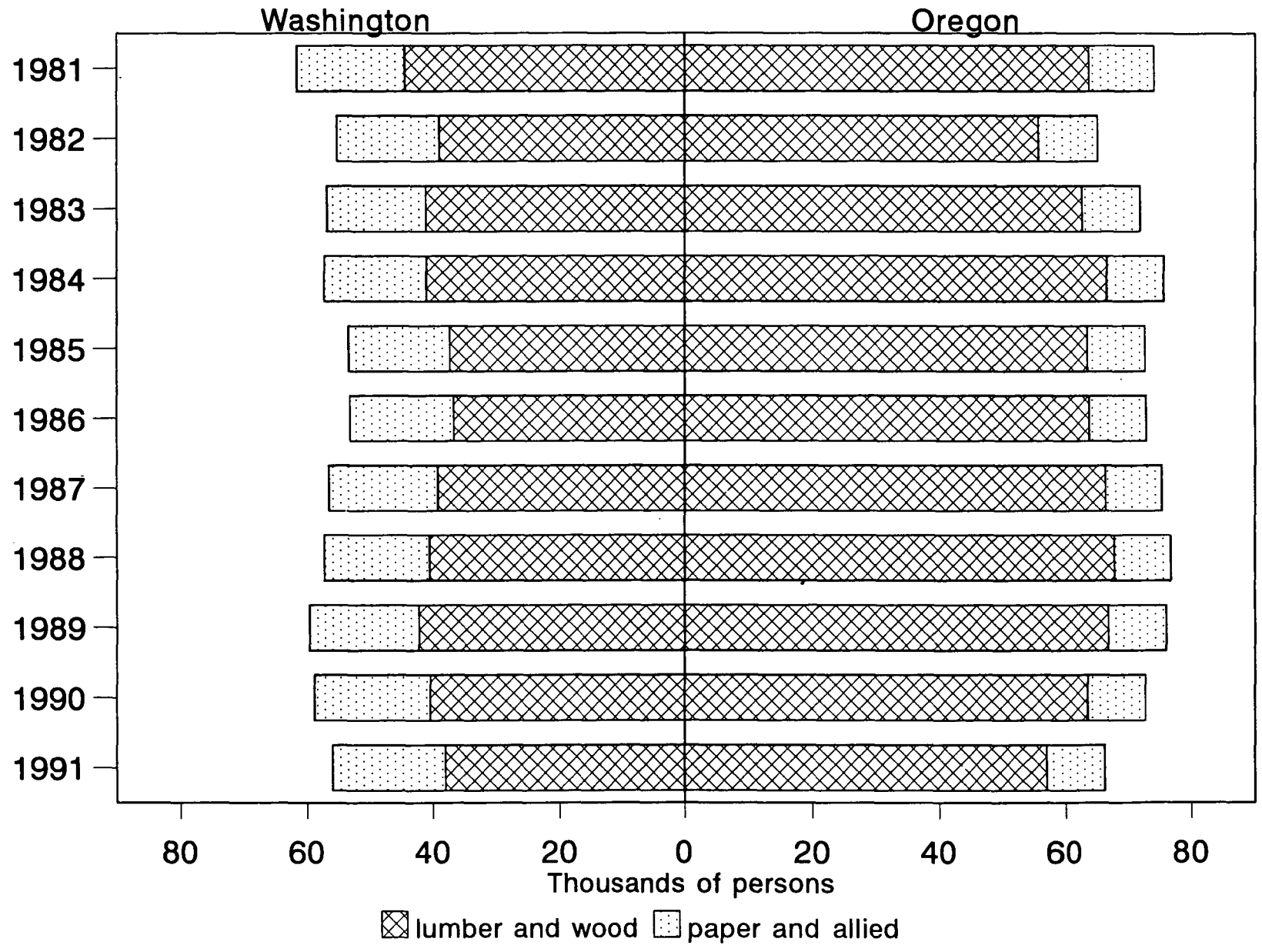

Table 21--Employment in forest products industries in California and Alaska, 1981-92

(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
1981	96.6	57.9	38.7	2.8	1.9	.9
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:						
January	NA	NA	NA	2.2	1.3	.9
February	NA	NA	NA	2.4	1.5	.9
March	NA	NA	NA	2.9	2.0	.9
Average, 1st quarter	NA	NA	NA	2.5	1.6	.9
April	NA	NA	NA	3.1	2.2	.9
May	NA	NA	NA	3.2	2.3	.9
June	NA	NA	NA	3.3	2.4	.9
Average, 2d quarter	NA	NA	NA	3.2	2.3	.9
July						
August						
September						
Average, 3d quarter						
October						
November						
December						
Average, 4th quarter						
1992 average						
	- - - - - - - - - - - - - - - - 2d quarter 1992 change in employment - - - - - - - - - - - - - - - -					
From:						
1st quarter 1992	NA	NA	NA	.7	.7	0
2d quarter 1991	NA	NA	NA	-.4	-.4	0

NA = not available.

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

Table 22--Employment in forest products industries in Montana and Idaho, 1981-92

(In thousands of persons)

Year	Montana			Idaho	
	Lumber and wood products	Paper and allied products	Total	Lumber and wood products	Paper and allied products
1981	8.8	a	16.6	15.1	1.5
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:					
January	7.3	a	15.9	13.5	2.4
February	7.2	a	15.4	13.0	2.4
March	7.0	a	14.6	12.2	2.4
Average, 1st quarter	7.2	a	15.3	12.9	2.4
April	6.8	a	14.6	12.2	2.4
May	7.1	a	15.6	13.2	2.4
June	7.5	a	16.4	13.8	2.6
Average, 2d quarter	7.1	a	15.5	13.1	2.5
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1992 average					
	- - - - - - - - - - - - - 2d quarter 1992 change in employment - - - - - - - - - - - - -				
From:					
1st quarter 1992	-.1	a	.2	.2	.1
2d quarter 1991	.2	a	.6	.7	.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 23--Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92

(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							
1981	1,987.2	1,017.2	807.3	147.2	1,315.9	579.0	623.5	113.4	671.3	438.1	183.9	15.5	33.8
1982	2,567.6	1,427.8	996.8	131.7	1,596.8	729.8	765.1	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	167.0	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	1,163.8	220.5	2,294.8	1,216.8	921.9	156.0	1,387.4	1,062.2	241.9	18.8	64.5
1989	3,614.1	2,034.1	1,350.7	217.1	2,356.9	1,158.1	1,029.6	169.0	1,257.2	876.0	321.1	12.1	48.0
1990	3,008.4	1,863.1	941.9	192.5	1,932.1	1,076.8	717.6	137.7	1,076.2	786.3	224.3	10.9	54.8
1991:													
1st qtr.	702.9	440.1	224.0	38.8	424.5	233.0	167.2	24.3	278.4	207.1	56.8	1.5	13.0
2d qtr.	657.3	397.3	220.5	39.5	380.1	193.1	164.0	23.0	277.2	204.2	56.5	2.8	13.7
3d qtr.	587.2	353.5	195.1	38.6	389.2	209.7	154.7	24.8	198.0	143.8	40.4	2.5	11.3
4th qtr.	595.0	383.8	178.4	32.8	354.5	198.3	136.7	19.5	240.5	185.5	41.7	1.9	11.4
1991 total	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	186.4	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.													
4th qtr.													
1992 total													
						TO JAPAN							
1981	1,603.9	846.5	629.0	113.0	1,003.4	452.7	467.5	83.2	600.6	393.8	161.5	15.5	29.8
1982	1,738.2	990.6	647.0	89.3	992.9	457.6	462.9	72.4	745.3	533.0	184.1	11.3	16.9
1983	1,591.3	895.7	587.4	99.2	933.7	430.4	428.1	75.2	657.6	465.3	159.3	8.9	24 1
1984	1,519.4	912.0	521.8	74.7	889.1	427.2	400.6	61.3	630.2	484.8	121.2	10.8	13.4
1985	1,617.1	1,014.8	521.2	69.1	916.4	454.6	406.3	55.5	700.6	560.2	114.9	11.9	13.6
1986	1,768.7	1,216.2	465.0	75.4	945.0	524.2	362.7	58.1	823.7	692.0	102.3	12.1	17.2
1987	2,048.8	1,374.4	562.6	100.8	1,138.5	635.9	435.6	66.9	910.4	738.5	127.0	11.0	33.8
1988	2,021.3	1,398.0	472.0	134.2	1,109.4	669.0	353.3	87.1	912.0	729.0	118.7	17.1	47.2
1989	2,423.8	1,606.7	663.3	142.7	1,471.9	850.3	520.2	101.4	952.0	756.4	143.1	11.2	41 3
1990	2,114.4	1,526.1	451.2	127.2	1,271.1	846.1	349.3	75.7	843.3	680.0	101.9	9.9	51.5
1991:													
1st qtr.	496.9	375.3	94.1	27.5	276.2	188.9	73.1	14.2	220.7	186 4	21 0	1.2	12.1
2d qtr.	410.9	301.6	85.0	24.3	216.9	139.9	65 3	11.7	194.0	161.7	19.7	2.5	10.1
3d qtr.	403.7	290.4	89.8	23.5	252.7	166.7	74.3	11.7	151.0	123.7	15.5	1.9	9.9
4th qtr.	402.2	295.9	83.9	22.4	225.6	145.9	69.3	10.4	176.6	150.0	14.6	1.4	10.6
1991 total	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.													
4th qtr.													
1992 total													
						TO CANADA							
1981	1.3	.4	0	.9	1.3	.4	0	.9	0	0	0	0	0
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:													
1st qtr.	15.5	1.7	13.6	.2	15.5	1.7	13.6	.2	0	0	0	0	0
2d qtr.	10.4	.8	8.3	1.3	10.4	.8	8.3	1.3	0	0	0	0	0
3d qtr.	2.2	1.0	.2	1.0	2.2	1.0	.2	1.0	0	0	0	0	0
4th qtr.	1.1	.1	0	1.0	1.1	.1	0	1.0	0	0	0	0	0
1991 total	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.													
4th qtr.													
1992 total													

Table 23--Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92 (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							
1981	147.8	10.9	126.4	10.5	132.7	9.3	113.5	9.8	15.2	1.6	12.9	0.0	.6
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	6.9	241.5	15.3	34.0	3.8	22.7	0	7.4
1986	325.6	9.8	297.4	18.4	294.6	8.7	267.9	18.0	31.0	1.1	29.5	0	.3
1987	408.1	14.4	360.1	33.2	362.2	11.1	321.4	29.7	45.9	3.3	38.7	.5	3.4
1988	489.8	14.6	432.2	43.1	416.1	10.7	364.6	40.9	73.7	3.9	67.6	0	2.2
1989	658.1	17.4	592.2	48.6	515.3	16.1	452.5	46.8	142.8	1.3	139.7	0	1.8
1990	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:													
1st qtr.	119.6	7.2	107.5	4.9	84.2	2.4	77.4	4.4	35.4	4.8	30.1	0	.5
2d qtr.	135.6	2.6	124.3	8.7	98.5	1.3	89.8	7.4	37.1	1.3	34.5	0	1.3
3d qtr.	114.3	1.5	104.1	8.7	88.0	.9	79.4	7.7	26.3	.6	24.7	0	1.0
4th qtr.	76.2	1.2	70.9	4.1	49.7	1.1	45.0	3.6	26.5	.1	25.9	0	.5
1991 total	445.6	12.5	406.7	26.3	320.3	5.7	291.6	23.0	125.3	6.8	115.1	0	3.3
1992:													
1st qtr.	109.2	.4	97.4	11.4	93.6	.4	81.9	11.3	15.6	0	15.5	0	.1
2d qtr.	66.4	1.5	59.2	5.6	57.1	.9	50.9	5.3	9.4	.7	8.4	0	.3
3d qtr.													
4th qtr.													
1992 total													
						TO PEOPLE'S REPUBLIC OF CHINA							
1981	219.2	149.6	51.3	18.3	170.8	111.1	42.3	17.4	48.5	38.5	9.0	0	.9
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:													
1st qtr.	63.4	51.5	7.4	4.5	43.2	36.9	1.8	4.5	20.2	14.6	5 6	0	0
2d qtr.	91.2	86.7	2.2	2.3	45.9	45.9	0	0	45.3	40.8	2.2	0	2.3
3d qtr.	55.8	52.7	.0	3.1	38.2	35.1	0	3.1	17.6	17.6	0	0	0
4th qtr.	111.1	84.3	22.5	4.3	75.9	50.2	21.4	4.3	35.2	34.1	1.1	0	0
1991 total	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.													
4th qtr.													
1992 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, 1981-91

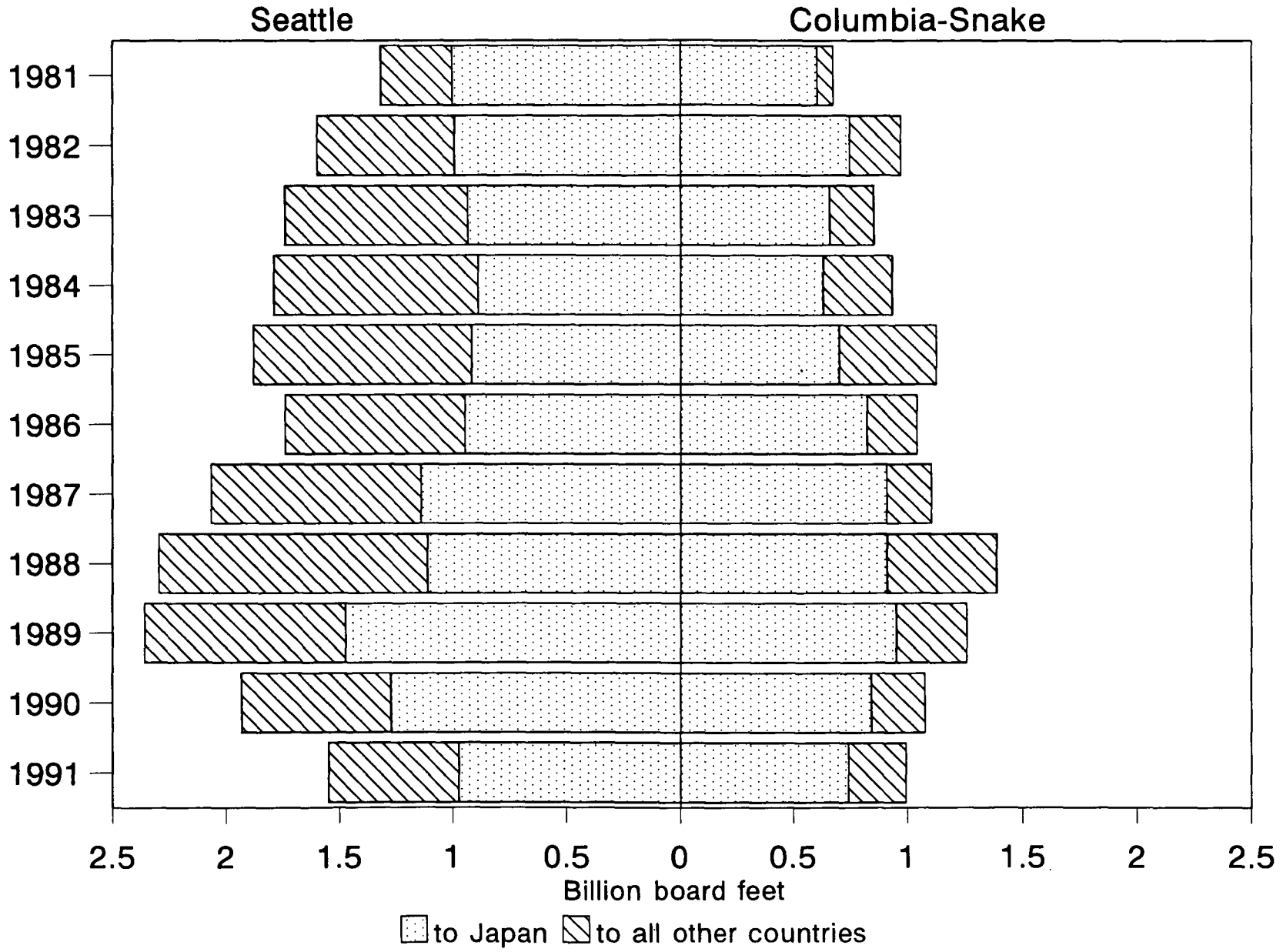

Table 24--Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92

(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							
1981	882,942	476,653	311,019	70,359	565,564	266,847	244,005	54,712	317,378	209,806	67,014	24,911	15,647
1982	1,014,909	600,254	343,068	52,868	605,089	299,524	264,048	41,517	409,820	300,730	79,020	18,719	11,351
1983	892,436	500,178	315,838	65,413	580,518	272,311	257,346	50,861	311,918	227,867	58,492	11,007	14,552
1984	803,796	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	29,857
1989	1,724,771	1,076,505	493,309	123,111	1,046,195	567,083	384,730	94,381	678,577	509,422	108,579	31,846	28,730
1990	1,681,850	1,093,869	454,374	104,487	1,014,303	592,289	349,177	72,837	667,547	501,580	105,197	29,120	31,650
1991:													
1st qtr.	398,157	269,965	103,061	25,131	228,425	134,000	80,362	14,063	169,732	135,965	22,699	3,761	7,307
2d qtr.	368,763	238,873	101,964	27,926	207,721	116,635	76,841	14,245	161,042	122,238	25,123	7,450	6,231
3d qtr.	337,145	213,008	95,869	28,268	214,804	123,052	77,328	14,424	122,341	89,956	18,541	7,077	6,767
4th qtr.	341,772	233,430	85,913	22,429	192,281	117,574	65,022	9,685	149,491	115,856	20,891	5,984	6,760
1991 total	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	65,543	11,134	132,054	112,300	11,380	5,889	2,485
3d qtr.													
4th qtr.													
1992 total													
						TO JAPAN							
1981	740,943	404,395	253,560	58,099	451,171	213,444	193,772	43,955	289,772	190,951	59,788	24,889	14,144
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:													
1st qtr.	308,653	237,604	52,702	18,347	163,697	113,097	42,183	8,417	144,956	124,507	10,519	3,243	6,687
2d qtr.	256,926	192,229	45,752	18,945	133,530	90,948	35,755	6,827	123,396	101,281	9,997	6,829	5,289
3d qtr.	255,268	184,988	50,925	19,355	154,575	104,899	42,394	7,282	100,693	80,089	8,531	5,986	6,087
4th qtr.	254,803	191,380	46,535	16,888	137,353	93,591	38,486	5,276	117,450	97,789	8,049	5,231	6,381
1991 total	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	99,669	85,643	7,506	1,427	5,093
2d qtr.	310,159	251,967	44,293	13,899	184,954	141,504	37,157	6,293	125,205	110,463	7,136	5,701	1,905
3d qtr.													
4th qtr.													
1992 total													
						TO CANADA							
1981	463	173	17	273	463	173	17	273	--	--	--	--	--
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:													
1st qtr.	5,007	651	4,292	64	5,007	651	4,292	64	--	--	--	--	--
2d qtr.	3,016	163	2,460	393	3,016	163	2,460	393	--	--	--	--	--
3d qtr.	783	349	111	323	783	349	111	323	--	--	--	--	--
4th qtr.	368	30	--	338	368	30	--	338	--	--	--	--	--
1991 total	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.													
4th qtr.													
1992 total													

Table 24--Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92 (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							
1981	47,481	4,027	39,591	3,863	43,048	3,513	35,896	3,639	4,433	514	3,695	--	224
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	62,197	9,880	8,069	851	5,159	--	2,059
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	85,611	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	296	7,913	23	116
1987	126,745	4,952	104,680	16,935	112,289	3,871	93,149	15,269	14,456	1,080	11,531	178	1,667
1988	191,804	6,210	162,541	23,053	163,755	4,622	137,250	21,884	28,047	1,588	25,291	--	1,169
1989	216,548	6,655	182,826	27,068	172,501	6,094	140,425	25,982	44,047	560	42,401	--	1,086
1990	219,402	8,264	191,506	19,624	166,129	4,880	142,339	18,910	53,273	3,384	49,167	8	714
1991:													
1st qtr.	50,479	3,991	43,366	3,122	36,952	1,268	32,792	2,892	13,527	2,723	10,574	--	230
2d qtr.	59,503	1,214	53,170	5,119	43,507	561	38,342	4,604	15,996	653	14,828	--	515
3d qtr.	50,527	805	44,516	5,206	39,889	521	34,563	4,805	10,638	284	9,953	--	401
4th qtr.	33,386	509	30,502	2,375	21,125	484	18,512	2,129	12,261	25	11,990	--	246
1991 total	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.													
4th qtr.													
1992 total													
						TO PEOPLE'S REPUBLIC OF CHINA							
1981	88,000	63,977	17,629	6,394	67,639	47,363	14,250	6,026	20,361	16,614	3,379	--	368
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	164,982	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	103,609	9,779	--	3,627
1986	176,472	110,633	60,184	5,656	128,869	69,348	56,570	2,950	447,604	41,284	3,614	--	2,706
1987	158,384	113,984	41,361	3,039	123,661	84,867	37,120	1,673	34,723	29,116	4,241	--	1,366
1988	410,693	325,151	78,648	6,874	268,504	202,915	60,973	4,617	142,188	122,236	17,675	20	2,257
1989	168,362	145,035	20,786	2,476	110,098	97,616	10,179	2,303	58,265	47,420	10,607	65	173
1990	164,786	150,037	11,234	3,411	106,540	97,341	6,064	3,135	58,246	52,695	5,170	105	276
1991:													
1st qtr.	29,211	25,075	2,212	1,924	19,933	17,337	672	1,924	9,278	7,738	1,540	--	--
2d qtr.	40,927	40,331	298	298	20,490	20,490	--	--	20,437	19,841	298	--	298
3d qtr.	23,314	22,243	--	1,071	15,052	13,981	--	1,071	8,262	8,262	--	--	--
4th qtr.	49,822	39,808	8,443	1,571	32,214	22,980	7,663	1,571	17,608	16,828	780	--	--
1991 total	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.													
4th qtr.													
1992 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) 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 25--Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92

(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							
1981	444.32	468.61	385.26	477.98	429.80	460.85	391.35	482.47	472.80	478.88	364.40	1,605.09	462.93
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	1,495.86	485.21
1988	468.71	473.26	423.23	541.87	450.04	450.87	427.90	574.52	499.59	498.91	405.42	1,875.39	462.90
1989	476.89	529.22	365.22	567.07	443.37	489.66	373.67	558.47	539.73	581.52	338.15	2,628.43	598.54
1990	559.05	587.13	482.42	542.67	524.97	550.04	486.61	528.77	620.26	637.93	469.02	2,672.54	577.63
1991:													
1st qtr.	566.45	613.42	460.09	647.71	538.10	575.11	480.63	578.72	609.67	656.52	399.63	2,507.33	562.08
2d qtr.	561.03	601.24	462.42	706.99	546.49	604.01	468.54	619.35	580.96	598.62	444.65	2,660.71	454.82
3d qtr.	574.16	602.57	491.38	732.33	551.91	586.80	499.86	581.61	617.88	625.56	458.94	2,830.80	598.85
4th qtr.	574.41	608.21	481.58	683.81	542.40	592.91	475.66	496.67	621.58	624.56	500.98	3,149.47	592.98
1991 avg.	568.69	606.64	472.87	693.08	544.62	588.90	481.21	572.24	606.18	626.54	446.77	2,789.89	547.87
1992:													
1st qtr.	580.26	632.28	471.77	642.29	566.54	629.25	474.33	645.09	607.76	636.39	458.69	681.52	627.02
2d qtr.	655.50	724.04	482.87	748.38	624.01	720.43	479.58	587.61	718.47	729.01	502.78	1,796.52	646 97
3d qtr.													
4th qtr.													
1992 avg.													
						TO JAPAN							
1981	461.95	477.74	403.12	514.15	449.65	471.47	414.49	528.31	482.51	484.95	370.20	1,606.26	474.63
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	365.60	361.39	299.77	1,169.03	390.15
1986	364.59	370.77	314.74	484.28	345.74	349.32	315.93	499.74	386.21	387.01	310.54	910.36	435.00
1987	448.24	445.52	406.35	594.20	433.58	425.65	413.40	640.66	466.58	462.63	382.17	1,590.66	504.05
1988	532.26	522.09	500.80	566.62	514.64	497.14	521.67	620.39	553.69	544.98	438.67	1,965.04	466.19
1989	537.31	565.10	424.43	580.32	499.10	530.37	435.36	563.60	596.39	604.14	384.72	2,697.03	621.38
1990	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:													
1st qtr.	621.16	633.10	560.06	667.16	592.68	598.71	577.06	592.75	656.80	667.96	500.90	2,702.50	552.64
2d qtr.	625.28	637.36	538.26	779.63	615.63	650.09	547.55	583.50	636.06	626.35	507.46	2,731.60	523.66
3d qtr.	632.32	637.01	567.09	823.62	611.69	629.27	570.58	622.39	666.84	647.45	550.39	3,150.53	614.85
4th qtr.	633.52	646.77	554.65	753.93	608.83	641.47	555.35	507.31	665.06	651.93	551.30	3,736.43	601.98
1991 avg.	627.68	638.22	555.31	752.66	606.50	627.59	563.18	579.21	655.48	649.19	523.96	3,085.36	572.46
1992:													
1st qtr.	636.58	659.37	541.09	676.21	629.58	656.02	546.20	719.42	648.04	663.90	517.66	633.20	636.63
2d qtr.	704.28	736.23	533.71	916.70	684.10	740.32	529.80	692.45	736.35	731.04	555.03	1,851.58	636.06
3d qtr.													
4th qtr.													
1992 avg.													
						TO CANADA							
1981	347.60	441.33	--	303.33	347.60	441.33	--	303.33	--	--	--	--	--
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	329.39	276.95	--	--	--	--	--
1991:													
1st qtr.	323.03	382.94	315 59	320.00	323.03	382.94	315.59	320.00	--	--	--	--	--
2d qtr.	290.00	203.75	296.39	302.31	290.00	203.75	296.39	302.31	--	--	--	--	--
3d qtr.	355.91	349.00	555.00	323.00	355.91	349.00	555.00	323.00	--	--	--	--	--
4th qtr.	334.55	300.00	--	338.00	334.55	300.00	--	338.00	--	--	--	--	--
1991 avg.	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.													
4th qtr.													
1992 avg.													

Table 25--Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92 (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							
1981	321.18	368.81	313.22	367.90	324.46	376.41	316.26	371.33	292.45	324.29	286.43	--	373.33
1982	299.98	329.71	296.29	297.15	302.81	341.26	298.47	294.70	281.94	260.32	282.43	--	302.59
1983	296.80	282.70	281.71	438.93	295.74	282.21	282.07	439.11	307.16	285.38	277.37	--	438.09
1984	292.67	286.83	281.32	419.81	291.41	283.51	281.46	410.66	303.51	299.92	279.18	281.14	467.67
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:													
1st qtr.	422.07	554.31	403.40	637.14	438.86	528.33	423.67	657.27	382.12	567.29	351.30	--	460.00
2d qtr.	438.81	466.92	427.76	588.39	441.70	431.54	426.97	622.16	431.16	502.31	429.80	--	396.15
3d qtr.	442.06	536.67	427.63	598.39	453.28	578.89	435.30	624.03	404.49	473.33	402.96	--	401.00
4th qtr.	438.14	424.17	430.21	579.27	425.05	440.00	411.38	591.39	462.68	250.00	462.93	--	492.00
1991 avg.	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	686.28	429.64	535.51	442.36	600.00	429.21	542.60	457.81	797.02	432.23	--	415.87
3d qtr.													
4th qtr.													
1991 avg.													
						TO PEOPLE'S REPUBLIC OF CHINA							
1981	401.39	427.68	343.65	349.40	396.06	426.47	336.88	346.32	420.18	431.15	375.44	--	408.89
1982	388.44	406.87	339.54	327.94	385.27	406.20	341.30	330.94	394.97	407.99	329.68	--	325.26
1983	315.28	325.17	289.77	299.92	308.14	317.77	290.49	289.36	338.64	342.38	275.70	--	334.14
1984	313.50	318.92	298.75	294.55	312.11	319.18	296.67	300.43	316.71	318.46	317.75	--	287.86
1985	303.22	309.02	290.92	281.40	302.88	309.89	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:													
1st qtr.	460.74	486.89	298.92	427.56	461.41	469.84	373.33	427.56	459.31	530.00	275.00	--	--
2d qtr.	448.76	465.18	135.45	129.57	446.41	446.41	--	--	451.15	486.30	135.45	--	129.57
3d qtr.	417.81	422.07	--	345.48	394.03	398.32	--	345.48	469.43	469.43	--	--	--
4th qtr.	448.44	472.22	375.24	365.35	424.43	457.77	358.08	365.35	500.23	493.49	709.09	--	--
1991 avg.	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.													
4th qtr.													
1992 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 26--Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1981-92

(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								
1981	25,586	489.21	5,890	393.89	1,381	1,398.26	18,315	451.32
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	1,764	861.68	29,012	339.93
1985	62,580	299.66	33,967	284.72	1,272	591.98	27,341	304.60
1986	26,211	319.41	4,147	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:								
1st quarter	6,824	495.02	778	500.00	0	--	6,046	494.38
2d quarter	1,322	532.53	0	--	0	--	1,322	532.53
3d quarter								
4th quarter								
1992 total and average value								
TO JAPAN								
1981	20,708	521.73	1,024	595.70	1,381	1,398.26	18,303	451.46
1982	9,022	331.19	3,270	355.35	6	666.67	5,746	317.09
1983	24,308	351.94	3,626	311.64	300	1,026.67	20,382	349.23
1984	26,251	397.58	2,954	389.64	1,764	861.68	21,533	360.66
1985	25,243	325.79	3,956	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:								
1st quarter	3,000	466.33	778	500.00	0	--	2,222	454.55
2d quarter	21	1,571.43	0	--	0	--	21	1,571.43
3d quarter								
4th quarter								
1992 total and average value								
TO PEOPLE'S REPUBLIC OF CHINA								
1981	0	--	0	--	0	--	0	--
1982	9,292	352.35	9,282	351.00	0	--	10	1,600.00
1983	8,302	314.62	0	--	0	--	8,302	314.62
1984	18,276	326.55	12,756	340.39	0	--	5,520	294.57
1985	37,305	281.65	30,011	281.20	0	--	7,294	283.52
1986	7,097	287.73	3,900	260.00	0	--	3,197	321.55
1987	0	--	0	--	0	--	0	--
1988	43,713	429.00	12,881	434.52	0	--	30,832	426.70
1989	9,355	363.01	2,944	518.34	1	2,000.00	6,409	291.47
1990	18,755	449.00	5,912	459.24	0	--	12,843	444.29
1991	28,493	408.31	8,874	429.34	0	--	19,619	398.80
1992:								
1st quarter	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter								
4th quarter								
1992 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, 1981-91

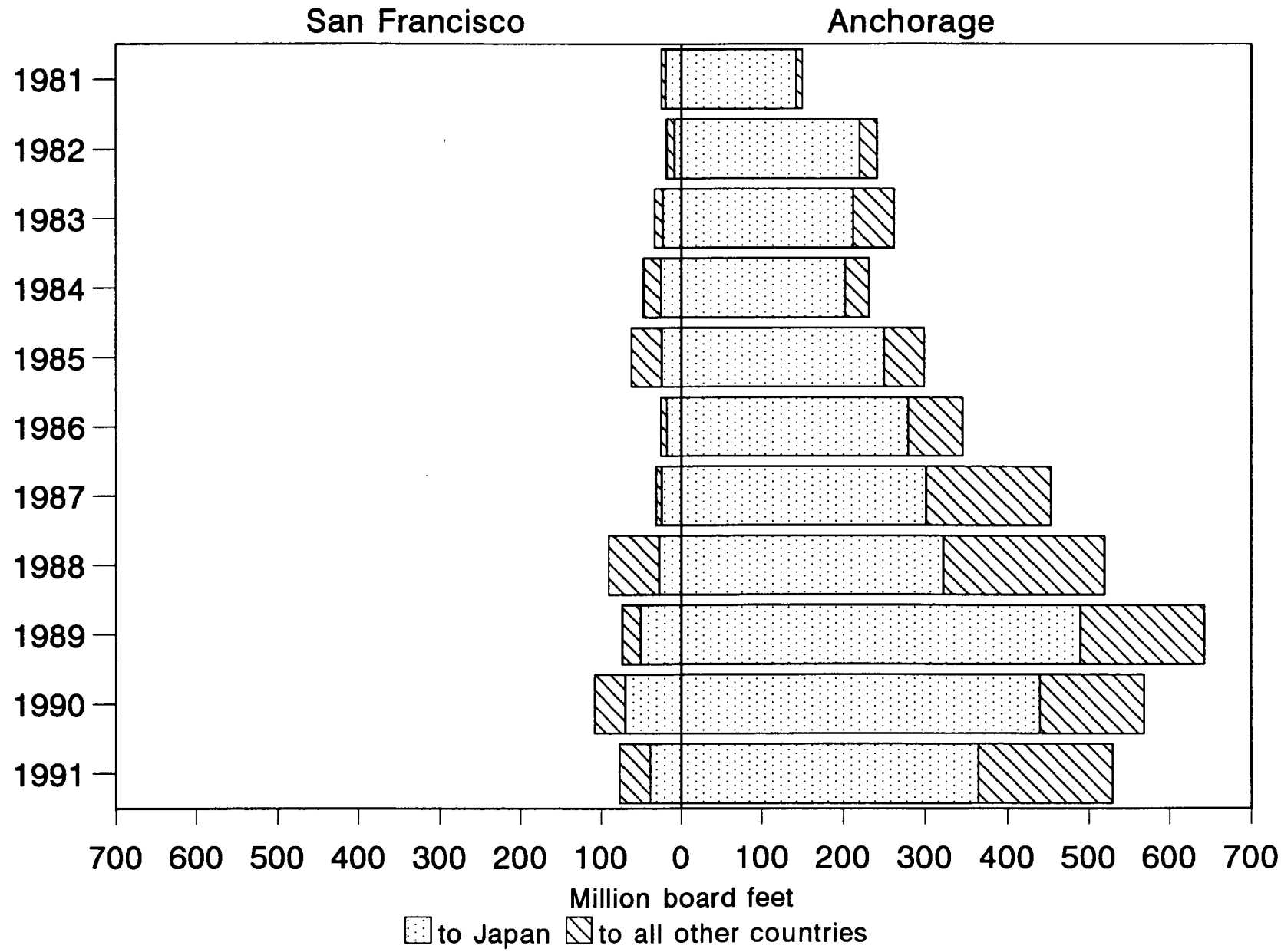

Table 27--Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1981-92

(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								
1981	149,208	480.54	60,094	382.17	9,610	299.38	69,631	578.85
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:								
1st quarter	73,431	605.47	27,374	435.93	5,802	493.45	32,281	746.32
2d quarter	149,699	586.65	67,621	466.29	9,805	371.24	63,262	716.94
3d quarter								
4th quarter								
1992 total and average value								
TO JAPAN								
1981	141,209	491.51	60,094	382.17	3,971	276.76	69,566	578.01
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	476.00	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:								
1st quarter	51,038	661.04	15,193	496.54	998	402.81	28,232	743.38
2d quarter	100,868	652.57	37,637	570.72	3,910	398.72	51,640	698.94
3d quarter								
4th quarter								
1992 total and average value								
TO PEOPLE'S REPUBLIC OF CHINA								
1981	3,205	377.54	0	--	2,977	355.06	65	1,476.92
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:								
1st quarter	4,263	686.37	1,561	317.10	0	--	2,702	899.70
2d quarter	4,894	973.03	0	--	0	--	4,894	973.03
3d quarter								
4th quarter								
1992 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 28--Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1991

(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	192,427	562.98	118,539	621.67	63,074	459.95	2,296	485.04	0	--
Redcedar	17,244	707.39	5,676	777.43	0	--	10,317	696.05	0	--
Hemlock	238,522	475.02	96,232	555.34	8,994	340.43	132,056	427.34	0	--
Spruce	13,264	506.45	5,558	602.76	4,523	347.32	2,017	382.46	0	--
Other softwoods	9,269	542.48	4,455	670.50	4,517	425.94	153	344.12	0	--
All softwoods	470,726	521.70	230,460	598.30	81,109	438.52	146,840	446.42	0	--
All hardwoods	59,840	7.53	299	362.47	0	--	59,540	5.74	0	--
Red alder	387	337.12	0	--	0	--	387	337.12	0	--
Anacortes:										
Douglas-fir	42,147	601.96	39,728	597.32	0	--	0	--	1,837	402.72
Redcedar	50	506.70	0	--	0	--	0	--	50	506.70
Hemlock	31,813	387.17	8,409	518.13	0	--	5,407	449.74	17,997	307.17
Other softwoods	1,465	342.99	1,465	342.99	0	--	0	--	0	--
All softwoods	75,475	506.33	49,603	576.38	0	--	5,407	449.74	19,884	316.50
Hardwoods	77	291.40	77	291.40	0	--	0	--	0	--
Everett:										
Douglas-fir	160,065	556.10	133,131	596.49	23,962	338.38	1,260	386.73	0	--
Redcedar	3,119	608.70	660	703.42	0	--	2,035	570.15	0	--
Hemlock	103,312	463.99	49,318	552.63	5,095	301.22	47,870	390.37	0	--
Spruce	3,830	524.85	2,498	548.36	894	350.39	0	--	0	--
Other softwoods	4,969	575.80	4,496	600.86	0	--	473	337.37	0	--
All softwoods	275,295	522.05	190,104	584.96	29,951	332.42	51,638	396.88	0	--
Hardwoods	11,923	789.49	7,202	1,080.95	0	--	4,426	333.07	0	--
Red alder	667	306.62	0	--	0	--	583	255.08	0	--
Olympia:										
Douglas-fir	2,862	675.15	0	--	2,862	675.15	0	--	0	--
Port Angeles:										
Douglas-fir	32,514	625.34	31,605	627.61	0	--	908	546.19	0	--
Redcedar	4,836	631.85	470	973.10	0	--	4,365	595.09	0	--
Hemlock	117,009	517.29	42,579	612.14	4,172	385.99	70,258	467.61	0	--
Spruce	5,694	589.30	2,150	863.08	1,874	393.61	1,670	456.38	0	--
Other softwoods	2,253	387.38	2,175	387.36	0	--	79	387.97	0	--
All softwoods	162,306	543.07	78,979	621.12	6,046	388.35	77,281	475.41	0	--
All hardwoods	2,036	192.09	92	469.84	0	--	1,944	178.94	0	--
Seattle:										
Douglas-fir	7,421	735.95	5,579	736.89	0	--	0	--	0	--
Port-Orford-cedar	579	1,764.71	15	2,900.43	0	--	0	--	0	--
Redcedar	579	802.26	16	1,4440.3	0	--	209	560.26	0	--
Hemlock	6,434	785.63	5,335	870.78	0	--	0	--	0	--
Spruce	294	1,476.89	106	698.81	0	--	173	1,982.55	0	--
Other softwoods	2,070	949.61	715	1,033.45	0	--	642	1,111.71	0	--
All softwoods	17,376	828.82	11,766	819.06	0	--	1,024	1,146.24	0	--
All hardwoods	16,684	1,236.21	3,300	1,947.43	0	--	7,739	1,465.49	0	--
Red alder	562	855.80	253	962.86	0	--	49	883.80	0	--

Table 28--Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1991 (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	390,354	606.37	309,150	643.39	78,107	457.54	1,260	578.23	0	--
Port-Orford-cedar	6	806.18	0	--	0	--	0	--	0	--
Redcedar	1,691	657.86	1,440	607.14	0	--	149	593.93	0	--
Hemlock	116,979	489.24	79,660	538.31	4,938	431.04	32,218	377.40	0	--
Spruce	1,898	544.98	1,791	537.84	35	412.80	0	--	0	--
Other softwoods	14,181	429.85	14,118	428.40	14	412.09	11	1,026.46	0	--
All softwoods	525,108	575.45	406,158	614.72	83,095	455.94	33,638	386.09	0	--
All hardwoods	6,048	961.73	4,315	1,052.67	4	2,264.15	679	714.86	0	--
Red alder	1,646	488.26	1,245	574.25	0	--	226	211.53	0	--
Other ports:[a]										
Douglas-fir	6,392	660.90	3,717	766.71	0	--	0	--	1,768	256.44
Redcedar	683	615.53	0	--	0	--	546	674.47	136	379.13
Hemlock	8,464	376.20	463	376.08	0	--	3,798	432.88	4,123	323.99
Spruce	198	512.47	0	--	0	--	142	573.77	34	308.31
Other softwoods	3,308	356.10	0	--	0	--	0	--	3,308	356.10
All softwoods	19,044	478.26	4,180	723.41	0	--	4,486	466.75	9,368	323.33
All hardwoods	807	853.94	322	1,108.58	0	--	294	307.02	126	1,044.20
Red alder	301	309.62	0	--	0	--	0	--	0	--
Total:										
Douglas-fir	834,181	589.03	641,149	627.54	168,005	445.16	5,725	493.63	3,605	331.00
Port-Orford-cedar	585	1,754.58	15	2,900.43	0	--	0	--	0	--
Redcedar	28,201	679.92	8,262	754.23	0	--	17,621	653.36	186	413.33
Hemlock	622,533	481.18	281,995	563.20	23,199	359.30	291,608	425.94	22,119	310.31
Spruce	25,178	542.29	12,103	629.02	7,327	359.85	4,002	489.19	34	308.31
Other softwoods	37,515	493.23	27,425	503.97	4,531	425.90	1,358	712.83	3,308	356.10
All softwoods	1,548,192	544.68	971,250	606.50	203,062	431.84	320,314	441.67	29,252	318.69
All hardwoods	97,415	384.00	15,607	1,235.62	4	2,264.15	74,622	188.70	126	1,044.20
Red alder	3,564	480.69	1,498	639.98	0	--	1,540	299.33	0	--

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

Source: U.S. Department of Commerce.

Table 29--Volume and average value of log exports by port, species, and destination, Seattle Customs District, second quarter 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	55,152	676.26	46,318	708.04	8,025	503.77	809	568.00	0	--
Redcedar	3,109	850.89	1,336	1,210.82	0	--	1,773	579.57	0	--
Hemlock	59,245	468.61	28,241	521.04	10,237	415.83	20,766	423.34	0	--
Spruce	3,451	459.22	716	827.73	2,565	360.24	170	400.83	0	--
Other softwoods	31	614.79	31	614.79	0	--	0	--	0	--
All softwoods	120,988	572.86	76,642	648.98	20,828	442.87	23,517	439.93	0	--
All hardwoods	24	989.15	0	--	0	--	24	989.15	0	--
Anacortes:										
Douglas-fir	9,303	744.41	9,303	744.41	0	--	0	--	0	--
Hemlock	1,339	515.63	1,339	515.63	0	--	0	--	0	--
Other softwoods	8	2,718.00	8	2,718.00	0	--	0	--	0	--
All softwoods	10,649	717.12	10,649	717.12	0	--	0	--	0	--
Everett:										
Douglas-fir	35,013	736.26	34,306	733.91	0	--	5	978.07	0	--
Redcedar	1,471	599.53	761	573.57	0	--	612	635.47	0	--
Hemlock	21,168	513.96	15,546	554.30	0	--	5,532	405.23	0	--
Spruce	564	848.16	425	904.28	0	--	0	--	0	--
Other softwoods	1,017	536.58	631	647.20	0	--	385	355.45	0	--
All softwoods	59,232	651.06	51,670	677.85	0	--	6,534	424.29	0	--
All hardwoods	3,192	769.68	2,353	894.76	0	--	389	340.39	0	--
Red alder	385	412.37	0	--	0	--	99	327.17	0	--
Port Angeles:										
Douglas-fir	9,487	614.09	9,487	614.09	0	--	0	--	0	--
Hemlock	25,803	462.51	5,321	534.24	3,030	437.92	17,451	444.91	0	--
Spruce	1,702	458.53	421	557.65	851	437.93	430	402.16	0	--
Other softwoods	203	703.18	203	703.18	0	--	0	--	0	--
All softwoods	37,196	502.31	15,433	586.19	3,881	437.93	17,881	443.88	0	--
Red alder	124	266.95	124	266.95	0	--	0	--	0	--
Seattle:										
Douglas-fir	501	693.21	452	665.34	0	--	27	1,352.50	0	--
Port-Orford-cedar	41	1,741.37	0	--	0	--	0	--	0	--
Redcedar	49	654.82	0	--	0	--	49	654.82	0	--
Hemlock	1,576	665.76	1,562	668.65	0	--	0	--	0	--
Other softwoods	1,639	607.89	80	723.93	0	--	1,485	568.10	0	--
All softwoods	3,806	655.91	2,094	670.04	0	--	1,562	584.36	0	--
All hardwoods	2,040	2,073.67	492	2,403.04	0	--	933	2,256.49	0	--

Table 29--Volume and average value of log exports by port, species, and destination, Seattle Customs District, second quarter 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	101,489	750.20	91,272	772.20	10,160	553.51	20	755.00	0	--
Redcedar	404	771.17	161	682.76	0	--	187	704.72	0	--
Hemlock	27,539	480.29	18,123	510.20	2,286	410.73	7,130	426.56	0	--
Spruce	1,173	567.24	1,130	573.17	43	410.07	0	--	0	--
Other softwoods	3,462	501.40	3,185	508.27	0	--	224	367.54	0	--
All softwoods	134,067	686.79	113,872	721.02	12,489	526.89	7,561	432.57	0	--
All hardwoods	3,270	1,250.27	2,274	1,441.31	0	--	0	--	0	--
Red alder	124	906.00	124	906.00	0	--	0	--	0	--
Other ports:[a]										
Douglas-fir	911	348.28	0	--	0	--	0	--	911	348.28
Redcedar	69	696.55	0	--	0	--	0	--	69	696.55
Other softwoods	644	410.39	0	--	0	--	0	--	644	410.39
All softwoods	1,625	387.73	0	--	0	--	0	--	1,625	387.73
All hardwoods	190	828.05	0	--	0	--	0	--	185	771.12
Total:										
Douglas-fir	211,856	720.43	191,138	740.33	18,186	531.56	860	599.18	911	348.28
Port-Orford-cedar	41	1,741.37	0	--	0	--	0	--	0	--
Redcedar	5,102	768.15	2,259	958.39	0	--	2,622	602.98	69	696.55
Hemlock	136,669	479.57	70,134	529.80	15,553	419.38	50,879	429.22	0	--
Spruce	6,890	509.27	2,692	690.68	3,459	379.97	600	401.79	0	--
Other softwoods	7,004	531.92	4,138	548.21	0	--	2,095	507.54	644	410.39
All softwoods	367,562	624.10	270,361	684.10	37,198	470.56	57,056	442.36	1,625	387.73
All hardwoods	8,839	1,243.19	5,242	1,258.59	0	--	1,347	1,679.95	185	771.12
Red alder	632	480.43	247	586.47	0	--	99	327.17	0	--

[a] Blaine, Oroville, and Sumas.

Source: U.S. Department of Commerce.

Table 30--Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, 1991

(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	9,442	412.78	3,932	579.30	4,795	264.51	715	491.52	0	--
Redcedar	30	478.17	0	--	0	--	30	478.17	0	--
Hemlock	16,244	453.23	2,712	556.90	1,050	742.62	12,481	406.35	0	--
Spruce	266	398.49	0	--	0	--	266	398.49	0	--
Other softwoods	481	534.56	449	539.52	0	--	32	465.41	0	--
All softwoods	26,463	439.75	7,093	568.22	5,846	350.41	13,524	410.99	0	--
Coos Bay:										
Douglas-fir	150,736	639.96	129,902	669.55	19,428	428.30	683	479.18	0	--
Port-Orford-cedar	6,699	3,140.59	6,699	3,140.59	0	--	0	--	0	--
Redcedar	115	924.52	105	666.60	0	--	0	--	0	--
Hemlock	27,633	416.02	6,345	522.52	5,643	272.90	15,645	424.46	0	--
Spruce	1,930	446.87	942	511.62	0	--	988	385.14	0	--
Other softwoods	1,214	747.41	1,007	682.27	0	--	0	--	0	--
All softwoods	188,327	694.93	144,998	776.33	25,071	393.33	17,316	424.37	0	--
All hardwoods	24	2,304.93	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	227,505	600.34	162,906	627.32	60,231	535.77	3,389	450.51	942	576.60
Port-Orford-cedar	163	629.17	163	629.17	0	--	0	--	0	--
Redcedar	109	786.33	99	679.50	0	--	0	--	0	--
Hemlock	26,179	507.62	23,160	518.20	0	--	2,993	425.94	26	490.46
Spruce	1,399	533.12	1,399	533.12	0	--	0	--	0	--
Other softwoods	9,949	582.78	9,831	582.70	0	--	0	--	56	725.70
All softwoods	265,304	590.28	197,558	611.67	60,231	535.77	6,382	438.99	1,024	582.52
All hardwoods	659	1,120.55	599	1,198.86	0	--	60	335.99	0	--
Red alder	18	339.75	18	339.75	0	--	0	--	0	--
Newport:										
Douglas-fir	5,637	635.58	5,637	635.58	0	--	0	--	0	--
Hemlock	22,186	388.29	150	432.62	2,224	134.02	19,813	416.49	0	--
Spruce	2,371	152.51	148	430.93	2,224	134.02	0	--	0	--
All softwoods	30,195	415.94	5,935	625.37	4,448	134.02	19,813	416.49	0	--
Portland:										
Douglas-fir	347,262	643.57	319,458	653.10	22,684	476.53	2,015	734.16	2,946	834.48
Port-Orford-cedar	1,804	1,735.81	85	1,740.91	0	--	0	--	1,719	1,735.55
Redcedar	734	714.87	131	845.09	0	--	395	507.41	0	--
Hemlock	103,071	451.07	38,447	525.51	0	--	64,209	406.57	394	401.36
Spruce	2,546	473.32	896	610.82	0	--	1,643	398.69	0	--
Other softwoods	28,296	565.82	27,594	568.05	0	--	26	784.78	458	450.56
All softwoods	483,750	601.35	386,611	634.55	22,684	476.53	68,289	416.77	5,517	1,052.36
All hardwoods	5,322	955.90	2,363	1,291.47	0	--	208	1,797.60	410	1,077.24
Red alder	71	695.73	71	695.73	0	--	0	--	0	--
Total:										
Douglas-fir	740,583	626.55	621,835	649.16	107,138	491.60	6,802	541.75	3,888	772.01
Port-Orford-cedar	8,666	2,800.93	6,947	3,064.48	0	--	0	--	1,719	1,735.55
Redcedar	988	740.11	335	740.34	0	--	425	505.36	0	--
Hemlock	195,313	446.74	70,813	523.86	8,917	293.60	115,142	411.18	420	406.93
Spruce	8,512	385.44	3,384	543.24	2,224	134.02	2,897	394.05	0	--
Other softwoods	39,940	575.19	38,881	574.38	0	--	58	606.81	514	480.45
All softwoods	994,038	606.14	742,196	655.45	118,279	469.95	125,324	418.28	6,514	978.80
All hardwoods	6,005	979.33	2,963	1,272.73	0	--	267	1,691.32	410	1,077.24
Red alder	89	624.71	89	624.71	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 31--Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, second quarter 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	4,002	722.82	4,002	722.82	0	--	0	--	0	--
Hemlock	164	570.82	164	570.82	0	--	0	--	0	--
Spruce	51	666.97	51	666.97	0	--	0	--	0	--
Other softwoods	130	1,260.41	130	1,260.41	0	--	0	--	0	--
All softwoods	4,347	732.59	4,347	732.59	0	--	0	--	0	--
Coos Bay:										
Douglas-fir	21,781	750.68	21,781	750.68	0	--	0	--	0	--
Port-Orford-cedar	3,041	1,853.20	3,041	1,853.20	0	--	0	--	0	--
Hemlock	753	804.64	753	804.64	0	--	0	--	0	--
Spruce	40	539.57	40	539.57	0	--	0	--	0	--
All softwoods	25,615	882.84	25,615	882.84	0	--	0	--	0	--
All hardwoods	4	3,776.15	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	45,193	726.10	42,921	734.18	2,272	573.55	0	--	0	--
Hemlock	5,540	527.78	4,129	556.10	1,411	444.94	0	--	0	--
Spruce	11	622.88	11	622.88	0	--	0	--	0	--
Other softwoods	176	468.25	126	477.64	50	444.79	0	--	0	--
All softwoods	50,920	703.61	47,187	717.88	3,734	523.21	0	--	0	--
Newport:										
Douglas-fir	2,039	590.38	2,039	590.38	0	--	0	--	0	--
Hemlock	542	450.55	542	450.55	0	--	0	--	0	--
Spruce	121	501.95	121	501.95	0	--	0	--	0	--
Other softwoods	270	516.11	270	516.11	0	--	0	--	0	--
All softwoods	2,972	554.56	2,972	554.56	0	--	0	--	0	--
Portland:										
Douglas-fir	81,030	728.60	80,360	728.02	0	--	670	797.72	0	--
Port-Orford-cedar	237	1,069.02	37	1,751.15	0	--	0	--	199	941.35
Redcedar	77	506.70	0	--	0	--	0	--	0	--
Hemlock	15,637	480.51	7,270	536.08	0	--	8,366	432.21	0	--
Spruce	350	424.87	75	451.00	0	--	275	417.76	0	--
Other softwoods	2,391	648.20	2,140	606.53	0	--	40	402.67	100	583.19
All softwoods	99,721	687.34	89,883	709.80	0	--	9,351	457.84	299	821.88
All hardwoods	330	2,568.54	179	2,299.80	0	--	0	--	57	2,692.07
Red alder	26	4,699.88	26	4,699.88	0	--	0	--	0	--
Total:										
Douglas-fir	154,045	729.01	151,103	731.04	2,272	573.55	670	797.72	0	--
Port-Orford-cedar	3,278	1,796.59	3,079	1,851.97	0	--	0	--	199	941.35
Redcedar	77	506.70	0	--	0	--	0	--	0	--
Hemlock	22,634	502.79	12,857	555.07	1,411	444.94	8,366	432.21	0	--
Spruce	573	474.49	297	527.00	0	--	275	417.76	0	--
Other softwoods	2,968	652.40	2,666	623.27	50	444.79	40	402.67	100	583.19
All softwoods	183,575	718.05	170,002	735.99	3,734	523.21	9,351	457.84	299	821.88
All hardwoods	334	2,582.10	179	2,299.80	0	--	0	--	57	2,692.07
Red alder	26	4,699.88	26	4,699.88	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 32--Volume and average value of log exports by port, species, and destination, San Francisco Customs District, 1991

(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	4,150	412.04	0	--	4,150	412.04	0	--	0	--
Hemlock	3,819	320.50	0	--	3,819	320.50	0	--	0	--
Spruce	221	344.28	0	--	221	344.28	0	--	0	--
Other softwoods	550	531.28	550	531.28	0	--	0	--	0	--
All softwoods	8,740	377.83	550	531.28	8,190	367.53	0	--	0	--
Oakland:										
Douglas-fir	113	698.08	91	525.74	0	--	0	--	0	--
Port-Orford-cedar	21	1,473.90	0	--	0	--	0	--	21	1,473.90
Hemlock	251	397.59	251	397.59	0	--	0	--	0	--
Other softwoods	6,924	645.02	43	2,071.87	0	--	34	1,017.80	0	--
All softwoods	7,309	639.74	385	615.83	0	--	34	1,017.80	21	1,473.90
Hardwoods	4,326	1,613.95	1,723	1,893.74	0	--	246	478.55	521	616.01
Sacramento:										
Douglas-fir	11,563	504.68	11,563	504.68	0	--	0	--	0	--
Other softwoods	27,973	422.01	21,180	430.48	4,241	438.92	2,551	323.57	0	--
All softwoods	39,536	446.19	32,743	456.69	4,241	438.92	2,551	323.57	0	--
San Francisco:										
Douglas-fir	7,737	544.42	3,013	701.04	4,724	444.53	0	--	0	--
Other softwoods	669	539.43	113	899.74	0	--	0	--	0	--
All softwoods	8,406	544.02	3,125	708.20	4,724	444.53	0	--	0	--
Hardwoods	80	1,617.84	53	1,204.96	0	--	0	--	0	--
Other ports:[a]										
Douglas-fir	1,123	535.88	1,123	535.88	0	--	0	--	0	--
Other softwoods	12,364	410.31	266	422.80	11,338	411.28	753	385.50	0	--
All softwoods	13,487	420.77	1,390	514.22	11,338	411.28	753	385.50	0	--
Hardwoods	8	343.53	8	343.53	0	--	0	--	0	--
Total:										
Douglas-fir	24,686	503.86	15,790	544.49	8,874	429.34	0	--	0	--
Port-Orford-cedar	21	1,473.90	0	--	0	--	0	--	21	1,473.90
Hemlock	4,070	325.26	251	397.59	3,819	320.50	0	--	0	--
Spruce	221	344.28	0	--	221	344.28	0	--	0	--
Other softwoods	48,479	453.74	22,152	438.48	15,579	418.81	3,339	344.70	0	--
All softwoods	77,478	462.93	38,193	482.04	28,493	408.33	3,339	344.70	21	1,473.90
Hardwoods	4,414	1,611.74	1,785	1,866.22	0	--	246	478.55	521	616.01

[a] San Francisco International Airport, Stockton, and Suisun Bay.

Source: U.S. Department of Commerce.

Table 33--Volume and average value of log exports by port, species, and destination, San Francisco Customs District, second quarter 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	29	1,095.14	11	2,132.88	0	--	19	509.12	0	--
Other softwoods	1,191	524.34	0	--	0	--	43	681.33	0	--
All softwoods	1,220	538.08	11	2,132.88	0	--	61	628.68	0	--
Hardwoods	1,189	1,821.18	300	2,377.40	0	--	81	1,810.76	15	1,299.53
San Francisco:										
Other softwoods	10	1,021.66	10	1,021.66	0	--	0	--	0	--
Total:										
Redcedar	29	1,095.14	11	2,132.88	0	--	19	509.12	0	--
Other softwoods	1,293	519.87	10	1,021.66	0	--	43	681.33	0	--
All softwoods	1,322	532.64	21	1,583.12	0	--	61	628.68	0	--
Hardwoods	1,189	1,821.18	300	2,377.40	0	--	81	1,810.76	15	1,299.53

Source: U.S. Department of Commerce.

Table 34--Volume and average value of log exports by port, species, and destination, Anchorage Customs District, 1991

(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	1,545	388.34	0	--	0	--	0	--	0	--
Hemlock	42,426	482.28	23,087	593.30	1,325	286.90	13,234	359.02	0	--
Spruce	97,159	655.26	71,695	750.58	18,421	531.23	3,477	731.84	0	--
Other softwoods	1,342	1,099.43	702	830.57	0	--	0	--	0	--
All softwoods	142,472	605.04	95,485	713.14	19,746	514.84	16,711	436.59	0	--
Dalton Cache:										
Redcedar	6,779	246.39	447	566.42	0	--	0	--	0	--
Hemlock	789	367.51	789	367.51	0	--	0	--	0	--
Spruce	10,306	447.69	10,306	447.69	0	--	0	--	0	--
Other softwoods	66	679.50	66	679.50	0	--	0	--	0	--
All softwoods	17,940	368.95	11,608	448.14	0	--	0	--	0	--
Juneau:										
Hemlock	21,443	346.58	9,814	467.13	0	--	4,845	300.26	6,785	205.26
Spruce	8,732	639.32	8,732	639.32	0	--	0	--	0	--
Other softwoods	876	1,241.28	876	1,241.28	0	--	0	--	0	--
All softwoods	31,051	454.14	19,422	579.46	0	--	4,845	300.26	6,785	205.26
Ketchikan:										
Redcedar	44,651	416.17	18,746	437.09	0	--	18,858	387.20	3,829	478.62
Hemlock	159,727	407.63	103,825	469.62	0	--	48,303	299.36	4,780	207.73
Spruce	101,525	765.91	90,660	793.82	2,068	422.72	4,642	324.61	0	--
Other softwoods	23,836	675.02	21,073	683.81	0	--	97	631.85	0	--
All softwoods	329,739	538.43	234,304	611.73	2,068	422.72	71,899	324.48	8,609	328.22
Valdez:										
Douglas-fir	328	691.83	328	691.83	0	--	0	--	0	--
Spruce	662	866.88	662	866.88	0	--	0	--	0	--
All softwoods	990	808.84	990	808.84	0	--	0	--	0	--
Wrangell:										
Redcedar	2,336	485.62	642	679.50	0	--	1,296	422.69	0	--
Hemlock	1,628	582.11	0	--	0	--	1,628	582.11	0	--
Spruce	198	896.75	11	740.48	0	--	187	906.36	0	--
Other softwoods	2,524	633.39	2,524	633.39	0	--	0	--	0	--
All softwoods	6,687	577.07	3,178	643.10	0	--	3,111	535.12	0	--
Total:										
Douglas-fir	328	691.83	328	691.83	0	--	0	--	0	--
Redcedar	55,312	397.51	19,836	447.85	0	--	20,154	389.49	3,829	478.62
Hemlock	226,013	416.97	137,515	489.62	1,325	286.90	68,010	317.81	11,564	206.28
Spruce	218,580	697.09	182,066	750.06	20,489	520.28	8,306	508.16	0	--
Other softwoods	28,644	708.57	25,242	702.19	0	--	97	631.85	0	--
All softwoods	528,878	546.67	364,987	632.15	21,813	506.11	96,566	349.45	15,393	274.02

Source: U.S. Department of Commerce.

Table 35--Volume and average value of log exports by port, species, and destination, Anchorage Customs District, second quarter 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	9,716	527.33	5,222	594.91	0	--	1,300	683.62	0	--
Spruce	24,705	754.83	14,468	680.13	4,894	972.96	3,025	792.55	0	--
All softwoods	35,042	686.01	19,690	657.53	4,894	972.96	4,325	759.81	621	430.76
Dalton Cache:										
Hemlock	755	296.04	755	296.04	0	--	0	--	0	--
Spruce	2,764	393.06	2,764	393.06	0	--	0	--	0	--
All softwoods	3,519	372.24	3,519	372.24	0	--	0	--	0	--
Juneau:										
Hemlock	20,813	391.11	6,860	598.40	0	--	13,953	289.20	0	--
Spruce	8,095	637.39	7,709	659.29	0	--	387	200.80	0	--
All softwoods	28,909	460.08	14,569	630.62	0	--	14,340	286.92	0	--
Ketchikan:										
Redcedar	9,184	367.26	3,910	398.72	0	--	1,896	275.44	1,300	386.34
Hemlock	36,337	496.55	24,800	566.31	0	--	10,693	329.23	0	--
Spruce	25,163	758.98	24,165	774.75	0	--	630	284.85	0	--
Other softwoods	9,010	809.65	7,681	871.24	0	--	0	--	137	227.02
All softwoods	79,694	599.91	60,555	677.34	0	--	13,219	319.40	1,437	371.12
Sand Point:										
Spruce	893	415.24	893	415.24	0	--	0	--	0	--
Skagway:										
Spruce	1,642	604.00	1,642	604.00	0	--	0	--	0	--
Total:										
Redcedar	9,805	371.28	3,910	398.72	0	--	1,896	275.44	1,921	400.70
Hemlock	67,621	466.28	37,637	570.71	0	--	25,946	325.46	0	--
Spruce	63,262	716.94	51,640	698.93	4,894	972.96	4,041	656.83	0	--
Other softwoods	9,010	809.65	7,681	871.24	0	--	0	--	137	227.02
All softwoods	149,699	586.66	100,868	652.57	4,894	972.96	31,884	364.49	2,058	389.11

Source: U.S. Department of Commerce.

Table 36–Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92

(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				
1981	3,416	928.92	439	1,071.46	0	--	683	2,082.79
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	7,803	1,105.20	1,713	753.66	31	419.35	282	1,131.39
1987	15,714	774.94	2,121	683.11	82	552.87	2,172	836.66
1988	32,102	657.72	2,900	674.14	469	543.71	1,668	820.14
1989	36,719	833.74	4,600	829.78	65	261.54	4,435	1,712.06
1990	32,940	1,007.53	3,613	1,071.69	7	1,285.71	7,280	1,560.85
1991:								
1st quarter	13,279	1,039.01	1,751	1,058.25	0	--	2,534	1,658.64
2d quarter	13,407	955.02	2,180	1,073.85	0	--	1,186	1,428.33
3d quarter	4,193	942.52	964	756.22	0	--	518	1,527.36
4th quarter	65,000	97.99	1,109	862.94	0	--	694	1,753.60
1991 total	95,879	385.09	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	7,821	1,330.65	334	2,583.83	0	--	1,189	1,820.86
3d quarter								
4th quarter								
1992 total								
				TO JAPAN				
1981	2,037	1,061.60	229	1,153.54	0	--	310	2,396.77
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	2,867	1,566.45
1991:								
1st quarter	5,929	1,466.01	1,064	1,224.62	0	--	852	1,826.29
2d quarter	5,017	1,291.61	1,182	1,580.37	0	--	440	1,859.09
3d quarter	992	1,047.38	310	945.16	0	--	245	1,697.96
4th quarter	2,177	1,214.52	408	752.45	0	--	492	1,945.12
1991 total	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								
4th quarter								
1992 total								
				TO PEOPLE'S REPUBLIC OF CHINA				
1981	0	--	0	--	0	--	0	--
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:								
1st quarter	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	4	2,000.00	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1991 total	4	2,000.00	0	--	0	--	0	--
1992:								
1st quarter	145	179.31	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter								
4th quarter								
1992 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 37--Volume and average value of alder log exports from the Seattle Customs District, 1990-92

(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:								
1st quarter	2,601	339.48	573	726.00	1,966	211.09	62	822.58
2d quarter	2,210	437.56	817	532.44	1,186	313.66	158	518.99
3d quarter	545	579.82	264	912.88	0	--	248	189.52
4th quarter	818	533.01	418	677.03	353	252.13	39	1,564.10
1991 total	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								
4th quarter								
1992 total								

Source: U.S. Department of Commerce.

Table 38--Volume and average value of log exports from southern California ports by species, 1981-92

(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
1981	738	1,550.14	88	397.73	186	392.47	464	2,232.76
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:								
1st quarter	1,304	1,273.01	0	--	673	604.69	631	1,984.65
2d quarter	2,213	1,149.12	10	503.52	757	697.49	1,446	1,390.04
3d quarter	2,065	1,064.89	17	647.06	398	841.71	1,650	1,129.70
4th quarter	2,102	1,137.01	177	531.07	1,007	688.18	918	1,757.08
1991 total	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								
4th quarter								
1992 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 39--Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1981-92[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
1981	477	362.68	123	475.06	354	323.64
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:						
1st quarter	19	411.82	0	--	19	411.82
2d quarter	23	304.35	0	--	23	304.35
3d quarter	464	237.07	407	235.87	57	245.61
4th quarter	253	316.21	179	273.74	74	418.92
1991 total and average value	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						
4th quarter						
1992 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 40--Volume of log exports from British Columbia ports by species and destination, 1981-91

(In thousand board feet, British Columbia log scale)

Year	Total All species	Douglas-fir	Hemlock	Cedar	Spruce	Other Softwoods	Hardwoods
			TO ALL COUNTRIES				
1981	184,481	856	98,579	24,616	37,774	18,943	3,713
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
			TO JAPAN				
1981	131,321	698	71,645	17,427	31,541	10,010	0
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
			TO UNITED STATES				
1981	50,324	158	26,934	7,189	4,340	8,879	2,824
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
			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

[a] Does not include all hardwoods.

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

Table 41--Average value of log exports from British Columbia ports by species and destination, 1985-91

(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
			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
			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
			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	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	NA	NA	NA

NA = not available.

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

Table 42--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1981-92

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

Year and quarter	Volume	Average value
1981	33,985	319.77
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:		
1st quarter	261	904.22
2d quarter	215	855.81
3d quarter	1,397	550.47
4th quarter	709	490.83
1991 total and average value	2,581	595.51
1992:		
1st quarter	2,733	394.39
2d quarter	5,387	625.02
3d quarter		
4th quarter		
1992 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 43--Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1981-92

Year and quarter	Chipped pulpwood		Roundwood pulpwood	
	Volume	Average value	Volume	Average value
	Short tons[a]	Dollars	Cords[b]	Dollars
1981	1,160,507	32.33	23,084	130.11
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:				
1st quarter	138,396	28.99	0	--
2d quarter	188,140	33.54	0	--
3d quarter	163,486	35.92	0	--
4th quarter	140,776	33.66	0	--
1991 total and average value	630,798	33.19	0	--
1992:				
1st quarter	84,891	31.88	0	--
2d quarter	120,992	30.01	0	--
3d quarter				
4th quarter				
1992 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 44–Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92

(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				
1981	132.4	339.7	24.7	44.2	246.4	39.8	8.6	321.0
1982	118.5	279.1	15.1	40.3	199.1	10.8	2.3	312.0
1983	118.4	350.4	19.5	87.5	238.1	4.5	8.1	271.6
1984	107.2	349.1	24.6	97.0	177.4	34.2	14.9	315.9
1985	106.1	359.4	15.6	80.2	192.7	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	460.2	10.8	94.1	253.1	26.7	2.7	324.6
1988	199.1	508.8	14.6	100.5	275.4	30.6	1.4	366.0
1989	166.4	635.8	1.4	136.0	280.7	22.0	.9	372.7
1990	136.9	409.9	.3	131.8	274.7	43.8	.4	356.4
1991:								
1st quarter	28.3	91.6	0.0	45.0	70.5	8.4	2.9	95.4
2d quarter	29.3	125.1	1.2	39.1	73.2	2.3	3 2	98 7
3d quarter	37.3	100.2	.6	45.2	62.1	4.2	2.1	90 4
4th quarter	25.7	108.0	2.5	44.3	70.6	2.2	2.0	69.4
1991 total	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								
4th quarter								
1992 total								
				TO JAPAN				
1981	41.5	41.0	12.6	5.5	153.5	1.3	7.6	90.2
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:								
1st quarter	11.5	21.8	0.0	16.4	27.6	2.0	2.9	35.5
2d quarter	10.3	30.1	.5	16.6	26.5	2.1	2.7	43.1
3d quarter	14.4	27.2	0.0	9.7	21.3	2.0	2.1	28.6
4th quarter	10.5	24.5	0.0	12.8	24.6	2.2	1.2	37.0
1991 total	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								
4th quarter								
1992 total								

Table 44--Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92 (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				
1981	8.9	43.8	0.0	0.0	13.5	.4	0.0	39.1
1982	11.3	31.5	0.0	.1	.4	0.0	0.0	27.6
1983	17.9	42.2	.0.0	1.2	2.6	0.0	.7	21.6
1984	4.8	49.2	0.0	3.6	.2	0.0	.4	26.3
1985	8.8	65.5	0.0	.5	.4	0.0	0.0	45.5
1986	14.5	100.9	0.0	0.0	6.1	0.0	0.0	45.3
1987	19.4	91.6	0.0	2.7	0.0	2.5	0.0	36.2
1988	22.2	112.6	0.0	.3	0.0	6.8	0.0	44.9
1989	17.8	143.0	0.0	3.1	0.0	9.4	0.0	58.3
1990	9.0	110.0	0.0	15.8	0.0	13.2	0.0	72.9
1991:								
1st quarter	.1	27.9	0.0	6.7	0.0	1.9	0.0	21.4
2d quarter	1.6	34.3	0.0	4.0	0.0	.2	0.0	17.8
3d quarter	1.3	27.7	0.0	3.9	0.0	2.1	0.0	14 4
4th quarter	.2	32.2	0.0	1.5	0.0	0.0	0.0	7.8
1991 total	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								
4th quarter								
1992 total								
				TO WESTERN EUROPE				
1981	48.4	94.4	12.0	18.8	2.3	12.7	.5	128.5
1982	41.5	74.0	0.0	28.8	9.2	6.7	0.0	116.9
1983	42.5	94.3	0.0	46.6	6.8	4.1	0.0	84.7
1984	55.9	85.8	3.2	39.5	2.2	6.3	0.0	115.3
1985	51.0	69.7	0.0	30.0	8.1	2.2	0.0	60.5
1986	67.8	61.0	0.0	34.4	8.8	0.0	0.0	84.1
1987	62.3	69.4	0.0	45.1	7.9	0.0	0.0	69.0
1988	88.6	54.0	0.0	45.4	10.2	0.0	0.0	88.8
1989	63.1	86.9	1.4	70.0	10.6	.9	.1	81.1
1990	52.9	54.8	.2	44.0	10.2	1.3	.1	90.8
1991:								
1st quarter	11.9	13.9	0.0	20.2	1.2	0.0	0.0	18.1
2d quarter	12.8	16.7	.1	13.8	2.9	0.0	.5	27.2
3d quarter	12.1	10.9	0.0	27.9	4.1	0.0	0.0	29.3
4th quarter	11.2	19.6	2.5	18.5	3.5	0.0	0.0	14.2
1991 total	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								
4th quarter								
1991 total								

Source: U.S. Department of Commerce.

Continue

Previous

Table 45--Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92

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(Value in dollars per 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				
1981	540.61	408.09	510.06	471.85	506.96	391.22	518.67	451.99
1982	548.01	382.55	438.25	413.82	477.39	315.82	510.94	376.86
1983	473.02	328.64	431.28	347.78	481.88	282.69	527.93	337.97
1984	523.76	372.82	429.65	389.67	447.84	416.11	532.27	409.97
1985	458.97	312.27	428.87	291.35	377.76	344.96	538.89	336.08
1986	466.77	301.67	459.90	329.90	392.53	359.42	328.19	378.18
1987	525.85	409.04	529.85	434.83	469.22	461.69	456.14	503.33
1988	551.84	459.21	640.72	522.56	605.36	516.46	574.69	603.67
1989	606.47	460.30	485.10	597.16	732.16	631.30	501.55	681.14
1990	691.59	503.66	797.78	573.57	624.88	458.11	785.00	581.64
1991:								
1st quarter	719.58	457.16	--	535.08	557.70	412.98	795.52	491.72
2d quarter	726.36	447.56	663.33	495.93	570.98	463.08	762.32	480.49
3d quarter	736.35	424.40	346.67	400.04	561.03	370.24	741.91	416.84
4th quarter	773.27	373.86	681.20	367.27	538.24	422.73	776.50	360.13
1991 average	737.85	425.42	629.54	448.73	557.12	410.41	766.86	443 70
1992:								
1st quarter	646.53	405.42	719.96	374.70	527.46	418.06	735.61	409.49
2d quarter	655.00	396.00	451.97	345.29	535 25	382.78	504.51	415.66
3d quarter								
4th quarter								
1992 average								
				TO JAPAN				
1981	567.90	451.60	460.64	444.85	518.36	387.53	516.21	462 04
1982	616.97	409.90	443.03	428.79	537.68	350.38	510.94	393.73
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	378.67	429.32	271.28	413.59	313.46	552.99	361 19
1986	463.07	307.62	460.45	322.92	416.24	359.42	328 43	395.21
1987	534.00	474.94	529.85	441.44	480.87	467.52	469.04	505.16
1988	595.19	561.95	640.80	521.46	590.48	462.40	590.07	607.50
1989	638.65	517.82	--	662.67	741.49	665.72	766.28	702.32
1990	763.51	591.60	960.00	537.55	671.57	490.81	801.62	598.37
1991:								
1st quarter	768.43	524.40	--	501.16	649.06	494.50	795.52	519.58
2d quarter	783.08	505.62	859.49	476.04	617.44	461.13	772.39	491.64
3d quarter	774.79	475.70	--	415.88	600.99	464.50	741.91	414.62
4th quarter	823.62	420.45	--	351.33	585.81	422.73	707.50	372.19
1991 average	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	567.63	438.33	726.64	420 50
3d quarter								
4th quarter								
1992 average								

Table 45--Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92 (continued)

(Value in dollars per 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				
1981	499.15	349.54	--	--	509.07	385.42	619.05	426.02
1982	435.53	328.31	325.58	231.48	545.45	--	--	356.89
1983	401.13	303.74	--	311.49	556.73	--	596.97	344.53
1984	346.42	348.50	--	376.97	506.33	--	471.03	419.82
1985	376.24	262.04	--	302.17	429.71	--	428.57	285.56
1986	425.65	299.79	--	--	341.70	--	--	385.67
1987	491.95	436.80	--	367.08	--	462.12	--	502.21
1988	588.99	471.83	--	555.22	--	558.07	380.95	622.67
1989	674.04	442.78	--	591.87	--	611.10	--	649.82
1990	718.22	426.73	--	474.81	--	444.77	--	534.47
1991:								
1st quarter	560.00	367.92	--	398.51	--	394.21	--	459.49
2d quarter	668.31	371.06	--	384.09	--	483.63	--	448.81
3d quarter	626.15	322.31	--	353.85	--	298.10	--	381.25
4th quarter	620.00	299.63	--	330.00	--	--	--	362.69
1991 average	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								
4th quarter								
1992 average								
				TO WESTERN EUROPE				
1981	566.14	433.88	562.48	431.17	500.43	356.70	452.43	453.91
1982	558.53	414.85	--	412.11	447.00	326.42	--	383.99
1983	477.64	352.34	--	354.56	380.60	280.47	--	328.76
1984	502.26	392.02	139.30	384.23	405.44	377.19	--	403.50
1985	468.72	338.36	--	314.13	373.00	411.13	--	348.08
1986	498.99	393.35	--	359.73	393.52	--	--	369.95
1987	526.01	448.10	--	436.02	470.74	--	--	517.13
1988	505.93	528.66	590.91	547.15	567.33	--	--	589.47
1989	517.24	618.08	479.44	549.09	729.24	359.46	773.56	715.89
1990	626.75	614.01	808.00	639.75	671.18	246.92	453.72	627.00
1991:								
1st quarter	683.45	485.90	--	597.97	623.33	--	--	528.95
2d quarter	676.42	483.39	769.76	524.60	568.44	--	705.91	510.03
3d quarter	736.61	468.99	--	395.48	549.76	--	--	437.71
4th quarter	746.07	390.82	659.60	377.24	559.71	--	--	345.35
1991 average	708.69	451.95	677.69	463.98	564.27	--	705.91	463.42
1992:								
1st quarter	604.75	432.93	719.96	417.92	545.08	--	--	454.87
2d quarter	674.01	457.51	452.23	429.38	561.91	351.65	--	449.21
3d quarter								
4th quarter								
1992 average								

Source: U.S. Department of Commerce.

Table 46--Volume and average value of chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1981-92

(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
1981	296,461	80.74	2,076,612	85.51	321,533	89.89	77,649	73.61
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:								
1st quarter	225,541	98.41	498,680	101.39	106,740	98.73	61,692	60.46
2d quarter	120,991	103.30	550,492	103.02	116,751	102.25	13,214	111.02
3d quarter	154,151	106.01	585,496	107.71	100,506	103.71	13,561	100.95
4th quarter	180,368	106.38	507,047	106.47	138,760	100.48	12,900	104.11
1991 total and average	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								
4th quarter								
1992 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 47--Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[a]

(In thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
					TO ALL COUNTRIES							
1981	933,739	451,075	268,024	214,640	467,886	139,070	173,000	155,816	465,853	312,005	95,024	58,824
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	355,464	198,509	404,218	271,010	97,146	36,062
1987	1,452,869	595,489	567,078	290,302	918,120	234,268	458,223	225,629	534,749	361,221	108,855	64,673
1988	1,817,153	792,668	588,075	436,410	1,046,560	329,752	425,728	291,080	770,593	462,916	162,347	145,330
1989	1,944,049	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:												
1st qtr.	406,958	201,356	109,054	96,548	201,615	69,139	67,823	64,653	205,343	132,217	41,231	31,895
2d qtr.	384,789	197,740	100,256	86,793	215,645	78,336	68,231	69,078	169,144	119,404	32,025	17,715
3d qtr.	311,620	158,071	87,209	66,340	175,784	61,783	66,992	47,009	135,836	96,288	20,217	19,331
4th qtr.	326,727	168,454	74,380	83,893	167,607	61,743	50,724	55,140	159,120	106,711	23,656	28,753
1991 total	1,430,094	725,621	370,899	333,574	760,651	271,001	253,770	235,880	669,443	454,620	117,129	97,694
1992:												
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.												
4th qtr.												
1992 total												
					TO JAPAN							
1981	312,232	55,479	206,837	49,916	189,547	25,966	128,307	35,274	122,685	29,513	78,530	14,642
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	691,984	206,625	331,889	153,470	398,268	169,330	160,389	68,550
1990	867,738	284,288	369,605	213,844	587,367	157,198	264,835	165,334	280,371	127,090	104,770	48,510
1991:												
1st qtr.	244,778	91,281	102,617	50,880	139,809	42,203	62,136	35,470	104,969	49,078	40,481	15,410
2d qtr.	223,572	79,036	92,764	51,772	142,964	41,019	62,773	39,172	80,608	38,017	29,991	12,600
3d qtr.	181,602	61,635	79,005	40,962	122,017	35,021	60,063	26,933	59,585	26,614	18,942	14,029
4th qtr.	195,468	79,750	67,169	48,549	113,053	33,542	44,443	35,068	82,415	46,208	22,726	13,481
1991 total	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.												
4th qtr.												
1992 total												

Table 47--Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[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												
1981	213,594	91,861	20,598	101,135	213,594	91,861	20,598	101,135	0	0	0	0
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:												
1st qtr.	34,323	18,074	2,820	13,429	34,323	18,074	2,820	13,429	0	0	0	0
2d qtr.	44,036	28,674	2,035	13,327	44,036	28,674	2,035	13,327	0	0	0	0
3d qtr.	35,002	21,773	2,083	11,146	35,002	21,773	2,083	11,146	0	0	0	0
4th qtr.	36,539	22,479	2,103	11,957	36,539	22,479	2,103	11,957	0	0	0	0
1991 total	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.												
4th qtr.												
1992 total												
TO PEOPLE'S REPUBLIC OF CHINA												
1981	9,041	8,829	20	192	335	123	20	192	8,706	8,706	0	0
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	8,834	0	433	631	198	0	433	8,636	8,636	0	0
1988	4,941	0	118	4,823	118	0	118	0	4,823	0	0	4,823
1989	9,690	64	313	9,313	555	10	217	328	9,135	54	97	8,985
1990	4,580	0	162	4,418	363	0	162	201	4,217	0	0	4,217
1991:												
1st qtr.	7	0	0	7	7	0	0	7	0	0	0	0
2d qtr.	162	0	0	162	162	0	0	162	0	0	0	0
3d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
4th qtr.	57	0	0	57	57	0	0	57	0	0	0	0
1991 total	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.												
4th qtr.												
1992 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, 1981-91

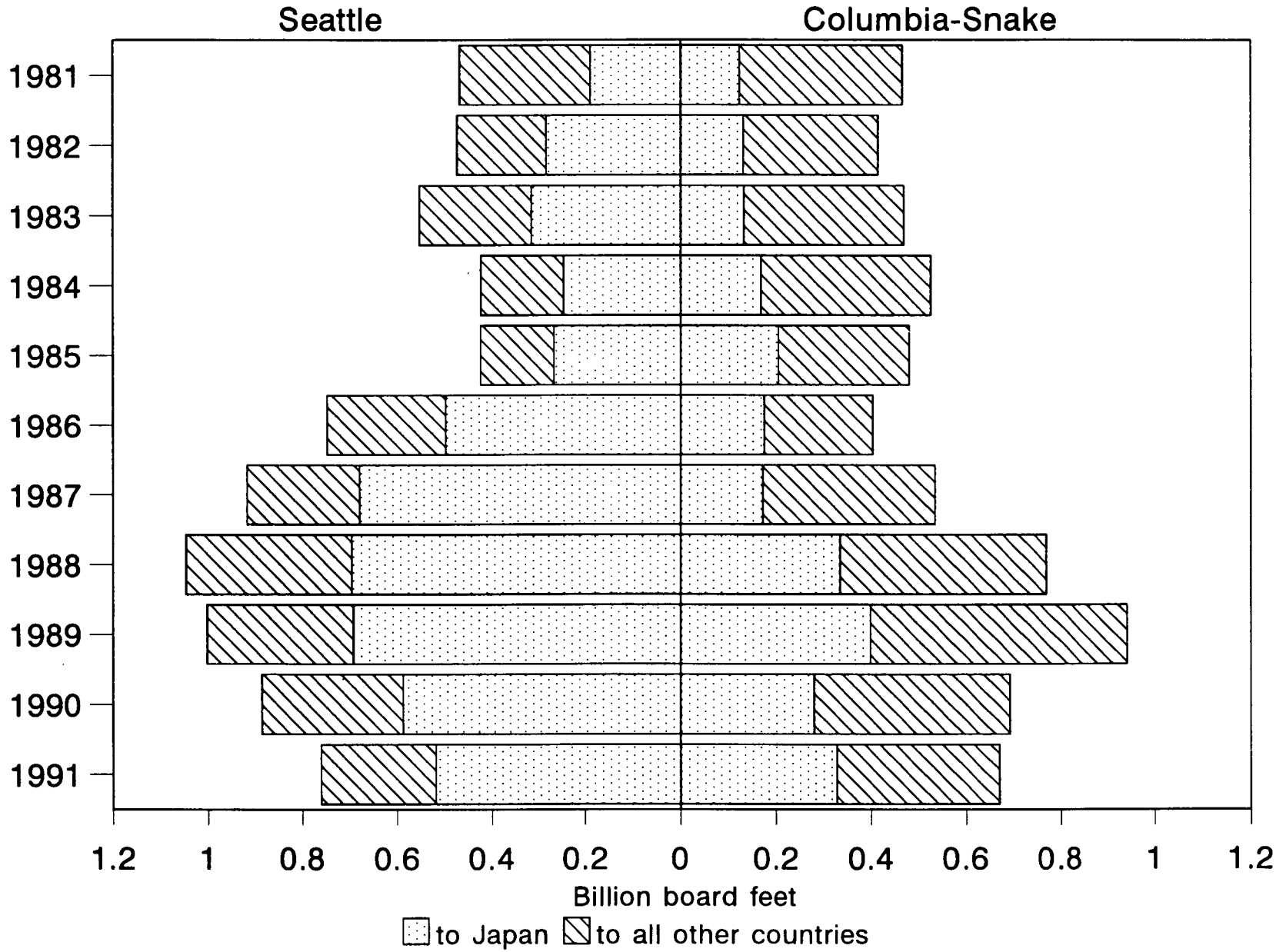

Table 48--Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[a]

(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 softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods
					TO ALL COUNTRIES							
1981	361,416	196,961	91,882	72,572	155,626	50,182	55,846	49,598	205,789	146,779	36,037	22,974
1982	323,061	175,211	89,511	58,339	142,366	36,056	69,144	37,166	180,696	139,156	20,367	21,173
1983	363,007	206,037	90,489	66,481	166,499	45,242	70,845	50,411	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	119,947	148,273	94,113	335,180	229,327	60,613	45,240
1989	875,758	465,909	220,835	189,015	399,183	133,667	147,991	117,525	476,575	332,241	72,844	71,490
1990	768,650	409,866	170,927	187,857	376,309	130,918	121,773	123,618	392,341	278,948	49,154	64,239
1991:												
1st qtr.	197,349	110,297	46,229	40,823	88,757	31,439	28,678	28,640	108,592	78,858	17,551	12,183
2d qtr.	195,748	112,868	43,625	39,255	95,034	36,687	29,285	29,062	100,714	76,181	14,340	10,193
3d qtr.	161,520	91,471	37,337	32,712	79,630	29,667	28,183	21,780	81,890	61,804	9,154	10,932
4th qtr.	171,726	97,955	31,818	41,953	78,345	30,235	21,485	26,625	93,381	67,720	10,333	15,328
1991 total	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.												
4th qtr.												
1992 total												
					TO JAPAN							
1981	111,549	24,244	66,441	20,864	67,835	11,139	41,421	15,274	43,715	13,105	25,020	5,590
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:												
1st qtr.	110,430	41,226	43,451	25,753	61,365	18,630	26,207	16,528	49,065	22,596	17,244	9,225
2d qtr.	101,244	35,905	40,581	24,758	61,985	17,679	26,966	17,340	39,259	18,226	13,615	7,418
3d qtr.	82,839	27,762	34,177	20,900	54,740	16,382	25,608	12,750	28,099	11,380	8,569	8,150
4th qtr.	91,412	37,742	28,922	24,748	51,868	16,128	19,068	16,672	39,544	21,614	9,854	8,076
1991 total	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.												
4th qtr.												
1992 total												

Table 48--Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[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							
1981	58,031	27,433	6,200	24,397	58,031	27,433	6,200	24,397	--	--	--	--
1982	31,671	13,648	3,536	14,505	31,671	13,648	3,536	14,505	--	--	--	--
1983	44,175	20,039	3,297	20,838	44,175	20,039	3,297	20,838	--	--	--	--
1984	31,348	13,068	2,534	15,745	31,348	13,068	2,534	15,745	--	--	--	--
1985	31,657	15,738	2,098	13,821	31,648	15,729	2,098	13,821	9	9	--	--
1986	40,582	19,187	3,327	18,069	40,582	19,187	3,327	18,069	--	--	--	--
1987	42,800	18,682	3,952	20,166	42,800	18,682	3,952	20,166	--	--	--	--
1988	63,557	30,555	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:												
1st qtr.	14,625	8,234	1,149	5,242	14,625	8,234	1,149	5,242	--	--	--	--
2d qtr.	19,590	13,693	980	4,917	19,590	13,693	980	4,917	--	--	--	--
3d qtr.	15,703	10,530	759	4,414	15,703	10,530	759	4,414	--	--	--	--
4th qtr.	16,512	11,265	843	4,404	16,512	11,265	843	4,404	--	--	--	--
1991 total	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.												
4th qtr.												
1992 total												
					TO PEOPLE'S REPUBLIC OF CHINA							
1981	2,566	2,531	15	20	91	55	15	20	2,475	2,475	--	--
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:												
1st qtr.	14	--	--	14	14	--	--	14	--	--	--	--
2d qtr.	69	--	--	69	69	--	--	69	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	32	--	--	32	32	--	--	32	--	--	--	--
1991 total	115	--	--	115	115	--	--	115	--	--	--	--
1992:												
1st qtr.	1,630	--	994	636	--	--	--	--	1,630	--	994	636
2d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
3d qtr.												
4th qtr.												
1992 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 49--Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[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 softwoods	Total	Douglas-fir	Western hemlock	Other softwoods	Total	Douglas-fir	Western hemlock	Other softwoods
					TO ALL COUNTRIES							
1981	387.06	436.65	342.81	338.11	332.62	360.84	322.81	318.31	441.75	470.44	379.24	390.55
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	418.66	445.80	272.89	478.61
1984	348.57	384.22	287.76	338.19	314.01	322.95	304.50	317.24	376.39	404.05	259.55	391.65
1985	334.58	372.74	294.92	310.36	308.35	323.13	313.75	289.26	357.69	389.09	265.39	375.97
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	495.76	345.85	420.01
1988	383.85	440.63	355.20	319.32	346.21	363.75	348.28	323.32	434.96	495.40	373.35	311.29
1989	429.87	448.10	411.67	409.95	364.37	302.90	403.99	408.18	506.07	555.17	428.19	412.88
1990	486.71	551.80	425.06	432.48	424.64	436.20	416.25	421.18	566.07	630.19	448.56	456.02
1991:												
1st qtr.	484.89	547.77	423.91	422.83	440.23	454.72	422.84	442.98	528.83	596.43	425.67	381.97
2d qtr.	508.72	570.79	435.14	452.28	440.70	468.33	429.20	420.71	595.43	638.01	447.78	575.39
3d qtr.	518.32	578.67	428.13	493.10	453.00	480.18	420.69	463.32	602.86	641.87	452.79	565.52
4th qtr.	525.60	581.49	427.78	500.08	467.43	489.69	423.57	482.86	586.86	634.61	436.80	533.09
1991 average	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.												
4th qtr.												
1992 average												
					TO JAPAN							
1981	357.26	436.99	321.23	417.97	357.88	428.98	322.83	433.00	356.32	444.04	318.60	381.77
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:												
1st qtr.	451.14	451.64	423.43	506.15	438.92	441.44	421.77	465.97	467.42	460.41	425.98	598.64
2d qtr.	452.85	454.29	437.46	478.21	433.57	431.00	429.58	442.66	487.04	479.42	453.97	588.73
3d qtr.	456.16	450.43	432.59	510.23	448.63	467.78	426.35	473.40	471.58	427.59	452.38	580.94
4th qtr.	467.66	473.25	430.59	509.75	458.79	480.83	429.04	475.42	479.82	467.76	433.60	599.07
1991 average	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.												
4th qtr.												
1992 average												

Table 49--Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1981-92[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							
1981	281.69	298.64	301.46	241.23	271.69	298.64	301.46	241.23	--	--	--	--
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:												
1st qtr.	426.10	455.57	407.45	390.35	426.10	455.57	407.45	390.35	--	--	--	--
2d qtr.	444.86	477.54	481.57	368.95	444.86	477.54	481.57	368.95	--	--	--	--
3d qtr.	448.63	483.63	364.38	396.02	448.63	483.63	364.38	396.02	--	--	--	--
4th qtr.	451.90	501.13	400.86	368.32	451.90	501.13	400.86	368.32	--	--	--	--
1991 average	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.												
4th qtr.												
1992 average												
					TO PEOPLE'S REPUBLIC OF CHINA							
1981	283.78	286.62	741.60	105.42	270.55	450.82	741.60	105.42	284.30	284.30	--	--
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:												
1st qtr.	2,000.00	--	--	2,000.00	2,000.00	--	--	2,000.00	--	--	--	--
2d qtr.	425.93	--	--	425.93	425.93	--	--	425.93	--	--	--	--
3d qtr.	--	--	--	--	--	--	--	--	--	--	--	--
4th qtr.	561.40	--	--	561.40	561.40	--	--	561.40	--	--	--	--
1991 average	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.												
1992 average												

[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--Volume and average value of softwood lumber exports from southern California ports by species and destination, 1981-92[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			
1981	109,451	241.62	18,809	246.16	90,642	240.68
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:						
1st quarter	100,298	262.22	4,476	348.75	95,822	258.18
2d quarter	147,153	233.66	6,831	321.62	140,322	229.38
3d quarter	152,998	242.85	7,119	306.08	145,879	239.76
4th quarter	77,647	384.42	10,771	309.72	66,876	396.45
1991 total and average value	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	51,816	700.66	10,476	370.74	41,339	784.26
3d quarter						
4th quarter						
1992 total and average value						
			TO JAPAN			
1981	1,409	429.38	292	325.34	1,117	456.58
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:						
1st quarter	2,733	402.85	35	342.86	2,698	403.63
2d quarter	1,890	459.26	50	600.00	1,840	455.43
3d quarter	1,865	437.00	0	--	1,865	437.00
4th quarter	2,326	487.10	28	785.71	2,298	483.46
1991 total and average value	8,884	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						
4th quarter						
1992 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 51--Volume and average value of softwood lumber exports from northern California ports by species and destination, 1981-92[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				
1981	47,316	431.12	7,841	507.97	12,037	380.49	27,438	432.03
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:								
1st quarter	20,305	409.90	2,686	677.96	2,856	590.69	14,763	326.15
2d quarter	19,467	478.40	1,431	403.35	3,214	545.05	14,822	471.19
3d quarter								
4th quarter								
1992 total and average value								
				TO JAPAN				
1981	29,437	414.21	2,608	514.57	11,834	380.01	14,995	423.74
1982	38,213	357.18	7,285	388.06	6,581	318.19	24,347	358.44
1983	22,157	373.83	2,233	312.58	5,414	335.43	14,510	397.66
1984	10,127	465.49	345	252.17	321	448.60	9,461	473.84
1985	14,794	389.69	282	262.41	708	347.46	13,804	394.45
1986	23,651	370.77	226	358.41	4,877	408.04	18,548	361.06
1987	49,227	332.18	506	268.77	7,355	401.09	41,366	320.70
1988	84,861	287.15	1,058	293.95	17,440	340.37	66,363	273.06
1989	64,275	431.24	664	629.52	10,802	653.40	52,809	383.31
1990	51,810	509.82	926	605.83	11,769	674.48	39,115	458.01
1991	49,084	521.39	3,900	418.21	18,604	556.06	26,580	512.27
1992:								
1st quarter	6,847	532.93	47	744.68	2,856	590.69	3,944	488.59
2d quarter	6,007	615.93	4	1,652.11	3,214	545.05	2,789	696.06
3d quarter								
4th quarter								
1992 total and average value								
				TO PEOPLE'S REPUBLIC OF CHINA				
1981	93	344.09	0	--	0	--	93	344.09
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:								
1st quarter	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter								
4th quarter								
1992 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, 1981-91

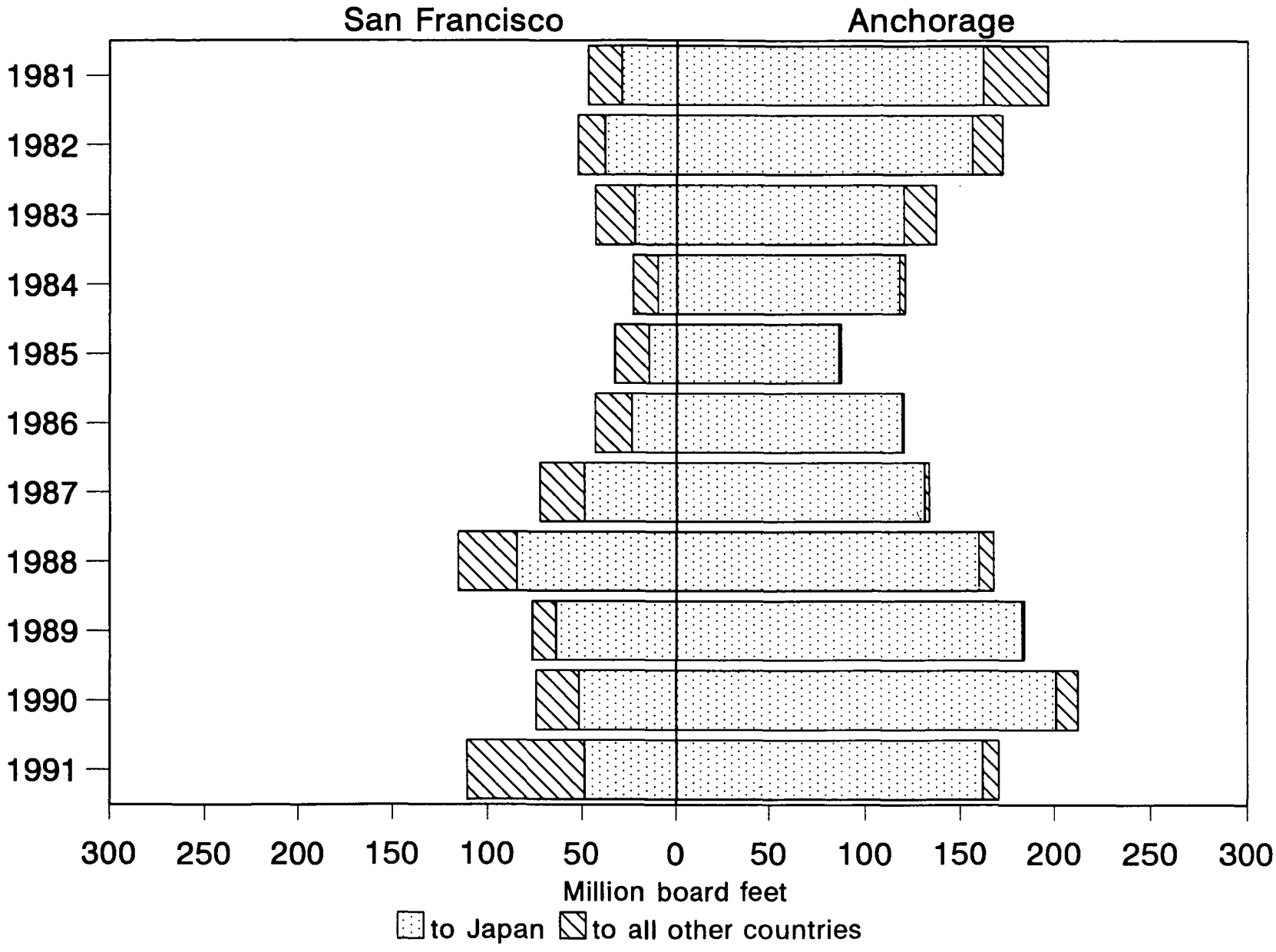

Table 52--Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1981-92

(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										
1981	195,981	305.70	104,974	222.39	91,007	401.79	0	--	0	--
1982	171,966	340.52	75,500	286.24	94,805	381.83	0	--	1,661	450.33
1983	136,660	330.05	70,791	256.23	64,193	414.20	0	--	1,676	223.75
1984	120,360	278.23	75,445	196.74	44,915	415.10	0	--	0	--
1985	87,127	264.94	59,426	219.80	27,701	361.76	0	--	0	--
1986	119,981	274.28	72,894	233.89	43,162	338.75	918	343.14	3,007	306.62
1987	133,144	292.11	80,253	241.19	49,085	374.07	10	300.00	3,796	309.01
1988	167,453	359.27	98,781	296.81	64,845	456.24	113	300.89	3,714	329.29
1989	183,760	380.04	106,055	333.46	72,870	456.91	2,532	209.72	2,302	280.63
1990	212,010	397.56	119,231	364.44	87,776	453.14	5,002	211.72	0	--
1991	170,308	412.31	95,478	364.64	69,782	480.80	3,069	369.83	1,979	363.32
1992:										
1st quarter	42,697	391.48	27,218	360.61	12,547	479.16	575	396.52	2,357	280.02
2d quarter	32,774	482.09	20,400	392.79	12,353	629.79	0	--	21	337.19
3d quarter										
4th quarter										
1992 total and average value										
TO JAPAN										
1981	161,794	313.50	82,753	215.32	79,041	416.30	0	--	0	--
1982	155,826	338.04	71,192	282.34	83,966	384.92	0	--	668	383.23
1983	119,662	319.78	64,250	249.14	53,814	407.20	0	--	1,598	215.89
1984	117,425	280.16	72,805	196.57	44,620	416.58	0	--	0	--
1985	85,981	265.77	58,280	220.14	27,701	361.76	0	--	0	--
1986	118,942	273.53	72,894	233.89	43,141	338.31	0	--	2,907	306.16
1987	130,678	289.57	79,318	240.94	47,919	369.14	0	--	3,441	302.24
1988	159,804	353.17	96,686	296.44	61,404	443.62	113	300.89	1,601	313.55
1989	182,656	378.20	106,055	333.46	71,854	453.20	2,532	209.72	2,215	279.91
1990	200,689	400.65	114,227	369.54	85,322	442.51	1,140	384.21	0	--
1991	161,649	415.65	90,749	370.90	66,072	480.02	2,863	384.91	1,965	362.34
1992:										
1st quarter	41,305	397.24	25,994	367.20	12,378	482.63	575	396.52	2,358	280.32
2d quarter	30,550	473.20	19,195	403.28	11,355	591.12	0	--	0	--
3d quarter										
4th quarter										
1992 total and average value										
TO PEOPLE'S REPUBLIC OF CHINA										
1981	27,159	251.78	18,438	252.58	8,721	250.09	0	--	0	--
1982	13,153	334.68	3,307	307.23	9,846	344.00	0	--	0	--
1983	12,254	332.63	6,428	326.54	5,826	339.51	0	--	0	--
1984	0	--	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--	0	--
1986	0	--	0	--	0	--	0	--	0	--
1987	0	--	0	--	0	--	0	--	0	--
1988	0	--	0	--	0	--	0	--	0	--
1989	0	--	0	--	0	--	0	--	0	--
1990	0	--	0	--	0	--	0	--	0	--
1991	0	--	0	--	0	--	0	--	0	--
1992:										
1st quarter	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--
3d quarter										
4th quarter										
1992 total and average value										

Source: U.S. Department of Commerce.

Table 53--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1991

(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	9,136	338.12	7,407	320.54	0	--	0	--	0	--
Other firs	3,575	456.68	3,575	456.68	0	--	0	--	0	--
Cedars	556	914.64	162	1,342.42	0	--	331	867.43	0	--
Hemlock	14,957	401.13	12,408	412.05	0	--	2,550	348.01	0	--
Spruce	566	321.11	566	321.11	0	--	0	--	0	--
Pines	300	418.26	300	418.26	0	--	0	--	0	--
Redwood	24	1,564.47	0	--	0	--	0	--	0	--
Other softwoods	1,303	594.03	1,303	594.03	0	--	0	--	0	--
All softwoods	30,418	405.99	25,721	405.05	0	--	2,881	407.75	0	--
Red alder	6,020	782.86	6,020	782.86	0	--	0	--	0	--
All hardwoods	7,019	833.21	7,019	833.21	0	--	0	--	0	--
Anacortes:										
Pines	22	320.82	0	--	0	--	0	--	22	320.82
All hardwoods	44	188.06	0	--	0	--	0	--	44	188.06
Everett:										
Douglas-fir	20	370.42	0	--	0	--	0	--	20	370.42
Hemlock	196	349.66	196	349.66	0	--	0	--	0	--
All softwoods	216	351.62	196	349.66	0	--	0	--	20	370.42
All hardwoods	3,334	262.44	3,334	262.44	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	818	508.02	0	--	0	--	0	--	818	508.02
Other firs	736	403.18	0	--	0	--	0	--	736	403.18
Hemlock	44	609.08	0	--	0	--	0	--	44	609.08
All softwoods	1,599	462.57	0	--	0	--	0	--	1,599	462.57
All hardwoods	31	629.29	0	--	0	--	0	--	31	629.29
Seattle:										
Douglas-fir	65,415	473.86	59,792	461.76	0	--	961	387.47	39	511.71
Other firs	39,184	369.28	37,498	369.19	131	322.89	340	318.59	0	--
Cedars	6,837	751.35	4,130	814.06	70	843.05	236	617.89	0	--
Hemlock	89,803	452.03	83,694	450.29	0	--	792	270.81	0	--
Spruce	10,004	578.54	5,058	413.08	0	--	3,873	864.13	0	--
Pines	22,500	556.59	20,438	545.55	0	--	61	439.82	40	311.82
Redwood	640	1,400.41	397	1,497.14	0	--	0	--	0	--
Other softwoods	31,239	448.51	12,812	398.10	0	--	1,559	343.69	0	--
All softwoods	265,621	468.39	223,819	453.21	201	503.57	7,824	607.29	78	410.14
Red alder	24,962	900.78	9,988	915.26	0	--	915	510.06	0	--
All hardwoods	59,596	1,005.41	36,295	1,082.68	227	609.39	5,588	813.12	0	--
Tacoma:[a]										
Douglas-fir	85,541	465.23	80,774	462.46	0	--	172	334.09	0	--
Other firs	32,481	411.34	31,701	415.00	0	--	0	--	0	--
Cedars	2,456	837.98	1,462	986.31	25	560.00	25	475.96	0	--
Hemlock	131,354	409.77	128,161	414.16	0	--	443	258.65	0	--
Spruce	5,097	411.63	4,834	422.83	0	--	0	--	0	--
Pines	8,716	646.99	8,636	645.47	0	--	35	919.31	0	--
Redwood	561	694.62	491	700.41	0	--	0	--	0	--
Other softwoods	9,413	414.95	8,433	438.81	0	--	71	211.98	0	--
All softwoods	275,619	439.28	264,492	441.20	25	560.00	746	309.70	0	--
Red alder	6,775	783.58	3,612	989.59	56	441.41	172	446.66	0	--
All hardwoods	11,325	858.80	6,097	1,039.23	556	483.51	246	716.66	0	--

Table 53--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1991 (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	110,070	488.07	3,811	388.40	0	--	0	--	90,122	480.23
Other firs	18,744	319.28	1,140	328.70	0	--	0	--	12,509	327.47
Cedars	16,198	408.56	343	620.12	0	--	0	--	14,311	392.09
Hemlock	17,415	408.69	4,957	383.55	0	--	0	--	8,997	411.62
Spruce	2,899	441.85	89	310.04	0	--	0	--	2,428	483.53
Pines	16,845	433.55	0	--	0	--	0	--	14,448	435.42
Redwood	576	746.21	0	--	0	--	0	--	83	1,228.70
Other softwoods	21,721	386.57	324	367.81	0	--	0	--	13,225	442.03
All softwoods	204,468	444.33	10,665	385.93	0	--	0	--	156,123	449.03
Red alder	1,688	856.77	0	--	0	--	0	--	542	586.27
All hardwoods	13,051	1,029.86	14	743.76	0	--	0	--	11,380	1,033.75
Total:										
Douglas-fir	271,001	472.42	151,783	453.40	0	--	1,133	379.35	91,000	480.47
Other firs	94,719	377.38	73,915	392.45	131	322.89	340	318.59	13,245	331.68
Cedars	26,046	549.82	6,097	858.49	95	768.50	593	751.39	14,311	392.09
Hemlock	253,770	424.13	229,415	426.51	0	--	3,785	321.38	9,041	412.60
Spruce	18,566	503.52	10,547	411.74	0	--	3,873	864.13	2,428	483.53
Pines	48,383	529.07	29,375	573.62	0	--	96	613.03	14,509	434.91
Redwood	1,800	973.61	888	1,056.58	0	--	0	--	83	1,228.70
Other softwoods	63,676	425.40	22,873	423.85	0	--	1,630	337.97	13,225	442.03
All softwoods	777,962	449.27	524,893	443.39	226	509.81	11,451	537.70	157,842	449.12
Red alder	39,445	860.77	19,619	888.32	56	441.41	1,087	500.03	542	586.27
All hardwoods	94,400	951.65	52,759	992.55	783	520.00	5,833	809.05	11,456	1,029.35

[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 54--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, second quarter 1992

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

Port and species	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
					Destination					
Aberdeen-Hoquiam:										
Douglas-fir	540	686.79	540	686.79	0	--	0	--	0	--
Hemlock	4,761	304.38	3,650	334.25	0	--	1,111	206.25	0	--
Spruce	272	349.77	272	349.77	0	--	0	--	0	--
Other softwoods	2,258	440.43	2,258	440.43	0	--	0	--	0	--
All softwoods	7,831	371.57	6,720	398.90	0	--	1,111	206.25	0	--
Red alder	1,932	991.76	1,932	991.76	0	--	0	--	0	--
All hardwoods	2,178	1,015.84	2,178	1,015.84	0	--	0	--	0	--
Everett:										
Douglas-fir	1,602	198.54	1,602	198.54	0	--	0	--	0	--
Port Angeles:										
Douglas-fir	302	474.78	0	--	0	--	0	--	302	474.78
Other firs	52	479.58	0	--	0	--	0	--	52	479.58
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	393	463.20	0	--	0	--	0	--	393	463.20
Seattle:										
Douglas-fir	13,462	553.59	11,776	543.60	0	--	406	370.41	0	--
Other firs	1,825	649.49	1,635	674.87	0	--	0	--	0	--
Cedars	3,633	713.87	3,319	640.77	0	--	153	1,344.97	0	--
Hemlock	12,406	472.80	11,767	467.56	0	--	120	844.87	0	--
Spruce	1,577	580.65	683	516.06	0	--	858	618.94	0	--
Pines	2,648	593.62	2,401	617.71	0	--	0	--	0	--
Redwood	250	437.11	166	188.56	0	--	85	923.02	0	--
Other softwoods	4,592	712.49	2,093	464.69	0	--	974	886.29	0	--
All softwoods	40,394	568.55	33,841	531.12	0	--	2,597	743.62	0	--
Red alder	6,147	1,155.14	1,370	1,271.23	0	--	261	468.11	0	--
All hardwoods	13,627	1,224.82	5,624	1,358.30	119	602.78	2,400	1,073.75	0	--
Tacoma:										
Douglas-fir	22,136	530.55	20,828	527.22	0	--	0	--	0	--
Other firs	2,507	617.44	2,406	631.14	0	--	0	--	0	--
Cedars	600	743.78	382	812.00	0	--	0	--	0	--
Hemlock	23,639	408.11	23,337	410.02	0	--	0	--	0	--
Spruce	1,403	474.91	1,403	474.91	0	--	0	--	0	--
Pines	1,939	709.32	1,899	712.00	0	--	0	--	0	--
Redwood	96	925.93	96	925.93	0	--	0	--	0	--
Other softwoods	14,439	386.48	14,206	387.03	0	--	0	--	0	--
All softwoods	66,759	465.81	64,556	464.46	0	--	0	--	0	--
Red alder	2,708	827.21	1,575	1,017.69	0	--	18	598.40	0	--
All hardwoods	3,433	921.56	1,919	1,131.72	0	--	18	598.40	0	--

Table 54--Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, second quarter 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:[a]										
Douglas-fir	20,958	522.43	293	342.89	0	--	0	--	18,824	512.41
Other firs	3,477	363.60	48	332.80	0	--	0	--	2,609	365.45
Cedars	2,925	445.60	28	474.54	0	--	0	--	2,681	420.90
Hemlock	2,678	434.10	419	350.52	0	--	0	--	1,206	487.04
Spruce	188	244.65	0	--	0	--	0	--	188	244.65
Pines	2,119	568.33	0	--	0	--	0	--	1,955	571.31
Redwood	232	549.48	33	800.16	0	--	0	--	199	508.41
Other softwoods	4,746	413.15	15	644.80	0	--	0	--	3,746	417.97
All softwoods	37,320	482.76	835	373.87	0	--	0	--	31,408	482.19
Red alder	277	1,300.31	0	--	0	--	0	--	92	1,026.83
All hardwoods	4,688	992.18	14	879.64	0	--	0	--	4,129	1,005.70
Total:										
Douglas-fir	58,999	525.06	35,039	518.62	0	--	406	370.41	19,125	511.82
Other firs	7,861	511.71	4,089	645.13	0	--	0	--	2,661	367.67
Cedars	7,160	607.16	3,729	657.10	0	--	153	1,344.97	2,684	422.13
Hemlock	43,483	416.81	39,173	419.61	0	--	1,231	268.66	1,206	487.04
Spruce	3,439	500.95	2,357	472.41	0	--	858	618.94	188	244.65
Pines	6,706	619.09	4,300	659.35	0	--	0	--	1,955	571.31
Redwood	578	563.17	294	496.54	0	--	85	923.02	199	508.41
Other softwoods	26,073	453.25	18,572	402.49	0	--	974	886.29	3,783	416.43
All softwoods	154,300	489.24	107,554	476.67	0	--	3,708	582.60	31,802	481.96
Red alder	11,064	1,049.98	4,878	1,078.65	0	--	279	476.63	92	1,026.83
All hardwoods	23,925	1,116.70	9,735	1,236.34	119	602.78	2,419	1,070.17	4,129	1,005.70

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

Source: U.S. Department of Commerce.

Table 55--Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, 1991

(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:										
Douglas-fir	585	477.01	0	--	0	--	0	--	0	--
Pines	28	378.16	0	--	0	--	0	--	0	--
Other softwoods	424	279.95	0	--	0	--	0	--	0	--
All softwoods	1,037	393.77	0	--	0	--	0	--	0	--
Coos Bay:										
Douglas-fir	219,929	720.85	26,047	457.97	0	--	0	--	0	--
Other firs	1,247	538.20	0	--	0	--	0	--	0	--
Cedars	552	610.79	14	1,382.07	0	--	0	--	0	--
Hemlock	4,257	402.88	1,469	314.99	0	--	0	--	0	--
Spruce	1,478	351.00	0	--	0	--	0	--	0	--
Pines	9,481	454.91	42	572.12	0	--	0	--	0	--
Redwood	1,756	1,198.15	463	2,011.20	0	--	0	--	0	--
Other softwoods	10,921	379.36	439	346.72	0	--	0	--	0	--
All softwoods	249,621	690.40	28,473	474.73	0	--	0	--	0	--
All hardwoods	295	1,304.82	0	--	0	--	0	--	0	--
Longview (Washington):										
Douglas-fir	46,512	669.72	24,853	370.72	0	--	0	--	0	--
Other firs	827	242.14	36	1,418.91	0	--	0	--	0	--
Cedars	11,116	66.69	0	--	0	--	0	--	0	--
Hemlock	16,536	345.48	16,290	348.56	0	--	0	--	0	--
Spruce	75	285.15	75	285.15	0	--	0	--	0	--
Pines	175	519.74	0	--	0	--	0	--	0	--
Redwood	393	1,282.76	122	933.22	0	--	0	--	0	--
Other softwoods	3,761	653.63	2,847	755.33	0	--	0	--	0	--
All softwoods	79,394	514.88	44,224	389.59	0	--	0	--	0	--
All hardwoods	188	1,455.65	0	--	0	--	0	--	0	--
Portland:										
Douglas-fir	187,594	504.28	109,017	483.16	0	--	285	376.06	1,454	547.97
Other firs	24,927	544.29	22,112	569.26	0	--	0	--	376	241.33
Cedars	6,427	601.82	449	766.04	0	--	12	913.32	162	656.14
Hemlock	96,336	456.22	94,381	457.10	0	--	219	286.36	1,436	433.68
Spruce	1,700	433.42	1,473	451.68	0	--	0	--	0	--
Pines	5,924	445.32	5,416	432.41	0	--	0	--	204	512.68
Redwood	2,425	1,083.38	2,065	1,136.19	0	--	0	--	17	654.76
Other softwoods	28,734	525.98	26,706	537.95	0	--	0	--	502	379.19
All softwoods	354,066	500.19	261,619	491.04	0	--	517	350.28	4,152	463.20
Red alder	7,359	956.26	2,642	915.45	0	--	92	498.09	819	502.22
All hardwoods	16,693	1,078.10	8,667	1,155.32	189	732.30	666	760.22	1,849	585.82
Total:										
Douglas-fir	454,620	625.94	159,917	461.59	0	--	285	376.06	1,454	547.97
Other firs	27,000	534.76	22,149	570.66	0	--	0	--	376	241.33
Cedars	18,094	273.34	462	784.11	0	--	12	913.32	162	656.14
Hemlock	117,129	438.65	112,140	439.47	0	--	219	286.36	1,436	433.68
Spruce	3,253	392.55	1,548	443.61	0	--	0	--	0	--
Pines	15,608	451.86	5,458	433.48	0	--	0	--	204	512.68
Redwood	4,574	1,144.57	2,650	1,279.63	0	--	0	--	17	654.76
Other softwoods	43,840	498.02	29,993	555.79	0	--	0	--	502	379.19
All softwoods	684,119	571.14	334,316	476.23	0	--	517	350.28	4,152	463.20
Red alder	7,359	956.26	2,642	915.45	0	--	92	498.09	819	502.22
All hardwoods	17,177	1,086.14	8,667	1,155.32	189	732.30	666	760.22	1,849	585.82

Source: U.S. Department of Commerce.

Table 56--Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, second quarter 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
Coos Bay:										
Douglas-fir	62,880	728.19	5,177	493.82	0	--	0	--	0	--
Other firs	143	1,047.00	0	--	0	--	0	--	0	--
Cedars	185	735.98	0	--	0	--	0	--	0	--
Hemlock	2,278	318.62	642	252.31	0	--	0	--	0	--
Spruce	374	200.45	0	--	0	--	0	--	0	--
Pines	861	476.24	42	572.12	0	--	0	--	0	--
Redwood	503	1,281.44	159	2,072.15	0	--	0	--	0	--
Other softwoods	2,303	388.62	40	300.02	0	--	0	--	0	--
All softwoods	69,526	702.24	6,061	508.97	0	--	0	--	0	--
All hardwoods	144	875.76	0	--	0	--	0	--	0	--
Longview (Washington):[a]										
Douglas-fir	9,694	757.90	4,624	330.68	0	--	0	--	0	--
Other firs	70	138.77	0	--	0	--	0	--	0	--
Cedars	102	608.58	0	--	0	--	0	--	0	--
Hemlock	4,582	319.19	4,582	319.19	0	--	0	--	0	--
Spruce	59	273.61	59	273.61	0	--	0	--	0	--
Other softwoods	521	830.99	521	830.99	0	--	0	--	0	--
All softwoods	15,027	620.87	9,786	351.58	0	--	0	--	0	--
Portland:										
Douglas-fir	46,831	492.10	28,216	501.14	0	--	0	--	406	626.78
Other firs	4,864	527.87	4,621	540.86	0	--	0	--	176	223.84
Cedars	1,431	612.98	116	611.66	0	--	0	--	14	1,622.61
Hemlock	25,165	482.89	24,766	484.15	0	--	0	--	186	443.97
Pines	1,543	462.39	1,308	417.01	0	--	0	--	90	550.84
Redwood	608	1,309.71	589	1,330.34	0	--	0	--	0	--
Other softwoods	5,707	529.64	5,485	525.93	0	--	0	--	143	582.76
All softwoods	86,148	501.17	65,102	505.60	0	--	0	--	1,015	524.31
Red alder	1,205	973.08	650	1,062.44	0	--	74	467.32	164	506.19
All hardwoods	3,275	980.26	1,765	1,104.29	0	--	314	335.37	524	629.36
Total:										
Douglas-fir	119,404	638.01	38,017	479.41	0	--	0	--	406	626.78
Other firs	5,077	537.16	4,621	540.86	0	--	0	--	176	223.84
Cedars	1,717	625.95	116	611.66	0	--	0	--	14	1,622.61
Hemlock	32,025	447.79	29,991	453.98	0	--	0	--	186	443.97
Spruce	433	210.40	59	273.61	0	--	0	--	0	--
Pines	2,403	467.35	1,350	421.83	0	--	0	--	90	550.84
Redwood	1,111	1,296.92	749	1,488.19	0	--	0	--	0	--
Other softwoods	8,531	509.97	6,046	550.70	0	--	0	--	143	582.76
All softwoods	170,701	593.60	80,948	487.23	0	--	0	--	1,015	524.31
Red alder	1,205	973.08	650	1,062.44	0	--	74	467.32	164	506.19
All hardwoods	3,419	975.86	1,765	1,104.29	0	--	314	335.37	524	629.36

[a] Includes a small amount exported from the Port of Vancouver.

Source: U.S. Department of Commerce.

Table 57--Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, 1991

(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:										
Pines	958	464.92	0	--	0	--	0	--	0	--
Redwood	21,728	365.43	0	--	0	--	0	--	0	--
Other softwoods	2,635	511.60	0	--	0	--	0	--	0	--
All softwoods	25,321	384.40	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	7,497	574.39	2,144	518.96	0	--	0	--	0	--
Other firs	10,548	536.20	9,589	541.43	0	--	20	431.83	13	1,221.49
Cedars	5,405	626.76	5,197	628.95	0	--	0	--	52	572.86
Hemlock	18,642	551.31	18,634	551.35	0	--	0	--	0	--
Spruce	6,087	392.86	5,874	398.58	0	--	0	--	61	213.06
Pines	3,787	333.31	892	419.99	0	--	0	--	0	--
Redwood	1,808	800.74	1,485	765.16	0	--	115	1,005.16	46	805.72
Other softwoods	21,262	260.85	1,667	492.43	0	--	835	299.74	93	279.10
All softwoods	75,037	456.78	45,483	539.11	0	--	970	386.30	265	458.97
Red alder	429	645.30	406	617.80	0	--	0	--	0	--
All hardwoods	14,121	1,077.13	10,717	1,132.17	0	--	1,319	1,121.39	1,200	642.66
Sacramento:										
Douglas-fir	1,580	229.19	1,580	229.19	0	--	0	--	0	--
Other softwoods	1,430	229.32	1,430	229.32	0	--	0	--	0	--
All softwoods	3,009	229.25	3,009	229.25	0	--	0	--	0	--
San Francisco:										
Douglas-fir	1,133	652.33	175	891.10	0	--	0	--	0	--
Other firs	27	1,220.31	27	1,220.31	0	--	0	--	0	--
Hemlock	185	383.12	185	383.12	0	--	0	--	0	--
Spruce	556	212.42	0	--	0	--	0	--	0	--
Pines	88	519.35	23	804.89	0	--	0	--	0	--
Redwood	5,664	454.87	461	568.02	0	--	0	--	0	--
Other softwoods	329	373.24	39	300.08	0	--	0	--	232	408.88
All softwoods	7,981	464.25	911	606.10	0	--	0	--	232	408.88
Red alder	12	863.93	12	863.93	0	--	0	--	0	--
All hardwoods	65	1,034.63	12	863.93	0	--	11	1,266.36	23	881.31
Other:										
Douglas-fir	32	362.78	0	--	0	--	0	--	0	--
All hardwoods	722	84.37	722	84.37	0	--	0	--	0	--
Total:										
Douglas-fir	10,241	529.11	3,899	418.26	0	--	0	--	0	--
Other firs	10,575	537.93	9,616	543.32	0	--	20	431.83	13	1,221.49
Cedars	5,405	626.76	5,197	628.95	0	--	0	--	52	572.86
Hemlock	18,827	549.65	18,819	549.70	0	--	0	--	0	--
Spruce	6,643	377.77	5,874	398.58	0	--	0	--	61	213.06
Pines	4,833	362.78	916	429.79	0	--	0	--	0	--
Redwood	29,200	409.74	1,946	718.46	0	--	115	1,005.16	46	805.72
Other softwoods	25,656	286.28	3,136	370.08	0	--	835	299.74	325	371.65
All softwoods	111,380	434.69	49,403	521.47	0	--	970	386.30	497	435.59
Red alder	441	651.18	418	624.79	0	--	0	--	0	--
All hardwoods	14,908	1,028.84	11,452	1,065.79	0	--	1,330	1,122.64	1,223	647.21

Source: U.S. Department of Commerce.

Table 58--Volume and average value of lumber exports by port, species, and destination, San Francisco Customs District, second quarter 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	--
Redwood	9,730	449.35	0	--	0	--	0	--	0	--
All softwoods	9,749	451.75	0	--	0	--	0	--	0	--
All hardwoods	69	1,514.89	0	--	0	--	0	--	0	--
Oakland:										
Douglas-fir	1,005	340.28	4	1,628.40	0	--	0	--	0	--
Other firs	489	542.32	430	562.24	0	--	0	--	48	332.82
Cedars	1,647	562.62	1,604	561.97	0	--	0	--	0	--
Hemlock	3,176	542.41	3,176	542.41	0	--	0	--	0	--
Spruce	269	212.36	269	212.36	0	--	0	--	0	--
Pines	95	1,092.63	95	1,092.63	0	--	0	--	0	--
Redwood	281	1,814.28	237	2,032.26	0	--	0	--	11	580.56
Other softwoods	2,548	354.48	400	850.22	0	--	47	531.53	0	--
All softwoods	9,509	507.87	6,215	620.30	0	--	47	531.53	59	377.38
Red alder	16	1,430.48	0	--	0	--	0	--	0	--
All hardwoods	2,528	1,258.92	2,272	1,279.65	0	--	0	--	155	864.64
San Pablo Bay:										
Douglas-fir	22	375.91	0	--	0	--	0	--	0	--
San Francisco:										
Douglas-fir	388	517.44	0	--	0	--	0	--	0	--
Cedars	7	3,828.51	0	--	0	--	0	--	0	--
Hemlock	38	770.93	38	770.93	0	--	0	--	0	--
Spruce	20	919.42	20	919.42	0	--	0	--	0	--
All softwoods	453	606.31	58	822.58	0	--	0	--	0	--
All hardwoods	27	820.38	0	--	0	--	0	--	27	820.38
Total:										
Douglas-fir	1,431	403.05	4	1,628.40	0	--	0	--	0	--
Other firs	493	551.31	430	562.24	0	--	0	--	48	332.82
Cedars	1,653	576.01	1,604	561.97	0	--	0	--	0	--
Hemlock	3,214	545.13	3,214	545.13	0	--	0	--	0	--
Spruce	289	262.12	289	262.12	0	--	0	--	0	--
Pines	95	1,092.63	95	1,092.63	0	--	0	--	0	--
Redwood	10,011	487.60	237	2,032.26	0	--	0	--	11	580.56
Other softwoods	2,548	354.48	400	850.22	0	--	47	531.53	0	--
All softwoods	19,733	482.26	6,274	622.18	0	--	47	531.53	59	377.38
Red alder	16	1,430.48	0	--	0	--	0	--	0	--
All hardwoods	2,623	1,261.15	2,272	1,279.65	0	--	0	--	181	858.12

Source: U.S. Department of Commerce.

Table 59--Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, 1991

(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	73	437.90	73	437.90	0	--	0	--	0	--
Hemlock	1,533	326.15	1,533	326.15	0	--	0	--	0	--
Spruce	3,926	401.47	2,954	456.62	0	--	972	233.95	0	--
Other softwoods	1,892	359.39	1,892	359.39	0	--	0	--	0	--
All softwoods	7,425	375.55	6,453	396.89	0	--	972	233.95	0	--
Dalton Cache:										
Cedars	206	159.78	0	--	0	--	206	159.78	0	--
Hemlock	7,823	313.69	5,004	349.24	0	--	608	460.26	0	--
Spruce	6,644	647.93	4,000	679.11	0	--	2,370	647.18	0	--
All softwoods	14,673	462.88	9,004	495.77	0	--	3,185	579.95	0	--
Ketchikan:										
Firs	13	519.12	0	--	0	--	0	--	13	519.12
Cedars	2,073	399.73	2,073	399.73	0	--	0	--	0	--
Hemlock	58,818	417.71	57,127	423.75	0	--	0	--	644	243.53
Spruce	32,060	672.56	31,986	673.65	0	--	0	--	0	--
All softwoods	92,964	505.21	91,186	510.86	0	--	0	--	657	249.04
Valdez:										
Spruce	30	334.88	11	560.68	0	--	19	201.46	0	--
Wrangell:										
Cedars	382	271.37	382	271.37	0	--	0	--	0	--
Hemlock	27,304	267.04	27,084	265.96	0	--	0	--	0	--
Spruce	27,529	227.66	27,529	227.66	0	--	0	--	0	--
All softwoods	55,216	247.44	54,996	246.83	0	--	0	--	0	--
Total:										
Firs	86	450.24	73	437.90	0	--	0	--	13	519.12
Cedars	2,661	362.73	2,456	379.75	0	--	206	159.78	0	--
Hemlock	95,479	364.63	90,749	370.90	0	--	608	460.26	644	243.53
Spruce	70,189	480.42	66,479	479.63	0	--	3,361	525.16	0	--
Other softwoods	1,892	359.39	1,892	359.39	0	--	0	--	0	--
All softwoods	170,308	412.31	161,649	415.64	0	--	4,176	497.68	657	249.04

Source: U.S. Department of Commerce.

Table 60--Volume and average value of lumber exports by port, species, and destination, Anchorage Customs District, second quarter 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
Ketchikan:										
Hemlock	14,610	445.40	13,406	465.19	0	--	0	--	0	--
Spruce	8,707	776.34	7,708	738.27	0	--	999	1,070.15	0	--
All softwoods	23,317	568.98	21,114	564.89	0	--	999	1,070.15	0	--
Skagway:										
All hardwoods	21	190.55	0	--	0	--	0	--	21	190.55
Wrangell:										
Hemlock	5,789	260.01	5,789	260.01	0	--	0	--	0	--
Spruce	3,646	279.96	3,646	279.96	0	--	0	--	0	--
All softwoods	9,436	267.72	9,436	267.72	0	--	0	--	0	--
Total:										
Hemlock	20,400	392.79	19,195	403.31	0	--	0	--	0	--
Spruce	12,353	629.83	11,355	591.10	0	--	999	1,070.15	0	--
All softwoods	32,753	482.19	30,550	473.10	0	--	999	1,070.15	0	--
All hardwoods	21	190.55	0	--	0	--	0	--	21	190.55

Source: U.S. Department of Commerce.

Table 61--Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1981-92[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
1981	79,210	231.73	18,196	259.12	1,308	336.39	59,706	221.10
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:								
1st quarter	4,616	467.29	1,132	598.06	125	536.00	3,359	420.66
2d quarter	5,315	510.44	2,114	593.19	44	1,022.73	3,157	447.89
3d quarter	5,604	546.93	2,480	633.07	24	875.00	3,100	475.48
4th quarter	3,073	507.65	1,288	652.17	0	--	1,785	403.36
1991 total	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								
4th quarter								
1992 total								

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

Source: U.S. Department of Commerce.

Table 62--Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1981-92

(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				
1981	22,717	528.50	2,837	581.25	1,812	250.00	3,893	586.18
1982	16,019	515.51	3,164	697.85	0	--	4,135	544.86
1983	34,729	542.86	3,668	536.26	0	--	6,031	504.39
1984	36,397	596.86	6,497	687.09	0	--	7,849	452.67
1985	35,841	634.36	3,958	646.29	3,322	280.25	6,987	438.53
1986	60,331	529.86	3,699	630.98	111	504.50	8,966	553.87
1987	73,644	559.99	7,989	657.90	3,316	699.94	17,337	416.28
1988	121,087	503.59	16,116	574.15	8,767	767.31	6,505	490.39
1989	85,722	741.38	22,106	609.47	64	656.25	10,894	983.75
1990	80,745	965.60	13,439	771.56	0	--	11,363	1,184.72
1991	94,711	941.49	17,432	1,072.74	0	--	14,782	1,031.80
1992:								
1st quarter	23,580	1,026.63	4,814	1,133.15	0	--	3,191	1,153 56
2d quarter	23,849	1,114.05	4,856	1,036.45	21	190.48	2,623	1,261.15
3d quarter								
4th quarter								
1992 total								
				TO JAPAN				
1981	1,773	371.06	1,328	540.66	0	--	2,513	536 01
1982	2,951	611.66	792	723.48	0	--	3,507	525.52
1983	13,721	599.45	2,601	504.42	0	--	3,737	348.68
1984	20,603	685.24	5,092	696.58	0	--	6,813	409.66
1985	20,690	702.32	2,859	668.77	3,322	280.25	5,793	408.42
1986	30,531	667.65	2,810	683.27	111	504.50	3,695	391.88
1987	39,778	595.35	4,173	569.37	361	761.77	12,430	301.69
1988	76,276	528.70	9,111	390.74	2,045	709.54	4,168	465.21
1989	42,867	791.89	9,203	665.98	25	760.00	8,041	1,053.97
1990	40,970	1,040.32	4,581	997.38	0	--	8,776	1,278.83
1991	52,801	992.25	8,667	1,155.30	0	--	11,445	1,065.97
1992:								
1st quarter	11,294	1,099.43	2,534	1,152.72	0	--	2,784	1,135.78
2d quarter	9,735	1,236.36	2,653	986.05	0	--	2,272	1,279.49
3d quarter								
4th quarter								
1992 total								
				TO PEOPLE'S REPUBLIC OF CHINA				
1981	0	--	0	--	1,812	250.00	3	2,000.00
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:								
1st quarter	141	624.11	0	--	0	--	29	51 7 24
2d quarter	119	605.04	0	--	0	--	0	-
3d quarter								
4th quarter								
1992 total								

Source: U.S. Department of Commerce.

Table 63--Volume of lumber exports from British Columbia ports by species and destination, 1981-91

(In thousand board feet)

Year	Total, All species	Douglas-fir	Hemlock	Cedars	Spruces	Other Softwoods	Hardwoods
			TO ALL COUNTRIES				
1981	4,421,519	420,466	1,805,988	604,608	1,495,892	93,086	1,479
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
			TO JAPAN				
1981	867,636	34,239	577,901	129,256	125,324	717	199
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
			TO UNITED STATES[b]				
1981	2,337,958	228,856	803,019	394,800	813,733	96,305	1,245
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
			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

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 64--Average value of lumber exports from British Columbia ports by species and destination, 1985-91

(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
			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
			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
			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

NA = not available.

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

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

Table 65--Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1981-92

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

Year and quarter	From both customs districts: Softwood 3/8-inch basis Volume	Average value	From both customs districts: Hardwood surface measure Volume	Average value	From Seattle Customs District: Softwood 3/8-inch basis Volume	Average value	From Seattle Customs District: Hardwood surface measure Volume	Average value	From Columbia-Snake Customs District: Softwood 3/8-inch basis Volume	Average value	From Columbia-Snake Customs District: Hardwood surface measure Volume	Average value
					TO ALL COUNTRIES							
1981	327,967	262.70	18,645	163.64	65,729	224 32	17,333	153.35	262,238	272.32	1,312	299.54
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	141.90	133,052	480.08	284	788.73
1985	94,676	226.83	10,789	144.04	15,691	213.12	10,013	143.51	78,985	370.72	776	150.77
1986	204,236	210.84	12,622	155.52	26,381	254.69	12,275	156.17	177,855	204.34	347	132.56
1987	243,637	216.55	10,318	152.36	36,200	245.36	10,041	147.79	204,637	211.52	277	317.69
1988	289,573	224.51	20,411	164.47	48,810	232.27	18,987	158.69	240,763	222.94	1,424	241.57
1989	309,243	208.19	18,092	191.96	68,885	219.42	17,754	191.45	240,358	204.97	338	218.93
1990	259,182	215.13	21,993	285.45	67,461	234.59	18,355	298.23	191,721	208.28	3,638	221.00
1991	237,910	217.53	35,912	264.35	77,471	231.31	32,306	266.58	160,439	210.87	3,606	244.32
1992:												
1st quarter	44,643	233.74	11,594	272.64	15,713	237.83	10,800	271.94	28,930	231.52	794	282.12
2d quarter	39,794	237.25	13,005	286.58	9,054	244.86	12,947	285.78	30,740	235.00	58	465.52
3d quarter												
4th quarter												
1992 total												
					TO JAPAN							
1981	5,056	344.94	13	615.38	2,162	275.67	12	583.33	2,894	396.68	1	1,000.00
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	284.63	898	151.45	1,310	196.18	122	155.74	4,740	309.07	776	150.77
1986	7,644	264.52	39	1,000.00	1,277	245.11	39	1,000.0	6,367	268.42	0	--
1987	11,299	250.64	400	327.50	2,670	266.29	157	414.01	8,629	245.80	243	271.60
1988	15,166	233.35	1,954	252.81	7,445	231.83	852	261.74	7,721	234.81	1,102	245.92
1989	17,075	210.01	891	243.55	10,880	204.04	874	242.56	6,195	220.50	17	294.12
1990	16,144	224.54	616	235.39	14,312	221.00	200	285.00	1,832	252.18	416	211.54
1991	21,407	233.66	723	192.25	20,385	231.54	413	186.44	1,022	275.93	310	200.00
1992:												
1st quarter	3,182	231.93	106	556.60	2,157	242.93	0	--	1,025	208.78	106	556.60
2d quarter	1,927	221.59	1,223	347.51	1,463	221.46	1,189	339.78	464	221.98	34	617.65
3d quarter												
4th quarter												
1992 total												
					TO WESTERN EUROPE							
1981	249,543	254.80	677	159.53	12,163	252.16	0	--	237,380	254.94	677	159.53
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	65	200.00	5,497	225.94	65	200.00	68,227	212.75	0	--
1986	174,439	203.26	304	128.29	9,305	309.30	304	128.29	165,134	197.29	0	--
1987	207,811	211.14	346	199.42	15,480	259.37	346	199.42	192,331	207.26	0	--
1988	232,672	209.74	579	202.07	16,424	212.31	579	202.07	216,248	209.55	0	--
1989	254,053	206.39	71	408.45	26,593	229.95	43	488.37	227,460	203.64	28	285.71
1990	191,734	213.80	3,035	200.99	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:												
1st quarter	28,492	232.17	670	231.34	3,234	268.09	103	203.88	25,258	227.57	567	236.33
2d quarter	27,249	240.38	550	489.09	1,183	356.72	550	489.09	26,066	235.10	0	--
3d quarter												
4th quarter												
1992 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 66–Volume and average value of plywood exports from California, 1981-92[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
1981	9,349	289.12	2,424	312.71	487	492.81	2,830	238.52	3,608	285.48
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:										
1st quarter	30,766	166.42	853	256.74	235	400.00	22,942	165.07	6,736	151.43
2d quarter	20,832	172.24	1,407	248.05	486	230.45	11,426	161.30	7,513	170.90
3d quarter	27,657	171.53	259	270.27	24	791.67	17,475	166.18	9,899	176.89
4th quarter	30,171	160.92	390	220.51	255	121.57	20,721	159.65	8,805	162.41
1991 total	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										
4th quarter										
1992 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 67--Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1981-92

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

Year and quarter	From both customs districts: Softwood 3/8-inch basis Volume	Softwood 3/8-inch basis Average value	Hardwood, surface measure Volume	Hardwood, surface measure Average value	From Seattle Customs District: Softwood, 3/8-inch basis Volume	Softwood, 3/8-inch basis Average value	Hardwood, surface measure Volume	Hardwood, surface measure Average value	From Columbia-Snake Customs District: Softwood, 3/8-inch basis Volume	Softwood, 3/8-inch basis Average value	Hardwood, surface measure Volume	Hardwood, surface measure Average value
TO ALL COUNTRIES												
1981	189,980	31.62	11,997	79.02	185,648	27.08	11,793	79.79	4,332	226.45	24	250.00
1982	231,316	28.61	19,514	41.87	148,876	26.79	5,870	58.09	82,440	31.89	13,644	34.81
1983	292,795	27.80	14,330	65.39	160,267	27.00	13,893	62.69	132,528	28.77	437	151.03
1984	266,106	27.04	37,273	92.91	127,697	30.35	31,771	103.11	138,409	23.99	5,502	33.81
1985	221,547	29.56	38,473	92.97	153,095	28.82	36,161	97.78	68,452	31.19	2,312	17.73
1986	333,798	30.57	64,746	108.64	271,342	29.28	61,800	109.45	62,456	36.15	2,946	91.65
1987	290,803	43.49	79,792	77.09	239,599	32.00	70,955	79.77	51,091	91.39	8,837	55.56
1988	163,092	55.56	172,369	81.09	125,461	47.42	153,013	84.20	37,631	82.70	19,356	56.52
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	79,643	110.67	120,836	122.76	75,047	105.19	118,087	121.71	4,596	200.17	2,749	168.06
1991	124,425	91.79	135,266	142.31	111,897	88.11	132,675	141.98	12,528	124.68	2,591	159.40
1992:												
1st quarter	35,395	86.00	25,226	144.45	31,491	70.21	23,834	144.50	3,905	213.32	1,392	143.68
2d quarter	36,417	88.86	33,214	129.73	32,247	71.51	28,392	139.51	4,170	223.02	4,822	72.17
3d quarter												
4th quarter												
1992 total												
TO JAPAN												
1981	978	22.49	821	174.18	0	--	821	174.18	978	22.49	0	--
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	27.61	17,151	63.73	40,769	108.56	7,149	66.44
1988	38,585	107.58	81,628	96.87	21,626	77.21	63,065	77.21	16,959	121.29	18,563	55.65
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	33,574	145.86	64,727	124.31	30,053	141.42	63,918	123.50	3,521	183.75	809	187.89
1991	92,521	90.93	89,489	142.00	88,453	84.44	87,678	141.27	4,068	232.06	1,811	177.25
1992:												
1st quarter	29,113	77.90	14,089	142.03	25,278	57.40	12,896	143.92	3,835	213.04	1,193	121.54
2d quarter	29,484	82.04	13,134	138.50	25,827	62.45	8,409	177.31	3,657	220.67	4,725	69.42
3d quarter												
4th quarter												
1992 total												
TO WESTERN EUROPE												
1981	480	143.75	0	--	480	143.75	0	--	0	--	0	--
1982	14	71.43	34	117.65	14	71.43	8	125.00	0	--	26	115.38
1983	38,570	40.81	0	--	7,567	36.08	0	--	31,003	41.93	0	--
1984	30,122	44.05	5,138	23.55	2,790	44.09	0	--	27,332	44.01	5,138	23.55
1985	13,093	42.16	432	87.96	682	21.99	432	87.96	12,411	43.11	0	--
1986	22,313	37.87	1,953	73.73	3,287	34.07	1,953	73.73	19,026	38.47	0	--
1987	10,016	51.42	1,688	9.48	294	105.44	0	--	9,722	49.78	1,688	9.48
1988	6,373	104.19	1,275	83.14	525	116.19	482	93.36	5,848	103.11	793	76.92
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	367	242.51	2,967	118.30	239	221.76	2,967	118.30	128	281.25	0	--
1991	7,531	44.35	3,228	102.85	0	--	3,228	102.85	7,531	44.35	0	--
1992:												
1st quarter	606	232.67	0	--	606	232.67	0	--	0	--	0	--
2d quarter	319	279.00	0	--	227	277.53	0	--	92	282.61	0	--
3d quarter												
4th quarter												
1992 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 68--Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1987-92

(In thousand board feet, Scribner scale)

Agency	1987	1988	1989	1990	1991 Total	1991 2d qtr.	1992 1st qtr.	1992 2d qtr.	1992 3d qtr.	1992 4th qtr.	1992 Total
Montana:											
USDA Forest Service[a]	502,115	428,062	408,764	304,366	344,196	68,081	56,785	81,447			
U.S. Bureau of Land Manage.[b]	7,696	6,086	5,843	6,675	6,474	2,543	R1,314	528			
U.S. Bureau of Indian Affairs	28,480	50,383	70,112	65,976	44,296	8,137	R30,201	1,984			
State of Montana	55,614	42,035	43,949	31,427	26,722	2,068	11,237	3,502			
Total	593,905	526,566	528,668	408,443	421,688	80,830	R99,536	87,461			
Idaho:											
USDA Forest Service[a]	654,748	745,226	798,642	709,121	579,349	129,328	37,388	122,550			
U.S. Bureau of Land Manage.[b]	16,374	8,058	16,407	8,877	24,224	2,168	661	3,623			
U.S. Bureau of Indian Affairs	4,214	2,718	7,310	1,205	558	558	0	0			
State of Idaho	215,265	441,916	400,344	307,215	413,492	113,085	105,133	241,260			
Total	890,601	1,197,918	1,222,703	1,026,418	1,017,623	245,139	143,182	367,433			
All public lands:											
USDA Forest Service[a]	1,156,863	1,173,288	1,207,406	1,013,486	923,544	197,409	94,173	203,997			
U.S. Bureau of Land Manage.[b]	24,070	14,144	22,250	15,552	30,698	4,711	R1,975	4,151			
U.S. Bureau of Indian Affairs	32,694	53,101	77,422	67,181	44,854	8,695	R30,201	1,984			
State of Montana	55,614	42,035	43,949	31,427	26,722	2,068	11,237	3,502			
State of Idaho	215,265	441,916	400,344	307,215	413,492	113,085	105,133	241,260			
Total	1,484,506	1,724,484	1,751,371	1,434,861	1,439,310	325,968	R242,718	454,894			

R = revised.

[a] Convertible products only.

[b] Does not include cull log sales.

Source: Respective agencies listed.

Table 69--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1987-92

(In dollars per thousand board feet)

Agency	1987	1988	1989	1990	1991		1992				
					Average	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
Montana:											
USDA Forest Service[a]	35.71	47.40	97.37	119.43	105.01	81.58	195.54	151.99			
U.S. Bureau of Land Manage.[b]	38.62	55.75	86.44	114.50	62.72	43.86	R101.75	38.22			
U.S. Bureau of Indian Affairs	78.91	61.33	90.59	57.44	112.22	124.29	R181.44	66.28			
State of Montana	65.09	79.45	154.53	148.39	189.63	102.95	192.30	163.81			
Average	40.57	51.39	101.10	111.56	110.48	85.24	R189.66	149.84			
Idaho:											
USDA Forest Service[a]	46.26	56.54	82.89	92.29	98.88	78.27	93.09	139.01			
U.S. Bureau of Land Manage.[b]	33.56	78.10	60.38	87.96	50.21	103.42	33.63	156.06			
U.S. Bureau of Indian Affairs	79.58	31.71	76.29	150.63	147.07	147.07	--	--			
State of Idaho	68.93	55.40	73.51	113.19	76.14	105.09	103.86	170.96			
Average	51.66	56.21	79.48	98.57	88.51	91.02	100.72	160.16			
All public lands:											
USDA Forest Service[a]	41.68	53.21	87.80	100.44	101.17	79.41	154.86	144.20			
U.S. Bureau of Land Manage.[b]	35.18	68.48	67.22	99.35	52.85	71.27	R78.95	141.07			
U.S. Bureau of Indian Affairs	79.00	59.82	89.24	59.11	112.65	125.75	R181.44	66.28			
State of Montana	65.09	79.45	154.53	148.39	189.63	102.95	192.30	163.81			
State of Idaho	68.93	55.40	73.51	113.19	76.14	105.09	103.86	170.96			
Average	47.23	54.74	86.01	102.27	94.95	89.59	R137.19	158.17			

R = revised.

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

[b] Does not include cull log prices.

Source: Respective agencies listed.

Table 70--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1981-92[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
1981	44.20	74.20	149.70	54.50	63.00	61.40	95.60	67.20	78.40	63.90
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:										
1st quarter	96.20	146.98	278.76	110.62	107.68	88.54	214.82	97.73	84.70	115.28
2d quarter	120.90	146.84	132.39	114.54	101.49	97.66	169.22	136.45	98.97	118.65
3d quarter	143.82	201.01	198.08	138.13	169.53	111.41	252.29	169.73	146.32	153.49
4th quarter	143.19	102.49	203.76	154.79	149.81	195.55	236.67	206.33	170.13	168.70
1991 average	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										
4th quarter										
1992 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 71--Volume and average value of timber harvested on the National Forests of the Northern Region, 1992

(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.	0.4	71.46	1.0	132.14	13.2	114.71	1.2	48.03	3.8	75.77
2d qtr.	.4	159.72	2.7	14.79	23.8	103.39	.4	27.36	1.3	20.12
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.	8.5	129.47	.7	20.71	6.8	76.53	36.4	136.97	5.5	45.25
2d qtr.	7.7	97.23	.6	18.32	.9	47.35	21.0	119.03	3.1	36.82
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.	9.8	111.19	17.8	83.16	26.2	141.98	55.9	116.30	74.1	114.28
2d qtr.	14.3	99.75	14.0	59.21	59.0	123.19	90.9	105.99	52.4	95.06
3d qtr.										
4th qtr.										
Total										

	Northeastern Washington		All Forests	
	Volume	Average value	Volume	Average value
1st qtr.	1.3	163.05	131.3	115.61
2d qtr.	5.9	157.07	149.2	104.17
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 72--Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-92[a]

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Lodgepole pine	Ponderosa pine	Engelmann spruce	Larch	True firs	All species
1990:							
1st quarter	68.54	80.87	117.25	--	120.69	34.14	86.91
2d quarter	67.31	70.54	139.73	95.03	63.27	87.98	90.62
3d quarter	54.85	68.50	105.98	87.93	25.52	87.72	81.66
4th quarter	84.38	56.87	180.33	170.41	--	33.76	121.48
1990 average	64.63	69.78	131.28	95.21	117.12	76.56	90.31
1991:							
1st quarter	66.12	73.75	291.03	115.39	--	16.00	183.15
2d quarter	82.15	71.28	118.39	124.25	--	44.66	81.22
3d quarter	103.59	82.24	120.37	86.63	209.33	69.94	97.99
4th quarter	160.49	93.59	277.69	66.39	--	92.14	165.63
1991 average	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							
4th quarter							
1992 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 73--Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1992

(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	80.94	20.8	113.45	0.3	30.09	1.8	95.79	1.0	36.73
2d qtr.	1.8	36.93	15.7	98.67	.6	23.61	.6	79.52	.4	11.72
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.	2.2	53.99	.3	9.51	.2	9.86	0	--	17.7	173.43
2d qtr.	.1	8.81	.5	9.30	0	--	.3	-6.34	11.0	221.82
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.	2.7	154.35	.4	16.76	3.7	49.26	1.7	106.04	1.8	56.27
2d qtr.	2.4	24.33	.9	7.04	1.0	38.30	1.2	52.42	1.2	35.33
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.	47.1	132.18	.4	13.25	5.0	54.73	1.2	20.64	55.1	121.61
2d qtr.	32.2	129.15	.5	12.09	4.0	28.58	.6	23.60	37.9	114.55
3d qtr.										
4th qtr.										
Total										

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

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

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

Table 74--Volume of timber sold on publicly owned or managed lands in California, 1987-92

(In thousand board feet, Scribner scale)

Agency	1987	1988	1989	1990	1991		1992				
					Total	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service[a]	1,627,653	2,027,116	1,440,482	1,585,813	729,711	154,808	70,966	124,336			
U.S. Bureau of Land Manage.[b]	19,685	12,167	11,907	10,129	10,981	2,260	609	2,112			
U.S. Bureau of Indian Affairs	10,036	0	7,185	48,871	18,468	2,515	0	9,748			
State of California	40,300	34,129	36,158	33,187	36,318	3,099	2,430	1,096			
Total	1,697,674	2,073,412	1,495,732	1,678,000	795,478	162,682	74,005	137,292			

[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 75--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1987-92

(In dollars per thousand board feet)

Agency	1987	1988	1989	1990	1991		1992				
					Average	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
USDA Forest Service[a b]	110.02	118.20	154.12	142.62	152.10	105.73	177.92	263.63			
U.S. Bureau of Land Manage.[c]	106.09	158.09	121.12	122.25	168.47	125.28	11.97	239.65			
U.S. Bureau of Indian Affairs	84.66	--	323.14	268.53	331.32	197.84	--	312.63			
State of California	123.06	145.16	223.02	269.24	332.77	144.76	291.00	300.04			
Average	110.14	118.88	156.34	148.67	164.74	108.16	180.27	267.03			

[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 76--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1981-92[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
1981	146.70	196.20	224.10	123.60	108.20	90.30	156.10
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:							
1st quarter	175.26	221.89	346.83	118.93	320.50	129.08	181.80
2d quarter	144.59	237.46	146.00	20.39	231.86	68.23	138.08
3d quarter	189.40	319.23	163.75	37.12	135.90	75.60	160.37
4th quarter	210.95	142.97	327.52	13.91	234.44	84.63	150.47
1991 average	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							
4th quarter							
1992 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 77--Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1992

(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.	0	--	.1	29.11	3.5	18.38	6.3	296.67	10.9	90.94
2d qtr.	0	--	0	--	33.8	132.35	3.0	139.47	22.3	190.26
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.	5.2	97.68	0	--	.9	335.60	4.5	359.87	9.4	75.20
2d qtr.	34.2	274.92	.1	18.23	8.4	257.56	8.0	292.59	39.6	261.15
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.	0	--	2.2	87.03	6.0	213.45	7.0	63.80	2.2	178.64
2d qtr.	.6	28.03	18.0	164.02	36.8	207.04	21.7	163.39	19.7	280.39
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.	8.9	195.15	2.6	123.55	.5	89.08	.9	30.90	71.3	147.67
2d qtr.	33.0	94.84	16.5	180.24	9.8	250.81	1.2	59.07	307.0	201.12
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 78--Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1990-92

(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
1990:						
January	78	116.05	94	323.84	172	229.65
February	43	231.75	14	305.01	57	250.07
March	113	149.96	140	404.55	253	290.51
April	119	187.95	91	398.35	210	279.61
May	64	183.74	173	365.20	237	315.92
June	102	147.91	201	390.77	303	309.01
July	68	175.34	360	344.58	428	317.47
August	166	138.41	549	301.78	715	263.88
September	571	157.89	1,357	283.47	1,928	246.27
October	7	67.33	7	193.81	14	133.70
November	4	73.19	a	193.77	5	82.04
December	122	136.95	4	227.91	126	139.59
Total	1,457	156.28	2,990	316.37	4,447	263.91
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						
August						
September						
October						
November						
December						
Total						

[a] Less than 1 million board feet.

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

Table 79--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1988-92

(In thousand board feet, Scribner scale)

Agency	1988	1989	1990	1991		1992				
				Total	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
Western Washington:										
USDA Forest Service[a]	846,309	313,920	913,998	91,442	20,143	5,294	14,558			
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0			
U.S. Bur. Indian Aff.	60,138	22,502	45,750	83,584	15,255	6,436	3,426			
State of Washington[b]	690,735	739,610	697,784	387,025	152,404	80,267	111,497			
Total	1,597,182	1,076,032	1,657,532	562,051	187,802	91,997	129,481			
Eastern Washington:										
USDA Forest Service[a]	435,615	312,430	437,407	130,184	37,635	24,932	23,944			
U.S. Bur. Land Mgmt.	3,212	0	0	5,860	175	0	3,274			
U.S. Bur. Indian Aff.	147,407	134,008	132,307	130,154	45,577	17,964	43,556			
State of Washington[b]	117,565	100,590	61,200	67,255	21,575	10,685	13,830			
Total	703,799	547,028	630,914	333,453	104,962	53,581	84,604			
Western Oregon:										
USDA Forest Service[a]	2,317,248	828,416	2,457,087	205,207	32,562	66,126	34,067			
U.S. Bur. Land Mgmt.	914,107	703,509	1,082,971	520,921	29,561	5,304	16,619			
U.S. Bur. Indian Aff.	14,274	5,700	6,760	18,700	8,398	2,751	0			
State of Oregon	202,060	199,194	89,139	177,324	44,904	18,104	43,737			
Total	3,447,689	1,736,819	3,635,957	922,152	115,425	92,285	94,423			
Eastern Oregon:										
USDA Forest Service[a]	1,307,468	973,451	1,061,917	637,069	123,283	79,566	95,378			
U.S. Bur. Land Mgmt.	20,237	15,812	42,695	4,630	3,575	10,039	0			
U.S. Bur. Indian Aff.	94,379	92,380	70,543	55,360	55,360	0	0			
State of Oregon	2,411	2,536	3,270	3,150	3,150	0	0			
Total	1,424,495	1,084,189	1,178,425	700,209	185,368	89,605	95,378			
All public lands:										
USDA Forest Service[a]	4,906,640	2,428,217	4,870,409	1,063,902	213,623	175,918	167,947			
U.S. Bur. Land Mgmt.	937,556	719,321	1,125,665	531,411	33,311	15,343	19,893			
U.S. Bur. Indian Aff.	316,198	254,590	255,360	287,798	124,590	27,151	46,982			
State of Washington[b]	808,300	840,200	758,984	454,280	173,979	90,952	125,327			
State of Oregon	204,471	201,730	92,409	180,474	48,054	18,104	43,737			
Total	7,173,165	4,444,058	7,102,827	2,517,864	593,557	327,468	403,886			

[a] Convertible products only.

[b] Excludes sales under $20,000.

Source: Respective agencies listed.

Table 80--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1988-92

(In dollars per thousand board feet)

Agency	1988	1989	1990	1991 Total	1991 2d qtr.	1992 1st	1992 2d qtr.	1992 3d qtr.	1992 4th qtr.	1992 Total
Western Washington:										
USDA Forest Service[a]	167.15	238.55	254.48	171.26	163.08	158.32	250.51			
U.S. Bur. Land Mgmt.	--	--	--	--	--	--	--			
U.S. Bur. Indian Aff.	155.36	175.31	197.11	178.50	184.24	112.10	241.18			
State of Washington[b]	270.12	341.53	338.56	303.02	336.94	329.70	301.06			
Average	211.24	308.01	288.29	263.06	305.89	304.62	293.80			
Eastern Washington:										
USDA Forest Service[a]	85.23	100.23	100.87	65.08	53.19	129.56	149.17			
U.S. Bur. Land Mgmt.	50.44	--	--	182.48	140.00	--	229.22			
U.S. Bur. Indian Aff.	130.84	256.42	258.47	219.37	208.18	256.98	410.05			
State of Washington[b]	178.66	224.82	247.46	192.61	182.67	290.71	510.56			
Average	110.23	161.40	148.14	153.09	147.25	204.42	345.65			
Western Oregon:										
USDA Forest Service[a]	194.75	278.36	369.31	253.12	173.88	371.64	307.08			
U.S. Bur. Land Mgmt.	157.59	295.35	306.30	312.04	334.13	285.16	112.12			
U.S. Bur. Indian Aff.	200.87	307.13	405.32	358.87	270.69	527.00	--			
State of Oregon	244.76	340.55	365.75	316.43	336.45	467.76	450.45			
Average	187.85	292.47	350.52	300.73	285.21	390.16	339.17			
Eastern Oregon:										
USDA Forest Service[a]	153.51	181.05	161.81	155.98	161.73	138.55	226.62			
U.S. Bur. Land Mgmt.	51.08	134.65	68.14	236.82	234.39	83.17	--			
U.S. Bur. Indian Aff.	177.67	139.94	197.49	160.20	160.20	--	--			
State of Oregon	158.58	75.71	269.71	198.78	198.78	--	--			
Average	153.66	176.63	160.85	157.04	163.31	132.34	226.62			
All public lands:										
USDA Forest Service[a]	169.28	211.29	278.41	164.91	144.59	225.49	233.97			
U.S. Bur. Land Mgmt.	154.92	291.82	297.27	309.96	322.40	153.00	131.39			
U.S. Bur. Indian Aff.	152.64	208.12	234.52	205.18	188.14	249.99	397.74			
State of Washington[b]	256.82	327.56	331.21	286.67	317.81	325.12	324.18			
State of Oregon	243.74	337.22	362.35	314.38	327.43	467.76	450.45			
Average	178.65	251.84	286.56	232.81	229.29	265.19	299.40			

[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 81--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1981-92[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												
1981	350.20	94.00	206.40	174.50	100.60	36.60	15.00	238.00	162.00	168.70	69.70	147.30	103.80	230.60
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:														
1st quarter	380.13	90.65	268.32	316.10	342.14	78.28	75.45	--	154.48	172.91	96.89	140.44	123.53	206.51
2d quarter	435.50	82.18	327.61	193.22	78.04	86.12	102.59	225.00	137.15	146.30	61.99	165.67	146.28	204.75
3d quarter	397.34	90.00	303.10	317.13	206.57	96.82	96.10	183.70	188.85	548.75	114.75	519.71	118.13	232.47
4th quarter	403.18	178.79	412.91	400.53	255.59	100.01	286.15	--	183.20	171.96	122.66	207.14	200.00	263.45
1991 average	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														
4th quarter														
1992 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

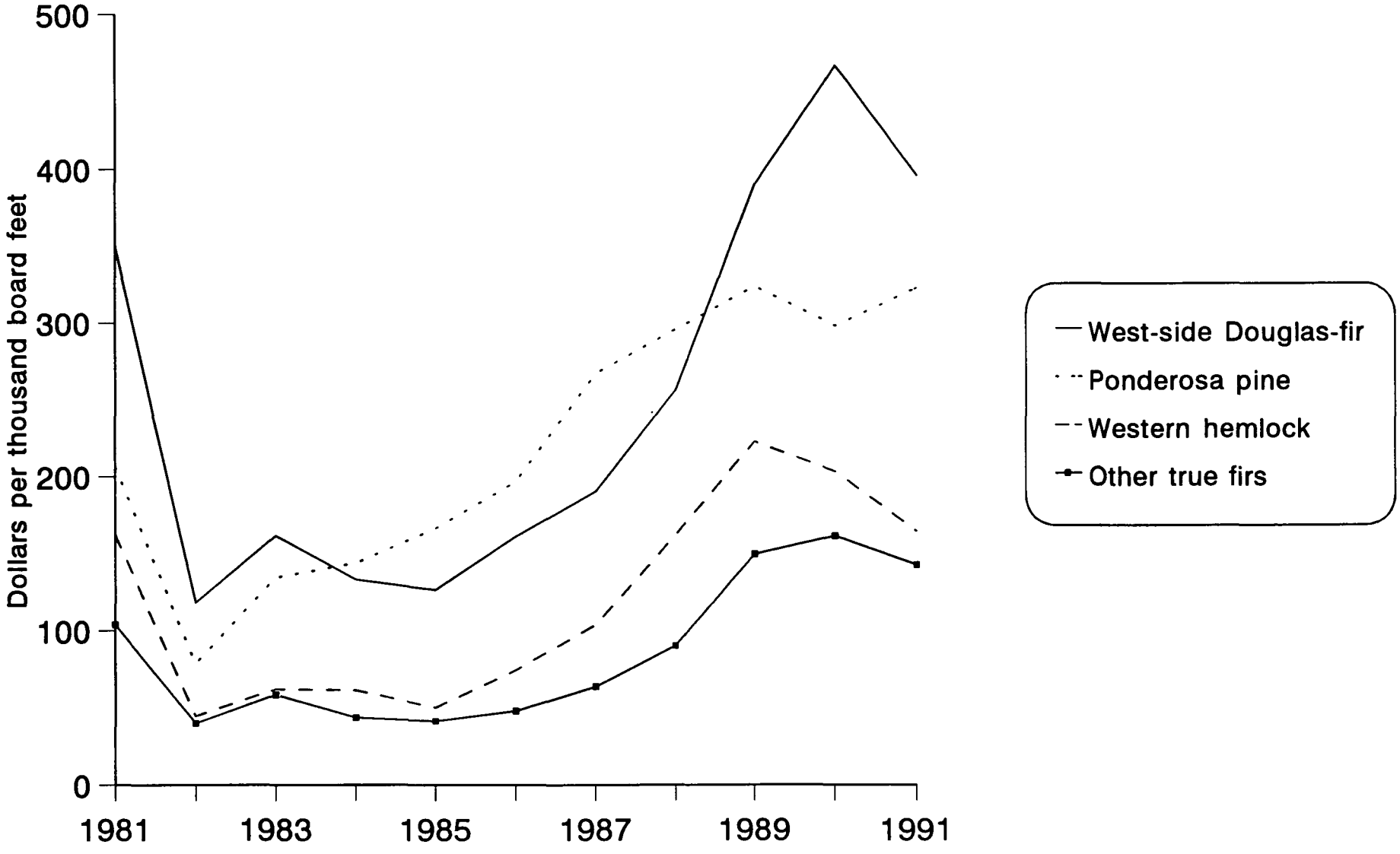

Table 82--Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1992

(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.	15.5	103.05	49.7	98.57	22.1	279.62	22.8	264.73	49.3	316.52
2d qtr.	13.6	84.70	48.2	139.22	10.5	333.16	45.2	230.65	34.0	253.75
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.	17.3	284.98	29.8	352.51	33.7	362.01	5.4	134.87	14.2	196.59
2d qtr.	17.1	247.40	28.6	272.51	15.3	311.25	6.5	114.59	14.9	265.69
3d qtr.										
4th qtr.										
Total										

	Rogue River [a]		Siskiyou [a]		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	9.3	281.57	10.6	248.59	40.6	371.95	21.6	158.82	21.8	324.61
2d qtr.	32.6	367.21	23.6	330.72	16.8	369.02	37.3	104.72	54.3	290.77
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.	23.3	83.36	12.7	175.65	58.4	309.38	34.2	288.29	170.5	328.48
2d qtr.	23.6	75.79	19.8	136.11	71.6	280.22	24.9	178.23	227.4	306.02
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.	234.0	231.37	54.3	253.35	34.8	133.06	0	--	493.5	260.40
2d qtr.	193.8	174.07	77.3	241.13	44.4	109.54	0	--	542.9	233.61
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 83--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1992[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	1,995	706.17	0	--	0	--	900	298.16	0	--	2,995	569.34
2d quarter	1,825	710.94	265	252.00	0	--	1,575	194.97	0	--	4,297	389.66
3d quarter												
4th quarter												
Total and average												
Rogue River--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter												
4th quarter												
Total and average												
Siskiyou--												
1st quarter	440	469.00	0	--	0	--	0	--	0	--	550	396.41
2d quarter	0	--	0	--	0	--	0	--	0	--	70	52.60
3d quarter												
4th quarter												
Total and average												
Siuslaw--												
1st quarter	27	338.30	0	--	0	--	0	--	0	--	27	338.30
2d quarter	0	--	0	--	0	--	200	66.30	0	--	200	66.30
3d quarter												
4th quarter												
Total and average												
Umpqua--												
1st quarter	1,700	557.99	0	--	0	--	150	295.53	0	--	2,250	463.38
2d quarter	171	200.79	0	--	0	--	0	--	0	--	191	188.53
3d quarter												
4th quarter												
Total and average												
Willamette--												
1st quarter	7,929	610.09	0	--	0	--	280	80.16	70	205.42	11,286	475.68
2d quarter	1,479	597.33	0	--	0	--	40	30.22	0	--	2,638	389.47
3d quarter												
4th quarter												
Total and average												
All western Oregon:												
1st quarter	12,091	612.87	0	--	0	--	1,330	251.97	70	205.42	17,108	487.69
2d quarter	3,475	637.48	265	252.00	0	--	1,815	177.16	0	--	7,396	372.47
3d quarter												
4th quarter												
Total and average												
Western Washington:												
Gifford Pinchot--												
1st quarter	4,500	473.92	0	--	0	--	0	--	0	--	5,000	428.83
2d quarter	2,893	429.94	0	--	0	--	2,990	102.17	0	--	7,455	223.78
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	2,150	141.40	0	--	0	--	200	100.38	0	--	2,361	138.93
3d quarter												
4th quarter												
Total and average												

Table 83--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1992[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	4,500	473.92	0	--	0	--	0	--	0	--	5,000	428.83
2d quarter	5,043	306.93	0	--	0	--	3,190	102.05	0	--	9,816	203.37
3d quarter												
4th quarter												
Total and average												
All western Oregon and western Washington:												
1st quarter	16,591	575.18	0	--	0	--	1,330	251.97	70	205.42	22,108	474.38
2d quarter	8,518	441.78	265	252.00	0	--	5,005	129.29	0	--	17,212	276.03
3d quarter												
4th quarter												
Total and average												
Eastern Oregon:												
Deschutes--												
1st quarter	0	--	0	--	1,480	258.84	0	--	120	88.90	18,590	137.03
2d quarter	0	--	0	--	1,120	409.31	0	--	0	--	2,317	263.78
3d quarter												
4th quarter												
Total and average												
Fremont--												
1st quarter	0	--	0	--	6,470	503.65	0	--	1,300	67.76	7,770	441.31
2d quarter	0	--	0	--	12,400	503.39	0	--	5,900	197.09	19,294	378.21
3d quarter												
4th quarter												
Total and average												
Malheur--												
1st quarter	0	--	2,518	166.96	2,762	572.70	0	--	2,020	163.99	7,755	332.75
2d quarter	0	--	4,190	167.14	6,172	476.31	0	--	7,977	214.03	21,539	298.20
3d quarter												
4th quarter												
Total and average												
Ochoco--												
1st quarter	0	--	1,600	234.34	4,980	536.23	0	--	0	--	6,580	470.26
2d quarter	0	--	0	--	1,800	515.50	0	--	0	--	1,800	515.50
3d quarter												
4th quarter												
Total and average												
Umatilla--												
1st quarter	0	--	7,300	117.92	3,100	253.35	0	--	1,570	51.06	14,100	146.28
2d quarter	0	--	1,566	159.26	149	228.87	0	--	0	--	2,294	124.34
3d quarter												
4th quarter												
Total and average												
Wallowa-Whitman--												
1st quarter	0	--	600	11.00	0	--	0	--	0	--	600	11.00
2d quarter	0	--	2,483	83.03	573	555.40	0	--	2,024	204.20	5,080	184.59
3d quarter												
4th quarter												
Total and average												
Winema--												
1st quarter	0	--	0	--	3,000	449.88	0	--	0	--	9,400	322.00
2d quarter	0	--	0	--	0	--	0	--	0	--	3,810	6.83
3d quarter												
4th quarter												
Total and average												
All eastern Oregon:												
1st quarter	0	--	12,018	138.35	21,792	460.21	0	--	5,010	101.83	64,795	258.46
2d quarter	0	--	8,239	140.29	22,214	491.60	0	--	15,901	206.49	56,134	294.08
3d quarter												
4th quarter												
Total and average												

Table 83--Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1992[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:												
Colville--												
1st quarter	0	--	3,700	174.48	0	--	0	--	0	--	6,100	163.34
2d quarter	0	--	230	121.00	0	--	0	--	2,220	42.50	9,500	208.29
3d quarter												
4th quarter												
Total and average												
Okanogan--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	75	67.00	217	256.00	0	--	0	--	292	207.46
3d quarter												
4th quarter												
Total and average												
Wenatchee--												
1st quarter	0	--	0	--	0	--	0	--	60	85.59	60	85.59
2d quarter	0	--	342	284.24	0	--	0	--	0	--	362	231.37
3d quarter												
4th quarter												
Total and average												
All eastern Washington:												
1st quarter	0	--	3,700	174.48	0	--	0	--	60	85.59	6,160	162.58
2d quarter	0	--	647	201.03	217	256.00	0	--	2,220	42.50	10,154	209.09
3d quarter												
4th quarter												
Total and average												
All eastern Oregon and eastern Washington:												
1st quarter	0	--	15,718	146.86	21,792	460.21	0	--	5,070	101.64	70,955	250.14
2d quarter	0	--	8,886	144.72	22,431	489.32	0	--	18,121	186.40	66,288	281.06
3d quarter												
4th quarter												
Total and average												
Pacific Northwest Region:												
1st quarter	16,591	575.18	15,718	146.86	21,792	460.21	1,330	251.97	5,140	103.05	93,063	303.41
2d quarter	8,518	441.78	9,151	147.82	22,431	489.32	5,005	129.29	18,121	186.40	83,500	280.03
3d quarter												
4th quarter												
Total and average												
All of Oregon:												
1st quarter	12,091	612.87	12,018	138.35	21,792	460.21	1,330	251.97	5,080	103.26	81,903	306.35
2d quarter	3,475	637.48	8,504	143.78	22,214	491.60	1,815	177.16	15,901	206.49	63,530	303.21
3d quarter												
4th quarter												
Total and average												
All of Washington:												
1st quarter	4,500	473.92	3,700	174.48	0	--	0	--	60	85.59	11,160	281.87
2d quarter	5,043	306.93	647	201.03	217	256.00	3,190	102.05	2,220	42.50	19,970	206.28
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 84--Volume of timber sold on publicly owned or managed lands in Alaska, 1987-92

(In thousand board feet, Scribner scale)

Agency	1987	1988	1989	1990	1991		1992				
					Total	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service[a]	137,587	20,188	168,050	32,174	50,747	21,175	6,705	11,462			
U.S. Bureau of Land Manage.[b]	0	0	21	0	359	225	0	175			
U.S. Bureau of Indian Affairs	15,300	0	65	11,700	59	0	10	NA			
State of Alaska	27,219	25,492	18,764	32,534	8,374	3,563	772	123			
Total	180,106	45,680	186,900	76,407	59,539	24,964	7,487	NA			

NA = not available.

[a] Convertible products only.

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

Source: Respective agencies listed.

Table 85--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1987-92

(In dollars per thousand board feet)

Agency	1987	1988	1989	1990	1991		1992				
					Average	2d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Total
USDA Forest Service[a]	26.79	73.61	121.59	60.79	35.09	46.30	47.00	18.13			
U.S. Bureau of Land Manage.[b]	--	--	64.48	--	19.27	4.00	--	11.91			
U.S. Bureau of Indian Affairs	64.59	--	16.20	341.88	54.69	--	30.00	NA			
State of Alaska	10.76	28.87	30.35	27.09	21.49	22.91	25.15	61.06			
Average	27.58	48.64	112.39	89.49	33.10	42.58	44.72	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] Does not include cull log sales or volume given away through free use permits.

Source: Respective agencies listed.

Table 86--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1981-92[a]

(In dollars per thousand board feet)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1981	131.60	24.30	[b]	4.50	47.50
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:					
1st quarter	160.16	29.21	310.32	--	116.30
2d quarter	250.76	15.01	220.66	--	106.75
3d quarter	164.32	21.24	303.92	50.74	92.81
4th quarter	46.61	48.57	281.93	2.00	58.45
1991 average	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					
4th quarter					
1992 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 87--Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1981-92[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
1981	1,033.7	57.45	417.7	8.68	444.7	86.38	342.0	16.05	1,886.6	148.14	1,678.6	129.01	3,616.1	246.29	151.9	43.37
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:																
1st qtr.	82.3	88.19	46.6	51.99	39.4	77.54	35.5	154.01	96.8	146.99	238.3	139.75	102.8	243.83	827.4	33.59
2d qtr.	147.9	83.04	116.6	52.35	31.5	21.07	69.0	59.41	152.0	107.05	160.4	136.82	52.7	169.76	21.2	46.30
3d qtr.	316.4	98.95	67.3	30.11	107.0	62.13	123.4	54.69	328.6	189.32	195.1	103.94	83.5	242.33	-817.4	33.41
4th qtr.	171.1	133.35	38.0	53.05	43.4	41.38	51.4	117.83	152.3	121.38	172.3	187.41	57.6	231.68	19.6	15.88
Total and average	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.																
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

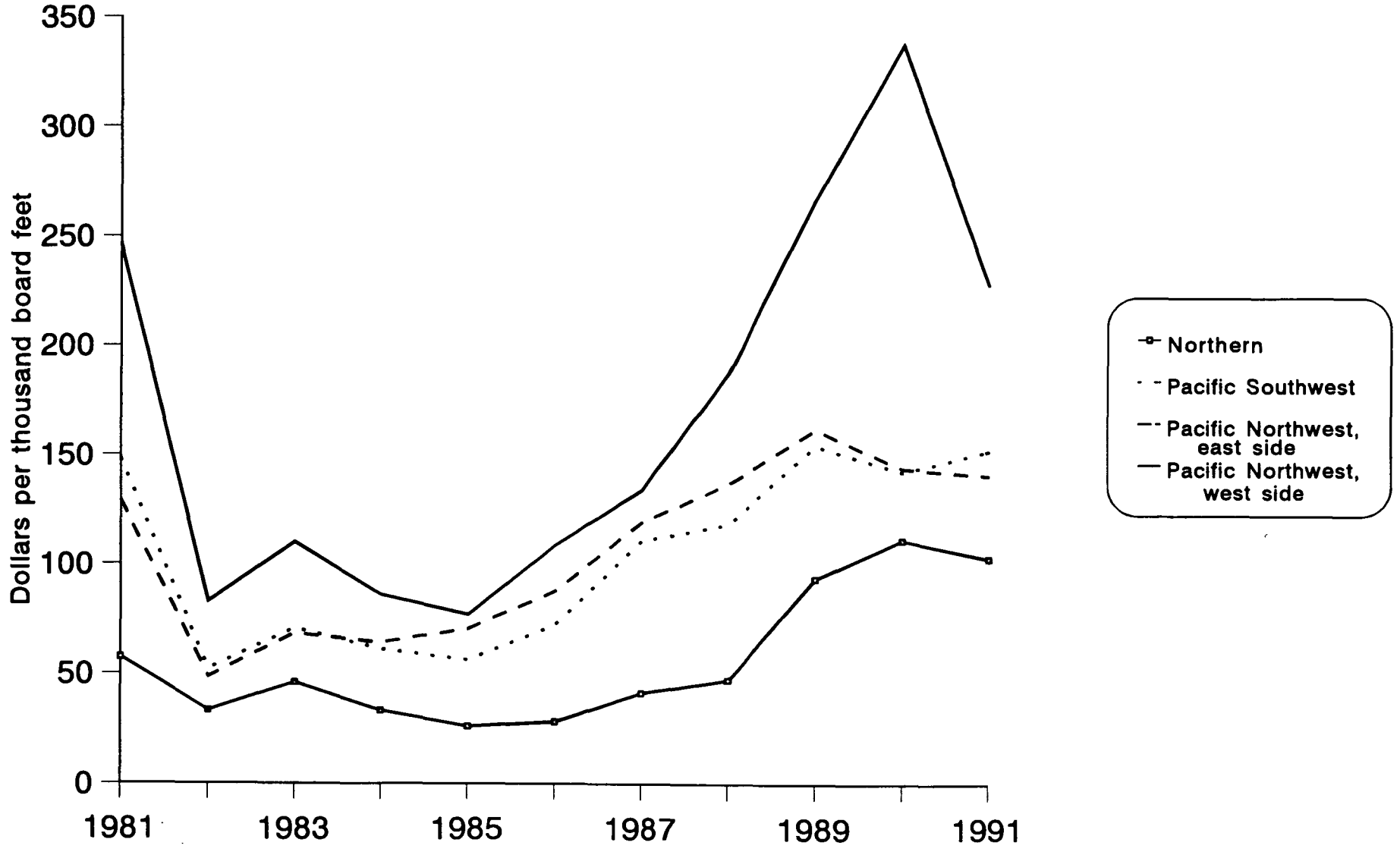

Table 88--Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1981-92[a]

(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
1981	864.0	36.53	256.8	12.15	267.6	53.63	301.3	21.62	1,091.9	95.71	1,055.1	87.72	1,923.7	135.29	387.5	13.20
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:																
1st qtr.	96.6	84.29	81.7	47.96	45.4	32.18	50.8	66.73	70.7	61.89	277.3	142.70	252.4	251.93	44.8	135.99
2d qtr.	106.4	72.73	41.4	48.78	72.2	66.87	35.0	59.52	335.8	147.24	249.7	145.37	464.0	258.90	88.2	11.07
3d qtr.	378.6	78.79	143.2	34.61	106.0	61.19	132.6	62.47	570.2	146.55	471.3	137.01	542.9	246.99	113.3	9.22
4th qtr.	225.2	78.23	123.6	31.46	114.4	65.07	150.7	55.50	359.5	135.65	268.7	218.65	224.8	310.31	80.2	-44.09
Total and average	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.																
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 89--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, 1987-91[a]

(Volume in thousand cubic meters; value in Canadian dollars per cubic meter [b] [c])

	Coast [d]		Interior [e]			Coast [d]		Interior [e]	
Species and year	Volume	Average value	Volume	Average value	Species and year	Volume	Average value	Volume	Average value
Balsam:					Lodgepole pine:				
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:									
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					

[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 90--Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1982-92[a]

(In million board feet, Scribner log rule)

Year	California	Montana	Idaho[b]		Oregon[c]	Washington[c]
			Northern	Southern		
1982	7,365.6	1,800.7	[d]1,833.6	756.0	12,646.6	5,478.3
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

[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 91--Fiscal year sale program volume on National Forest lands in Oregon and Washington, 1982-92

(In million board feet, Scribner scale)

Fiscal year	Oregon[a]	Washington	Total
1982	3,681	1,527	5,208
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

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 92--Sale quantity and uncut volume under contract on Bureau of Land Management lands in Oregon, 1982-92

(In million board feet, Scribner scale)

Year	Sale quantity	Uncut volume under contract	Ratio
1982	1,120	3,491	3.1
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

Source: Bureau of Land Management.

Table 93–Allowable annual cut and uncut volume under contract on Oregon State lands, 1981-91[a]

(In million board feet, Scribner scale)

Year	Allowable cut	Uncut volume under contract	Ratio
1981	220	507	2.3
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

[a] As of December 31.

Source: State of Oregon, Department of Forestry.

Table 94–Sustainable harvest and uncut volume under contract on Washington State lands, 1982-92[a]

(In million board feet, Scribner scale)

Year	Sustainable harvest	Uncut volume under contract	Ratio
1982	757	2,101	2.8
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

[a] As of June 30.

Source: State of Washington, Department of Natural Resources.

Table 95--Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1987-92

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
1987	7	43	7	36	10	35	13	82	14	52
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:										
1st qtr.	0	1	3	3	2	4	0	1	1	5
2d qtr.	0	3	0	5	2	5	2	5	2	12
3d qtr.										
4th qtr.										
1992 total										

Quarter	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1987	23	63	5	55	12	19	4	13	5	68
1988	24	72	15	77	12	26	0	23	8	57
1898	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:										
1st qtr.	0	0	1	3	4	4	0	0	0	0
2d qtr.	0	0	1	3	0	1	0	2	0	3
3d qtr.										
4th qtr.										
1992 total										

Quarter	Rogue River		Siskiyou		Siuslaw		Umatilla		Umpqua	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1987	28	61	5	33	25	75	1	22	39	153
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:										
1st qtr.	0	0	0	1	1	1	0	4	1	3
2d qtr.	0	0	1	1	1	1	1	3	1	2
3d qtr.										
4th qtr.										
1992 total										

Quarter	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1987	10	34	5	33	56	139	7	39	276	1,055
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:										
1st qtr.	0	1	0	1	6	14	0	2	19	48
2d qtr.	1	3	0	2	3	8	0	2	15	61
3d qtr.										
4th qtr.										
1992 total										

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

Table 96–Volume and average value of timber sold on set-aside sales on the National Forests, Pacific Northwest Region, 1987-92

(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
1987	5,378	57.34	26,341	97.46	70,740	156.37	6,635	146.88	2,725	255.82
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:										
1st qtr.	0	--	18,590	137.03	2,170	517.15	0	--	600	175.01
2d qtr.	0	--	0	--	9,000	528.85	3,440	186.59	239	90.21
3d qtr.										
4th qtr.										
1992 total										

	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	35,050	101.96	1,100	144.68	74,290	232.53	7,750	27.38	5,300	115.16
1988	65,895	198.90	6,980	173.58	63,102	238.34	0	--	4,133	140.96
1989	64,005	281.85	4,536	153.31	58,900	266.91	350	38.73	1,685	202.59
1990	57,990	207.09	2,901	308.70	51,390	223.10	1,690	27.64	775	238.75
1991	477	141.84	854	258.73	16,950	283.26	0	--	0	--
1992:										
1st qtr.	0	--	95	341.11	6,580	470.26	0	--	0	--
2d qtr.	0	--	265	252.00	0	--	0	--	0	--
3d qtr.										
4th qtr.										
1992 total										

	Rogue River		Siskiyou		Siuslaw		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	76,620	139.12	4,920	366.86	79,052	103.35	125	58.65	5,775	136.35
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:										
1st qtr.	0	--	0	--	27	338.30	0	--	320	288.08
2d qtr.	0	--	70	52.60	200	66.30	70	264.54	170	185.68
3d qtr.										
4th qtr.										
1992 total										

	Wallowa-Whitman		Wenatchee		Willamette		Winema		All forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1987	41,050	37.05	16,750	62.69	191,287	134.64	50,390	208.58	701,233	139.33
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:										
1st qtr.	0	--	0	--	2,145	369.15	0	--	30,527	255.33
2d qtr.	1,280	296.17	0	--	1,830	399.11	0	--	16,564	402.46
3d qtr.										
4th qtr.										
1992 total										

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

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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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