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Production, Prices, Employment, and Trade in Northwest Forest Industries, Third Quarter 1994

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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*

A total of 17.4 billion board feet of softwood lumber was produced in the Western United States in 1993, and the total U.S. figure was 33.1 billion board feet (table 1). Total softwood lumber production in the third quarter of 1994 was 8.7 billion board feet, and 51.2 percent of that was produced in the West.

- *Wholesale lumber prices*

Average wholesale prices rose in 1993 for selected lumber products (table 7). Third quarter 1994 prices averaged a 7.6-percent decrease across all five selected lumber products.

Plywood Production and Prices

- *Plywood production increases*

United States softwood structural panel board production in 1993, at 25,873 million square feet (3/8-inch basis), increased 2.2 percent from 1992. Production in the third quarter of 1994 was the same as second quarter (table 1).

Wholesale prices of selected plywood products increased significantly from 1992 to 1993. Third quarter 1994 prices averaged a 9.1-percent increase (table 8) from second quarter prices.

Employment in Forest Products Industries

- *Employment numbers fall in 1993*

The number of persons employed in the lumber and wood products industries decreased in 1993 in Alaska, Washington, and Oregon (tables 21 and 23). Third quarter employment numbers were higher than second quarter 1994.

In Oregon and Washington, there were 12.0 direct jobs per million board feet of timber harvested in 1993 (using the preliminary harvest figure from table 16).

Log, Pulp, and Chip Exports

- *Washington and Oregon log exports decrease in 1993*

Log exports from Washington and Oregon ports totaled 1,707.6 million board feet in 1993, as compared to 2,181.7 million board feet in 1992. In the third quarter of 1994, Washington Customs District exported 235.7 million board feet of logs to all countries, and Oregon Customs District exported 182.8 (table 25).

Lumber, Plywood, and Veneer Exports

- *Log export prices up sharply*

Softwood log exports from Washington and Oregon ports averaged \$984.51 (per thousand board feet) in 1993, up from the 1992 average of \$687.01. The third quarter 1994 values for both states averaged \$945.13 (table 27).

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

San Francisco Customs District exported 47.0 percent more logs in 1993 than in 1992 (table 28). The Anchorage Customs District exported 5.8 percent more logs in 1993 than in 1992 (table 29).

- *Pulp volumes drop in 1993*

The four western customs districts showed a decrease in pulp export volumes from 1992 to 1993 (table 46).

- *Average value of pulp exports fluctuate slightly*

Most customs districts indicated minor fluctuations in the average values for both grades of pulp exports from 1992 to 1993 (table 47).

- *Chip exports increase in two customs districts*

Seattle and Anchorage Customs Districts reflected an increase in the volume of chips exported in 1993. Average values of chips remain fairly stable (table 48).

- *Lumber export volumes down--except Alaska*

The lumber export figures showed drops for most western customs districts from 1992 to 1993 (tables 49, 53, and 54). The Columbia-Snake Customs District had a decrease of 12.0 percent from 1992, and the Seattle Customs District dropped 8.7 percent. Both northern and southern California lumber exports dropped. Alaska, however, increased lumber export volumes by 11.2 percent from 1992 to 1993.

- *Average value of lumber higher*

In the Seattle and Columbia-Snake Customs Districts, the average value of lumber exports dropped from \$737.70 (per thousand board feet) in the second quarter of 1994 to \$705.24 in the third quarter (table 51). Northern California (table 53) Douglas-fir lumber export prices increased in the third quarter of 1994.

Timber Sold by Forest Service Regions

- *Lumber imports increase*

The Seattle Customs District imported nearly 3.3 billion board feet of lumber in 1993, mostly from Canada (table 67). The Columbia-Snake Customs District imported 19.6 million board feet in 1993, compared with only 6.4 million in 1992 (table 69). Both districts show increased volumes for the first three quarters of 1994.

- *Plywood exports decrease*

The 1993 plywood exports decreased from Oregon and Washington combined. The average values showed an increase in 1993 (table 71).

- *Softwood veneer exports increase in 1993*

Compared with 1992, softwood veneer exports were up 38.7 percent in Oregon and Washington in 1993 (table 73). Softwood veneer export values show an increase for the first three quarters of 1994.

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

The amount of timber sold in Montana and northern Idaho dropped 21.0 percent from 1992 to 1993 (table 74). The average values for all owners increased from \$180.04 in 1992 to \$321.28 in 1993 (table 75).

- *Sold volume drops in northern California*

In 1993, the volume of timber sold on all lands in northern California decreased 47.5 percent from the 1992 total (table 82). The average value of timber sold, however, increased from \$135.65 in 1992 to \$239.34 in 1993 (table 83).

- *Sold volume in Washington and Oregon decreases*

Oregon and Washington showed a decrease of 9.5 percent in the amount of timber sold on public lands from 1992 to 1993 (table 88). Average prices for 1993 have increased from \$274.26 in 1992 to \$414.01 in 1993 (table 89).

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

In 1993, the volume of timber sold on National Forest lands in Alaska decreased 56.9 percent from 1992 (table 94). Average values increased fairly substantially.

TABLES AND FIGURES

Table 1—U.S. softwood lumber and structural panel board production, 1983-94

Year	U.S. softwood lumber production				U.S. softwood structural panel board production
	Total softwood lumber	Western region ^a	Southern pine region	Other softwoods	
	----- Million board feet -----				Million feet, 3/8-inch basis
1983	29,726	18,002	10,181	1,543	20,926
1984	31,174	18,985	10,674	1,515	22,446
1985	31,321	19,068	10,730	1,523	23,129
1986	35,273	21,915	11,678	1,680	25,911
1987	38,235	23,942	12,473	1,820	27,752
1988	38,130	23,638	12,676	1,816	27,567
1989	37,545	23,212	12,544	1,789	27,153
1990	35,791	21,175	12,911	1,705	27,770
1991	33,161	19,075	12,507	1,579	24,539
1992	34,526	18,782	14,106	1,638	25,308
1993	33,077	17,366	14,134	1,577	25,873
1994:					
January	2,829	1,573	1,121	135	2,095
February	2,646	1,423	1,097	126	2,035
March	2,975	1,568	1,265	142	2,355
Total, 1st quarter	8,450	4,564	3,483	403	6,485
April	2,704	1,348	1,227	129	2,240
May	2,869	1,442	1,290	137	2,294
June	3,032	1,526	1,362	144	2,319
Total, 2d quarter	8,605	4,316	3,879	410	6,853
July	2,781	1,367	1,282	132	2,155
August	2,926	1,505	1,282	139	2,386
September	2,989	1,582	1,265	142	2,311
Total, 3d quarter	8,696	4,454	3,829	413	6,852
October					
November					
December					
Total, 4th quarter					
1994 total					

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

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

Table 2—Lumber production in Northwest States, 1983-93

(In million board feet)

Year	Washington	Oregon	California ^a	Montana	Idaho
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	8,848	5,408	1,640	2,016
1988	4,408	8,601	5,671	1,558	2,015
1989	4,274	8,512	5,320	1,567	2,133
1990	3,919	7,511	4,981	1,459	2,034
1991	3,820	6,595	4,218	1,362	1,919
1992	4,072	6,200	3,997	1,455	1,958
1993	3,863	5,448	3,539	1,412	1,860

^a Includes 1 mill in Nevada.

Source: Western Wood Products Association, Portland, Oregon.

Table 3—Softwood lumber production in the inland region, by species, 1983-93^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
1983	8,488	3,378	163	192	1,851	1,272	323	532	777
1984	8,992	3,537	132	215	1,905	1,524	431	618	630
1985	9,276	3,430	114	258	2,050	1,701	433	534	756
1986	10,482	3,759	115	258	2,330	2,055	547	747	671
1987	11,407	3,816	110	321	2,683	2,353	425	932	767
1988	11,395	3,870	104	321	2,731	2,392	653	720	604
1989	11,348	3,767	87	291	2,683	2,600	473	835	612
1990	10,452	3,521	77	307	2,455	2,351	418	756	567
1991	9,510	3,105	68	292	2,374	2,115	424	652	480
1992	9,263	2,989	70	222	2,285	2,058	381	725	533
1993	8,312	2,720	66	154	2,015	1,884	382	644	447

^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, 1983-93^a

(In million board feet)

Year	All species	Douglas-fir	Hem-fir ^b	Western redcedar	Incense-cedar	Pine	Other softwoods	Hardwoods
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	1,855	518	58	351	44	331
1991	7,908	5,136	1,503	499	49	287	73	361
1992	7,948	4,973	1,719	500	34	299	52	371
1993	7,319	4,319	1,737	455	34	267	57	430

^a Includes western Washington and western Oregon.^b Western hemlock and white fir combined.

Source: Western Wood Products Association, Portland, Oregon.

Table 5—Softwood structural panel board production in the United States, by State, 1983-93^a

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

Year	Total	Oregon	Washington	California	Montana, Idaho, and Colorado	Southern States ^b	Northern States ^c
1983	20,767.0	6,719.0	1,369.0	260.0	1,152.0	9,967.0	1,300.0
1984	21,967.8	6,779.4	1,539.8	232.1	1,131.0	10,511.9	1,773.6
1985	22,838.2	6,750.3	1,645.2	160.8	1,293.2	11,033.8	1,955.0
1986	25,632.8	7,826.3	1,718.6	121.6	1,405.6	12,272.1	2,288.5
1987	27,001.4	8,381.2	1,712.2	102.9	1,528.5	12,854.9	2,421.7
1988	27,202.8	7,850.4	1,585.8	126.3	1,501.2	13,609.3	2,529.8
1989	26,940.3	6,774.9	1,462.2	94.2	1,550.7	13,740.0	2,868.3
1990	26,337.2	5,962.1	1,255.4	62.0	1,539.9	14,501.0	3,016.8
1991	24,265.2	4,952.1	1,172.6	58.4	1,405.2	13,596.0	3,080.9
1992	25,984.7	4,766.8	1,155.5	58.9	1,440.0	15,051.2	3,512.2
1993	26,317.8	4,113.2	1,243.3	0.0	1,419.0	15,883.1	3,659.2

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

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

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

Source: American Plywood Association.

Table 6—Softwood lumber and plywood production in British Columbia, 1983-93

Year	Softwood lumber production			Softwood plywood production
	Total	Coast	Interior	
	----- Million board feet -----			Million ft ² , 3/8-inch basis
1983	13,043	4,140	8,903	1,992
1984	13,078	3,903	9,175	1,754
1985	14,004	3,996	10,008	1,855
1986	13,335	3,753	9,582	1,733
1987	15,888	4,674	11,214	2,144
1988	15,572	4,583	10,989	2,067
1989	15,236	4,140	11,096	2,071
1990	14,186	3,787	10,399	1,853
1991	13,309	3,466	9,843	1,610
1992	14,141	3,516	10,625	1,754
1993	14,381	3,585	10,796	1,741

Source: Statistics Canada, Ottawa, Canada.

Table 7--Wholesale prices of selected lumber products, 1983-94

(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
1983	222.00	258.00	571.00	213.00	185.00
1984	202.01	285.94	495.50	189.70	153.35
1985	206.15	235.01	494.27	189.91	153.34
1986	214.94	257.48	581.02	207.63	182.26
1987	227.52	268.99	634.79	222.58	200.15
1988	232.19	279.49	630.00	214.68	185.75
1989	263.51	333.83	577.91	237.07	183.70
1990	241.74	286.34	539.34	224.60	186.25
1991	249.99	344.01	674.56	233.71	187.10
1992	294.51	463.29	831.40	281.72	231.15
1993	418.27	483.58	1,061.65	410.23	334.01
1994:					
January	487.50	576.25	1,157.50	482.50	405.50
February	476.25	537.50	1,147.50	480.00	408.50
March	471.25	573.75	1,112.50	460.00	405.50
Average, 1st quarter	478.33	562.50	1,139.17	474.17	406.50
April	409.60	561.00	1,068.00	399.00	326.20
May	413.75	528.75	996.25	413.75	370.50
June	412.50	545.00	995.00	415.00	358.75
Average, 2d quarter	411.95	544.92	1,019.75	409.25	351.82
July	386.40	470.00	991.00	378.00	327.40
August	394.75	507.50	942.50	370.00	333.75
September	386.40	534.00	940.00	360.00	300.00
Average, 3d quarter	389.18	503.83	957.83	369.33	320.38
October					
November					
December					
Average, 4th quarter					
1994 average					
----- 3d quarter 1994 change, in percent -----					
From:					
3d quarter 1993	-3	11.5	-2.9	-6	17.2
2d quarter 1994	-5.5	-7.5	-6.1	-9.8	-8.9

Source: Random Lengths Publications, Inc.

Table 8—Wholesale prices of selected softwood plywood products, 1983-94

(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
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	150.88	184.88
1988	151.58	140.09	190.65
1989	176.36	163.56	237.30
1990	171.37	154.75	258.21
1991	172.27	151.69	242.02
1992	212.10	202.34	274.83
1993	237.80	221.38	323.75
1994:			
January	246.50	237.75	320.50
February	238.75	233.00	313.75
March	230.00	229.00	312.50
Average, 1st quarter	238.42	233.25	315.58
April	223.60	206.80	309.60
May	230.50	224.25	314.50
June	232.75	219.50	321.00
Average, 2d quarter	228.95	216.85	315.03
July	240.20	225.60	318.20
August	265.00	237.00	330.25
September	277.60	246.80	388.60
Average, 3d quarter	260.93	236.47	329.02
October			
November			
December			
Average, 4th quarter			
1994 average			
----- 3d quarter 1994 change, in percent -----			
From:			
3d quarter 1993	18.8	17.2	9.8
2d quarter 1994	14.0	9.0	4.4

^a Texas, Louisiana, and Arkansas.

Source: Random Lengths Publications, Inc.

Table 9—Percentage of total volume and f.o.b. mill prices for Douglas-fir lumber, coast mills, 1983-94^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	
1983	3.3	685	3.5	426	12.4	262	23.8	222	42.4	201	10.6	162	3.9	87	2,752,061
1984	2.6	688	3.4	407	15.3	249	22.5	223	42.8	189	9.4	137	4.0	72	3,168,494
1985	2.4	671	3.2	410	16.4	249	23.9	226	41.8	190	8.5	131	3.8	68	2,927,403
1986	2.1	726	2.3	405	15.6	240	24.0	229	43.7	191	8.6	132	3.6	67	3,584,260
1987	2.0	837	2.8	411	14.5	257	23.3	258	45.4	206	8.2	138	3.8	66	3,975,895
1988	1.8	927	2.1	474	16.7	297	21.8	285	46.2	219	7.1	138	4.3	85	3,691,263
1989	1.0	1,078	1.6	503	15.9	325	22.9	330	47.4	246	7.0	168	4.2	110	3,659,762
1990	1.0	1,236	1.5	521	16.1	305	22.5	310	47.9	232	6.5	156	4.5	102	3,038,613
1991	.6	1,200	1.2	535	14.3	316	23.5	306	48.7	230	7.3	158	4.4	101	2,674,855
1992	.3	1,350	1.0	576	11.6	348	24.3	349	51.9	273	6.6	205	4.2	123	2,507,869
1993	.1	1,197	.7	809	11.2	511	24.2	517	54.7	393	5.4	295	3.7	175	2,388,007
1994:															
1st quarter	.1	1,516	.9	795	10.9	548	24.8	515	53.5	445	5.5	333	4.3	158	606,676
2d quarter	.1	1,545	.9	769	10.9	481	22.1	465	56.8	389	5.3	298	4.0	143	672,422
3d quarter	.1	1,328	.6	718	11.5	447	23.1	480	55.3	366	5.9	269	3.5	146	727,945
4th quarter															

1994 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, 1983-94^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.	
1983	1.0	.3	.7	.9	2.8	5.8	3.3	17.2	15.6	5.3	3.9	7.8	25.4	7.1	1.2	1.5	1,876,743
1984	1.0	.3	.6	.9	2.7	5.3	3.5	17.6	15.4	4.2	4.1	7.2	26.8	7.1	1.6	1.7	1,970,046
1985	.9	.3	.6	.9	2.7	5.1	3.4	18.2	16.2	4.1	3.8	7.2	26.7	7.0	1.4	1.4	2,018,896
1986	1.0	.3	.6	.8	2.8	4.9	3.3	17.9	16.6	4.5	4.3	6.7	27.6	6.1	1.4	1.3	2,164,591
1987	.9	.2	.4	.7	2.4	5.7	3.1	17.9	17.5	4.7	4.0	6.0	28.1	5.3	1.6	1.4	2,331,497
1988	.8	.2	.4	.7	2.7	5.8	2.7	17.2	18.0	5.4	3.9	5.5	28.4	5.2	1.7	1.5	2,252,696
1989	.6	.2	.3	.7	2.2	5.6	2.9	17.8	19.9	6.7	3.8	5.8	25.9	5.0	1.2	1.4	2,204,308
1990	.6	.1	.3	.6	2.0	5.3	2.7	17.8	21.3	7.0	3.7	5.4	25.0	5.2	1.1	1.7	2,045,830
1991	.7	.1	.3	.7	2.1	6.0	2.9	17.8	22.7	7.8	3.6	5.6	22.0	4.7	1.3	1.6	1,789,289
1992	.5	.1	.3	.7	1.8	5.9	2.5	16.5	23.2	9.8	3.1	7.0	20.9	4.9	1.1	1.4	1,643,951
1993	.3	.1	.2	.5	1.6	4.7	1.8	12.6	21.5	14.8	3.3	8.9	21.9	5.2	1.4	1.2	1,844,062
1994:																	
1st quarter	.2	.1	.2	.5	1.2	4.1	1.7	11.4	22.5	16.8	3.3	9.4	20.7	5.2	1.3	1.4	437,623
2d quarter	.2	0.0	.2	.5	1.3	4.1	1.4	10.5	20.6	15.0	3.4	11.6	22.9	5.7	1.2	1.5	442,077
3d quarter	.3	.1	.3	.5	1.4	3.7	1.3	10.2	20.0	13.0	3.1	10.8	26.6	5.7	1.4	1.7	435,495
4th quarter																	
1994 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, 1983-94

(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.
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	1,285	730	589	434	258	532	331	261	189	155	105
1990	1,476	1,453	996	683	435	1,051	677	542	414	247	534	356	248	187	145	99
1991	1,335	1,259	911	654	425	1,090	795	655	517	259	523	372	272	184	147	99
1992	1,749	1,484	1,195	856	622	1,371	970	845	631	335	666	423	337	226	196	133
1993	2,198	1,910	1,510	1,019	700	1,957	1,189	1,059	741	447	706	498	381	269	250	174
1994:																
1st quarter	2,228	2,100	1,357	921	848	2,094	1,251	1,122	792	481	782	614	446	315	268	169
2d quarter	2,512	2,476	1,464	896	837	1,645	1,145	1,015	698	450	759	520	412	299	259	156
3d quarter	2,415	2,446	1,309	873	784	1,552	1,061	946	632	417	809	535	395	297	246	153
4th quarter																
1994 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, 1983-94^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	
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	1,101,288
1986	1.9	605	4.8	308	.8	240	28.1	242	48.5	198	10.3	132	5.6	72	1,382,074
1987	1.7	706	4.9	354	.6	261	29.3	280	47.8	214	10.0	132	5.6	75	1,562,432
1988	1.7	712	4.8	350	1.6	270	29.7	274	47.3	215	9.6	134	5.3	85	1,613,020
1989	1.9	743	5.6	393	1.9	277	30.4	279	46.1	230	9.3	154	4.9	102	1,710,614
1990	1.4	910	5.4	399	1.8	283	29.7	260	47.6	221	8.8	143	5.1	93	1,563,427
1991	1.3	790	4.6	431	2.0	282	30.9	265	46.1	226	9.7	139	5.4	95	1,520,080
1992	1.4	898	5.3	487	3.1	316	31.3	306	44.9	271	8.9	188	5.1	131	1,433,808
1993	1.3	1,277	4.6	663	4.0	444	29.7	439	47.1	373	8.9	276	4.5	181	1,312,611
1994:															
1st quarter	1.1	1,248	4.7	715	4.2	506	29.8	483	47.1	462	8.7	321	4.4	160	307,813
2d quarter	1.0	1,061	4.0	676	4.0	457	27.5	433	50.6	390	8.7	313	4.1	153	308,997
3d quarter	1.0	1,032	3.6	608	3.6	477	31.3	460	47.3	395	8.9	297	4.3	150	363,449
4th quarter															

1994 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, 1983-94^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	
1983	.4	737	4.0	386	5.6	245	8.8	240	61.6	205	13.8	156	5.8	97	857,819
1984	.4	683	4.2	348	5.3	227	12.9	228	60.8	187	10.0	128	6.3	79	959,799
1985	.4	638	4.0	337	3.3	226	15.0	232	63.0	189	8.4	123	6.0	79	830,607
1986	.4	606	2.5	343	3.1	242	16.2	248	64.0	197	8.4	129	5.4	75	1,000,702
1987	.3	601	2.3	414	2.9	273	14.8	286	64.9	215	9.3	131	5.3	76	1,011,504
1988	.3	633	2.2	461	3.2	273	14.2	289	66.4	221	8.2	137	5.5	89	946,868
1989	.3	718	2.0	466	4.2	274	16.9	298	63.6	234	7.4	155	5.8	105	903,323
1990	.2	820	1.5	500	5.5	270	16.4	283	62.8	224	7.5	150	6.1	97	784,600
1991	.2	800	1.6	463	4.8	283	16.3	277	62.3	230	8.7	147	6.2	96	696,775
1992	.1	883	1.5	488	5.8	321	17.3	312	62.5	266	6.9	188	6.0	129	922,463
1993	0	—	.8	640	6.7	433	17.4	443	61.8	365	7.2	238	6.1	179	977,364
1994:															
1st quarter	0	—	.7	657	4.4	475	17.1	487	62.7	451	7.6	299	7.6	177	262,438
2d quarter	0	—	.4	567	5.3	419	17.3	440	64.0	380	5.7	271	7.3	161	310,378
3d quarter	0	—	.7	555	3.3	436	20.0	462	62.8	376	6.2	272	7.0	165	305,596
4th quarter															
1994 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—Weighted average f.o.b. mill prices for coast and inland lumber, 1983-94

(In dollars per thousand board feet)

Year	Coast			Inland		
	Douglas-fir	Hem-fir	Weighted average	Ponderosa pine	Hem-fir	Weighted average
1983	229	207	223	391	215	338
1984	217	190	211	377	191	312
1985	217	192	212	377	197	313
1986	214	200	211	419	198	333
1987	233	217	230	455	233	366
1988	253	225	247	450	234	380
1989	279	240	271	452	252	364
1990	265	228	257	416	239	339
1991	259	230	253	481	240	371
1992	295	268	288	591	289	450
1993:						
1st quarter	411	375	400	710	412	583
2d quarter	447	383	430	756	426	627
3d quarter	409	321	384	585	348	488
4th quarter	437	381	420	637	427	546
1993 average	427	365	409	672	404	560
1994:						
1st quarter	459	428	450	716	465	612
2d quarter	406	371	395	654	356	522
3d quarter	391	375	386	588	413	547
4th quarter						
1994 average						

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

Source: Western Wood Products Association.

Figure 1--Weighted average f.o.b. mill prices for coast and inland lumber, 1983-93

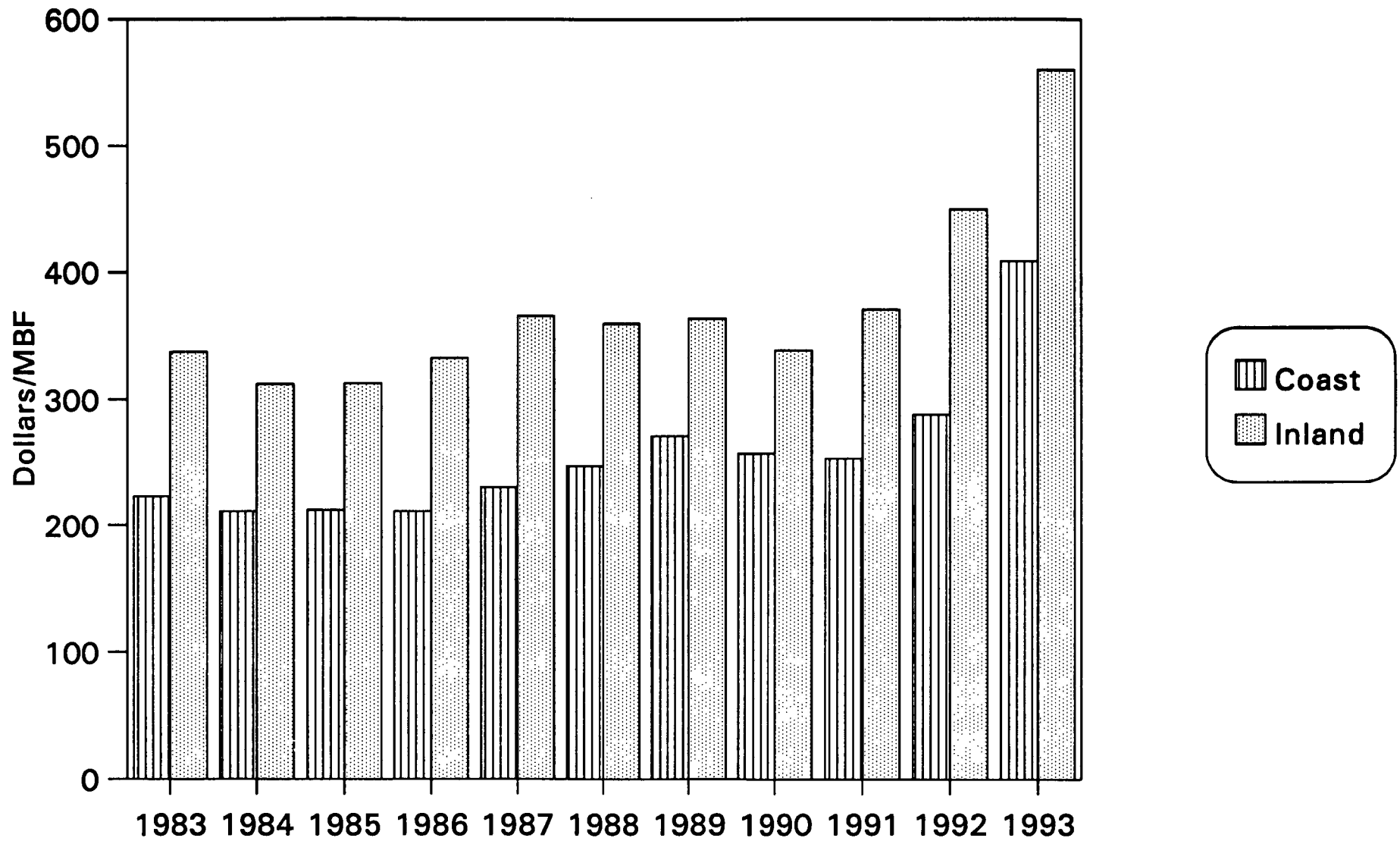


Table 15—Average prices for domestic and exported alder, western region, 1986-94

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

Year and quarter	Domestic alder		Exported alder	
	1 by 4 green pallet stock	4/4 select and better	Logs	Lumber
1986	190.50	748.00	NA	NA
1987	218.13	761.88	NA	677.11
1988	245.00	772.31	NA	850.93
1989	254.61	888.31	690.73	791.70
1990	255.00	944.71	413.42	851.06
1991	223.87	938.83	424.29	875.80
1992	239.73	1,027.27	506.50	1,035.20
1993:				
1st quarter	266.67	1,140.00	517.61	1,110.75
2d quarter	275.00	1,180.00	627.32	1,141.64
3d quarter	276.25	1,200.83	611.94	1,168.69
4th quarter	290.00	1,245.00	621.92	1,192.98
1993 average	276.98	1,191.46	592.40	1,153.19
1994:				
1st quarter	287.50	1,245.00	547.36	1,255.73
2d quarter	267.69	1,238.85	2,015.59	1,325.33
3d quarter	260.00	1,235.00	2,038.91	1,265.76
4th quarter				
1994 average				

NA = not available.

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

Table 16—Washington and Oregon timber harvest by ownership, 1983-93

(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:							
1983	4,025	549	1,240	8	238	28	6,088
1984	3,545	795	1,189	2	205	66	5,802
1985	3,561	1,013	1,128	5	213	43	5,963
1986	3,989	1,064	1,232	4	235	32	6,556
1987	4,367	970	1,423	5	238	35	7,037
1988	4,406	826	1,486	0	271	56	7,045
1989	4,520	842	1,141	1	262	22	6,788
1990	4,147	657	817	4	182	42	5,849
1991	3,650	535	704	1	172	42	5,104
1992	3,844	476	461	a	186	51	5,018
1993P	3,321	461	322	a	176	26	4,307
Oregon:							
1983	3,374	257	2,902	789	112	31	7,464
1984	3,078	249	3,164	920	101	38	7,550
1985	3,332	268	3,480	891	121	34	8,127
1986	3,494	225	3,850	1,042	104	28	8,743
1987	3,281	199	3,451	1,115	117	52	8,215
1988	3,259	270	3,487	1,439	121	39	8,615
1989	3,721	198	3,307	1,026	124	44	8,420
1990	3,229	137	2,014	704	98	37	6,219
1991	3,312	91	2,068	486	87	36	6,080
1992	3,581	135	1,403	483	111	29	5,742
1993	3,608	116	1,102	361	75	31	5,294

P = preliminary.

a Less than 1 million board feet.

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

**Table 17—British Columbia timber harvest,
1983-93**

(In thousand cubic meters)

Year	Coast ^a	Interior ^b	Total
1983	26 846	44 597	71 443
1984	27 229	47 328	74 557
1985	27 722	49 146	76 868
1986	26 561	50 942	77 503
1987	33 791	56 800	90 591
1988	32 812	53 994	86 806
1989	29 904	57 474	87 414
1990	25 209	53 108	78 316
1991	24 760	48 916	73 676
1992	24 681	50 239	74 920
1993	25 684	53 555	79 239

^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 18—Montana and Idaho timber harvest by ownership, 1983-93

(In million board feet, Scribner scale)

State and year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest	Total
Montana:						
1983	568.7	27.1	37.9	14.8	569.2	1,217.7
1984	555.6	24.9	45.0	5.3	479.3	1,110.0
1985	560.1	26.0	18.8	7.9	551.4	1,164.2
1986	708.0	26.2	13.1	9.1	515.4	1,271.8
1987	687.4	55.6	24.0	6.6	638.3	1,411.9
1988	608.5	41.5	56.0	7.7	513.3	1,227.0
1989	636.7	44.0	70.8	6.5	555.9	1,313.8
1990	611.9	31.5	45.6	5.1	444.8	1,138.9
1991	523.9	26.9	43.8	7.1	338.0	939.6
1992	593.2	37.7	50.1	10.3	388.5	1,079.8
1993	636.2	19.8	36.7	4.8	298.3	995.8
Idaho:						
1983	727.0	155.0	19.2	21.8	791.1	1,714.1
1984	860.8	197.5	17.5	13.3	687.8	1,776.8
1985	646.2	170.4	14.1	24.4	733.6	1,588.7
1986	684.0	161.8	12.2	22.8	809.9	1,690.7
1987	722.2	176.7	18.9	18.9	788.4	1,725.0
1988	697.5	208.4	16.2	13.6	725.2	1,660.9
1989	819.7	249.5	13.5	16.4	810.2	1,909.2
1990	738.4	227.1	19.9	10.5	756.8	1,752.7
1991	865.5	163.5	15.8	24.3	739.0	1,808.1
1992	732.8	262.4	17.8	8.1	643.4	1,664.5
1993	790.6	217.3	11.9	4.4	586.2	1,610.3

Source: Respective agencies.

Table 19—Alaska timber harvest by ownership, 1983-93

(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	
1983	35,511	243,400	5,900	346	30	376	251,177	751	251,927	537,114
1984	28,044	222,400	0	0	0	0	260,977	545	261,522	511,966
1985	12,864	275,300	871	205	66	271	265,300	354	265,654	554,960
1986	18,995	331,200	0	0	252	252	271,579	563	272,142	622,589
1987	25,800	452,100	0	185	0	185	339,200	13,031	352,231	830,316
1988	25,177	517,000	0	112	0	112	407,062	1,185	408,947	951,236
1989	17,728	613,000	3,600	270	25	295	392,344	69,516	461,860	1,096,483
1990	11,163	547,500	300	407	0	407	473,000	1,000	474,000	1,033,370
1991	7,026	579,700	7,253	675	0	675	325,464	1,035	326,499	921,153
1992	26,802	587,800	6,163	675	175	850	392,348	2,973	395,321	1,016,936
1993	9,383	564,800	1,180	450	611	1,061	317,452	9,588	327,050	903,474

Source: Respective agencies.

Table 20—California timber harvest by ownership, 1983-93

(In million board feet, Scribner scale)

Year	Private	State	Bureau of Indian Affairs	Bureau of Land Management	National Forest ^a	Total
1983	1,890	43	14	25	1,676	3,648
1984	2,093	34	21	7	1,559	3,714
1985	2,172	36	5	17	1,826	4,056
1986	2,313	29	27	27	1,963	4,359
1987	2,582	42	41	15	1,969	4,649
1988	2,598	31	14	16	2,181	4,840
1989	2,638	37	11	12	2,024	4,722
1990	2,673	24	14	10	1,530	4,251
1991	2,065	38	^b 24	11	1,336	3,474
1992	2,124	23	^b 32	9	1,026	3,214
1993	2,263	34	^b 13	8	739	3,057

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

Source: Respective agencies.

Table 21—Employment in forest products industries in Washington and Oregon, 1983-94

(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
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	135.6	109.6	26.0	58.8	41.7	17.1	76.8	67.9	8.9
1989	135.1	108.2	27.0	59.0	41.1	17.9	76.1	67.0	9.1
1990	130.8	103.6	27.2	58.0	39.9	18.1	72.8	63.7	9.1
1991	120.7	93.5	27.2	54.3	36.4	17.9	66.4	57.1	9.3
1992	117.6	90.8	26.8	54.3	36.5	17.8	63.3	54.3	9.0
1993	115.2	89.4	25.8	52.8	36.1	16.7	62.5	53.4	9.1
1994:									
January	114.4	88.7	25.7	52.0	35.2	16.8	62.4	53.5	8.9
February	115.3	89.5	25.8	52.6	35.6	17.0	62.7	53.9	8.8
March	115.2	89.3	25.9	52.9	35.9	17.0	62.3	53.4	8.9
Average, 1st quarter	115.0	89.2	25.8	52.5	35.6	16.9	62.5	53.6	8.9
April	114.9	89.4	25.5	52.6	35.9	16.7	62.3	53.5	8.8
May	115.6	89.8	25.8	53.1	36.1	17.0	62.5	53.7	8.8
June	118.2	91.8	26.4	54.0	36.6	17.4	64.2	55.2	9.0
Average, 2d quarter	116.2	90.3	25.9	53.2	36.2	17.0	63.0	54.1	8.9
July	119.2	92.4	26.8	54.6	36.8	17.8	64.6	55.6	9.0
August	119.1	92.4	26.7	54.3	36.6	17.7	64.8	55.8	9.0
September	119.1	92.8	26.3	54.4	37.0	17.4	64.7	55.8	8.9
Average, 3d quarter	119.1	92.5	26.6	54.4	36.8	17.6	64.7	55.7	9.0
October									
November									
December									
Average, 4th quarter									
1994 average									
----- 3d quarter 1994 change in employment -----									
From:									
2d qtr. 1994	2.9	2.2	.7	1.2	.6	.6	1.7	1.6	.1
3d qtr. 1993	2.4	1.5	.9	1.1	.3	.8	1.3	1.2	.1

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

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

Figure 2--Employment in forest products industry, Washington and Oregon, 1983-93

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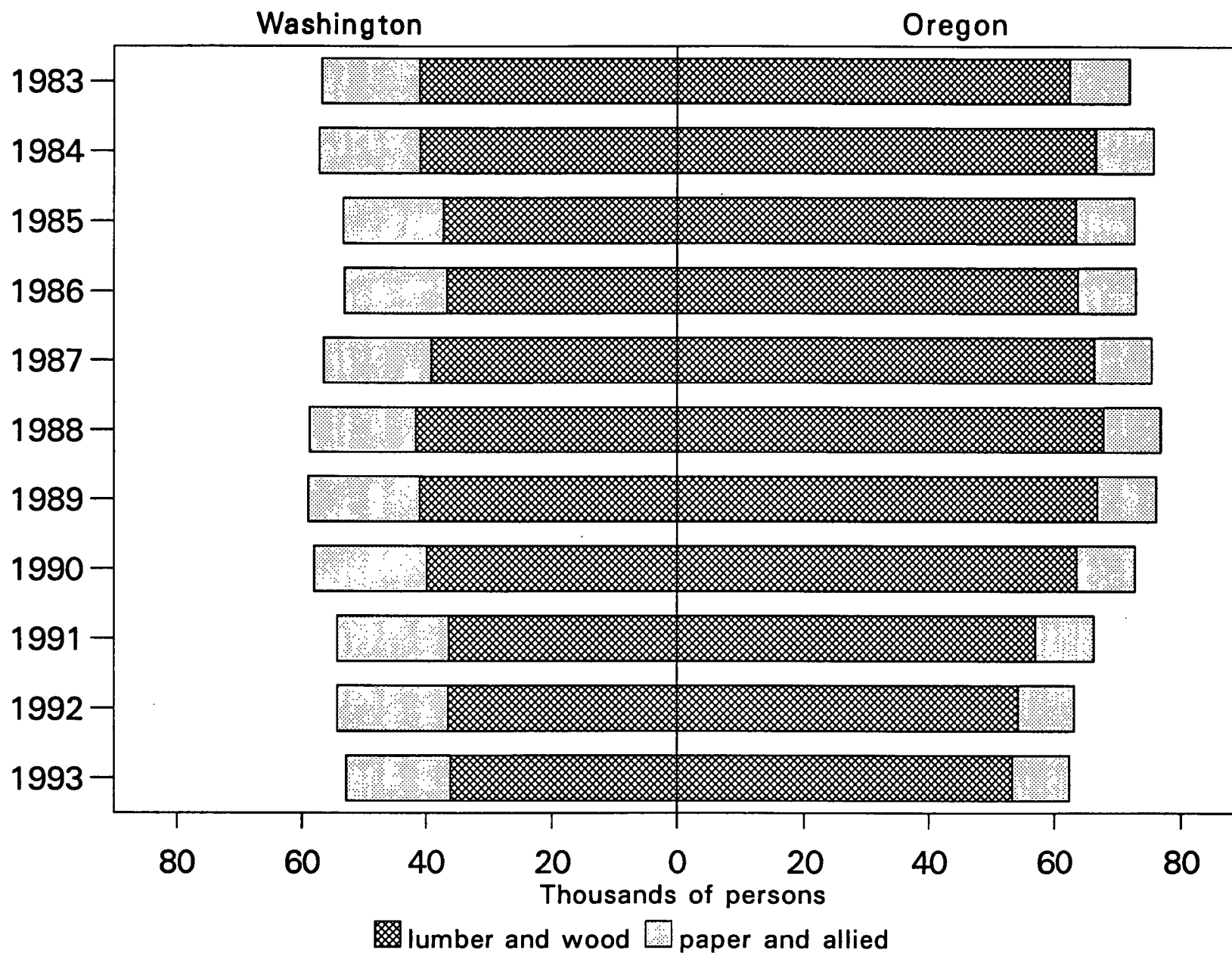


Table 22—Total nonagricultural employment and employment in forest products industries in Washington and Oregon, 1990-94

(In thousands of persons)

Year	Washington and Oregon		Washington		Oregon	
	Total	Forest Industries	Total	Forest Industries	Total	Forest Industries
1990	3,394.9	130.8	2,143.0	58.0	1,251.9	72.8
1991	3,428.0	120.7	2,177.4	54.3	1,250.6	66.4
1992	3,496.4	117.6	2,222.2	54.3	1,274.2	63.3
1993	3,560.2	115.3	2,249.8	52.8	1,310.4	62.5
1994:						
January	3,538.0	114.4	2,233.7	52.0	1,304.3	62.4
February	3,553.7	115.3	2,242.8	52.6	1,310.9	62.7
March	3,579.3	115.2	2,258.0	52.9	1,321.3	62.3
Average, 1st quarter	3,557.0	115.0	2,244.8	52.5	1,312.2	62.5
April	3,600.8	114.9	2,270.2	52.6	1,330.6	62.3
May	3,638.3	115.6	2,290.6	53.1	1,345.7	62.5
June	3,677.8	118.2	2,314.7	54.0	1,363.1	64.2
Average, 2d quarter	3,638.3	116.2	2,291.8	53.2	1,346.5	63.0
July	3,635.6	119.2	2,286.4	54.6	1,349.2	64.6
August	3,651.1	119.1	2,289.6	54.3	1,361.5	64.8
September	3,696.0	119.1	2,320.1	54.4	1,375.9	64.7
Average, 3d quarter	3,660.9	119.1	2,298.7	54.4	1,362.2	64.7
October						
November						
December						
Average, 4th quarter						
1994 average						

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

Table 23—Employment in forest products industries in California and Alaska, 1983-94

(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
1983	87.5	50.2	37.3	2.7	1.9	.8
1984	94.5	55.4	39.1	2.2	1.6	.6
1985	95.7	55.9	39.8	2.3	1.7	.6
1986	99.0	59.5	39.6	2.7	1.9	.8
1987	107.5	66.2	41.3	3.1	2.2	.9
1988	109.5	69.0	40.6	3.6	2.7	1.0
1989	112.5	70.7	41.7	3.9	2.9	1.0
1990	109.3	67.5	41.8	3.9	3.0	.9
1991	97.5	56.7	40.8	3.3	2.4	.9
1992	90.1	50.0	40.1	3.1	2.2	.9
1993	87.5	47.8	39.7	3.2	2.4	.8
1994:						
January	84.0	45.2	38.8	1.6	1.1	.5
February	84.7	45.6	39.0	1.9	1.4	.5
March	85.3	46.4	38.9	2.2	1.7	.5
Average, 1st quarter	84.7	45.7	38.9	1.9	1.4	.5
April	87.0	47.9	39.1	2.8	2.3	.5
May	88.9	49.6	39.4	2.9	2.4	.5
June	91.0	51.3	39.7	3.2	2.6	.6
Average, 2d quarter	89.0	49.6	39.4	3.0	2.4	.5
July	NA	NA	NA	3.0	2.5	.5
August	NA	NA	NA	3.1	2.6	.5
September	NA	NA	NA	3.0	2.5	.5
Average, 3d quarter	NA	NA	NA	3.0	2.5	.5
October						
November						
December						
Average, 4th quarter						
1994 average						
----- 3d quarter 1994 change in employment -----						
From:						
2d quarter 1994	NA	NA	NA	0.0	.1	0.0
3d quarter 1993	NA	NA	NA	-.7	-.4	-.4

NA = not available.

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

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

Table 24—Employment in forest products industries in Montana and Idaho, 1983-94

(In thousands of persons)

Year	Montana		Total	Idaho	
	Lumber and wood products	Paper and allied products		Lumber and wood products	Paper and allied products
1983	8.0	a	15.7	14.0	1.7
1984	8.3	a	15.6	13.9	1.7
1985	8.4	a	15.4	13.6	1.8
1986	8.1	a	15.0	13.1	1.8
1987	8.4	a	15.1	13.3	1.8
1988	7.9	a	15.7	13.8	1.9
1989	8.3	a	16.2	14.3	2.0
1990	8.4	a	17.2	15.1	2.2
1991	7.4	a	15.7	13.3	2.4
1992	7.4	a	16.4	14.0	2.4
1993	8.2	a	NA	NA	NA
1994:					
January	7.7	a	NA	NA	NA
February	7.7	a	NA	NA	NA
March	7.5	a	16.2	13.8	2.4
Average, 1st quarter	7.6	a	NA	NA	NA
April	7.1	a	15.9	13.6	2.3
May	7.2	a	16.4	14.1	2.3
June	7.7	a	17.8	15.4	2.4
Average, 2d quarter	7.3	a	16.7	14.4	2.3
July	7.9	a	17.8	15.5	2.3
August	7.9	a	18.1	15.8	2.3
September	7.7	a	17.8	15.5	2.3
Average, 3d quarter	7.8	a	17.9	15.6	2.3
October					
November					
December					
Average, 4th quarter					
1994 average					
----- 3d quarter 1994 change in employment -----					
From:					
2d quarter 1994	.5	a	1.2	1.2	0.0
3d quarter 1993	-.7	a	.3	.5	-.3

NA = not available.

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

^a Withheld to avoid disclosing figures for individual companies.

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

Table 25—Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94

(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													
1983	2,591.5	1,417.7	1,011.0	153.8	1,739.8	799.3	824.2	119.2	851.7	621.4	186.7	8.9	34.7
1984	2,722.2	1,568.8	995.8	148.5	1,789.2	847.3	828.8	113.0	833.1	721.5	187.0	11.1	33.4
1985	3,004.1	1,748.7	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	1,738.8	785.7	879.0	94.0	1,041.5	845.0	154.1	12.2	30.2
1987	3,167.8	1,844.6	1,150.8	180.3	2,063.5	983.3	985.3	114.9	1,104.1	881.2	185.3	12.1	45.5
1988	3,682.2	2,279.1	1,183.8	220.5	2,264.8	1,216.8	821.9	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	1,663.1	941.9	182.5	1,832.1	1,076.8	717.6	137.7	1,076.2	788.3	224.3	10.9	54.8
1991	2,542.4	1,574.7	818.0	149.7	1,548.3	834.2	622.5	91.8	994.1	740.6	195.3	8.7	49.4
1992	2,181.7	1,395.9	673.6	112.2	1,383.6	761.3	556.5	75.8	788.1	634.5	117.1	9.7	26.7
1993:													
1st qtr.	545.0	377.2	145.0	22.8	317.4	180.0	113.3	14.0	227.7	187.2	31.7	1.9	6.9
2d qtr.	497.7	318.7	154.9	26.2	290.5	148.6	122.4	19.5	207.2	168.0	32.5	.4	8.3
3d qtr.	319.6	224.8	75.9	18.9	185.0	102.0	50.5	12.5	154.5	122.8	25.4	1.0	5.3
4th qtr.	345.3	252.7	77.1	15.4	185.1	117.7	58.3	9.2	160.1	135.1	18.8	.6	5.7
1993 total	1,707.6	1,171.4	453.2	83.0	958.1	558.3	344.8	55.0	749.8	613.1	108.5	3.8	24.2
1994:													
1st qtr.	368.8	280.6	89.8	18.8	222.4	141.3	69.4	11.7	168.4	139.3	20.2	1.3	5.7
2d qtr.	378.3	278.2	84.3	17.8	221.1	142.1	66.4	12.7	157.2	134.1	18.0	.3	4.8
3d qtr.	418.4	321.8	80.3	16.3	235.7	162.6	64.3	8.7	182.8	159.2	16.0	1.2	6.4
1994 total													
TO JAPAN													
1983	1,591.3	895.7	587.4	99.2	833.7	430.4	428.1	75.2	657.8	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	918.4	454.6	406.3	55.5	700.8	560.2	114.9	11.9	13.6
1986	1,768.7	1,218.2	485.0	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	582.6	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	758.4	143.1	11.2	41.3
1990	2,114.4	1,528.1	451.2	127.2	1,271.1	848.1	349.3	75.7	843.3	680.0	101.9	9.9	51.5
1991	1,713.7	1,263.2	352.8	97.7	971.4	641.4	282.0	48.0	742.2	621.8	70.8	6.9	42.7
1992	1,665.9	1,274.9	318.6	72.3	989.5	687.0	264.4	38.1	676.4	588.0	54.3	9.1	25.1
1993:													
1st qtr.	472.8	362.1	92.9	17.8	268.0	181.6	78.8	9.8	204.8	180.5	18.1	1.8	6.5
2d qtr.	380.3	290.9	78.1	11.3	203.7	135.3	61.7	6.8	176.6	155.7	16.4	.4	4.1
3d qtr.	265.5	211.3	44.4	9.8	133.8	91.7	34.8	7.4	131.7	119.8	8.7	.9	1.5
4th qtr.	319.8	252.5	55.7	11.6	166.8	117.5	43.6	5.7	153.0	134.9	12.1	.6	5.4
1993 total	1,438.4	1,116.7	271.1	50.8	772.3	526.1	216.8	29.5	666.1	580.8	54.3	3.7	17.4
1994:													
1st qtr.	343.8	271.9	59.4	12.5	188.1	132.9	48.8	6.8	155.7	139.0	10.7	.9	5.0
2d qtr.	319.4	250.4	58.1	11.0	168.6	117.9	44.2	6.5	150.8	132.4	13.9	.2	4.2
3d qtr.	384.7	310.7	64.2	9.8	210.1	151.6	52.7	5.8	174.8	159.1	11.6	1.2	2.8
1994 total													
TO CANADA													
1983	5.2	.4	2.8	2.0	5.2	.4	2.8	2.0	0	0	0	0	0
1984	10.5	.4	4.5	2.0	10.5	.4	4.5	2.0	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	45.8	10.9	53.8	2.3	45.8	5.7	5.2	0	4.5	0	.7
1987	43.5	5.4	35.8	2.5	41.4	5.4	35.8	.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	18.7	.7	30.3	12.9	18.7	.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	28.2	3.6	22.1	3.5	28.2	3.6	22.1	3.5	0	0	0	0	0
1992	6.8	2.5	2.1	2.2	6.8	2.5	2.1	2.2	0	0	0	0	0
1993:													
1st qtr.	.7	0	.1	.6	.7	0	.1	.6	0	0	0	0	0
2d qtr.	1.1	.1	.1	.9	1.1	.1	.1	.9	0	0	0	0	0
3d qtr.	.9	.1	0	.8	.9	.1	0	.8	0	0	0	0	0
4th qtr.	.3	.1	.1	.2	.3	.1	.1	.2	0	0	0	0	0
1993 total	3.0	.2	.3	2.5	3.0	.2	.3	2.5	0	0	0	0	0
1994:													
1st qtr.	.2	0	0	.2	.2	0	0	.2	0	0	0	0	0
2d qtr.	.6	.4	.1	.1	.6	.4	.1	.1	0	0	0	0	0
3d qtr.	.6	.1	0	.5	.6	.1	0	.5	0	0	0	0	0
1994 total													

Table 25—Volume of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94 (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													
1983	285.8	18.4	238.1	27.2	258.4	18.4	220.5	22.5	28.3	3.0	18.8	0	4.7
1984	284.2	8.0	236.7	21.5	238.6	4.8	213.8	18.2	27.8	1.2	23.1	0	3.3
1985	297.6	10.7	284.2	22.8	283.7	8.9	241.5	15.3	34.0	3.8	22.7	0	7.4
1986	325.8	9.8	287.4	18.4	294.6	8.7	267.9	18.0	31.0	1.1	29.5	0	.3
1987	408.1	14.4	380.1	33.2	382.2	11.1	321.4	29.7	45.9	3.3	38.7	.5	3.4
1988	488.8	14.8	432.2	43.1	416.1	10.7	384.8	40.9	73.7	3.9	67.8	0	2.2
1989	658.1	17.4	562.2	48.8	515.3	18.1	452.5	48.8	142.8	1.3	139.7	0	1.8
1990	488.6	15.1	434.4	37.1	372.1	10.0	328.8	35.5	114.5	5.1	107.9	0	1.8
1991	445.6	12.5	408.7	28.3	320.3	5.7	291.8	23.0	125.3	6.8	115.1	0	3.3
1992	288.9	6.0	288.4	28.5	238.4	3.5	208.0	25.9	60.5	2.5	57.5	0	.5
1993:													
1st qtr.	43.4	4.3	35.9	3.2	28.0	2.9	22.0	3.2	15.4	1.5	13.9	0	.1
2d qtr.	68.5	5.6	54.9	8.0	58.4	4.0	43.8	8.7	13.0	1.6	11.1	0	.3
3d qtr.	37.9	1.8	29.5	6.8	20.3	1.5	15.1	3.7	17.8	.3	14.4	0	2.9
4th qtr.	15.9	.2	13.6	2.1	11.1	.1	8.0	2.1	4.7	.1	4.8	0	0.0
1993 total	166.7	11.8	133.9	20.9	115.9	8.4	88.8	17.8	50.8	3.4	44.1	0	3.3
1994:													
1st qtr.	27.3	.9	22.5	3.9	17.7	.4	13.8	3.8	9.5	.5	8.8	0	.3
2d qtr.	29.1	1.7	24.0	3.4	24.7	1.6	20.0	3.1	4.4	.1	4.0	0	.3
3d qtr.	23.8	3.2	15.9	4.7	15.8	3.2	11.5	1.1	8.0	0	4.4	0	3.8
4th qtr.													
1994 total													
TO PEOPLE'S REPUBLIC OF CHINA													
1983	699.2	497.0	177.8	24.8	535.4	347.8	169.0	18.8	183.8	148.4	8.8	0	5.8
1984	845.2	624.7	188.7	30.8	588.7	402.3	171.0	15.3	255.5	222.4	18.7	0	14.5
1985	1,028.6	718.3	280.5	32.8	844.4	379.9	245.3	19.1	385.2	338.3	35.2	0	13.8
1986	808.3	374.4	214.1	19.8	434.7	228.8	188.5	8.4	173.6	147.8	15.6	0	10.5
1987	558.7	388.5	157.0	12.2	435.6	288.7	140.7	6.3	123.1	100.8	18.3	0	5.9
1988	1,052.5	825.9	208.3	18.3	880.9	518.0	180.7	12.2	361.6	307.9	47.8	0	8.1
1989	437.0	371.9	80.5	4.7	297.8	263.0	30.1	4.8	130.3	108.8	30.4	0	.1
1990	339.7	303.7	28.4	7.7	231.3	208.8	14.5	7.0	108.4	93.9	13.9	0	.8
1991	321.5	275.2	32.1	14.2	203.1	168.0	23.2	11.9	118.3	107.1	8.9	0	2.3
1992	201.9	110.0	84.4	7.5	154.3	87.4	79.5	7.5	47.8	42.6	4.9	0	.1
1993:													
1st qtr.	27.5	10.4	16.2	.9	20.4	5.4	14.4	.8	7.1	5.0	1.8	0	.3
2d qtr.	44.7	18.7	21.8	4.3	28.6	9.0	18.8	2.7	18.2	9.6	4.9	0	1.8
3d qtr.	14.9	11.8	2.4	.9	8.8	8.7	1.1	0.0	5.1	2.9	1.2	0	.9
4th qtr.	8.5	0.0	7.0	1.4	6.2	0.0	4.9	1.2	2.3	0.0	2.1	0	.2
1993 total	95.6	40.7	47.4	7.5	64.9	23.1	37.3	4.5	30.7	17.6	10.0	0	3.0
1994:													
1st qtr.	16.8	8.0	7.7	1.1	16.0	8.0	6.9	1.1	.8	0	.8	0	0
2d qtr.	27.8	23.6	1.8	2.5	28.2	22.0	1.8	2.4	1.8	1.6	0	0	.1
3d qtr.	8.8	7.7	.1	1.1	8.8	7.7	.1	1.1	0	0	0	0	0
4th qtr.													
1994 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 3--Log exports from Seattle and Columbia-Snake Customs Districts, 1983-93

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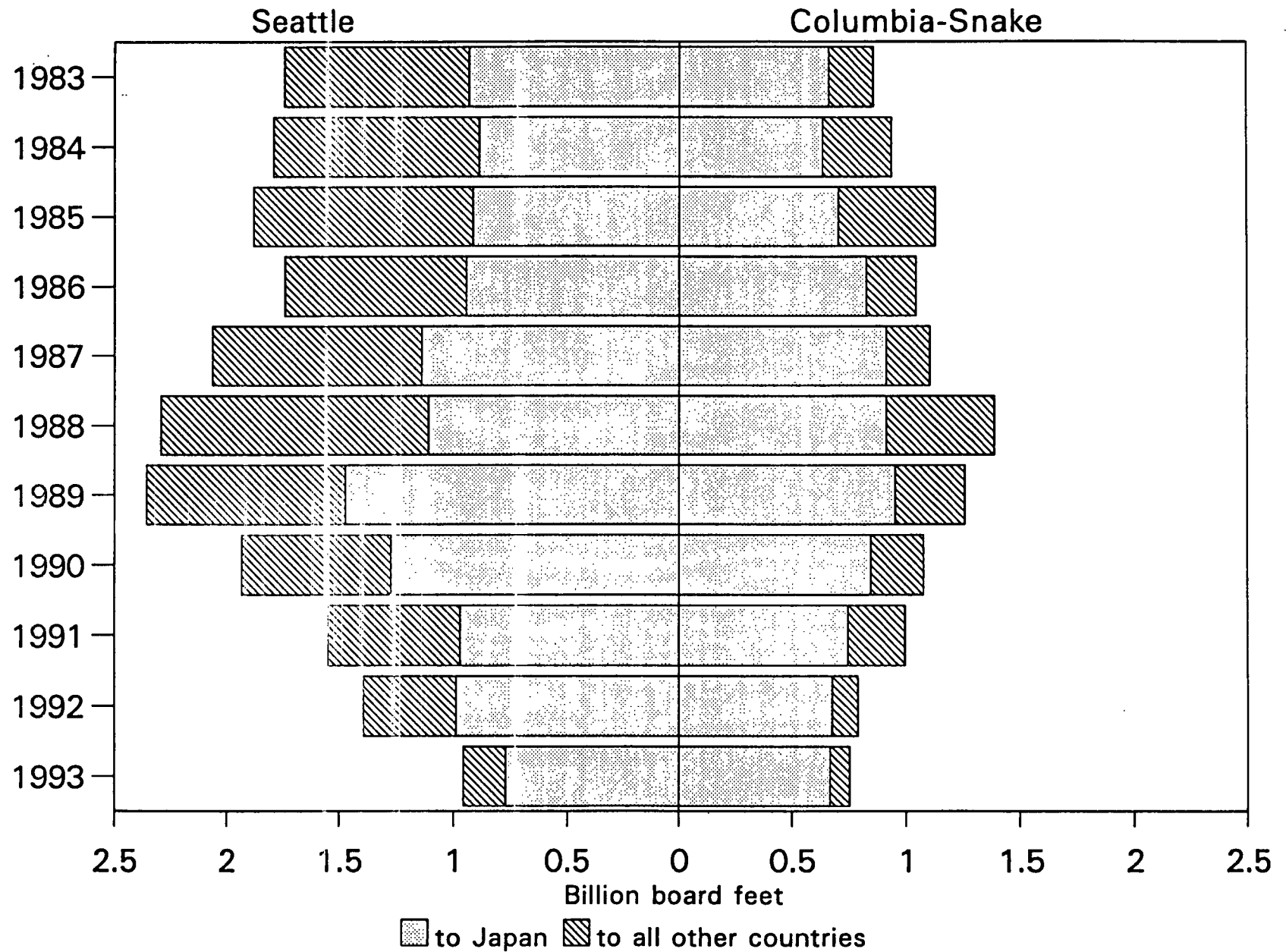


Table 26—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94

(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													
1983	892,436	500,178	315,836	66,413	580,518	272,311	287,346	50,861	311,918	227,867	58,482	11,007	14,552
1984	903,798	533,451	298,511	57,886	575,879	281,943	248,277	45,659	327,917	251,509	50,234	14,148	12,026
1985	972,469	568,597	322,567	49,140	586,974	277,856	271,543	37,578	385,486	306,741	51,024	14,186	11,564
1986	929,580	557,356	297,998	53,444	562,088	266,632	252,871	42,584	377,493	310,725	44,827	11,062	10,856
1987	1,245,300	751,776	389,960	85,492	762,852	373,752	325,685	83,415	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	86,625	663,125	526,966	86,070	35,233	29,857
1989	1,724,771	1,076,505	493,309	123,111	1,046,186	567,083	384,730	84,381	676,577	506,422	108,579	31,848	28,730
1990	1,681,850	1,063,869	454,374	104,487	1,014,303	582,289	349,177	72,837	667,547	501,580	105,187	29,120	31,650
1991	1,445,837	866,276	388,807	103,754	843,231	491,261	286,552	52,417	602,606	464,015	87,254	24,272	27,085
1992	1,466,848	1,077,100	336,981	84,787	904,551	579,464	277,355	47,732	594,297	497,636	59,596	18,884	16,181
1993:													
1st qtr.	496,284	367,223	103,063	25,878	280,846	186,410	80,105	14,131	215,618	180,813	22,958	5,548	6,289
2d qtr.	539,539	367,176	149,074	23,289	308,563	172,219	120,672	15,472	230,676	194,957	28,202	2,791	5,026
3d qtr.	328,186	242,267	65,943	17,956	183,274	102,248	45,093	8,933	162,692	134,019	20,850	3,807	4,218
4th qtr.	318,169	248,672	55,361	14,966	160,415	111,579	42,311	6,525	156,784	137,293	13,050	3,519	4,922
1993 total	1,681,168	1,225,538	373,440	82,189	912,698	578,456	288,381	46,061	768,270	647,082	85,059	15,666	20,463
1994:													
1st qtr.	398,208	294,603	69,622	24,963	212,882	149,477	53,152	10,223	178,356	145,126	18,470	9,566	5,184
2d qtr.	396,637	285,691	63,662	17,294	189,582	139,343	49,693	10,526	167,075	148,348	13,959	678	6,060
3d qtr.	395,466	321,767	56,525	17,174	206,084	156,666	44,221	5,877	189,402	165,901	12,304	6,291	4,906
4th qtr.													
1994 total													
TO JAPAN													
1983	563,048	331,171	195,706	45,162	336,125	156,671	144,612	34,842	246,923	174,500	50,896	11,007	10,520
1984	535,175	324,464	182,550	34,194	302,800	146,370	125,637	26,593	232,375	176,114	36,713	13,948	5,802
1985	560,675	360,036	158,014	28,061	304,621	157,696	123,570	23,365	256,154	202,439	34,444	13,965	5,306
1986	644,858	450,928	146,356	36,515	326,718	185,096	114,568	29,035	316,140	267,830	31,768	11,059	7,462
1987	918,370	612,328	228,611	56,896	493,610	270,675	180,078	42,886	424,759	341,653	48,535	17,537	17,037
1988	1,075,863	729,888	236,376	76,040	570,923	332,561	184,306	54,036	504,940	397,308	52,070	33,559	22,004
1989	1,302,346	807,829	281,526	82,811	734,604	450,963	228,472	57,149	587,742	456,945	55,054	30,080	25,883
1990	1,284,949	823,577	241,989	71,993	718,343	484,356	191,418	42,567	546,607	439,219	50,571	27,391	29,426
1991	1,075,650	666,201	195,914	73,535	599,158	402,535	158,818	27,802	486,495	403,696	37,096	21,299	24,444
1992	1,246,482	1,008,233	176,387	60,872	711,014	536,956	146,068	26,068	535,478	470,375	30,289	17,771	17,043
1993:													
1st qtr.	443,493	356,278	67,467	19,748	244,204	180,160	55,740	8,304	199,289	178,118	11,727	5,467	5,977
2d qtr.	432,434	343,903	76,360	12,141	227,762	160,404	61,442	5,916	204,672	183,498	14,948	2,775	3,450
3d qtr.	280,848	228,761	39,168	11,919	135,364	96,351	30,221	6,792	145,484	131,410	8,947	3,900	1,527
4th qtr.	303,963	248,676	42,634	12,473	148,145	111,508	33,369	4,236	154,636	137,168	9,435	3,512	4,723
1993 total	1,460,757	1,178,618	225,856	56,261	756,474	550,423	180,801	25,250	704,263	628,195	45,057	15,354	15,877
1994:													
1st qtr.	354,576	296,895	48,223	19,456	187,598	142,523	39,323	5,752	166,878	144,372	8,900	8,849	4,857
2d qtr.	321,367	264,267	45,309	11,821	158,855	119,017	34,262	5,578	162,542	145,250	11,047	508	5,737
3d qtr.	373,501	313,357	46,910	13,234	189,107	147,514	37,389	4,204	184,394	165,843	9,521	6,291	2,739
4th qtr.													
1994 total													
TO CANADA													
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	3,642	336	3,334	172	3,642	336	3,334	172	-	-	-	-	-
1989	10,379	5,424	4,563	372	10,379	5,424	4,563	372	-	-	-	-	-
1990	8,895	946	6,447	1,472	8,895	946	6,447	1,472	-	-	-	-	-
1991	9,174	1,193	6,863	1,118	9,174	1,193	6,863	1,118	-	-	-	-	-
1992	1,865	811	328	726	1,865	811	328	726	-	-	-	-	-
1993:													
1st qtr.	229	-	18	211	229	-	18	211	-	-	-	-	-
2d qtr.	363	49	36	278	363	49	36	278	-	-	-	-	-
3d qtr.	330	27	-	303	330	27	-	303	-	-	-	-	-
4th qtr.	173	21	16	136	173	21	16	136	-	-	-	-	-
1993 total	1,095	97	70	928	1,095	97	70	928	-	-	-	-	-
1994:													
1st qtr.	158	20	-	138	158	20	-	138	-	-	-	-	-
2d qtr.	250	140	12	98	250	140	12	98	-	-	-	-	-
3d qtr.	326	53	-	275	326	53	-	275	-	-	-	-	-
4th qtr.													
1994 total													

Table 26—Value of softwood log exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94 (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													
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	9,028	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	7,813	23	118
1987	126,745	4,952	104,880	16,935	112,289	3,871	93,149	15,269	14,456	1,080	11,531	178	1,667
1988	191,804	6,210	182,541	23,053	183,755	4,822	137,250	21,884	28,047	1,588	25,291	—	1,189
1989	218,548	6,855	182,826	27,068	172,501	6,094	140,425	25,982	44,047	580	42,401	—	1,086
1990	219,402	8,284	191,506	19,624	186,129	4,860	142,339	18,910	53,273	3,364	49,187	8	714
1991	193,895	6,519	171,554	15,822	141,473	2,834	124,209	14,430	52,422	3,665	47,345	—	1,362
1992	142,836	3,849	122,836	16,061	113,702	2,173	95,712	15,817	29,136	1,676	27,226	—	234
1993:													
1st qtr.	32,671	2,772	24,732	5,167	21,715	1,899	14,897	5,119	10,856	1,073	9,835	—	48
2d qtr.	85,652	4,593	54,693	6,366	53,651	3,062	44,581	6,018	12,001	1,541	10,112	—	348
3d qtr.	32,528	2,685	25,055	4,788	18,317	1,894	13,797	2,626	14,211	791	11,258	—	2,162
4th qtr.	9,544	160	8,093	1,291	8,976	35	5,650	1,291	2,568	125	2,443	—	—
1993 total	140,396	10,210	112,573	17,613	100,660	6,680	78,925	15,055	39,736	3,530	33,648	—	2,558
1994:													
1st qtr.	20,145	1,090	15,368	3,657	13,710	399	9,906	3,435	6,435	721	5,492	—	222
2d qtr.	20,758	1,258	16,999	2,799	17,593	1,181	13,787	2,625	3,163	77	2,912	—	174
3d qtr.	15,200	2,980	9,530	3,010	10,271	2,960	6,747	864	4,929	—	2,783	—	2,146
4th qtr.													
1994 total													
TO PEOPLE'S REPUBLIC OF CHINA													
1983	220,458	161,616	51,464	7,378	184,982	110,448	49,093	5,440	55,476	51,167	2,371	—	1,936
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	195,184	117,736	71,825	5,603	117,014	103,869	9,779	—	3,627
1986	178,472	110,633	60,184	5,656	128,889	69,348	56,570	2,950	447,804	41,284	3,614	—	2,708
1987	158,384	113,984	41,361	3,039	123,661	84,867	37,120	1,673	34,723	28,116	4,241	—	1,368
1988	410,693	325,151	78,648	6,874	298,504	202,815	80,973	4,617	142,188	122,236	17,675	20	2,257
1989	186,362	145,035	20,786	2,476	110,098	87,616	10,179	2,303	58,295	47,420	10,807	65	173
1990	164,786	150,037	11,234	3,411	106,540	97,341	6,094	3,135	58,246	52,695	5,170	106	276
1991	143,274	127,457	10,953	4,864	87,689	74,768	8,336	4,596	55,585	52,699	2,818	—	298
1992	101,085	61,302	36,641	3,142	74,663	36,664	34,709	3,120	26,392	24,438	1,832	—	23
1993:													
1st qtr.	19,387	7,925	10,841	621	14,237	4,414	9,450	373	5,150	3,511	1,391	—	248
2d qtr.	38,719	17,194	17,955	3,570	25,926	8,604	14,813	2,509	12,793	8,590	3,142	—	1,081
3d qtr.	11,965	9,760	1,719	488	9,018	7,942	1,075	—	2,947	1,818	644	—	485
4th qtr.	5,051	—	4,189	862	3,765	—	3,017	748	1,266	—	1,172	—	114
1993 total	75,121	34,680	34,704	5,537	52,945	20,961	28,355	3,629	22,176	13,918	6,349	—	1,908
1994:													
1st qtr.	13,230	6,566	6,001	663	11,152	6,566	3,923	663	2,078	—	2,078	—	—
2d qtr.	22,965	19,813	1,378	1,774	21,833	18,801	1,378	1,754	1,032	1,012	—	—	20
3d qtr.	6,102	5,630	40	432	6,102	5,630	40	432	—	—	—	—	—
4th qtr.													
1994 total													

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

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

Table 27—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94

(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													
1983	344.37	362.81	312.40	426.04	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	321.67	332.76	299.56	404.06	361.44	348.58	300.80	1,271.75	390.06
1985	323.71	335.26	290.06	377.71	312.41	329.10	299.12	393.88	342.58	341.00	295.26	1,145.43	333.26
1986	334.37	362.24	268.19	430.31	317.55	335.18	330.25	453.02	362.45	367.70	290.80	911.05	369.57
1987	363.14	407.57	338.82	533.33	369.69	390.10	337.39	551.91	436.96	436.82	346.67	1,495.86	485.21
1988	468.71	473.26	423.23	541.67	450.04	450.67	427.90	574.52	499.59	498.91	405.42	1,675.39	482.90
1989	476.69	526.22	365.22	567.07	443.37	489.66	373.67	556.47	539.73	581.52	336.15	2,626.43	596.54
1990	559.05	587.13	482.42	542.67	524.97	550.04	466.61	528.77	620.26	637.93	469.02	2,672.54	577.63
1991	568.69	606.64	472.67	693.06	544.62	586.80	461.21	572.24	606.18	626.54	446.77	2,769.89	547.67
1992	667.01	771.64	500.23	755.59	646.07	761.13	496.42	629.61	754.11	784.24	506.84	1,940.20	681.42
1993:													
1st qtr.	910.51	973.49	710.71	1,139.34	894.30	960.69	707.17	1,006.05	947.04	965.67	723.34	2,962.09	915.29
2d qtr.	1,063.97	1,158.49	962.47	889.30	1,062.06	1,158.65	967.66	793.23	1,114.66	1,180.24	967.66	5,774.27	801.47
3d qtr.	1,020.66	1,077.84	868.45	952.27	989.34	1,061.56	892.40	782.61	1,054.15	1,091.38	820.80	3,626.13	761.14
4th qtr.	924.47	964.76	717.94	969.17	898.41	948.37	725.67	708.65	991.59	1,016.44	693.37	6,161.06	668.29
1993 avg.	964.51	1,046.23	823.93	980.37	962.85	1,036.09	836.42	837.66	1,024.97	1,055.45	784.21	4,070.57	847.26
1994:													
1st qtr.	1,001.04	1,048.82	777.38	1,339.66	957.16	1,057.99	798.19	872.12	1,056.67	1,041.73	815.63	7,562.06	917.02
2d qtr.	968.14	1,034.30	754.80	973.54	902.46	980.59	748.62	830.32	1,082.95	1,061.20	776.49	2,367.32	1,267.96
3d qtr.	945.13	986.65	703.94	1,050.85	874.45	958.44	687.78	684.73	1,036.26	1,042.36	768.95	5,251.25	764.65
4th qtr.													
1994 avg.													
TO JAPAN													
1983	366.40	369.73	333.18	455.26	360.00	363.66	338.27	460.66	375.49	375.04	319.50	1,232.31	436.51
1984	322.24	355.80	311.52	457.75	340.56	347.31	314.12	466.44	368.70	363.29	302.81	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	484.26	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	433.56	425.65	413.40	640.66	486.58	462.63	382.17	1,590.66	504.05
1988	532.26	522.09	500.60	566.62	514.64	487.14	521.67	620.39	553.69	544.96	436.67	1,865.04	486.19
1989	537.31	565.10	424.43	560.32	498.10	530.37	435.36	593.60	596.39	604.14	384.72	2,697.03	621.38
1990	596.25	606.16	536.33	566.17	565.14	572.47	547.66	552.56	646.15	645.68	496.46	2,755.63	571.49
1991	627.68	636.22	553.31	752.69	606.59	627.52	553.16	578.21	655.46	649.16	523.66	3,065.36	572.46
1992	748.24	791.59	553.61	841.55	716.56	784.39	552.66	683.20	791.63	799.99	556.22	1,943.69	690.36
1993:													
1st qtr.	937.89	964.05	726.12	1,106.70	911.10	962.11	725.37	865.45	973.19	975.94	729.70	3,055.90	925.23
2d qtr.	1,137.07	1,182.10	978.23	1,075.38	1,116.21	1,185.92	966.32	875.41	1,158.82	1,178.78	910.30	6,885.88	836.55
3d qtr.	1,057.89	1,087.51	862.58	1,212.88	1,011.60	1,072.46	872.36	914.38	1,104.71	1,099.03	818.96	3,856.52	1,048.76
4th qtr.	950.42	964.96	768.49	1,017.93	893.95	948.61	765.70	744.16	1,011.96	1,016.48	778.53	6,226.95	678.37
1993 avg.	1,015.52	1,055.43	833.05	1,112.32	979.46	1,046.26	834.05	856.31	1,057.32	1,063.56	829.06	4,161.65	899.66
1994:													
1st qtr.	1,031.37	1,055.23	812.06	1,553.04	997.11	1,072.52	808.59	868.75	1,072.78	1,038.69	826.06	9,962.22	972.37
2d qtr.	1,006.16	1,056.49	779.86	1,078.66	942.06	1,009.27	775.37	856.53	1,077.62	1,066.65	794.12	2,578.68	1,350.20
3d qtr.	970.66	1,006.57	730.13	1,354.69	900.13	972.80	710.05	725.70	1,055.65	1,042.68	821.34	5,251.25	965.96
4th qtr.													
1994 avg.													
TO CANADA													
1983	200.35	138.54	128.57	315.50	200.35	137.46	128.57	315.50	-	-	-	-	-
1984	198.93	226.18	168.89	335.22	198.93	226.18	168.89	335.22	-	-	-	-	-
1985	194.82	456.64	181.21	368.26	194.82	456.64	181.21	368.26	-	-	-	-	-
1986	206.19	180.87	232.79	185.09	206.19	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	416.67	171.66	245.71	184.15	416.67	171.66	245.71	-	-	-	-	-
1989	342.46	419.30	274.43	467.00	342.46	419.30	274.43	467.00	-	-	-	-	-
1990	313.25	262.14	326.29	276.95	313.25	262.14	326.29	276.95	-	-	-	-	-
1991	314.16	331.39	310.54	316.43	314.16	331.39	310.54	316.43	-	-	-	-	-
1992	273.74	322.06	156.19	326.59	273.74	322.06	156.19	326.59	-	-	-	-	-
1993:													
1st qtr.	345.40	-	352.94	344.77	345.40	-	352.94	344.77	-	-	-	-	-
2d qtr.	333.72	374.90	333.33	326.29	333.72	374.90	333.33	326.29	-	-	-	-	-
3d qtr.	372.04	401.19	-	369.51	372.04	401.19	-	369.51	-	-	-	-	-
4th qtr.	547.47	448.72	179.37	755.56	547.47	448.72	179.37	755.56	-	-	-	-	-
1993 avg.	370.31	366.24	261.56	376.66	370.31	366.24	261.56	376.66	-	-	-	-	-
1994:													
1st qtr.	705.36	666.66	-	707.69	705.36	666.66	-	707.69	-	-	-	-	-
2d qtr.	431.03	383.56	173.91	671.23	431.03	383.56	173.91	671.23	-	-	-	-	-
3d qtr.	556.68	623.53	-	545.63	556.68	623.53	-	545.63	-	-	-	-	-
4th qtr.													
1994 avg.													

Table 27—Average value of softwood logs exported from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94 (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													
1983	266.80	282.70	281.71	438.93	295.74	282.21	282.07	438.11	307.18	285.38	277.37	—	438.09
1984	292.67	286.83	281.32	419.81	291.41	283.51	281.48	410.66	303.51	299.82	279.18	261.14	467.67
1985	287.64	290.84	277.38	420.75	284.75	245.88	275.28	450.98	310.13	288.05	298.80	441.18	352.57
1986	277.98	297.75	285.70	484.51	278.87	300.47	265.42	468.44	299.58	274.84	268.24	1,429.31	368.67
1987	310.54	343.94	290.70	510.09	308.99	347.27	289.82	514.11	314.92	332.21	297.96	358.87	480.29
1988	391.58	425.83	378.08	534.87	393.54	433.08	378.44	535.08	380.37	405.41	374.13	—	531.36
1989	337.91	384.82	317.96	558.10	334.74	379.22	310.33	555.17	350.85	454.18	303.51	—	678.75
1990	450.90	548.85	440.82	528.95	448.47	487.68	435.87	532.28	485.29	670.10	455.80	—	453.62
1991	435.13	521.52	421.82	601.80	441.89	487.19	425.98	627.39	418.37	541.91	411.34	—	421.82
1992	477.86	642.14	461.40	606.29	478.90	621.57	458.04	606.21	481.64	670.84	473.62	—	457.93
1993:													
1st qtr.	752.58	638.27	689.72	1,609.18	775.45	587.28	678.40	1,624.58	711.01	740.00	707.61	—	800.00
2d qtr.	944.82	825.63	996.19	705.89	950.50	783.38	1,018.74	982.84	920.25	984.67	907.64	—	1,038.81
3d qtr.	858.35	1,525.57	849.70	720.11	904.28	1,288.04	918.50	701.39	805.81	2,619.21	780.02	—	744.23
4th qtr.	601.17	898.88	593.20	628.35	625.84	700.00	624.88	628.35	543.03	978.56	530.97	—	—
1993 avg.	842.36	861.87	840.79	841.34	868.88	795.24	878.74	853.72	781.92	1,024.67	783.44	—	775.20
1994:													
1st qtr.	738.97	1,234.43	685.73	932.19	772.57	1,018.81	717.48	980.57	676.30	1,386.54	635.06	—	639.77
2d qtr.	713.07	756.10	605.04	818.38	712.47	740.80	680.73	836.25	716.42	1,089.44	716.18	—	628.16
3d qtr.	638.39	820.73	600.35	641.11	650.93	820.73	588.49	805.22	613.75	—	631.21	—	582.49
4th qtr.													
1994 avg.													
TO PEOPLE'S REPUBLIC OF CHINA													
1983	315.28	325.17	289.77	299.92	308.14	317.77	290.48	289.36	338.64	342.38	275.70	—	334.14
1984	313.50	318.82	298.75	294.55	312.11	319.18	296.87	300.43	318.71	318.48	317.75	—	287.86
1985	303.22	308.02	290.82	281.40	302.88	309.89	292.80	293.35	303.79	308.04	277.81	—	288.89
1986	290.10	295.51	281.10	285.86	298.47	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	295.58	282.17	286.72	260.18	—	231.53
1988	380.20	383.71	377.57	375.63	388.60	391.72	379.42	378.44	393.25	397.04	371.32	808.09	370.00
1989	385.27	390.00	343.57	528.81	389.70	371.09	338.17	500.65	418.13	435.72	348.81	1,756.78	1,153.33
1990	485.09	484.11	395.87	444.37	480.62	463.97	418.86	448.26	537.31	581.45	372.02	2,441.88	480.00
1991	445.84	483.14	341.22	342.54	431.75	445.17	359.27	383.70	499.87	491.77	284.16	—	129.57
1992	500.61	557.28	434.07	418.38	463.96	548.94	436.72	418.23	554.62	573.65	391.48	—	450.98
1993:													
1st qtr.	704.80	781.51	699.57	683.17	698.20	821.36	655.25	626.89	723.72	997.80	788.32	—	789.81
2d qtr.	865.81	821.19	824.15	836.26	907.68	951.35	879.42	937.94	791.79	882.84	635.78	—	685.62
3d qtr.	803.34	841.45	726.54	523.71	919.69	915.62	948.81	—	579.21	621.11	522.30	—	522.63
4th qtr.	597.23	—	595.66	604.95	612.12	—	611.84	613.22	557.53	—	557.70	—	555.83
1993 avg.	785.97	857.61	732.54	735.23	815.67	907.60	759.58	808.24	723.12	791.71	632.08	—	627.43
1994:													
1st qtr.	788.11	820.13	777.33	624.88	697.13	820.13	598.09	624.88	2,630.38	—	2,630.38	—	—
2d qtr.	825.07	840.98	756.73	723.20	837.43	855.80	756.73	730.53	628.12	636.08	—	—	384.62
3d qtr.	689.60	735.37	377.36	368.52	689.60	735.37	377.36	368.52	—	—	—	—	—
4th qtr.													
1994 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 28—Volume and average value of softwood log exports from the San Francisco Customs District by species and destination, 1983-94

(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								
1983	33,519	345.33	3,843	312.38	300	1,028.87	29,576	342.47
1984	47,115	361.39	16,339	345.49	1,784	861.88	29,012	339.83
1985	62,580	299.88	33,987	284.72	1,272	591.88	27,341	304.80
1986	26,211	319.41	4,147	284.77	354	774.01	21,710	322.39
1987	32,132	395.40	14,942	452.82	0	—	17,190	345.49
1988	90,785	440.32	29,850	509.87	158	2,147.44	63,779	408.86
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	508.83
1991	78,808	455.82	24,687	503.87	21	1,478.19	52,100	432.34
1992	17,851	687.21	5,014	1,050.88	0	—	12,637	542.83
1993	25,946	603.41	8,378	1,348.82	222	2,612.61	17,346	667.45
1994:								
1st quarter	5,326	693.77	830	1,037.93	0	—	4,396	621.02
2d quarter	5,215	680.36	752	884.36	0	—	4,463	649.34
3d quarter	3,676	761.43	970	727.84	0	—	2,706	773.47
4th quarter								
1994 total and average value								
TO JAPAN								
1983	24,308	351.94	3,828	311.64	300	1,028.87	20,382	349.23
1984	26,251	397.58	2,854	389.64	1,784	861.88	21,533	360.88
1985	25,243	325.79	3,958	311.43	1,272	591.88	20,015	311.67
1986	19,080	330.80	217	345.82	354	774.01	18,489	322.08
1987	25,212	363.34	8,944	477.30	0	—	16,268	347.25
1988	28,289	500.09	11,180	594.28	147	2,238.10	16,942	422.85
1989	50,634	675.04	15,078	622.63	0	—	35,556	697.18
1990	70,186	537.54	16,485	590.46	0	—	53,721	521.32
1991	38,188	481.75	15,790	544.46	0	—	22,398	437.54
1992	10,898	792.71	5,014	1,050.88	0	—	5,884	572.74
1993	18,908	1,101.58	8,190	1,398.54	210	2,668.87	8,508	807.78
1994:								
1st quarter	2,879	875.70	794	1,018.37	0	—	1,885	816.45
2d quarter	2,498	825.06	644	820.81	0	—	1,854	791.80
3d quarter	2,303	904.91	570	905.28	0	—	1,733	904.79
4th quarter								
1994 total and average value								
TO PEOPLE'S REPUBLIC OF CHINA								
1983	8,302	314.82	0	—	0	—	8,302	314.82
1984	18,278	326.55	12,758	340.39	0	—	5,520	294.57
1985	37,306	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	448.00	5,912	459.24	0	—	12,843	444.29
1991	28,493	408.31	8,874	429.34	0	—	19,619	398.80
1992	0	—	0	—	0	—	0	—
1993	2,604	563.36	0	—	0	—	2,604	563.36
1994:								
1st quarter	0	—	0	—	0	—	0	—
2d quarter	0	—	0	—	0	—	0	—
3d quarter	0	—	0	—	0	—	0	—
4th quarter								
1994 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 4--Log exports from San Francisco and Anchorage Customs Districts, 1983-93

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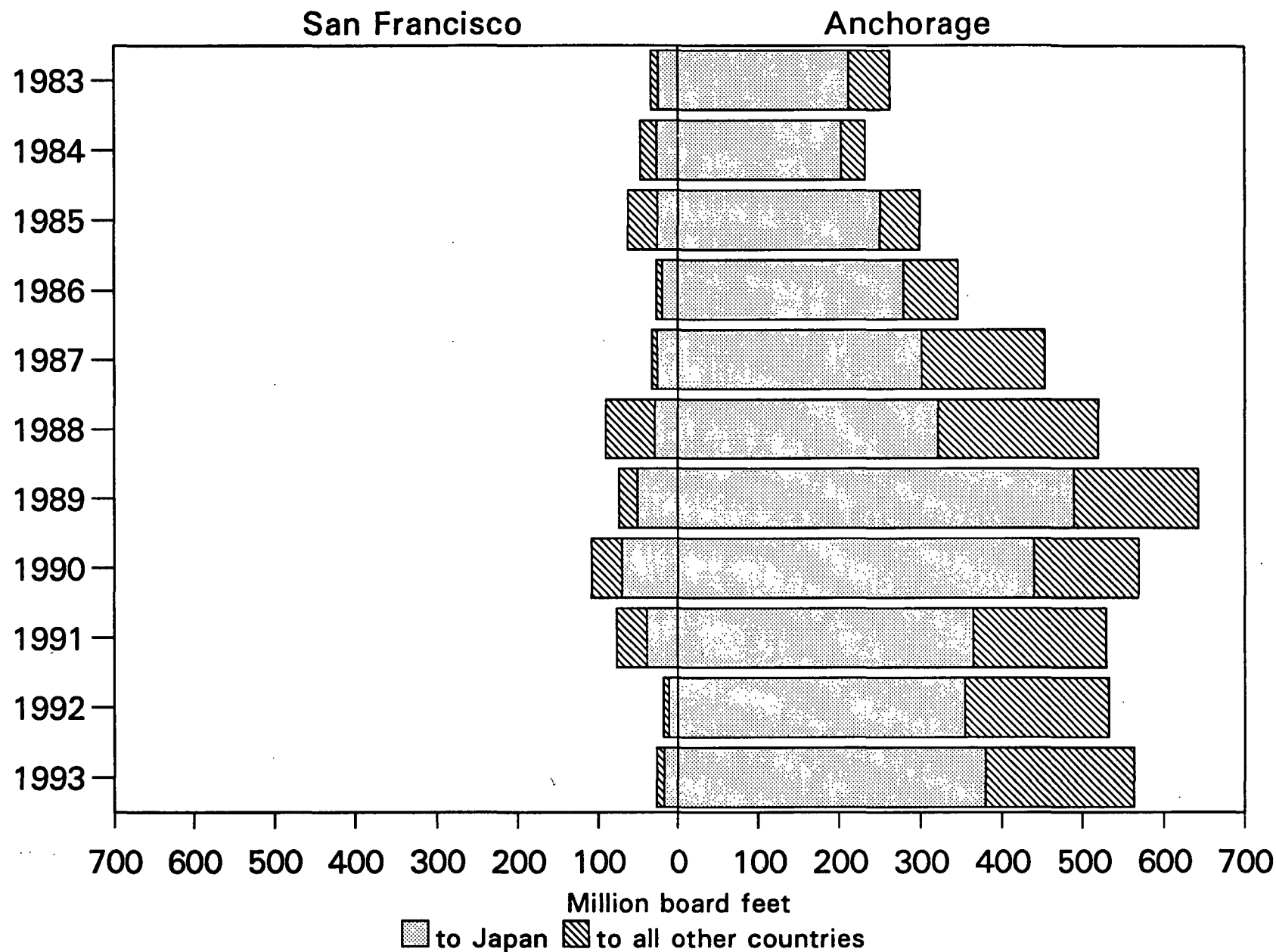


Table 29—Volume and average value of softwood log exports from Anchorage Customs District by species and destination, 1983-94

(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								
1983	262,219	425.55	131,238	358.71	23,402	377.45	101,902	511.54
1984	231,544	396.66	121,349	319.97	15,547	414.68	87,400	496.00
1985	299,190	387.11	177,301	310.28	17,708	354.70	96,689	527.64
1986	345,783	397.88	196,653	302.54	18,466	356.44	118,355	541.12
1987	453,127	471.94	234,230	371.37	36,027	375.44	164,387	587.59
1988	519,538	510.93	260,031	411.46	58,312	443.01	175,901	641.21
1989	643,061	511.73	278,963	431.46	74,065	404.27	251,118	620.86
1990	568,597	592.33	251,500	457.05	62,609	439.35	213,334	781.02
1991	528,878	555.81	226,013	421.14	55,312	397.51	218,580	717.43
1992	531,993	619.85	212,684	464.73	47,444	517.52	225,266	726.64
1993	563,044	605.67	217,853	643.41	60,542	687.89	228,789	937.01
1994:								
1st quarter	61,745	728.45	16,780	513.35	3,164	686.16	31,389	753.48
2d quarter	140,589	738.40	53,486	584.75	7,907	701.53	69,144	815.26
3d quarter	167,647	759.17	63,422	624.89	14,575	614.00	75,340	825.43
4th quarter								
1994 total and average value								
TO JAPAN								
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	103,328	596.55
1987	301,200	595.03	142,786	491.34	11,677	390.68	130,116	678.69
1988	321,655	644.34	137,983	563.71	18,871	435.59	142,422	718.39
1989	489,188	560.47	201,145	478.00	21,396	465.88	228,074	637.74
1990	439,291	632.94	171,198	481.74	28,479	440.68	199,692	782.91
1991	364,987	632.15	137,515	489.62	19,836	447.87	182,066	750.06
1992	354,398	697.71	116,016	559.74	21,936	537.52	174,459	750.71
1993	379,234	898.98	119,343	735.02	25,690	664.34	189,109	980.78
1994:								
1st quarter	42,166	800.27	3,426	614.13	2,133	716.83	26,481	744.95
2d quarter	106,097	808.48	34,960	654.26	1,896	627.11	59,869	861.48
3d quarter	139,017	782.16	45,561	637.78	10,175	628.11	70,051	818.79
4th quarter								
1994 total and average value								
TO PEOPLE'S REPUBLIC OF CHINA								
1983	15,591	305.18	5,247	285.69	0	—	10,344	315.06
1984	0	—	0	—	0	—	0	—
1985	2,113	352.58	1,860	331.18	0	—	253	513.83
1986	0	—	0	—	0	—	0	—
1987	19,602	296.09	2,061	183.41	0	—	17,541	309.33
1988	9,267	327.61	601	361.06	0	—	8,666	325.41
1989	6,998	271.36	0	—	0	—	6,998	271.36
1990	4,163	561.85	3,299	500.45	0	—	864	797.45
1991	21,813	506.12	1,325	286.79	0	—	20,489	520.28
1992	33,661	592.73	2,745	336.98	0	—	30,917	615.42
1993	19,068	777.80	1,464	717.21	0	—	17,605	782.85
1994:								
1st quarter	3,379	951.17	0	—	0	—	3,379	951.17
2d quarter	6,280	406.85	1,715	145.19	0	—	4,565	505.15
3d quarter	0	—	0	—	0	—	0	—
4th quarter								
1994 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 30--Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1993

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

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

Table 30—Volume and average value of log exports by port, species, and destination, Seattle Customs District, 1993 (continued)

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

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

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

Source: U.S. Department of Commerce.

Table 31—Volume and average value of log exports by port, species, and destination, Seattle Customs District, third quarter 1994

(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	51,564	923.19	47,038	943.34	3,778	722.84	748	667.68	0	—
Redcedar	775	828.26	146	1,158.24	0	—	629	751.55	0	—
Hemlock	32,653	662.43	27,043	670.57	106	375.60	5,504	627.97	0	—
Spruce	2,005	458.21	921	528.33	1,084	398.64	0	—	0	—
Other softwoods	270	525.18	250	523.41	0	—	19	548.29	0	—
All softwoods	87,266	812.87	75,398	839.46	4,968	644.70	6,900	643.31	0	—
Anacortes:										
Douglas-fir	2,493	962.15	2,493	962.15	0	—	0	—	0	—
Hemlock	1,323	790.76	1,323	790.76	0	—	0	—	0	—
All softwoods	3,816	902.73	3,816	902.73	0	—	0	—	0	—
Everett:										
Douglas-fir	29,233	940.52	29,223	940.46	0	—	10	1,113.22	0	—
Hemlock	9,430	642.83	7,052	698.63	0	—	2,379	477.42	0	—
Spruce	314	651.14	265	671.94	0	—	49	539.15	0	—
Other softwoods	821	778.31	821	778.31	0	—	0	—	0	—
All softwoods	39,799	864.35	37,361	889.34	0	—	2,438	481.38	0	—
All hardwoods	633	1,294.12	633	1,294.12	0	—	0	—	0	—
Red alder	16	478.17	16	478.17	0	—	0	—	0	—
Port Angeles:										
Douglas-fir	8,746	951.18	8,746	951.18	0	—	0	—	0	—
Hemlock	2,268	766.50	2,268	766.50	0	—	0	—	0	—
Spruce	398	642.48	398	642.48	0	—	0	—	0	—
All softwoods	11,412	903.70	11,412	903.70	0	—	0	—	0	—
Seattle:										
Douglas-fir	35	3,360.97	35	3,360.97	0	—	0	—	0	—
Port-Orford-cedar	11	4,530.00	0	—	0	—	0	—	0	—
Redcedar	46	1,069.54	0	—	0	—	46	1,069.54	0	—
Hemlock	55	639.70	0	—	0	—	0	—	0	—
Spruce	214	469.73	154	398.56	0	—	17	1,294.29	0	—
Other softwoods	433	963.97	53	1,132.76	0	—	313	906.36	0	—
All softwoods	792	968.01	242	983.70	0	—	376	943.85	0	—
All hardwoods	1,845	1,842.56	385	2,375.82	27	1,673.18	621	1,913.20	0	—
Red alder	562	1,624.19	140	2,083.85	0	—	9	1,480.89	0	—

Table 31—Volume and average value of log exports by port, species, and destination, Seattle Customs District, third quarter 1994 (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	70,442	991.81	64,076	1,011.41	3,877	747.60	2,483	865.30	0	—
Redcedar	224	1,123.54	200	1,167.64	0	—	0	—	13	959.23
Hemlock	18,468	740.29	14,871	773.77	0	—	3,582	601.64	15	663.71
Spruce	221	912.64	221	912.64	0	—	0	—	0	—
Other softwoods	2,523	735.04	2,364	756.21	0	—	0	—	0	—
All softwoods	91,877	834.33	81,731	960.91	3,877	747.60	6,065	709.59	28	809.57
All hardwoods	885	1,154.69	657	1,057.06	0	—	5	4,809.54	0	—
Red alder	428	1,517.12	235	1,696.81	0	—	0	—	0	—
Other ports:^a										
Douglas-fir	111	618.80	27	613.31	0	—	0	—	85	620.53
Redcedar	36	1,955.29	0	—	0	—	0	—	36	1,955.29
Hemlock	101	375.75	101	375.75	0	—	0	—	0	—
Other softwoods	440	414.25	0	—	0	—	0	—	440	414.25
All softwoods	689	522.28	127	425.57	0	—	0	—	561	544.23
All hardwoods	538	2,110.72	5	1,214.86	0	—	0	—	148	362.54
Red alder	352	2,796.70	0	—	0	—	0	—	0	—
Total:										
Douglas-fir	162,625	958.44	151,638	972.81	7,656	735.38	3,242	820.51	85	620.53
Port-Orford-cedar	11	4,530.00	0	—	0	—	0	—	0	—
Redcedar	1,081	937.28	346	1,163.67	0	—	675	773.20	49	1,687.29
Hemlock	64,297	687.76	52,657	710.06	106	375.60	11,465	588.51	15	663.71
Spruce	3,152	533.33	1,959	604.02	1,084	398.64	66	732.97	0	—
Other softwoods	4,486	720.94	3,489	750.42	0	—	332	885.65	440	414.25
All softwoods	235,651	874.45	210,088	900.13	8,846	689.81	15,779	650.92	589	556.60
All hardwoods	3,901	1,634.58	1,679	1,448.83	27	1,673.18	626	1,937.72	148	362.54
Red alder	1,358	1,880.73	391	1,785.82	0	—	9	1,480.89	0	—

^a Blaine, Lynden, and Sumas.

Source: U.S. Department of Commerce.

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

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

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

Source: U.S. Department of Commerce.

Table 33—Volume and average value of log exports by port, species, and destination, Columbia-Snake Customs District, third quarter 1994

(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	780	899.36	780	899.36	0	—	0	—	0	—
Hemlock	4,254	638.09	759	785.35	0	—	3,494	606.10	0	—
Other softwoods	4,118	651.54	1,023	848.87	0	—	3,095	566.33	0	—
All softwoods	9,151	666.41	2,562	845.43	0	—	6,589	596.81	0	—
Coos Bay:										
Douglas-fir	25,674	1,034.04	25,583	1,036.02	0	—	0	—	0	—
Port-Orford-cedar	1,198	5,251.81	1,198	5,251.81	0	—	0	—	0	—
Hemlock	1,439	920.05	1,439	920.05	0	—	0	—	0	—
Other softwoods	18	2,038.50	18	2,038.50	0	—	0	—	0	—
All softwoods	28,328	1,207.21	28,237	1,209.57	0	—	0	—	0	—
Longview (Washington):										
Douglas-fir	110,592	1,017.97	110,585	1,018.01	0	—	8	470.99	0	—
Redcedar	16	1,180.82	16	1,180.82	0	—	0	—	0	—
Hemlock	9,801	798.45	8,887	805.73	0	—	914	727.64	0	—
Spruce	4	1,305.77	4	1,305.77	0	—	0	—	0	—
Other softwoods	2,044	935.73	1,658	1,045.24	0	—	386	464.83	0	—
All softwoods	122,457	999.05	121,150	1,002.84	0	—	1,308	648.65	0	—
Newport:										
Douglas-fir	850	1,006.43	850	1,006.43	0	—	0	—	0	—
Portland:										
Douglas-fir	21,263	1,185.95	21,257	1,185.72	0	—	0	—	0	—
Hemlock	508	867.79	508	867.79	0	—	0	—	0	—
Spruce	6	2,684.44	0	—	0	—	0	—	6	2,684.44
Other softwoods	211	1,118.68	60	1,330.18	0	—	134	1,104.77	17	475.65
All softwoods	21,987	1,178.37	21,824	1,178.72	0	—	134	1,104.77	23	1,054.65
Red alder	466	2,499.01	49	1,569.79	0	—	19	1,446.74	78	1,467.26
All hardwoods	891	2,074.74	180	1,320.66	40	1,407.08	23	1,905.00	281	1,571.89
Total:										
Douglas-fir	159,159	1,042.36	159,055	1,042.67	0	—	8	470.99	0	—
Port-Orford-cedar	1,198	5,251.81	1,198	5,251.81	0	—	0	—	0	—
Redcedar	16	1,180.82	16	1,180.82	0	—	0	—	0	—
Hemlock	16,001	768.95	11,592	821.30	0	—	4,409	631.30	0	—
Spruce	9	2,171.45	4	1,305.77	0	—	0	—	6	2,684.44
Other softwoods	6,390	761.67	2,758	984.97	0	—	3,615	592.59	17	475.65
All softwoods	182,774	1,036.27	174,623	1,055.96	0	—	8,031	613.73	23	1,054.65
Red alder	466	2,499.01	49	1,569.79	0	—	19	1,446.74	78	1,467.26
All hardwoods	891	2,074.74	180	1,320.66	40	1,407.08	23	1,905.00	281	1,571.89

Source: U.S. Department of Commerce.

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

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

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

Source: U.S. Department of Commerce.

**Table 35—Volume and average value of log exports by port, species, and destination,
San Francisco Customs District, third quarter 1994**

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Oakland:										
Douglas-fir	400	475.52	0	—	0	—	0	—	0	—
Other softwoods	974	539.44	0	—	0	—	0	—	48	1,060.96
All softwoods	1,374	520.85	0	—	0	—	0	—	48	1,060.96
Red alder	175	2,435.52	0	—	0	—	0	—	0	—
All hardwoods	876	1,674.56	27	2,944.79	0	—	64	1,961.37	23	2,011.06
Sacramento:										
Douglas-fir	570	904.42	570	904.42	0	—	0	—	0	—
Other softwoods	1,732	905.25	1,732	905.25	0	—	0	—	0	—
All softwoods	2,303	905.04	2,303	905.04	0	—	0	—	0	—
Total:										
Douglas-fir	970	727.71	570	904.42	0	—	0	—	0	—
Other softwoods	2,706	773.61	1,732	905.25	0	—	0	—	48	1,060.96
All softwoods	3,676	761.50	2,303	905.04	0	—	0	—	48	1,060.96
Red alder	175	2,435.52	0	—	0	—	0	—	0	—
All hardwoods	876	1,674.56	27	2,944.79	0	—	64	1,961.37	23	2,011.06

Source: U.S. Department of Commerce.

**Table 36—Volume and average value of log exports by port, species, and destination,
Anchorage Customs District, 1993**

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

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

Source: U.S. Department of Commerce.

**Table 37—Volume and average value of log exports by port, species, and destination,
Anchorage Customs District, third quarter 1994**

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Anchorage:										
Hemlock	15,697	635.04	8,164	552.01	0	—	7,533	725.04	0	—
Spruce	43,816	725.42	39,801	710.07	0	—	4,015	877.58	0	—
Other softwoods	395	717.36	395	717.36	0	—	0	—	0	—
All softwoods	59,908	701.69	48,360	683.45	0	—	11,548	778.08	0	—
Dalton Cache:										
Hemlock	138	490.83	138	490.83	0	—	0	—	0	—
Spruce	1,081	679.51	1,081	679.51	0	—	0	—	0	—
All softwoods	1,219	658.22	1,219	658.22	0	—	0	—	0	—
Juneau:										
Hemlock	16,275	560.74	8,594	610.86	0	—	7,680	504.65	0	—
Spruce	8,568	751.24	8,568	751.24	0	—	0	—	0	—
All softwoods	24,843	626.44	17,163	680.94	0	—	7,680	504.65	0	—
Ketchikan:										
Redcedar	14,069	608.95	9,670	621.45	0	—	1,275	415.28	0	—
Hemlock	31,313	653.73	28,665	670.97	0	—	2,242	418.32	298	784.46
Spruce	21,875	1,062.04	20,601	1,064.23	0	—	374	530.24	0	—
Other softwoods	13,916	1,165.60	12,833	1,219.03	0	—	0	—	0	—
All softwoods	81,172	843.75	71,770	875.18	0	—	3,891	428.08	298	784.46
Wrangell:										
Redcedar	506	754.01	506	754.01	0	—	0	—	0	—
Total:										
Redcedar	14,575	613.98	10,175	628.04	0	—	1,275	415.28	0	—
Hemlock	63,422	624.89	45,561	637.77	0	—	17,455	588.67	298	784.46
Spruce	75,340	825.43	70,051	818.79	0	—	4,389	848.01	0	—
Other softwoods	14,311	1,153.23	13,228	1,204.05	0	—	0	—	0	—
All softwoods	167,647	759.16	139,017	782.16	0	—	23,119	628.34	298	784.46

Source: U.S. Department of Commerce.

Table 38—Volume and average value of hardwood log exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94

(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								
1983	4,442	562.01	374	456.83	0	—	241	947.33
1984	5,918	835.80	537	1,900.04	0	—	302	2,153.28
1985	4,024	951.03	1,090	1,178.25	0	—	234	1,389.62
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	552.67	2,172	836.66
1988	32,102	657.72	2,900	874.14	489	543.71	1,988	820.14
1989	36,719	833.74	4,900	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	1,580.85
1991	95,879	385.09	6,005	979.35	0	—	4,832	1,807.66
1992	26,975	1,207.04	1,355	1,780.15	77	2,662.34	3,099	2,219.43
1993:								
1st quarter	8,147	1,745.43	358	2,455.31	0	—	1,356	2,115.04
2d quarter	13,371	1,369.23	809	1,831.89	0	—	1,409	2,455.84
3d quarter	4,299	1,288.48	255	1,497.05	31	483.87	284	2,687.73
4th quarter	5,898	1,288.97	1,639	1,595.49	0	—	1,058	2,488.66
1993 total	31,684	1,439.43	3,060	1,750.65	31	483.87	4,087	2,379.74
1994:								
1st quarter	8,396	1,437.11	838	1,767.30	0	—	1,117	1,944.48
2d quarter	9,784	1,707.80	1,940	1,967.01	0	—	1,212	2,201.32
3d quarter	3,859	1,647.32	891	2,075.20	0	—	878	1,675.80
4th quarter								
1994 total								
TO JAPAN								
1983	1,256	731.22	229	356.40	0	—	81	1,627.05
1984	3,290	390.31	398	1,893.16	0	—	218	1,989.82
1985	968	1,038.10	438	1,854.32	0	—	90	1,899.82
1986	2,833	1,150.47	1,569	777.84	0	—	32	1,674.06
1987	2,978	952.28	843	845.68	29	716.69	282	895.42
1988	13,084	566.19	1,832	704.69	31	803.23	1,387	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	2,084	1,466.57	7	1,285.71	2,887	1,598.45
1991	14,115	1,335.81	2,983	1,272.70	0	—	2,030	1,845.32
1992	13,844	1,341.52	651	1,668.20	0	—	1,418	2,423.84
1993:								
1st quarter	5,819	1,811.35	142	2,387.32	0	—	849	1,986.82
2d quarter	6,511	1,741.51	181	2,375.69	0	—	774	2,379.85
3d quarter	2,375	1,158.32	96	1,049.90	31	483.87	26	1,730.77
4th quarter	4,248	1,183.94	1,326	1,554.30	0	—	539	2,209.65
1993 total	18,752	1,562.18	1,745	1,679.66	31	483.87	2,188	2,182.36
1994:								
1st quarter	4,289	1,744.23	508	1,578.77	0	—	445	2,110.11
2d quarter	6,219	1,753.66	910	1,927.47	0	—	313	1,718.85
3d quarter	1,638	1,473.14	180	1,316.67	0	—	27	3,000.00
4th quarter								
1994 total								
TO PEOPLE'S REPUBLIC OF CHINA								
1983	0	—	100	225.00	0	—	0	—
1984	0	—	0	—	0	—	0	—
1985	0	—	59	253.61	0	—	0	—
1986	7	2,271.43	0	—	0	—	0	—
1987	0	—	1,000	390.00	0	—	0	—
1988	0	—	0	—	0	—	0	—
1989	6	1,500.00	0	—	0	—	0	—
1990	8	1,375.00	0	—	0	—	0	—
1991	4	2,000.00	0	—	0	—	0	—
1992	612	351.31	0	—	0	—	0	—
1993:								
1st quarter	0	—	0	—	0	—	0	—
2d quarter	528	454.55	0	—	0	—	0	—
3d quarter	0	—	0	—	0	—	0	—
4th quarter	8	4,000.00	8	2,000.00	0	—	67	3,000.00
1993 total	536	507.46	8	2,000.00	0	—	67	3,000.00
1994:								
1st quarter	0	—	0	—	0	—	120	1,791.67
2d quarter	5	1,800.00	43	1,385.35	0	—	14	1,857.14
3d quarter	27	1,703.70	40	1,400.00	0	—	0	—
4th quarter								
1994 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 39—Volume and average value of alder log exports from the Seattle Customs District, 1990-94

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

Year and quarter	Destination							
	All countries		Japan		South Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1990	6,347	411.22	2,202	550.86	2,689	315.36	1,382	340.09
1991	6,174	421.45	2,072	663.61	3,505	249.93	507	477.32
1992	3,237	472.66	824	447.82	1,345	446.10	357	627.45
1993:								
1st quarter	1,393	517.61	535	371.96	714	401.96	0	—
2d quarter	2,154	505.11	257	474.71	1,351	501.14	19	2,000.00
3d quarter	495	612.12	323	502.33	142	797.46	0	—
4th quarter	486	614.83	327	473.47	159	905.66	0	—
1993 total	4,529	532.38	1,442	442.39	2,330	516.26	19	2,000.00
1994:								
1st quarter	904	540.93	136	500.00	768	549.48	0	—
2d quarter	1,413	1,941.63	358	1,874.00	29	1,428.69	484	1,255.35
3d quarter	1,359	1,880.75	391	1,785.39	9	1,475.24	518	1,369.81
4th quarter								
1994 total								

Source: U.S. Department of Commerce.

Table 40—Volume and average value of log exports from southern California ports by species, 1983-94

(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
1983	674	424.33	0	—	31	451.61	643	578.54
1984	2,618	364.02	4	500.00	624	285.26	1,990	388.44
1985	1,992	384.54	9	444.44	779	281.13	1,204	451.00
1986	5,772	402.81	75	213.33	2,151	265.92	3,546	489.85
1987	7,542	602.76	1,480	381.08	2,554	386.45	3,508	853.76
1988	14,442	675.05	781	432.78	3,907	317.64	9,754	837.50
1989	13,546	929.65	240	504.17	4,262	540.59	9,044	1,138.01
1990	13,434	1,230.83	36	444.44	4,322	576.35	9,076	1,545.61
1991	7,683	1,146.04	204	539.22	2,834	689.49	4,645	1,451.24
1992	9,874	1,289.95	82	548.78	3,809	651.09	5,983	1,706.84
1993:								
1st quarter	1,485	1,829.63	54	703.70	331	767.37	1,100	2,204.55
2d quarter	2,120	1,401.42	114	798.25	348	617.82	1,658	1,607.73
3d quarter	1,176	1,766.26	75	874.21	315	698.41	785	2,280.28
4th quarter	2,263	1,222.71	126	730.16	1,332	707.96	805	2,037.27
1993 total	7,044	1,523.00	370	775.68	2,326	702.06	4,348	1,959.75
1994:								
1st quarter	2,586	1,128.00	155	754.84	1,414	543.14	1,017	1,998.03
2d quarter	4,582	1,056.31	370	775.68	2,326	702.06	1,886	1,548.25
3d quarter	4,045	986.40	6	545.45	2,825	699.82	1,214	1,653.34
4th quarter								
1994 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 41—Volume and average value of softwood log exports to Canada from the Great Falls Customs District, 1983-94^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
1983	625	262.78	0	—	614	259.23
1984	714	262.77	34	476.85	74	250.50
1985	475	267.38	49	336.90	426	259.38
1986	105	281.20	17	484.53	88	241.92
1987	98	255.10	27	241.78	71	259.59
1988	78	410.26	50	460.00	28	321.43
1989	688	375.00	55	400.00	633	372.83
1990	219	342.47	115	460.87	104	211.54
1991	759	270.09	586	247.44	173	346.82
1992	1,093	239.71	353	226.63	740	245.95
1993:						
1st quarter	1,089	267.22	427	234.19	662	288.52
2d quarter	657	277.02	251	274.90	406	278.33
3d quarter	139	216.06	0	—	139	216.06
4th quarter	1,428	272.41	1,314	262.56	114	385.96
1993 total and average value	3,313	269.54	1,992	258.53	1,321	286.15
1994:						
1st quarter	257	291.83	102	441.18	155	193.55
2d quarter	111	423.42	28	642.86	83	349.40
3d quarter	207	304.35	132	287.88	75	333.33
4th quarter						
1994 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 42—Volume of log exports from British Columbia ports by species and destination, 1983-93

(In thousand board feet, British Columbia log scale)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1983	481,377	124,489	179,137	22,565	54,900	52,679	47,607
1984	^a 705,487	132,718	382,809	41,112	80,871	54,293	^a 13,684
1985	532,955	29,892	264,322	31,625	81,719	114,189	11,208
1986	569,372	3,953	299,775	6,845	119,476	118,843	20,480
1987	750,438	7,093	383,776	7,108	129,074	190,094	33,293
1988	624,967	6,711	392,428	9,845	111,038	80,817	24,128
1989	429,514	4,260	273,068	6,821	57,572	72,053	15,740
1990	177,528	4,592	104,437	4,194	39,934	17,307	7,064
1991	169,470	1,391	117,638	2,009	41,082	5,496	1,854
1992	252,058	8,319	173,805	4,403	54,292	8,673	2,566
1993	226,783	1,251	142,592	5,414	42,492	30,829	4,206
TO JAPAN							
1983	241,211	55,266	103,641	20,320	39,997	21,716	271
1984	^a 406,680	88,349	174,230	29,619	69,434	39,208	^a 5,840
1985	321,464	12,573	164,618	13,431	54,897	75,021	924
1986	398,124	475	216,119	3,741	96,488	79,779	1,522
1987	553,785	6,135	291,356	6,283	105,503	140,699	3,809
1988	419,249	2,649	287,439	4,923	82,759	34,150	7,329
1989	257,020	1,987	185,541	5,320	49,360	11,523	3,289
1990	157,616	2,053	99,205	3,775	38,896	13,046	640
1991	154,879	662	109,735	1,413	39,161	3,709	199
1992	203,518	5,996	142,566	2,920	50,509	664	863
1993	121,997	569	86,049	3,092	31,567	450	270
TO UNITED STATES							
1983	112,505	11,310	59,440	961	11,777	25,649	3,368
1984	^a 110,263	8,167	73,102	6,867	8,426	8,752	^a 4,979
1985	95,515	1,004	30,073	12,961	23,988	25,124	2,365
1986	55,765	255	27,750	1,852	8,759	15,153	1,996
1987	51,065	0	24,216	758	7,663	15,937	2,491
1988	154,658	3,289	52,031	4,702	20,684	70,464	3,488
1989	121,744	1,854	60,927	1,347	7,263	49,978	375
1990	8,389	2,517	1,258	177	706	3,687	44
1991	5,916	508	1,921	331	971	1,656	530
1992	37,345	2,124	23,230	996	3,473	7,412	111
1993	84,506	655	47,117	1,178	7,510	27,037	1,008
TO PEOPLE'S REPUBLIC OF CHINA							
1983	110,354	57,913	0	0	3,096	5,286	44,059
1984	^a 171,705	35,869	122,460	0	3,001	6,333	^a 4,102
1985	98,273	16,259	58,288	768	2,224	13,377	7,357
1986	80,613	3,133	38,842	5	8,942	14,061	15,630
1987	85,470	260	31,451	0	3,005	25,170	25,584
1988	60,927	684	34,172	0	1,700	14,945	9,426
1989	18,631	0	10,596	0	0	5,519	2,517
1990	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	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 43—Average value of log exports from British Columbia ports by species and destination, 1985-93

(In dollars per thousand board feet, Canadian dollars)

Year	Total, all species	Douglas- fir	Hemlock	Cedar	Spruce	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1985	296.64	335.08	272.25	367.51	333.84	307.88	183.65
1986	315.94	272.45	293.29	350.34	383.37	323.05	209.84
1987	411.43	402.14	394.49	1,154.26	473.53	412.21	204.85
1988	504.35	NA	NA	NA	NA	NA	219.70
1989	455.63	NA	NA	NA	NA	NA	338.67
1990	671.44	NA	NA	NA	NA	NA	NA
1991	643.77	NA	NA	NA	NA	NA	NA
1992	710.15	NA	NA	NA	NA	NA	NA
1993	738.99	917.62	733.79	1,520.09	1,010.97	295.09	362.36
TO JAPAN							
1985	330.47	400.65	290.43	346.46	409.90	346.30	274.18
1986	357.35	406.42	326.85	434.02	407.33	376.84	294.77
1987	472.72	433.40	441.43	1,168.66	521.12	476.05	317.68
1988	531.90	NA	NA	NA	NA	NA	245.97
1989	521.36	NA	NA	NA	NA	NA	382.16
1990	555.78	NA	NA	NA	NA	NA	NA
1991	484.25	NA	NA	NA	NA	NA	NA
1992	612.23	NA	NA	NA	NA	NA	NA
1993	920.46	970.40	845.95	1,891.57	1,035.64	684.64	366.35
TO UNITED STATES							
1985	210.20	337.89	162.83	404.41	164.29	210.41	157.27
1986	180.66	182.59	148.48	202.62	285.73	177.65	169.25
1987	290.76	—	286.10	1,046.32	366.34	250.65	130.17
1988	404.76	NA	NA	NA	NA	NA	188.55
1989	395.09	NA	NA	NA	NA	NA	164.34
1990	3,230.42	NA	NA	NA	NA	NA	NA
1991	4,969.57	NA	NA	NA	NA	NA	NA
1992	1,293.35	NA	NA	NA	NA	NA	NA
1993	556.16	808.73	591.46	1,321.05	1,150.62	294.54	436.44
TO PEOPLE'S REPUBLIC OF CHINA							
1985	269.84	284.39	275.99	377.60	278.19	277.21	161.75
1986	247.97	252.36	251.35	252.20	285.44	272.81	194.88
1987	233.56	234.50	267.08	—	229.42	232.40	193.96
1988	NA	NA	NA	NA	NA	NA	190.01
1989	NA	NA	NA	NA	NA	NA	195.32
1990	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—

NA = not available.

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

Table 44—Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1983-94

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

Year and quarter	Volume	Average value
1983	76,674	225.58
1984	65,067	135.12
1985	48,654	275.97
1986	27,864	155.47
1987	52,188	244.51
1988	40,522	300.31
1989	5,797	470.59
1990	8,142	323.38
1991	2,581	595.51
1992	27,368	507.49
1993:		
1st quarter	18,745	500.56
2d quarter	9,941	685.02
3d quarter	15,446	390.78
4th quarter	25,724	335.21
1993 total and average value	69,856	441.65
1994:		
1st quarter	15,755	711.03
2d quarter	6,600	853.76
3d quarter	7,006	548.98
4th quarter		
1994 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 45—Volume and average value of pulpwood imports from Canada into the Seattle Customs District, 1983-94

Year and quarter	Chipped pulpwood		Roundwood pulpwood	
	Volume	Average value	Volume	Average value
	Short tons ^a	Dollars	Cords ^b	Dollars
1983	1,427,490	24.32	0	—
1984	1,503,698	22.66	0	—
1985	727,446	27.48	0	—
1986	701,586	25.91	85	124.73
1987	465,858	29.88	8,320	146.34
1988	809,747	40.12	20,899	133.88
1989	753,239	33.75	26,030	76.14
1990	682,264	30.18	0	—
1991	630,798	33.19	0	—
1992	501,228	31.25	0	—
1993:				
1st quarter	88,172	38.53	0	—
2d quarter	65,029	39.81	0	—
3d quarter	65,416	40.33	0	—
4th quarter	43,395	41.09	0	—
1993 total and average value	262,011	39.72	0	—
1994:				
1st quarter	22,829	43.98	0	—
2d quarter	6,538	40.99	0	—
3d quarter	61,490	36.93	0	—
4th quarter				
1994 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 46--Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94

(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								
1983	118.4	360.4	19.5	87.5	238.1	4.5	8.1	271.8
1984	107.2	348.1	24.6	97.0	177.4	34.2	14.9	315.9
1985	108.1	359.4	15.6	80.2	192.7	6.9	14.9	279.5
1986	152.7	468.5	6.4	79.6	220.7	7.5	3.1	348.8
1987	147.6	460.2	10.8	94.1	253.1	26.7	2.7	324.8
1988	199.1	508.8	14.6	100.5	275.4	30.8	1.4	368.0
1989	186.4	635.8	1.4	138.0	280.7	22.0	.9	372.7
1990	138.9	409.9	.3	131.8	274.7	43.8	.4	356.4
1991	120.6	424.9	4.3	174.5	278.3	17.1	10.2	353.9
1992	116.8	328.7	17.8	174.0	286.7	20.5	1.4	364.2
1993:								
1st quarter	26.8	74.5	6.7	28.3	70.9	3.0	.1	84.9
2d quarter	20.5	71.9	.7	28.0	42.6	1.6	.1	38.1
3d quarter	18.5	65.8	4.3	25.8	62.5	.3	.3	22.9
4th quarter	15.8	85.6	3.8	18.0	33.3	.3	.1	8.8
1993 total	81.5	297.8	15.4	96.1	209.3	5.2	.5	134.6
1994:								
1st quarter	23.2	77.6	5.2	19.5	38.3	0.0	.1	19.5
2d quarter	17.2	88.9	2.1	28.1	48.3	0.0	.2	29.1
3d quarter	31.5	110.1	4.2	36.5	52.4	0.0	1.1	45.5
4th quarter								
1994 total								
TO JAPAN								
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	8.3	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	168.0
1989	45.1	113.4	0.0	59.1	111.2	9.6	.1	173.9
1990	49.0	77.5	.1	58.4	92.5	18.6	.4	154.2
1991	46.7	103.6	.5	55.4	100.1	8.3	8.9	144.2
1992	44.1	56.1	7.9	79.5	91.4	10.5	1.1	170.4
1993:								
1st quarter	10.4	13.1	5.6	15.9	29.0	3.0	0.0	32.4
2d quarter	10.3	10.0	.7	12.3	21.9	1.6	.1	30.6
3d quarter	9.2	20.5	.6	8.8	35.6	.3	.3	12.6
4th quarter	6.2	15.9	2.5	13.9	9.6	.3	0.0	8.3
1993 total	36.2	59.4	9.4	50.9	96.2	5.2	.4	83.9
1994:								
1st quarter	8.1	20.0	4.4	9.1	6.3	0.0	0.0	2.3
2d quarter	9.0	23.3	2.1	11.7	2.2	0.0	.2	2.7
3d quarter	12.3	28.0	4.0	11.9	10.9	0.0	1.1	3.2
4th quarter								
1994 total								

Table 46--Volume of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94 (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								
1983	17.9	42.2	0.0	1.2	2.8	0.0	.7	21.8
1984	4.8	49.2	0.0	3.8	.2	0.0	.4	28.3
1985	8.8	65.5	0.0	.5	.4	0.0	0.0	45.5
1986	14.5	100.9	0.0	0.0	8.1	0.0	0.0	45.3
1987	18.4	91.8	0.0	2.7	0.0	2.5	0.0	38.2
1988	22.2	112.8	0.0	.3	0.0	8.8	0.0	44.9
1989	17.8	143.0	0.0	3.1	0.0	9.4	0.0	58.3
1990	8.0	110.0	0.0	15.8	0.0	13.2	0.0	72.9
1991	3.3	122.1	0.0	18.1	0.0	4.2	0.0	61.4
1992	1.1	118.0	0.0	2.5	0.0	0.0	0.0	92.1
1993:								
1st quarter	.4	21.8	0.0	.4	0.0	0.0	0.0	18.3
2d quarter	.4	28.4	0.0	.4	0.0	0.0	0.0	2.3
3d quarter	.1	18.3	0.0	.1	0.0	0.0	0.0	5.8
4th quarter	0.0	22.8	0.0	.2	0.0	0.0	0.0	0.0
1993 total	.8	91.1	0.0	1.1	0.0	0.0	0.0	24.4
1994:								
1st quarter	.1	19.4	0.0	0.0	0.0	0.0	0.0	8.8
2d quarter	.1	18.4	0.0	.9	0.0	0.0	0.0	10.3
3d quarter	.1	27.0	0.0	0.0	0.0	0.0	0.0	13.2
4th quarter								
1994 total								
TO WESTERN EUROPE								
1983	42.5	94.3	0.0	48.8	8.8	4.1	0.0	84.7
1984	55.9	85.8	3.2	38.5	2.2	8.3	0.0	115.3
1985	51.0	88.7	0.0	30.0	8.1	2.2	0.0	80.5
1986	67.8	81.0	0.0	34.4	8.8	0.0	0.0	84.1
1987	82.3	88.4	0.0	45.1	7.9	0.0	0.0	88.0
1988	88.8	54.0	0.0	45.4	10.2	0.0	0.0	88.8
1989	83.1	88.9	1.4	70.0	10.8	.9	.1	81.1
1990	52.9	54.8	.2	44.0	10.2	1.3	.1	80.8
1991	48.1	81.1	2.8	80.5	11.7	0.0	.5	88.8
1992	48.0	38.1	4.4	48.4	42.8	4.9	0.0	83.2
1993:								
1st quarter	10.2	14.4	0.0	4.4	11.8	0.0	0.0	13.4
2d quarter	8.8	4.1	0.0	4.7	.5	0.0	0.0	1.7
3d quarter	5.5	4.9	3.7	13.0	8.4	0.0	0.0	4.4
4th quarter	5.5	10.8	0.0	.8	3.7	0.0	.1	.1
1993 total	28.0	34.2	3.7	23.0	22.4	0.0	.1	19.5
1994:								
1st quarter	8.2	4.7	.9	8.2	11.2	0.0	.1	8.4
2d quarter	2.8	8.2	0.0	8.0	3.4	0.0	0.0	10.5
3d quarter	8.0	10.8	0.0	12.3	4.2	0.0	0.0	11.9
4th quarter								
1994 total								

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

Source: U.S. Department of Commerce.

Table 47--Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94

(Value in dollars per short tons)

Year and quarter	Seattle Customs District		Columbia-Snake Customs District		Anchorage Customs District		San Francisco Customs District	
	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades	Dissolving grade	Paper grades
TO ALL COUNTRIES								
1983	473.02	328.64	431.28	347.78	481.88	282.69	527.93	337.97
1984	523.76	372.82	429.65	389.87	447.84	418.11	532.27	409.87
1985	458.97	312.27	428.87	291.35	377.76	344.96	538.89	336.08
1986	486.77	301.67	456.80	329.80	392.53	359.42	328.19	378.18
1987	525.85	409.04	529.85	434.83	469.22	481.69	456.14	503.33
1988	551.84	459.21	640.72	522.56	605.36	516.46	574.69	603.67
1989	608.47	480.30	485.10	597.16	732.18	631.30	501.55	681.14
1990	691.59	503.98	797.78	573.57	624.88	458.11	785.00	581.84
1991	737.85	425.42	626.54	448.73	557.12	410.41	786.86	443.70
1992	655.23	404.04	584.13	397.98	539.74	422.99	592.67	418.26
1993:								
1st quarter	676.08	381.34	720.02	375.10	543.08	396.62	490.20	335.59
2d quarter	710.69	364.98	694.20	326.17	525.67	388.65	454.55	345.26
3d quarter	653.91	336.11	724.12	502.73	528.15	394.83	757.40	326.26
4th quarter	774.41	295.83	582.67	365.71	499.07	321.03	684.21	346.02
1993 average	698.80	337.81	687.51	394.44	528.08	390.08	685.34	337.42
1994:								
1st quarter	698.63	277.53	731.12	446.41	484.10	-	754.72	344.03
2d quarter	686.53	348.02	704.58	413.98	482.77	-	810.57	457.14
3d quarter	671.18	393.28	687.08	450.43	602.96	-	817.29	515.38
4th quarter								
1994 average								
TO JAPAN								
1983	569.44	365.81	429.94	338.21	512.49	302.83	510.67	353.11
1984	597.40	396.02	472.98	376.02	495.80	439.83	539.79	414.52
1985	537.86	378.67	428.32	271.28	413.59	313.46	552.99	361.19
1986	463.07	307.62	460.45	322.82	416.24	359.42	328.43	395.21
1987	534.00	474.94	529.85	441.44	480.87	487.52	489.04	505.16
1988	595.19	581.95	640.80	521.46	590.48	482.40	590.07	607.50
1989	636.65	517.82	-	682.67	741.49	665.72	766.28	702.32
1990	763.51	591.60	960.00	537.55	671.57	490.81	801.62	598.37
1991	786.10	481.83	858.49	444.95	614.33	459.76	761.80	452.87
1992	733.27	457.02	626.99	413.12	589.78	444.60	732.71	417.85
1993:								
1st quarter	750.24	458.22	718.05	400.73	568.34	396.62	-	335.51
2d quarter	713.38	445.50	694.20	369.84	580.20	388.65	454.55	348.66
3d quarter	580.46	350.24	708.34	403.20	564.71	394.83	757.40	339.64
4th quarter	783.97	410.74	530.74	397.51	562.49	321.03	-	338.24
1993 average	702.28	406.16	688.17	382.76	578.17	390.08	715.01	341.19
1994:								
1st quarter	731.23	303.98	728.95	420.03	513.56	-	-	353.80
2d quarter	655.20	393.56	704.58	418.63	511.88	-	862.94	476.87
3d quarter	708.84	409.89	679.57	479.62	541.92	-	817.29	477.16
4th quarter								
1994 average								

Table 47—Average value of pulp exports by selected grades from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94 (continued)

(Value in dollars per short tons)

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

Year and quarter	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								
1983	401.13	303.74	—	311.49	556.73	—	566.87	344.53
1984	346.42	348.50	—	376.97	506.33	—	471.03	419.82
1985	376.24	292.04	—	302.17	429.71	—	428.57	285.56
1986	425.65	299.79	—	—	341.70	—	—	385.67
1987	481.66	436.80	—	367.06	—	482.12	—	502.21
1988	568.99	471.83	—	555.22	—	558.07	380.95	622.67
1989	674.04	442.78	—	591.67	—	611.10	—	649.82
1990	718.22	426.73	—	474.61	—	444.77	—	534.47
1991	641.21	340.32	—	376.65	—	350.00	—	425.72
1992	584.94	342.51	—	405.45	—	—	—	414.92
1993:								
1st quarter	582.80	303.24	—	357.70	—	—	—	303.94
2d quarter	601.99	299.50	—	331.43	—	—	—	313.65
3d quarter	430.62	263.72	—	272.73	—	—	—	286.26
4th quarter	—	234.93	—	276.66	—	—	—	—
1993 average	594.39	287.50	—	321.59	—	—	—	300.67
1994:								
1st quarter	772.73	246.20	—	—	—	—	—	326.02
2d quarter	660.47	278.45	—	385.81	—	—	—	417.65
3d quarter	707.07	379.71	—	—	—	—	—	488.51
4th quarter	—	—	—	—	—	—	—	—
1994 average	—	—	—	—	—	—	—	—
TO WESTERN EUROPE								
1983	477.64	352.34	—	354.56	380.60	280.47	—	326.76
1984	502.26	362.02	139.30	384.23	405.44	377.19	—	403.50
1985	468.72	336.36	—	314.13	373.00	411.13	—	348.08
1986	498.99	363.35	—	359.73	363.52	—	—	369.95
1987	526.01	448.10	—	436.02	470.74	—	—	517.13
1988	505.93	526.66	590.91	547.15	567.33	—	—	589.47
1989	517.24	618.06	479.44	549.09	729.24	359.46	773.56	715.89
1990	626.75	614.01	806.00	636.75	671.18	246.92	453.72	627.00
1991	708.69	451.95	677.69	463.96	564.27	—	705.91	463.42
1992	624.81	446.01	619.62	425.42	549.95	351.65	—	462.36
1993:								
1st quarter	560.57	335.09	—	287.25	560.73	—	—	358.76
2d quarter	720.39	355.34	—	306.05	545.46	—	—	375.45
3d quarter	769.23	391.00	727.25	429.45	529.46	—	—	340.32
4th quarter	782.74	244.32	—	306.67	517.73	—	655.06	811.53
1993 average	684.26	316.90	727.25	372.36	544.36	—	655.06	356.55
1994:								
1st quarter	669.43	240.46	742.16	443.04	506.06	—	754.72	362.88
2d quarter	758.11	364.93	—	395.96	545.96	—	—	506.73
3d quarter	740.25	396.94	—	460.30	560.06	—	—	604.50
4th quarter	—	—	—	—	—	—	—	—
1994 average	—	—	—	—	—	—	—	—

Source: U.S. Department of Commerce.

Table 48—Volume and average value of chips exported from the Seattle, Columbia-Snake, San Francisco, and Anchorage Customs Districts, 1983-94

(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
1983	247,935	74.24	1,668,971	68.17	350,587	66.82	6,645	34.67
1984	216,089	76.89	1,632,815	70.96	331,257	71.41	16,525	46.51
1985	276,054	76.16	1,626,490	74.22	302,147	71.31	0	—
1986	446,226	73.97	1,577,739	72.02	256,981	71.77	0	—
1987	464,426	79.06	1,852,920	72.75	208,247	75.49	252	45.52
1988	681,811	89.24	2,015,988	78.06	282,497	82.43	11,505	48.67
1989	800,563	85.20	2,252,282	96.73	339,158	87.28	85,866	42.16
1990	744,397	95.51	2,081,199	95.84	412,625	98.42	28,283	75.38
1991	681,161	103.10	2,141,958	104.73	462,808	101.21	101,397	78.01
1992	583,141	101.28	1,766,502	106.84	357,731	99.21	15,509	21.73
1993:								
1st quarter	173,528	97.20	379,056	106.71	64,864	99.18	0	—
2d quarter	125,783	106.57	397,364	105.71	92,275	108.33	17,641	113.38
3d quarter	174,342	89.29	347,428	102.97	70,767	98.15	21,008	104.67
4th quarter	114,912	90.89	421,056	101.81	102,983	91.35	17,641	113.37
1993 total and average	588,564	95.63	1,544,904	104.28	330,890	99.08	56,289	110.13
1994:								
1st quarter	165,675	76.61	337,688	101.98	95,232	87.01	42,092	104.13
2d quarter	129,913	82.57	361,109	102.68	101,549	97.30	6,610	104.08
3d quarter	268,569	70.70	486,706	103.70	101,379	92.39	9,807	116.75
4th quarter								
1994 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 49--Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^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												
1983	1,022,055	512,979	295,409	213,667	552,677	152,294	223,282	177,091	469,378	360,685	72,117	36,576
1984	849,509	486,419	257,828	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	184,485	134,115	481,614	320,794	117,679	43,141
1986	1,151,529	484,348	452,610	234,571	747,311	183,338	355,484	188,508	404,218	271,010	87,146	36,082
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	792,868	588,075	436,410	1,046,560	329,752	425,728	291,080	770,593	462,916	162,347	145,330
1989	1,844,049	946,438	536,438	461,071	1,002,337	348,094	368,319	287,923	941,712	598,447	170,119	173,148
1990	1,579,283	742,779	402,129	434,379	886,186	300,135	292,547	293,507	693,095	442,844	109,582	140,668
1991	1,430,094	725,821	370,899	333,574	790,851	271,001	253,770	235,880	689,443	454,620	117,129	97,694
1992	1,177,408	657,232	281,582	238,584	617,086	244,463	209,446	163,177	580,322	412,769	72,136	75,417
1993:												
1st qtr.	307,570	167,078	70,145	70,347	159,247	62,467	51,307	45,473	148,323	104,611	18,838	24,874
2d qtr.	307,081	172,737	65,852	68,482	160,753	58,368	49,269	52,116	146,328	113,369	16,583	16,376
3d qtr.	244,107	136,630	38,501	68,978	130,844	50,158	32,285	48,201	113,484	88,472	8,216	20,776
4th qtr.	216,031	128,366	37,571	52,064	131,043	63,882	28,333	38,828	84,988	62,514	9,238	13,236
1993 total	1,074,789	602,641	212,069	259,879	581,887	235,875	161,194	184,818	493,102	366,968	50,875	75,261
1994:												
1st qtr.	234,178	133,728	43,870	56,578	127,764	55,400	34,956	37,408	106,412	78,328	8,914	19,170
2d qtr.	221,829	126,320	41,520	54,089	124,851	53,259	32,926	38,666	97,078	73,061	8,594	15,423
3d qtr.	244,107	140,606	51,043	52,456	135,950	61,778	38,760	35,414	108,157	78,830	12,283	17,044
4th qtr.												
1994 total												
TO JAPAN												
1983	448,042	113,869	254,524	79,649	315,750	57,802	191,152	66,796	132,282	56,067	63,372	12,853
1984	414,272	99,847	229,242	85,183	246,218	45,998	141,411	58,841	168,054	53,881	87,831	26,342
1985	472,120	97,528	281,675	92,917	266,871	30,830	172,205	63,736	205,249	66,598	109,470	29,181
1986	672,409	129,385	424,528	118,498	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	208,625	331,889	153,470	398,268	169,330	180,389	68,550
1990	867,738	284,288	369,605	213,844	587,367	157,198	264,835	165,334	280,371	127,080	104,770	48,510
1991	845,420	311,702	341,555	192,163	517,843	151,785	229,415	136,643	327,577	159,917	112,140	55,520
1992	740,179	360,757	250,751	128,671	430,596	153,808	185,514	91,474	309,583	207,149	65,237	37,197
1993:												
1st qtr.	210,891	108,519	63,616	38,756	107,393	36,643	45,183	25,567	103,498	71,876	18,433	13,189
2d qtr.	199,776	97,037	56,066	46,673	115,318	39,678	40,884	34,556	84,458	57,159	15,182	12,117
3d qtr.	147,292	75,867	30,527	40,888	88,628	30,950	25,481	32,186	58,668	44,917	5,046	8,703
4th qtr.	154,596	84,968	33,656	35,973	92,419	40,163	25,113	27,143	62,178	44,805	8,543	8,830
1993 total	712,555	366,361	183,865	162,300	403,756	147,633	136,661	119,482	308,801	218,758	47,204	42,839
1994:												
1st qtr.	165,349	92,987	39,521	32,841	92,291	38,467	30,831	22,993	73,058	54,520	8,690	9,848
2d qtr.	153,874	81,197	37,783	34,994	88,044	33,994	29,571	24,479	65,930	47,203	8,212	10,515
3d qtr.	169,246	87,188	46,810	35,438	94,942	37,304	34,701	22,937	74,304	49,894	11,909	12,501
4th qtr.												
1994 total												

Table 49—Volume of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^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												
1983	170,763	72,133	9,733	88,897	170,763	72,133	9,733	88,897	0	0	0	0
1984	109,979	45,625	7,559	56,795	109,979	45,625	7,559	56,795	0	0	0	0
1985	118,951	52,845	6,127	59,979	118,936	52,830	6,127	59,979	15	15	0	0
1986	151,009	59,174	9,948	81,887	151,009	59,174	9,948	81,887	0	0	0	0
1987	153,809	55,492	11,112	87,205	153,809	55,492	11,112	87,205	0	0	0	0
1988	196,084	86,295	19,800	89,989	196,084	86,295	19,800	89,989	0	0	0	0
1989	210,978	102,218	18,073	90,686	210,978	102,218	18,073	90,686	0	0	0	0
1990	207,397	110,752	16,086	80,559	207,397	110,752	16,086	80,559	0	0	0	0
1991	149,900	91,000	9,041	49,859	149,900	91,000	9,041	49,859	0	0	0	0
1992	118,418	72,951	6,667	38,800	118,418	72,951	6,667	38,800	0	0	0	0
1993:												
1st qtr.	35,634	20,844	2,710	12,080	35,634	20,844	2,710	12,080	0	0	0	0
2d qtr.	28,162	15,523	1,364	11,275	28,162	15,523	1,364	11,275	0	0	0	0
3d qtr.	25,817	15,911	2,208	7,498	25,817	15,911	2,208	7,498	0	0	0	0
4th qtr.	28,338	20,111	868	7,359	28,338	20,111	868	7,359	0	0	0	0
1993 total	117,751	72,389	7,150	38,212	117,751	72,389	7,150	38,212	0	0	0	0
1994:												
1st qtr.	26,807	14,272	2,115	10,420	26,807	14,272	2,115	10,420	0	0	0	0
2d qtr.	26,479	16,724	1,323	8,432	26,479	16,724	1,323	8,432	0	0	0	0
3d qtr.	31,754	21,642	1,708	8,404	31,754	21,642	1,708	8,404	0	0	0	0
4th qtr.												
1994 total												
TO PEOPLE'S REPUBLIC OF CHINA												
1983	7,402	7,402	0	0	0	0	0	0	7,402	7,402	0	0
1984	43,564	34,208	8	9,350	0	0	0	0	43,564	34,208	8	9,350
1985	17,490	13,998	2,808	684	89	0	0	89	17,401	13,998	2,808	595
1986	5,282	3,028	2,178	78	2,178	0	2,178	0	3,104	3,028	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	4,560	0	162	4,418	363	0	162	201	4,217	0	0	4,217
1991	226	0	0	226	226	0	0	226	0	0	0	0
1992	6,309	290	3,403	2,616	290	290	0	0	6,019	0	3,403	2,616
1993:												
1st qtr.	73	0	73	0	73	0	73	0	0	0	0	0
2d qtr.	293	225	22	46	293	225	22	46	0	0	0	0
3d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
4th qtr.	48	0	48	0	48	0	48	0	0	0	0	0
1993 total	414	225	143	46	414	225	143	46	0	0	0	0
1994:												
1st qtr.	89	0	0	89	89	0	0	89	0	0	0	0
2d qtr.	182	0	175	7	182	0	175	7	0	0	0	0
3d qtr.	0	0	0	0	0	0	0	0	0	0	0	0
4th qtr.												
1994 total												

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

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

Figure 5--Lumber exports from Seattle and Columbia-Snake Customs Districts, 1983-93

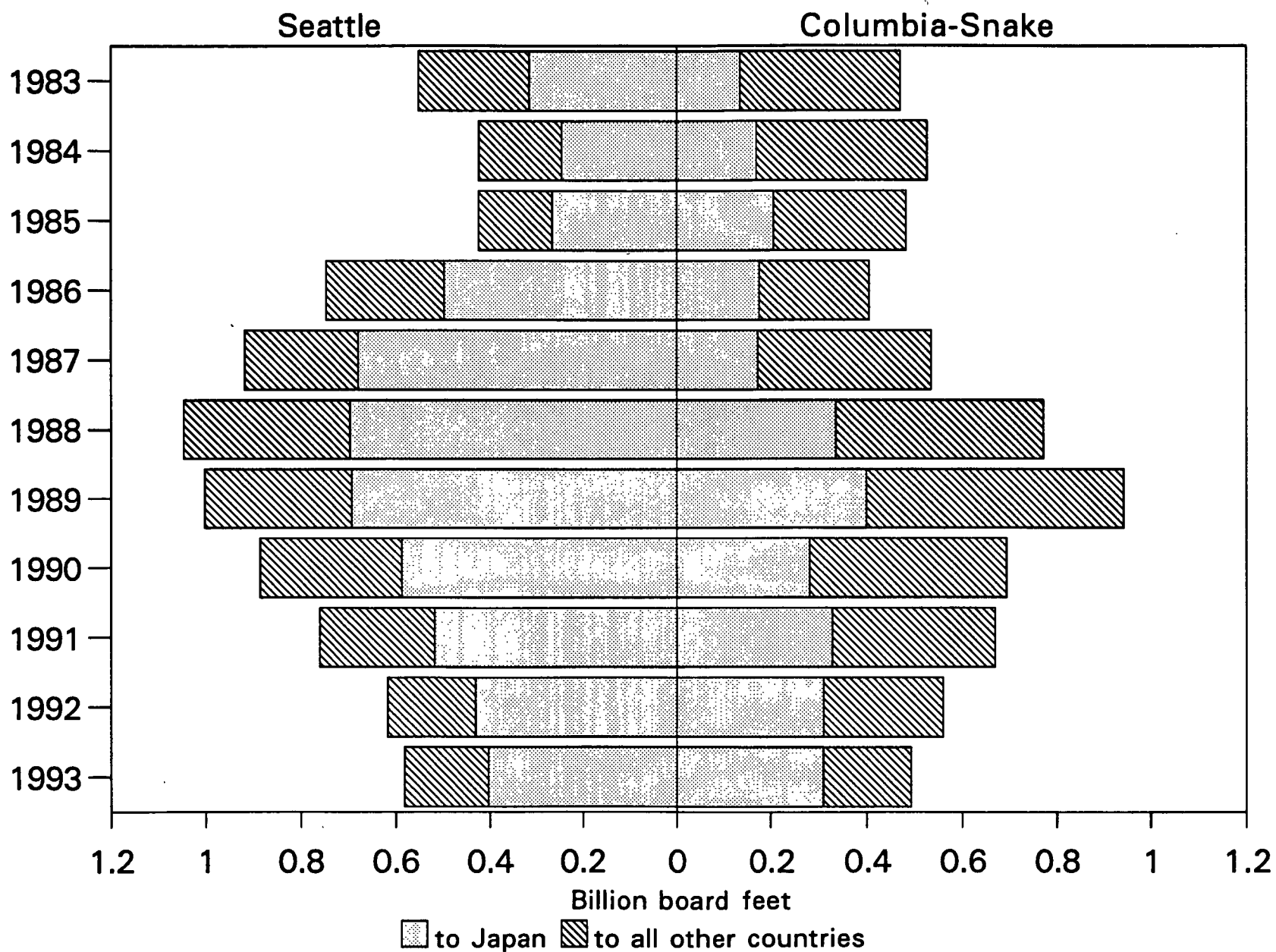


Table 50—Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^a

(In thousands of dollars)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO ALL COUNTRIES												
1983	363,007	206,037	90,489	66,481	166,469	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	187,993	151,525	24,909	21,560
1985	303,107	158,988	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	88,882	157,523	72,649	243,890	179,080	37,847	27,183
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	485,909	220,835	189,015	399,183	133,667	147,991	117,525	478,575	332,241	72,844	71,490
1990	788,650	409,898	170,927	187,857	378,309	130,918	121,773	123,618	392,341	278,948	49,154	64,239
1991	728,343	412,591	159,009	154,743	341,786	128,028	107,831	106,107	384,577	284,563	51,378	48,636
1992	651,239	398,453	121,724	131,062	303,276	129,432	87,059	86,785	347,963	269,021	34,665	44,277
1993:												
1st qtr.	180,811	105,645	34,127	40,839	85,862	36,132	24,257	25,473	94,749	69,513	9,870	15,368
2d qtr.	205,932	126,101	37,236	42,595	97,552	39,193	28,186	30,193	108,380	86,908	9,070	12,402
3d qtr.	184,789	104,288	22,110	38,373	74,972	33,118	17,818	24,036	89,797	71,168	4,282	14,337
4th qtr.	148,787	94,651	22,742	31,394	78,996	41,547	16,678	20,771	69,791	53,104	6,064	10,623
1993 total	700,098	430,682	116,215	153,201	337,382	149,990	86,919	100,473	362,716	280,692	29,296	52,728
1994:												
1st qtr.	166,804	104,433	27,695	34,678	79,574	37,252	21,697	20,625	87,230	67,181	5,998	14,051
2d qtr.	163,718	105,027	27,589	31,102	79,289	38,951	21,484	18,874	84,429	66,076	8,125	12,228
3d qtr.	172,153	110,001	33,470	28,682	87,079	44,861	25,415	16,803	85,074	65,140	8,055	11,879
4th qtr.												
1994 total												
TO JAPAN												
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	44,468	133,059	44,777	165,304	26,505	104,771	34,028	56,999	17,981	28,288	10,749
1987	302,166	68,370	178,838	56,957	239,752	51,987	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	84,405	176,562	76,372	68,304	31,888
1990	382,983	126,576	156,635	99,751	250,943	69,069	109,698	72,176	132,020	57,507	46,937	27,575
1991	385,925	142,635	147,131	96,159	229,858	68,819	97,849	63,290	155,967	73,816	49,282	32,869
1992	377,565	192,118	110,223	75,224	210,113	80,231	78,756	51,126	167,452	111,887	31,467	24,068
1993:												
1st qtr.	117,419	61,514	31,436	24,469	57,435	20,258	21,843	15,334	59,984	41,256	9,593	9,135
2d qtr.	130,681	67,837	32,720	30,104	71,675	26,548	24,392	20,735	58,686	41,289	8,328	9,369
3d qtr.	93,601	51,612	18,773	23,218	52,293	21,412	15,254	15,627	41,308	30,200	3,519	7,589
4th qtr.	101,917	57,748	21,053	23,116	56,642	25,978	15,527	15,137	45,275	31,770	5,526	7,979
1993 total	443,597	238,711	103,961	100,905	238,045	94,196	77,015	66,834	205,552	144,515	26,966	34,071
1994:												
1st qtr.	117,049	69,283	25,822	21,944	60,252	27,110	20,032	13,110	56,797	42,173	5,790	8,834
2d qtr.	112,786	67,864	25,898	19,026	58,263	28,279	20,097	9,887	54,523	39,585	5,799	9,139
3d qtr.	119,313	69,941	31,136	18,236	63,630	31,021	23,272	9,537	55,483	38,920	7,864	8,699
4th qtr.												
1994 total												

Table 50--Value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^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												
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	2,068	13,821	31,648	15,729	2,068	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	88,430	43,723	3,730	18,977	88,430	43,723	3,730	18,977	-	-	-	-
1992	57,077	37,773	2,923	16,381	57,077	37,773	2,293	16,381	-	-	-	-
1993:												
1st qtr.	18,307	12,939	1,069	5,299	18,307	12,939	1,069	5,299	-	-	-	-
2d qtr.	15,360	9,685	750	4,925	15,360	9,685	750	4,925	-	-	-	-
3d qtr.	13,357	9,220	811	3,326	13,357	9,220	811	3,326	-	-	-	-
4th qtr.	15,922	12,466	406	3,050	15,922	12,466	406	3,050	-	-	-	-
1993 total	63,948	44,310	3,036	16,600	63,948	44,310	3,036	16,600	-	-	-	-
1994:												
1st qtr.	13,121	7,977	958	4,186	13,121	7,977	958	4,186	-	-	-	-
2d qtr.	13,599	8,593	713	4,293	13,599	8,593	713	4,293	-	-	-	-
3d qtr.	16,824	11,475	1,128	4,223	16,824	11,475	1,128	4,223	-	-	-	-
4th qtr.												
1994 total												
TO PEOPLE'S REPUBLIC OF CHINA												
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	3,699	732	383	41	-	-	41	4,743	3,699	732	341
1986	1,077	655	407	18	407	-	407	-	670	655	-	16
1987	2,792	2,635	-	157	244	57	-	157	2,548	2,548	-	-
1988	1,950	-	41	1,909	41	-	41	-	1,909	-	-	1,909
1989	3,990	25	178	3,759	240	4	77	159	3,720	21	99	3,900
1990	1,936	-	60	1,876	120	-	60	60	1,818	-	-	1,818
1991	115	-	-	115	115	-	-	115	-	-	-	-
1992	2,740	106	1,485	1,137	106	106	-	-	2,632	-	1,485	1,137
1993:												
1st qtr.	26	-	26	-	26	-	26	-	-	-	-	-
2d qtr.	103	83	5	15	103	83	5	15	-	-	-	-
3d qtr.	-	-	-	-	-	-	-	-	-	-	-	-
4th qtr.	32	-	32	-	32	-	32	-	-	-	-	-
1993 total	161	83	63	15	161	83	63	15	-	-	-	-
1994:												
1st qtr.	27	-	-	27	27	-	-	27	-	-	-	-
2d qtr.	62	-	71	11	62	-	71	11	-	-	-	-
3d qtr.	-	-	-	-	-	-	-	-	-	-	-	-
4th qtr.												
1994 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 51—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^a

(In dollars per thousand board feet)

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods	Total	Douglas-fir	Western hemlock	Other soft-woods
TO ALL COUNTRIES												
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	258.55	381.65
1985	334.58	372.74	294.82	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	298.18	408.41
1987	388.08	448.59	344.17	343.82	345.31	370.78	343.77	321.88	456.08	485.78	345.85	420.01
1988	383.85	440.63	355.20	319.32	346.21	363.75	348.28	323.32	434.96	485.40	373.35	311.29
1989	429.67	448.10	411.67	409.65	364.37	302.90	403.99	408.18	508.07	555.17	428.19	412.88
1990	486.71	551.80	425.06	432.48	424.64	436.20	416.25	421.18	598.07	630.19	448.56	458.02
1991	507.90	568.90	428.71	463.98	449.31	472.43	424.13	449.84	574.47	625.94	438.65	497.84
1992	553.11	606.26	432.29	548.31	481.47	529.45	415.66	531.85	621.01	651.75	480.55	587.10
1993:												
1st qtr.	587.22	632.31	488.52	580.54	539.18	578.42	472.78	560.18	638.80	684.49	523.94	617.75
2d qtr.	670.61	730.02	565.45	621.90	606.84	660.17	571.68	579.34	740.67	766.56	546.95	757.33
3d qtr.	674.99	763.27	574.27	556.32	573.67	660.27	551.90	486.66	791.42	823.02	680.48	690.08
4th qtr.	688.73	748.84	605.31	602.99	602.83	650.37	588.84	534.95	821.19	849.47	656.42	802.58
1993 average	651.36	714.42	548.01	569.51	560.01	635.89	539.22	544.22	735.56	764.90	575.84	700.60
1994:												
1st qtr.	712.30	780.94	631.30	612.89	622.82	672.42	620.69	551.35	819.74	857.69	672.87	732.97
2d qtr.	737.70	831.44	664.47	625.02	635.07	731.35	651.89	488.13	869.70	904.39	712.71	782.84
3d qtr.	705.24	782.34	655.72	546.76	640.52	726.19	655.70	474.47	786.58	826.34	655.78	696.96
4th qtr.												
1994 average												
TO JAPAN												
1983	307.05	293.92	303.49	337.21	310.94	278.08	310.68	340.15	297.76	310.26	261.80	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	318.90	309.71	284.35	311.73	316.57	296.89	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	458.46	457.90	430.77	500.40	444.07	453.40	426.52	463.16	476.12	461.59	439.47	592.02
1992	510.10	532.54	439.57	584.62	487.96	522.31	424.53	558.91	540.90	540.13	482.35	647.85
1993:												
1st qtr.	556.78	566.85	494.15	631.36	534.81	552.85	483.43	599.76	579.57	573.99	520.43	692.62
2d qtr.	654.04	699.08	583.60	645.00	621.54	665.73	596.62	600.04	698.41	722.35	548.54	773.21
3d qtr.	635.48	680.30	614.96	567.66	592.05	691.83	566.64	485.39	704.12	672.35	697.42	872.00
4th qtr.	659.25	679.64	625.53	642.59	612.88	646.81	618.29	557.68	728.15	709.07	646.85	903.62
1993 average	622.54	651.52	565.53	621.72	589.58	638.04	563.55	559.48	685.65	680.62	571.27	795.33
1994:												
1st qtr.	707.69	745.08	653.37	668.19	652.85	704.78	649.74	570.17	777.42	773.53	686.28	897.03
2d qtr.	732.50	835.79	685.39	543.69	661.75	831.88	679.62	403.90	826.98	838.61	708.16	899.14
3d qtr.	704.97	802.09	668.01	514.59	672.31	831.57	670.64	415.79	746.70	780.05	680.34	696.86
4th qtr.												
1994 average												

Table 51—Average value of softwood lumber exports from Seattle and Columbia-Snake Customs Districts by species and destination, 1983-94^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												
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	298.13	287.82	342.38	230.43	298.09	287.74	342.38	230.43	580.00	580.00	—	—
1986	288.74	324.25	334.44	220.88	288.74	324.25	334.44	220.88	—	—	—	—
1987	278.27	338.68	355.65	231.25	278.27	338.68	355.65	231.25	—	—	—	—
1988	324.13	354.08	350.05	289.72	324.13	354.08	350.05	289.72	—	—	—	—
1989	384.72	389.50	380.04	337.73	384.72	389.50	380.04	337.73	—	—	—	—
1990	379.68	378.21	429.50	371.74	379.68	378.21	429.50	371.74	—	—	—	—
1991	443.18	480.47	412.57	380.61	443.18	480.47	412.57	380.61	—	—	—	—
1992	482.00	517.79	438.43	422.19	482.00	517.79	438.43	422.19	—	—	—	—
1993:												
1st qtr.	541.81	620.75	384.47	438.68	541.81	620.75	384.47	438.68	—	—	—	—
2d qtr.	545.42	623.91	549.85	436.81	545.42	623.91	549.85	436.81	—	—	—	—
3d qtr.	521.41	579.47	387.30	443.59	521.41	579.47	387.30	443.59	—	—	—	—
4th qtr.	581.88	619.88	487.74	414.48	581.88	619.88	487.74	414.48	—	—	—	—
1993 average	543.08	612.11	424.82	434.42	543.08	612.11	424.82	434.42	—	—	—	—
1994:												
1st qtr.	489.48	558.93	452.98	401.73	489.48	558.93	452.98	401.73	—	—	—	—
2d qtr.	513.58	513.81	538.93	508.13	513.58	513.81	538.93	508.13	—	—	—	—
3d qtr.	529.82	530.22	659.25	502.50	529.82	530.22	659.25	502.50	—	—	—	—
4th qtr.												
1994 average												
TO PEOPLE'S REPUBLIC OF CHINA												
1983	321.62	321.62	—	—	—	—	—	—	321.62	321.62	—	—
1984	273.48	280.85	353.33	319.68	—	—	—	—	273.48	280.85	353.33	319.68
1985	273.54	282.14	280.70	559.48	484.35	—	—	484.35	272.56	282.14	280.70	573.71
1986	203.90	218.48	188.87	205.13	188.87	—	188.87	—	215.85	218.48	—	205.13
1987	301.28	288.28	—	382.59	388.69	439.39	—	382.59	285.04	285.04	—	—
1988	384.66	—	347.48	395.81	347.48	—	347.48	—	385.81	—	—	385.81
1989	408.67	380.83	582.30	403.63	432.43	400.00	354.84	484.78	407.23	388.89	1,020.62	400.67
1990	422.71	—	370.37	424.63	330.58	—	370.37	288.51	430.64	—	—	430.64
1991	508.85	—	—	508.85	508.85	—	—	508.85	—	—	—	—
1992	434.30	372.41	439.32	434.63	372.41	372.41	—	—	437.28	—	439.32	434.63
1993:												
1st qtr.	356.18	—	356.18	—	356.18	—	356.18	—	—	—	—	—
2d qtr.	351.54	368.89	227.27	326.09	351.54	368.89	227.27	326.09	—	—	—	—
3d qtr.	—	—	—	—	—	—	—	—	—	—	—	—
4th qtr.	688.67	—	688.67	—	688.67	—	688.67	—	—	—	—	—
1993 average	388.89	368.89	440.56	326.09	388.89	368.89	440.56	326.09	—	—	—	—
1994:												
1st qtr.	303.37	—	—	303.37	303.37	—	—	303.37	—	—	—	—
2d qtr.	450.55	—	405.71	1,571.43	450.55	—	405.71	1,571.43	—	—	—	—
3d qtr.	—	—	—	—	—	—	—	—	—	—	—	—
4th qtr.	—	—	—	—	—	—	—	—	—	—	—	—
1994 average												

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

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

Table 52—Volume and average value of softwood lumber exports from southern California ports by species and destination, 1983-94^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						
1983	134,834	70.80	2,903	328.24	132,331	65.51
1984	78,630	244.78	2,979	277.81	75,651	243.49
1985	95,765	284.83	2,087	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	288.59	151,606	240.23
1988	260,543	242.85	2,635	331.69	257,908	241.94
1989	250,680	368.28	4,251	368.38	246,429	366.22
1990	335,648	320.29	17,058	327.18	318,590	319.82
1991	478,086	287.15	29,197	317.80	448,889	283.87
1992	223,870	637.44	44,288	372.31	179,582	702.82
1993:						
1st quarter	43,783	875.98	3,800	508.42	39,983	910.91
2d quarter	37,177	719.42	4,281	498.18	32,896	748.09
3d quarter	40,816	706.78	5,146	596.77	35,670	722.65
4th quarter	54,802	631.31	8,318	584.30	46,484	639.78
1993 total and average value	176,378	728.08	21,542	557.00	154,836	751.88
1994:						
1st quarter	48,488	626.38	6,497	529.78	42,001	641.32
2d quarter	39,201	761.92	5,092	496.27	34,109	801.58
3d quarter	33,133	497.00	6,252	414.75	26,881	516.13
4th quarter						
1994 total and average value						
TO JAPAN						
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	613.88	21	608.52	585	608.84
1988	3,719	222.37	28	846.15	3,693	217.98
1989	10,361	409.81	1,050	318.10	9,311	420.15
1990	11,785	423.88	725	384.83	11,040	426.45
1991	8,884	442.37	113	566.37	8,771	440.77
1992	4,601	553.58	601	357.74	4,000	583.00
1993:						
1st quarter	1,568	362.25	14	785.71	1,554	358.43
2d quarter	988	562.09	28	775.19	960	556.37
3d quarter	853	658.85	7	1,571.43	846	851.30
4th quarter	2,028	683.43	1,397	645.67	831	787.04
1993 total and average value	5,435	584.87	1,444	653.74	3,991	532.45
1994:						
1st quarter	919	449.40	148	371.82	771	464.33
2d quarter	359	442.80	74	702.70	285	375.44
3d quarter	908	575.99	362	599.45	546	580.44
4th quarter						
1994 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 53—Volume and average value of softwood lumber exports from northern California ports by species and destination, 1983-94^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								
1983	43,280	484.93	18,583	480.71	5,819	333.87	19,078	488.21
1984	23,213	495.46	10,280	459.45	817	405.19	12,336	529.91
1985	33,091	435.25	15,340	452.09	887	386.39	16,864	422.47
1986	43,281	448.49	16,795	497.29	4,914	407.20	21,572	419.90
1987	72,729	382.39	18,829	419.03	7,989	388.28	45,911	334.65
1988	115,820	303.56	24,821	325.49	18,881	347.55	71,918	284.48
1989	76,867	452.48	7,828	578.78	12,017	635.60	56,822	398.62
1990	74,568	550.02	7,268	595.21	11,977	672.98	55,323	517.47
1991	110,981	434.23	10,241	529.15	18,811	558.02	82,109	394.78
1992	83,538	493.81	8,334	661.27	14,281	508.08	60,923	468.03
1993	65,900	729.44	13,559	787.30	16,849	502.70	35,582	814.77
1994:								
1st quarter	11,784	952.39	1,562	822.66	3,958	529.08	6,264	1,252.23
2d quarter	8,209	894.38	572	928.57	3,515	504.41	4,122	1,222.48
3d quarter	8,478	758.02	675	1,042.66	3,137	438.84	4,668	933.35
4th quarter								
1994 total and average value								
TO JAPAN								
1983	22,157	373.83	2,233	312.58	5,414	335.43	14,510	397.66
1984	10,127	485.48	345	252.17	321	448.90	9,461	473.84
1985	14,794	389.69	282	282.41	708	347.46	13,804	394.45
1986	23,681	370.77	226	358.41	4,877	408.04	18,548	361.06
1987	49,227	332.18	508	268.77	7,355	401.09	41,366	320.70
1988	84,861	287.15	1,058	293.95	17,440	340.37	68,363	273.08
1989	94,275	431.24	684	629.52	10,802	653.40	52,609	383.31
1990	51,810	509.82	928	605.83	11,789	674.48	39,115	458.01
1991	49,084	521.39	3,900	418.21	18,604	556.08	26,580	512.27
1992	26,507	562.68	929	1,067.19	14,281	508.08	11,297	591.13
1993	28,036	601.63	292	811.64	16,679	495.23	9,065	790.62
1994:								
1st quarter	5,340	691.20	132	878.79	3,798	485.40	1,442	1,211.51
2d quarter	4,365	617.67	104	750.00	3,158	395.19	1,103	1,242.87
3d quarter	4,443	648.66	43	930.23	3,091	420.90	1,309	1,177.23
4th quarter								
1994 total and average value								
TO PEOPLE'S REPUBLIC OF CHINA								
1983	0	--	0	--	0	--	0	--
1984	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--
1986	0	--	0	--	0	--	0	--
1987	0	--	0	--	0	--	0	--
1988	95	673.68	0	--	0	--	95	673.68
1989	0	--	0	--	0	--	0	--
1990	0	--	0	--	0	--	0	--
1991	0	--	0	--	0	--	0	--
1992	0	--	0	--	0	--	0	--
1993	89	955.08	0	--	0	--	89	955.08
1994:								
1st quarter	47	484.84	0	--	0	--	47	484.84
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter								
1994 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 6--Lumber exports from San Francisco and Anchorage Customs Districts, 1983-93

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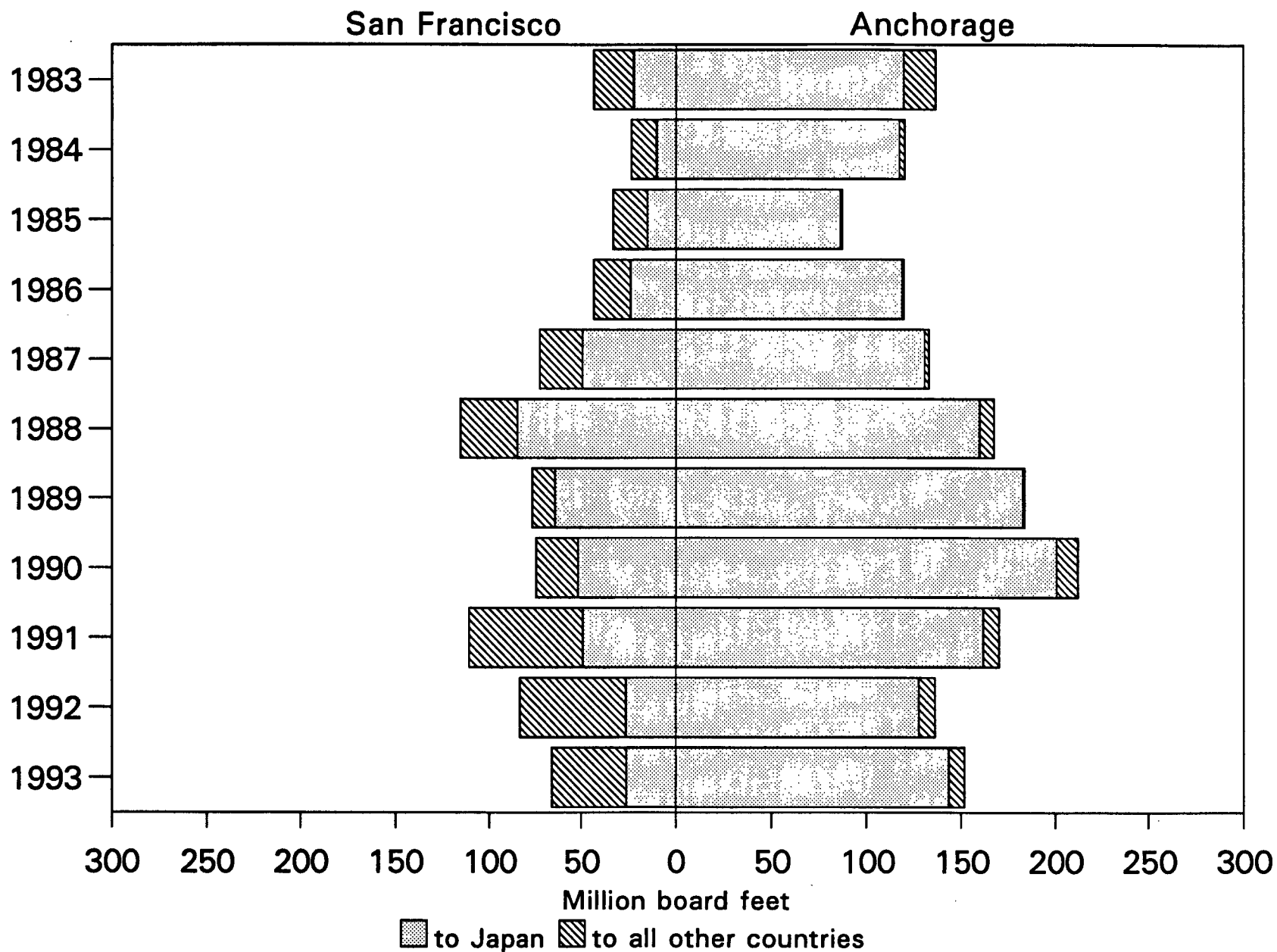


Table 54—Volume and average value of softwood lumber exports from Anchorage Customs District by species and destination, 1983-94

(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										
1983	136,660	330.05	70,791	256.23	64,193	414.20	0	—	1,676	223.75
1984	120,360	276.23	75,445	196.74	44,915	415.10	0	—	0	—
1985	87,127	264.64	59,426	219.80	27,701	361.76	0	—	0	—
1986	119,981	274.26	72,894	233.89	43,162	336.75	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	72,670	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	1,679	363.32
1992	136,556	481.40	81,363	363.55	52,036	629.62	575	366.52	2,582	280.40
1993	151,994	507.35	95,005	454.06	55,956	566.18	59	355.93	974	505.13
1994:										
1st quarter	33,066	499.56	19,826	421.21	13,143	618.35	0	—	0	—
2d quarter	20,883	632.52	12,550	444.14	8,077	639.21	0	—	256	191.41
3d quarter	29,060	561.18	16,363	460.44	12,687	661.26	0	—	0	—
4th quarter										
1994 total and average value										
TO JAPAN										
1983	118,662	319.78	64,250	249.14	53,614	407.20	0	—	1,596	215.69
1984	117,425	290.18	72,805	196.57	44,620	416.56	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	336.31	0	—	2,907	306.16
1987	130,676	296.57	79,318	240.94	47,919	366.14	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	376.20	106,055	333.46	71,854	453.20	2,532	209.72	2,215	279.91
1990	200,699	400.65	114,227	369.54	85,322	442.51	1,140	364.21	0	—
1991	161,649	415.65	90,749	370.90	66,072	480.02	2,863	364.91	1,965	362.34
1992	127,540	456.05	78,222	367.54	46,372	564.05	575	366.52	2,373	287.22
1993	143,557	494.00	92,075	456.94	50,915	556.36	0	—	567	587.30
1994:										
1st quarter	29,520	477.96	18,109	437.41	11,411	542.46	0	—	0	—
2d quarter	19,888	574.77	12,550	444.14	7,061	620.22	0	—	257	190.66
3d quarter	29,060	561.18	16,363	460.44	12,687	661.26	0	—	0	—
4th quarter										
1994 total and average value										
TO SOUTH KOREA										
1983	4,629	568.90	101	316.83	4,526	564.97	0	—	0	—
1984	0	—	0	—	0	—	0	—	0	—
1985	0	—	0	—	0	—	0	—	0	—
1986	918	343.14	0	—	0	—	918	343.14	0	—
1987	1,240	563.07	0	—	918	656.11	0	—	334	365.27
1988	1,924	1,378.90	188	1,117.02	1,243	1,627.51	0	—	493	851.93
1989	1,016	720.47	0	—	1,016	720.47	0	—	0	—
1990	6,006	424.56	0	—	2,143	900.14	3,862	160.80	0	—
1991	4,176	497.61	608	460.53	3,361	525.14	206	160.19	0	—
1992	6,020	1,134.66	525	499.05	5,496	1,195.42	0	—	0	—
1993	5,280	1,031.06	1,255	481.36	4,025	1,206.94	0	—	0	—
1994:										
1st quarter	998	1,735.47	0	—	998	1,735.47	0	—	0	—
2d quarter	998	1,784.14	0	—	998	1,784.14	0	—	0	—
3d quarter	0	—	0	—	0	—	0	—	0	—
4th quarter										
1994 total and average value										

Source: U.S. Department of Commerce.

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

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

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

Table 55—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, 1993 (continued)

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

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

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

Source: U.S. Department of Commerce.

Table 56—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, third quarter 1994

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Canada	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Aberdeen-Hoquiam:										
Douglas-fir	2,632	651.01	2,632	651.01	0	—	0	—	0	—
Other fir	49	760.90	49	760.90	0	—	0	—	0	—
Hemlock	9,022	687.03	9,022	687.03	0	—	0	—	0	—
Other softwoods	493	448.95	493	448.95	0	—	0	—	0	—
All softwoods	12,196	669.94	12,196	669.94	0	—	0	—	0	—
Port Angeles:										
All hardwoods	14	897.91	0	—	0	—	0	—	14	897.91
Seattle:										
Douglas-fir	17,904	894.09	16,491	877.99	0	—	0	—	0	—
Other firs	5,835	333.48	5,714	322.86	0	—	0	—	0	—
Cedars	1,347	360.89	1,205	326.19	0	—	33	549.67	0	—
Hemlock	15,979	702.71	14,328	739.52	0	—	28	700.63	0	—
Spruce	9,550	429.65	7,518	311.72	0	—	1,949	860.33	0	—
Pines	1,604	792.36	1,564	796.29	0	—	0	—	0	—
Redwood	414	825.99	149	1,074.41	0	—	0	—	0	—
Other softwoods	13,966	363.57	11,678	367.19	58	437.39	1,955	280.63	0	—
All softwoods	66,599	607.55	58,647	602.75	58	437.39	3,965	570.76	0	—
Red alder	2,643	1,009.83	1,333	1,277.94	0	—	334	639.56	0	—
All hardwoods	13,862	1,363.87	6,855	1,516.82	44	1,150.56	4,025	1,353.29	0	—
Tacoma:										
Douglas-fir	17,418	788.02	16,408	813.41	0	—	0	—	13	741.98
Other firs	2,342	680.47	2,342	680.47	0	—	0	—	0	—
Cedars	278	741.62	223	806.92	0	—	0	—	0	—
Hemlock	10,257	585.44	10,126	581.99	0	—	109	827.96	0	—
Spruce	631	684.42	627	670.54	0	—	0	—	0	—
Pines	157	610.17	133	523.56	0	—	0	—	0	—
Redwood	52	1,444.53	46	1,535.88	0	—	0	—	0	—
Other softwoods	9,367	497.97	9,155	497.24	0	—	13	1,141.94	0	—
All softwoods	40,502	661.64	39,061	668.89	0	—	122	861.75	13	741.98
Red alder	1,755	1,053.62	1,201	1,222.38	0	—	127	505.47	0	—
All hardwoods	2,661	1,115.03	1,772	1,253.86	0	—	233	893.31	0	—

Table 56—Volume and average value of lumber exports by port, species, and destination, Seattle Customs District, third quarter 1994 (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	23,822	563.09	1,773	836.03	0	—	0	—	21,630	530.07
Other firs	1,231	436.25	67	324.88	0	—	0	—	1,117	402.70
Cedars	3,651	409.16	103	587.81	0	—	0	—	3,548	404.00
Hemlock	3,503	566.16	1,225	476.79	0	—	0	—	1,708	659.28
Spruce	138	762.10	8	794.70	0	—	0	—	114	782.51
Pines	2,922	615.27	0	—	0	—	0	—	2,922	615.27
Redwood	197	883.68	30	779.46	0	—	0	—	40	709.81
Other softwoods	4,181	512.29	836	273.11	0	—	0	—	2,742	615.77
All softwoods	39,645	546.02	4,041	595.47	0	—	0	—	33,822	534.54
Red alder	1,097	1,235.45	36	1,369.58	0	—	0	—	117	921.27
All hardwoods	4,317	1,185.05	56	1,456.51	0	—	0	—	3,214	1,105.96
Total:										
Douglas-fir	61,776	726.18	37,304	831.58	0	—	0	—	21,642	530.20
Other firs	9,457	435.02	8,172	428.02	0	—	0	—	1,117	402.70
Cedars	5,275	414.33	1,531	413.86	0	—	33	549.67	3,548	404.00
Hemlock	38,760	655.69	34,701	670.63	0	—	137	801.94	1,708	659.28
Spruce	10,319	449.68	8,153	339.78	0	—	1,949	860.33	114	782.51
Pines	4,683	675.74	1,696	774.97	0	—	0	—	2,922	615.27
Redwood	664	891.70	225	1,129.70	0	—	0	—	40	709.81
Other softwoods	28,008	432.23	22,162	419.18	58	437.39	1,968	286.37	2,742	615.77
All softwoods	158,942	610.77	113,944	632.36	58	437.39	4,087	579.44	33,834	534.62
Red alder	5,494	1,068.84	2,570	1,253.27	0	—	461	602.71	117	921.27
All hardwoods	20,855	1,294.78	8,683	1,462.77	44	1,150.56	4,258	1,328.07	3,229	1,105.04

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

Source: U.S. Department of Commerce.

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

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

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

Source: U.S. Department of Commerce.

Table 58—Volume and average value of lumber exports by port, species, and destination, Columbia-Snake Customs District, third quarter 1994

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

Port and species	Destination									
	All countries		Japan		People's Republic of China		Korea		Taiwan	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
Coos Bay:										
Douglas-fir	34,370	806.25	15,616	816.24	0	—	0	—	0	—
Other firs	1,545	563.49	0	—	0	—	0	—	0	—
Cedars	24	1,433.14	24	1,433.14	0	—	0	—	0	—
Hemlock	21	1,447.20	0	—	0	—	0	—	0	—
Pines	30	630.62	0	—	0	—	0	—	0	—
Redwood	308	2,017.21	174	2,822.07	0	—	0	—	0	—
Other softwoods	609	676.08	0	—	0	—	0	—	0	—
All softwoods	36,908	804.69	15,814	839.28	0	—	0	—	0	—
Red alder	19	1,263.81	0	—	0	—	0	—	0	—
All hardwoods	81	1,366.70	0	—	0	—	0	—	0	—
Longview (Washington):										
Douglas-fir	3,126	949.19	2,293	806.62	0	—	0	—	0	—
Hemlock	145	669.67	145	669.67	0	—	0	—	0	—
Redwood	42	2,731.11	22	2,782.30	0	—	0	—	20	2,675.65
Other softwoods	1,552	622.88	1,552	622.88	0	—	0	—	0	—
All softwoods	4,865	852.28	4,012	741.44	0	—	0	—	20	2,675.65
Portland:										
Douglas-fir	41,333	833.76	31,985	760.50	0	—	0	—	37	2,034.75
Other firs	3,969	909.58	3,869	924.16	0	—	0	—	0	—
Cedars	1,958	674.88	650	606.98	0	—	102	590.00	39	1,950.26
Hemlock	12,117	654.12	11,764	660.23	0	—	0	—	0	—
Spruce	1,112	418.02	1,028	267.43	0	—	75	2,289.92	0	—
Pines	4,139	655.26	3,119	640.67	0	—	26	1,183.81	51	759.20
Redwood	440	1,787.23	340	1,972.13	0	—	0	—	0	—
Other softwoods	26,268	387.08	25,705	383.16	0	—	0	—	239	560.89
All softwoods	91,338	672.81	78,461	622.67	0	—	203	1,295.01	366	885.39
Red alder	3,812	1,521.39	895	1,672.36	0	—	530	2,430.68	442	758.24
All hardwoods	7,403	1,455.95	2,320	1,458.56	0	—	1,050	2,114.36	959	839.11
Portland Int'l Airport:										
Spruce	6	575.84	6	575.84	0	—	0	—	0	—
Total:										
Douglas-fir	78,830	826.34	49,894	780.07	0	—	0	—	37	2,034.75
Other firs	5,514	812.62	3,869	924.16	0	—	0	—	0	—
Cedars	1,983	684.12	674	636.58	0	—	102	590.00	39	1,950.26
Hemlock	12,283	655.76	11,909	660.34	0	—	0	—	0	—
Spruce	1,119	418.92	1,035	269.33	0	—	75	2,289.92	0	—
Pines	4,169	655.08	3,119	640.67	0	—	26	1,183.81	51	759.20
Redwood	791	1,927.54	536	2,281.33	0	—	0	—	20	2,675.65
Other softwoods	28,429	406.14	27,257	396.81	0	—	0	—	239	560.89
All softwoods	133,118	715.93	98,294	662.36	0	—	203	1,295.01	386	979.72
Red alder	3,831	1,520.11	895	1,672.36	0	—	530	2,430.68	442	758.24
All hardwoods	7,484	1,454.99	2,320	1,458.56	0	—	1,050	2,114.36	959	839.11

Source: U.S. Department of Commerce.

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

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

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

Source: U.S. Department of Commerce.

**Table 60—Volume and average value of lumber exports by port, species, and destination,
San Francisco Customs District, third quarter 1994**

(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	86	606.67	0	—	0	—	0	—	0	—
Redwood	1,439	833.88	0	—	0	—	0	—	0	—
All softwoods	1,525	821.00	0	—	0	—	0	—	0	—
Oakland:										
Douglas-fir	521	1,171.70	43	938.72	0	—	0	—	0	—
Other firs	500	390.26	0	—	0	—	0	—	0	—
Cedars	298	1,970.82	277	1,574.08	0	—	0	—	0	—
Hemlock	3,031	440.15	2,985	421.94	0	—	0	—	0	—
Spruce	128	212.22	0	—	0	—	0	—	128	212.22
Pines	86	402.78	0	—	0	—	86	402.78	0	—
Redwood	704	690.76	367	666.57	0	—	0	—	0	—
Other softwoods	2,593	938.57	881	1,375.26	0	—	1,090	257.15	0	—
All softwoods	7,863	726.20	4,552	701.06	0	—	1,177	267.85	128	212.22
Red alder	445	1,431.51	0	—	0	—	19	1,442.22	0	—
All hardwoods	3,544	1,138.43	1,188	1,417.18	0	—	208	1,509.54	1,001	834.21
Richmond:										
Douglas-fir	67	607.69	0	—	0	—	0	—	0	—
Red alder	19	1,048.73	0	—	0	—	0	—	0	—
San Francisco:										
Cedars	141	2,604.50	141	2,604.50	0	—	0	—	0	—
Hemlock	106	391.76	106	391.76	0	—	0	—	0	—
Pines	163	464.62	163	464.62	0	—	0	—	0	—
Redwood	206	1,163.58	206	1,163.58	0	—	0	—	0	—
Other softwoods	59	1,593.42	59	1,593.42	0	—	0	—	0	—
All softwoods	674	1,211.84	674	1,211.84	0	—	0	—	0	—
All hardwoods	14	1,036.41	14	1,036.41	0	—	0	—	0	—
Stockton:										
All hardwoods	40	969.69	40	969.69	0	—	0	—	0	—
Total:										
Douglas-fir	675	1,043.05	43	938.72	0	—	0	—	0	—
Other firs	500	390.26	0	—	0	—	0	—	0	—
Cedars	439	2,173.89	418	1,921.04	0	—	0	—	0	—
Hemlock	3,137	438.52	3,091	420.90	0	—	0	—	0	—
Spruce	128	212.22	0	—	0	—	0	—	128	212.22
Pines	249	443.17	163	464.62	0	—	86	402.78	0	—
Redwood	2,348	819.90	572	845.36	0	—	0	—	0	—
Other softwoods	2,652	953.11	939	1,388.94	0	—	1,090	257.15	0	—
All softwoods	10,129	772.00	5,226	766.95	0	—	1,177	267.85	128	212.22
Red alder	464	1,415.79	0	—	0	—	19	1,442.22	0	—
All hardwoods	3,617	1,135.70	1,242	1,398.52	0	—	208	1,509.54	1,001	834.21

Source: U.S. Department of Commerce.

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

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

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

Source: U.S. Department of Commerce.

**Table 62--Volume and average value of lumber exports by port, species, and destination,
Anchorage Customs District, third quarter 1994**

(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	7,999	652.70	7,999	652.70	0	--	0	--	0	--
Spruce	7,435	981.80	7,435	981.80	0	--	0	--	0	--
All softwoods	15,434	811.24	15,434	811.24	0	--	0	--	0	--
Wrangell:										
Hemlock	8,394	277.25	8,394	277.25	0	--	0	--	0	--
Spruce	5,252	280.03	5,252	280.03	0	--	0	--	0	--
All softwoods	13,645	278.32	13,645	278.32	0	--	0	--	0	--
Total:										
Hemlock	16,393	460.46	16,393	460.46	0	--	0	--	0	--
Spruce	12,687	691.30	12,687	691.30	0	--	0	--	0	--
All softwoods	29,080	561.17	29,080	561.17	0	--	0	--	0	--

Source: U.S. Department of Commerce.

Table 63—Volume and average value of softwood lumber exports to Canada from the Great Falls Customs District, 1983-94^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
1983	66,943	235.01	12,534	260.17	852	327.46	53,557	227.66
1984	52,655	190.01	7,898	274.75	683	342.61	44,074	172.46
1985	34,277	241.56	8,582	270.10	394	329.95	25,301	230.50
1986	34,429	245.35	8,210	284.90	752	355.05	25,467	229.36
1987	31,315	272.65	9,853	312.90	389	372.75	21,073	251.98
1988	31,333	294.35	10,180	298.72	640	343.75	20,513	290.65
1989	32,409	340.92	8,842	368.92	781	355.95	22,786	329.54
1990	44,262	407.23	18,405	399.51	839	671.04	25,018	404.07
1991	18,608	510.26	7,014	618.76	193	694.30	11,401	440.40
1992	16,119	573.49	8,158	662.54	655	716.03	7,306	461.27
1993:								
1st quarter	4,676	566.30	2,381	627.89	224	651.79	2,071	486.24
2d quarter	4,226	624.94	1,744	792.43	289	916.96	2,193	453.26
3d quarter	4,087	645.46	2,359	760.07	183	672.13	1,545	467.31
4th quarter	3,680	677.17	2,173	753.80	73	643.84	1,434	562.76
1993 total	16,669	625.05	8,656	728.74	769	756.83	7,244	487.16
1994:								
1st quarter	2,986	592.43	1,237	772.03	195	446.15	1,544	470.85
2d quarter	3,115	599.04	1,356	714.42	50	544.62	1,709	509.07
3d quarter	2,426	707.34	1,525	721.97	61	1,000.00	840	659.52
4th quarter								
1994 total								

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

Source: U.S. Department of Commerce.

Table 64--Volume and average value of hardwood lumber exports from Seattle, Columbia-Snake, Anchorage, and San Francisco Customs Districts, 1983-94

(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								
1983	34,729	542.88	3,888	536.28	0	--	8,031	504.38
1984	36,387	588.88	8,487	687.09	0	--	7,849	452.87
1985	35,841	634.36	3,958	648.29	3,322	280.25	6,987	438.53
1986	60,331	528.88	3,899	630.96	111	504.50	8,986	553.67
1987	73,644	556.88	7,989	657.90	3,316	668.94	17,337	418.28
1988	121,087	503.59	16,118	574.15	8,787	787.31	6,505	490.39
1989	85,722	741.38	22,108	609.47	64	658.25	10,884	983.75
1990	80,745	985.80	13,439	771.58	0	--	11,383	1,184.72
1991	94,711	941.49	17,432	1,072.74	0	--	14,782	1,031.80
1992	94,954	1,109.87	21,739	1,084.12	210	209.52	9,275	1,224.00
1993	91,661	1,161.64	26,185	1,186.18	301	548.17	14,722	1,409.83
1994:								
1st quarter	23,429	1,118.22	7,084	1,300.68	0	--	3,736	1,477.25
2d quarter	19,075	1,272.19	10,013	1,349.65	0	--	4,208	1,335.31
3d quarter	20,755	1,282.56	7,484	1,455.10	0	--	3,415	1,152.58
4th quarter								
1994 total								
TO JAPAN								
1983	13,721	588.45	2,801	504.42	0	--	3,737	348.68
1984	20,603	685.24	5,082	686.58	0	--	6,813	408.66
1985	20,680	702.32	2,859	668.77	3,322	280.25	5,783	408.42
1986	30,531	687.65	2,810	683.27	111	504.50	3,995	381.88
1987	38,778	585.35	4,173	588.37	381	781.77	12,430	301.68
1988	76,276	528.70	9,111	380.74	2,045	708.54	4,168	465.21
1989	42,867	791.69	9,203	685.98	25	780.00	8,041	1,053.97
1990	40,870	1,040.32	4,581	997.38	0	--	8,778	1,278.63
1991	52,801	982.25	8,887	1,155.30	0	--	11,445	1,085.97
1992	41,169	1,175.23	10,514	1,072.38	0	--	7,928	1,218.09
1993	40,028	1,250.50	13,027	1,275.81	92	1,388.57	5,417	1,480.52
1994:								
1st quarter	8,355	1,360.61	3,138	1,365.84	0	--	880	1,701.47
2d quarter	7,372	1,397.45	2,851	1,375.66	0	--	1,206	1,413.76
3d quarter	8,634	1,460.97	2,320	1,458.62	0	--	1,242	1,398.55
4th quarter								
1994 total								
TO PEOPLE'S REPUBLIC OF CHINA								
1983	0	--	0	--	0	--	0	--
1984	0	--	0	--	0	--	0	--
1985	0	--	0	--	0	--	0	--
1986	0	--	0	--	0	--	0	--
1987	0	--	8	875.00	0	--	8	333.33
1988	127	1,023.62	0	--	0	--	0	--
1989	0	--	8,985	400.87	0	--	0	--
1990	210	600.00	4,217	430.84	0	--	0	--
1991	783	519.80	188	730.16	0	--	0	--
1992	333	633.63	0	--	0	--	53	509.43
1993	78	923.08	0	--	0	--	155	1,619.35
1994:								
1st quarter	0	--	0	--	0	--	16	2,500.00
2d quarter	32	643.75	0	--	0	--	54	1,129.63
3d quarter	44	1,136.36	0	--	0	--	0	--
4th quarter								
1994 total								

Source: U.S. Department of Commerce.

Table 65--Volume of lumber exports from British Columbia ports by species and destination, 1983-93

(In thousand board feet)

Year	Total, all species	Douglas- fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1983	4,797,419	338,866	2,138,634	707,342	193,775	a 1,413,690	5,112
1984	5,822,714	469,278	2,280,805	1,113,568	181,699	1,760,231	17,133
1985	5,856,709	606,452	2,166,417	863,294	217,340	2,000,301	2,905
1986	5,718,134	506,289	2,062,006	862,049	163,672	2,121,451	2,667
1987	7,431,323	669,643	2,745,288	925,916	221,803	3,133,596	5,077
1988	12,202,632	NA	NA	NA	NA	NA	19,272
1989	12,219,744	NA	NA	NA	NA	NA	2,398
1990	10,726,160	654,941	2,681,382	1,012,124	108,901	6,268,812	0
1991	10,478,322	738,594	2,109,779	1,039,977	99,206	6,490,766	NA
1992	11,384,925	716,128	2,022,278	1,004,424	95,363	7,546,730	NA
1993	11,974,849	663,596	2,241,928	1,032,731	105,173	7,931,421	NA
TO JAPAN							
1983	898,952	33,562	558,412	125,101	62,194	119,565	118
1984	922,658	37,181	567,616	125,112	71,628	119,438	1,683
1985	995,661	56,977	579,064	128,550	86,587	143,891	592
1986	919,224	56,070	492,636	141,210	94,484	133,816	1,008
1987	1,333,078	112,615	731,908	122,113	113,364	250,898	2,180
1988	1,453,419	NA	NA	NA	NA	NA	2,167
1989	1,668,158	NA	NA	NA	NA	NA	1,028
1990	1,669,234	131,840	829,101	153,034	98,641	456,618	0
1991	1,904,373	193,001	877,657	144,311	90,017	599,387	NA
1992	1,962,805	203,486	891,320	174,525	85,762	607,710	NA
1993	2,271,386	205,075	1,097,117	164,749	100,295	704,150	NA
TO UNITED STATES ^b							
1983	2,595,702	187,818	981,755	396,363	121,695	906,034	2,037
1984	3,227,897	253,215	1,120,076	591,324	98,306	1,160,479	4,497
1985	3,956,609	352,433	1,182,889	668,897	126,979	1,623,348	2,063
1986	3,825,528	299,617	1,160,014	650,072	63,164	1,651,033	1,628
1987	4,680,711	340,153	1,162,424	711,127	96,371	2,368,393	2,243
1988	8,948,832	NA	NA	NA	NA	NA	2,481
1989	8,693,567	NA	NA	NA	NA	NA	231
1990	7,425,801	337,804	1,021,148	764,591	0	5,302,258	0
1991	7,284,884	353,232	678,279	806,012	4,485	5,442,876	NA
1992	8,287,202	355,154	680,856	736,916	3,051	6,511,224	NA
1993	8,925,391	327,425	824,152	768,669	1,020	7,004,125	NA
TO PEOPLE'S REPUBLIC OF CHINA							
1983	135,043	6,274	111,000	0	0	15,907	1,862
1984	116,884	3,063	99,706	0	140	4,449	9,526
1985	104,281	672	103,609	0	0	0	0
1986	40,297	0	39,919	0	0	378	0
1987	31,896	39	31,774	60	0	0	23
1988	84,425	NA	NA	NA	NA	NA	0
1989	21,859	NA	NA	NA	NA	NA	0
1990	3,143	0	1,310	199	0	1,634	0
1991	5,829	500	5,001	193	100	35	NA
1992	29,514	3,650	21,539	397	0	3,928	NA
1993	92,088	4,421	70,814	0	8	16,845	NA

NA = not available.

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

^b Figures do not include shipments of railroad cross-ties.

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

Table 66—Average value of lumber exports from British Columbia ports by species and destination, 1985-93

(in Canadian dollars per thousand board feet)

Year	Total, all species	Douglas- fir	Hemlock	Cedars	Spruces	Other softwoods	Hardwoods
TO ALL COUNTRIES							
1985	315.34	354.05	308.99	468.29	369.93	237.99	694.77
1986	351.94	384.09	339.18	548.29	512.78	264.39	421.09
1987	384.55	426.51	399.03	641.44	592.85	272.97	709.72
1988	321.48	NA	NA	NA	NA	NA	689.66
1989	337.17	NA	NA	NA	NA	NA	934.95
1990	368.28	NA	NA	NA	NA	NA	—
1991	362.21	NA	NA	NA	NA	NA	NA
1992	422.47	NA	NA	NA	NA	NA	NA
1993	561.05	NA	NA	NA	NA	NA	NA
TO JAPAN							
1985	400.55	514.86	329.30	616.65	561.79	349.53	983.67
1986	515.75	618.18	423.36	819.01	657.94	393.42	395.85
1987	617.78	746.66	542.06	1,138.30	832.39	428.13	891.27
1988	592.36	NA	NA	NA	NA	NA	1,081.80
1989	629.30	NA	NA	NA	NA	NA	1,407.59
1990	601.17	NA	NA	NA	NA	NA	—
1991	558.92	NA	NA	NA	NA	NA	NA
1992	666.39	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	NA	NA	NA
TO UNITED STATES^a							
1985	281.33	287.22	290.16	405.94	230.18	225.84	621.69
1986	297.77	291.99	286.20	446.61	267.78	249.35	425.48
1987	298.52	277.19	291.64	490.71	291.06	247.36	498.03
1988	251.41	NA	NA	NA	NA	NA	331.55
1989	255.58	NA	NA	NA	NA	NA	658.01
1990	285.87	NA	NA	NA	NA	NA	—
1991	285.48	NA	NA	NA	NA	NA	NA
1992	339.91	NA	NA	NA	NA	NA	NA
1993	453.29	NA	NA	NA	NA	NA	NA
TO PEOPLE'S REPUBLIC OF CHINA							
1985	284.59	269.55	284.69	—	—	—	—
1986	298.30	—	300.70	—	—	44.64	—
1987	309.90	1,460.00	306.96	1,076.53	—	—	418.57
1988	305.35	NA	NA	NA	NA	NA	—
1989	313.46	NA	NA	NA	NA	NA	—
1990	NA	NA	NA	NA	NA	NA	—
1991	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	NA	NA	NA

NA = not available.

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

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

Table 67—Volume of all species of lumber imports into the Seattle Customs District, 1989-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Countries of origin						
	All countries	Canada	Chile	West Germany	New Zealand	Russia	Ukraine
1989	3,067,786	3,067,600	94	0	35	0	0
1990	2,805,029	2,804,895	19	0	106	0	0
1991	2,709,965	2,708,783	0	0	139	0	0
1992	3,252,358	3,249,597	2,030	25	541	80	64
1993:							
1st quarter	798,233	796,255	1,135	0	842	0	0
2d quarter	818,528	813,992	1,080	9	3,409	0	0
3d quarter	798,199	794,822	2,044	16	1,317	0	0
4th quarter	864,157	859,489	4,008	0	628	17	0
1993 total	3,279,118	3,264,557	8,267	25	6,197	17	0
1994:							
1st quarter	904,082	897,637	5,050	0	1,092	274	0
2d quarter	958,048	951,355	5,491	0	1,086	31	0
3d quarter	913,030	907,576	4,478	0	744	17	0
4th quarter							
1994 total							

Source: U.S. Department of Commerce.

Table 68—Average value of all species of lumber imports into the Seattle Customs District, 1989-94

(Value in dollars per thousand board feet)

Year and quarter	Countries of origin						
	All countries	Canada	Chile	West Germany	New Zealand	Russia	Ukraine
1989	229.45	229.41	702.13	—	657.14	—	—
1990	239.62	239.57	368.42	—	1,283.02	—	—
1991	244.85	244.78	—	—	1,258.99	—	—
1992	276.17	275.43	829.06	1,560.00	1,079.48	500.00	140.63
1993:							
1st quarter	343.62	342.15	839.65	—	1,060.57	—	—
2d quarter	346.33	341.42	1,111.02	2,022.86	1,268.45	—	—
3d quarter	317.73	314.74	956.46	1,250.00	1,119.97	—	—
4th quarter	355.92	352.71	917.17	—	1,119.43	1,117.65	—
1993 average	341.24	338.07	941.45	1,520.00	1,193.48	1,117.65	—
1994:							
1st quarter	385.10	381.11	989.11	—	856.23	372.26	—
2d quarter	351.71	347.67	881.08	—	1,175.87	580.65	—
3d quarter	365.56	362.71	809.74	—	1,067.20	411.76	—
4th quarter							
1994 average							

Source: U.S. Department of Commerce.

Table 69—Volume of all species of lumber imports into the Columbia-Snake Customs District, 1989-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Countries of origin							
	All countries	Brazil	Canada	Chile	Malaysia	New Zealand	Russia	Switzerland
1989	4,927	0	4,197	729	0	0	0	0
1990	4,672	0	4,194	466	0	11	0	0
1991	1,183	25	6	1,142	0	11	0	0
1992	6,380	699	0	4,869	171	625	0	17
1993:								
1st quarter	2,191	117	0	1,650	0	424	0	0
2d quarter	5,940	1,297	171	1,336	0	2,782	286	0
3d quarter	4,790	1,468	0	990	0	2,231	15	0
4th quarter	6,650	1,289	0	2,036	0	3,260	31	0
1993 total	19,572	4,171	171	6,013	0	8,696	333	0
1994:								
1st quarter	8,401	3,155	0	2,249	0	2,798	49	0
2d quarter	10,559	3,800	0	1,847	0	4,774	43	0
3d quarter	13,291	7,276	0	307	0	5,473	25	0
4th quarter								
1994 total								

Source: U.S. Department of Commerce.

Table 70—Average value of all species of lumber imports into the Columbia-Snake Customs District, 1989-94

(Value in dollars per thousand board feet)

Year and quarter	Countries of origin							
	All countries	Brazil	Canada	Chile	Malaysia	New Zealand	Russia	Switzerland
1989	272.38	—	218.97	577.50	—	—	—	—
1990	250.86	—	211.02	600.86	—	545.46	—	—
1991	1,041.42	1,160.00	1,000.00	1,030.65	—	1,727.27	—	—
1992	930.25	928.47	—	904.91	1,257.31	1,059.20	—	235.29
1993:								
1st quarter	931.08	760.68	—	901.82	—	1,094.34	—	—
2d quarter	1,037.67	808.00	362.18	1,221.15	—	1,123.38	762.19	—
3d quarter	967.43	866.49	—	951.52	—	1,038.55	866.67	—
4th quarter	990.08	883.63	—	968.07	—	1,037.12	774.19	—
1993 average	992.34	850.64	362.18	1,003.16	—	1,067.85	765.77	—
1994:								
1st quarter	1,074.28	952.14	—	1,159.18	—	1,097.57	1,163.27	—
2d quarter	1,032.67	1,039.21	—	1,110.45	—	981.36	813.95	—
3d quarter	912.20	864.35	—	1,690.55	—	918.69	360.00	—
4th quarter								
1994 average								

Source: U.S. Department of Commerce.

Table 71—Volume and average value of plywood exports from Seattle and Columbia-Snake Customs Districts by destination, 1983-94

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

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure		Softwood 3/8-inch basis		Hardwood surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES												
1983	322,588	223.84	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	8,126	141.80	133,052	480.08	284	788.73
1985	94,676	228.83	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	10,316	152.36	36,200	245.36	10,041	147.79	204,637	211.52	277	317.69
1988	269,573	224.51	20,411	164.47	48,810	232.27	18,987	156.69	240,763	222.84	1,424	241.57
1989	309,243	208.19	18,082	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	180,439	210.87	3,606	244.32
1992	144,531	247.48	44,110	294.40	40,085	262.67	43,005	294.48	104,446	241.63	1,105	291.40
1993	136,189	277.72	35,494	335.61	55,197	295.18	34,232	336.12	80,992	265.82	1,262	321.71
1994:												
1st quarter	24,219	251.00	9,205	340.58	9,905	247.15	8,537	333.72	14,314	253.67	668	428.14
2d quarter	22,440	291.71	8,778	332.42	7,737	291.07	8,676	329.30	14,703	292.05	102	568.04
3d quarter	23,867	279.17	7,295	321.73	7,703	239.78	6,723	322.03	16,164	297.95	572	318.18
4th quarter												
1994 total												
TO JAPAN												
1983	5,680	306.45	16	125.00	3,973	275.86	0	—	1,707	384.30	16	125.00
1984	6,429	307.67	0	—	2,054	226.82	0	—	4,375	344.66	0	—
1985	6,050	284.63	888	151.45	1,310	198.18	122	155.74	4,740	308.07	776	150.77
1986	7,844	264.52	39	1,000.00	1,277	245.11	39	1,000.00	6,367	268.42	0	—
1987	11,299	250.84	400	327.50	2,670	289.29	157	414.01	8,629	245.80	243	271.60
1988	15,168	233.35	1,954	252.81	7,445	231.83	852	261.74	7,721	234.81	1,102	245.82
1989	17,075	210.01	891	243.55	10,890	204.04	874	242.56	6,185	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	233.96	723	192.25	20,385	231.54	413	186.44	1,022	275.93	310	200.00
1992	7,434	239.44	1,358	362.30	5,232	247.13	1,189	339.78	2,202	221.16	189	520.71
1993	11,122	331.86	1,021	437.81	6,906	386.48	486	448.56	4,216	242.41	535	428.04
1994:												
1st quarter	1,505	326.90	850	376.82	623	327.45	523	340.34	882	326.83	327	440.37
2d quarter	1,910	316.85	235	489.36	637	368.92	147	401.36	1,273	293.79	88	636.36
3d quarter	1,942	321.32	254	318.90	847	346.47	254	318.90	1,065	299.54	0	—
4th quarter												
1994 total												
TO WESTERN EUROPE												
1983	288,229	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	208.79	0	—
1985	73,724	213.73	65	200.00	5,497	225.84	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	208.55	0	—
1989	254,053	208.39	71	408.45	26,593	229.95	43	488.37	227,460	203.64	28	285.71
1990	191,734	213.80	3,035	200.99	24,129	267.19	111	279.28	167,605	208.11	2,824	196.02
1991	162,745	217.03	4,882	247.23	19,376	255.01	1,971	239.47	143,369	211.90	2,911	252.49
1992	99,956	245.45	2,156	551.95	9,182	297.87	1,589	664.57	90,774	240.15	567	236.33
1993	69,023	271.01	241	979.25	5,656	343.71	196	1,122.45	63,367	264.52	45	355.56
1994:												
1st quarter	10,645	266.13	47	1,148.94	960	451.04	0	—	9,685	247.81	47	1,148.94
2d quarter	12,420	303.30	98	1,306.12	745	457.72	98	1,306.12	11,675	293.45	0	—
3d quarter	13,441	298.71	0	—	1,027	361.25	0	—	12,414	293.54	0	—
4th quarter												
1994 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 72—Volume and average value of plywood exports from California, 1983-94^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
1983	8,117	272.51	3,442	306.22	974	219.71	1,319	195.60	2,382	287.99
1984	9,405	310.05	2,608	332.44	513	395.71	1,629	254.76	4,655	307.41
1985	15,504	332.69	6,239	257.57	325	280.00	1,720	227.91	7,220	424.93
1986	27,563	235.13	4,231	268.73	548	167.88	10,977	186.48	11,807	271.45
1987	24,096	286.73	2,653	308.33	275	280.00	7,588	206.38	13,580	327.54
1988	41,865	239.89	4,791	223.75	843	196.92	15,664	208.38	20,567	269.41
1989	41,919	197.67	6,322	245.18	674	229.97	15,414	178.67	19,509	196.17
1990	65,513	179.20	3,365	295.10	1,104	221.01	28,254	194.24	32,790	152.94
1991	109,426	167.31	2,909	248.88	1,000	256.00	72,564	163.21	32,953	166.45
1992	119,871	152.73	2,135	251.05	1,407	148.54	76,300	147.97	40,029	156.71
1993:										
1st quarter	23,066	177.10	532	218.05	12	1,583.33	13,380	189.61	9,142	154.56
2d quarter	19,989	231.68	6	666.67	79	658.23	15,095	220.47	4,809	259.31
3d quarter	19,655	231.04	463	269.98	172	389.54	15,408	205.02	3,612	329.46
4th quarter	22,049	228.31	185	194.59	684	288.01	17,499	214.64	3,681	283.89
1993 total	84,760	215.76	1,186	236.09	947	353.75	61,382	208.19	21,245	230.36
1994:										
1st quarter	20,966	192.93	271	428.04	40	450.00	14,673	168.00	5,982	241.73
2d quarter	26,652	194.28	164	481.71	0	—	20,313	167.92	6,175	273.36
3d quarter	23,625	206.31	590	350.85	0	—	17,443	182.71	5,592	264.66
4th quarter										
1994 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 73—Volume and average value of veneer exports from Seattle and Columbia-Snake Customs Districts by destination, 1983-94

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

Year and quarter	From both customs districts				From Seattle Customs District				From Columbia-Snake Customs District			
	Softwood 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure		Softwood, 3/8-inch basis		Hardwood, surface measure	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
TO ALL COUNTRIES												
1983	292,795	27.80	14,330	66.39	180,267	27.00	13,893	62.69	132,528	28.77	437	151.03
1984	268,108	27.04	37,273	82.91	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	36,181	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	2,846	81.65
1987	290,803	43.49	79,792	77.09	239,599	32.00	70,955	79.77	51,091	91.39	8,837	55.56
1988	163,082	55.56	172,399	81.09	125,481	47.42	153,013	64.20	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	4,598	200.17	2,749	168.06
1991	124,425	91.79	135,266	142.31	111,697	88.11	132,675	141.98	12,528	124.68	2,591	158.40
1992	132,503	88.25	124,510	129.77	116,204	71.31	108,327	136.78	16,299	208.97	16,183	82.99
1993	178,830	106.57	177,779	118.86	140,740	90.52	167,899	117.76	37,890	166.19	9,880	137.55
1994:												
1st quarter	31,850	133.74	87,046	93.34	23,240	112.09	64,722	92.98	8,410	193.58	2,324	103.27
2d quarter	36,136	149.21	75,829	99.36	24,872	110.87	67,740	99.50	11,264	233.56	8,089	98.03
3d quarter	28,355	156.16	84,744	97.75	17,504	110.83	75,473	97.25	10,851	229.29	9,271	101.82
4th quarter												
1994 total												
TO JAPAN												
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	99.06	55,970	28.34	2,293	17.01
1986	94,390	21.81	10,024	58.36	51,781	14.80	8,001	50.87	42,609	30.58	2,023	87.99
1987	61,161	81.57	24,300	64.53	20,392	27.81	17,151	63.73	40,769	108.56	7,149	66.44
1988	38,585	107.58	81,626	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	145.88	64,727	124.31	30,053	141.42	63,918	123.50	3,521	183.75	809	187.89
1991	92,521	90.93	88,469	142.00	88,453	84.44	87,678	141.27	4,068	232.06	1,811	177.25
1992	107,855	79.79	68,460	123.12	94,090	61.57	53,423	135.80	13,765	204.36	15,057	78.10
1993	158,584	103.60	80,803	105.14	121,842	85.81	76,615	103.06	36,742	162.62	4,188	143.27
1994:												
1st quarter	27,442	134.43	31,153	72.83	19,031	108.35	30,621	72.86	8,410	193.58	532	69.55
2d quarter	32,491	149.21	26,903	76.50	21,227	104.44	23,237	73.29	11,264	233.56	3,666	96.84
3d quarter	26,712	157.31	30,161	75.16	15,861	108.08	27,181	70.53	10,851	229.29	2,980	117.45
4th quarter												
1994 total												
TO WESTERN EUROPE												
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	118.19	482	93.36	5,848	103.11	793	76.92
1989	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1990	367	242.51	2,967	118.30	239	221.76	2,967	118.30	128	281.25	0	—
1991	7,531	44.35	3,228	102.85	0	—	3,228	102.85	7,531	44.35	0	—
1992	1,308	218.69	108	203.70	1,215	211.52	108	203.70	92	262.61	0	—
1993	115	276.26	242	247.63	115	276.26	202	277.23	0	—	40	100.00
1994:												
1st quarter	0	—	773	119.02	0	—	227	136.56	0	—	546	111.72
2d quarter	30	700.00	2,421	114.00	30	700.00	1,910	114.96	0	—	511	111.55
3d quarter	0	—	221	131.22	0	—	0	—	0	—	221	131.22
4th quarter												
1994 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 74—Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1989-94

(In thousand board feet, Scribner scale)

Agency	1989	1990	1991	1992	1993		1994				Total
					Total	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Montana:											
USDA Forest Service ^a	408,764	304,366	344,196	331,288	209,113	78,722	46,057	24,398	27,514		
U.S. Bureau of Land Manage. ^b	5,843	6,675	6,474	9,661	4,327	3,454	297	501	449		
U.S. Bureau of Indian Affairs	70,112	65,976	44,296	45,126	13,733	4,131	2,258	2,987	6,123		
State of Montana	43,949	31,427	26,722	26,644	19,822	2,177	6,934	1,060	1,636		
Total	528,668	408,443	421,688	412,718	246,994	88,483	55,546	28,946	35,722		
Idaho:											
USDA Forest Service ^a	798,642	709,121	579,349	423,701	412,907	131,032	27,993	30,686	54,903		
U.S. Bureau of Land Manage. ^b	16,407	8,877	24,224	8,145	1,122	581	241	4,526	2,299		
U.S. Bureau of Indian Affairs	7,310	1,205	558	1,645	2,781	0	0	0	NA		
State of Idaho	190,410	189,293	181,364	247,521	200,597	23,485	23,494	88,622	82,504		
Total	1,012,769	908,496	785,495	681,012	617,407	155,098	51,728	123,834	NA		
All public lands:											
USDA Forest Service ^a	1,207,406	1,013,486	923,544	754,989	622,020	209,754	74,050	55,084	82,417		
U.S. Bureau of Land Manage. ^b	22,250	15,552	30,698	17,806	5,449	4,035	538	5,027	2,749		
U.S. Bureau of Indian Affairs	77,422	67,181	44,854	46,771	16,514	4,131	2,258	2,987	6,123		
State of Montana	43,949	31,427	26,722	26,644	19,822	2,177	6,934	1,060	1,636		
State of Idaho	190,410	189,293	181,364	247,521	200,597	23,485	23,494	88,622	82,504		
Total	1,541,437	1,316,939	1,207,182	1,093,730	864,401	243,581	107,274	152,780	175,428		

NA = not available.

^a Convertible products only.

^b Does not include cull log sales.

Source: Respective agencies listed.

Table 75--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1989-94

(In dollars per thousand board feet)

Agency	1989	1990	1991	1992	1993		1994				
					Average	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	Average
Montana:											
USDA Forest Service ^a	97.37	119.43	105.01	152.94	251.36	186.42	348.68	277.23	177.45		
U.S. Bureau of Land Manage. ^b	86.44	114.50	62.72	163.91	224.22	255.17	146.56	208.69	188.80		
U.S. Bureau of Indian Affairs	90.59	57.44	112.22	187.89	137.38	119.36	122.09	159.47	125.55		
State of Montana	154.53	148.39	189.63	181.48	249.28	231.94	352.96	291.26	244.80		
Average	101.10	111.56	110.48	158.86	244.38	187.10	338.92	264.41	171.78		
Idaho:											
USDA Forest Service ^a	82.89	92.29	98.88	141.74	306.72	258.53	253.91	255.45	287.61		
U.S. Bureau of Land Manage. ^b	60.38	87.96	50.21	93.37	143.32	89.84	199.90	275.56	107.62		
U.S. Bureau of Indian Affairs	76.29	150.63	147.07	145.54	280.41	—	—	—	NA		
State of Idaho	154.56	183.70	173.59	283.99	447.49	432.84	544.80	467.17	408.57		
Average	95.96	111.36	114.67	192.86	352.04	284.29	385.77	407.71	NA		
All public lands:											
USDA Forest Service ^a	87.80	100.44	101.17	146.65	288.11	231.46	312.85	265.10	250.83		
U.S. Bureau of Land Manage. ^b	67.22	99.35	52.85	131.64	207.56	231.36	170.47	268.90	120.89		
U.S. Bureau of Indian Affairs	89.24	59.11	112.65	186.40	161.46	119.36	122.09	159.47	125.55		
State of Montana	154.53	148.39	189.63	181.48	249.28	231.94	352.96	291.26	244.80		
State of Idaho	154.56	183.70	173.59	283.99	447.49	432.84	544.80	467.17	408.57		
Average	97.72	111.43	113.21	180.04	321.28	248.98	361.51	380.56	318.55		

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 prices.

Source: Respective agencies listed.

Table 76—Volume of sawtimber sold on National Forests by selected species, Northern Region, 1990-94

(In thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Ponderosa pine	Western white pine	Lodgepole pine	Engelmann spruce	Western hemlock	Cedars	Larch	True firs	All species
1990	118,767	14,606	25,361	139,209	43,909	18,718	29,467	61,425	139,115	650,082
1991	116,868	22,964	24,996	127,304	35,262	10,273	39,655	58,512	131,342	605,031
1992	87,414	11,814	8,323	121,923	22,377	28,029	7,185	28,975	40,788	386,942
1993:										
1st quarter	19,075	1,461	1,496	8,108	1,742	1,681	3,429	6,898	29,161	76,863
2d quarter	5,816	95	748	19,608	3,719	732	1,057	3,283	5,278	53,794
3d quarter	24,289	12,209	2,772	29,243	1,961	1,801	3,017	6,169	10,007	101,197
4th quarter	12,461	3,722	320	18,404	7,075	360	1,740	4,676	3,485	58,225
1993 total	61,641	17,486	5,336	75,364	14,497	4,574	9,243	21,025	47,930	290,080
1994:										
1st quarter	2,579	2,013	5,539	16,307	172	114	2,436	1,527	3,588	36,947
2d quarter	4,290	133	278	11,396	297	109	177	386	689	18,700
3d quarter	3,438	161	105	7,123	130	5	304	2,837	2,809	18,854
4th quarter										
1994 total										

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

Table 77—Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1983-94^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
1983	42.50	60.50	96.30	34.10	55.20	47.50	142.80	51.00	65.10	53.70
1984	46.90	66.50	104.90	37.30	39.00	44.50	106.70	49.50	45.00	49.20
1985	34.10	58.70	108.30	28.40	37.70	35.70	91.50	35.00	32.70	37.80
1986	35.10	64.30	119.20	35.90	37.60	34.60	73.10	32.90	32.10	37.40
1987	46.60	127.80	115.50	46.20	57.20	71.10	133.40	45.10	42.90	54.70
1988	57.60	89.30	85.50	53.00	65.00	74.00	92.00	64.60	64.20	63.20
1989	108.45	151.14	126.21	122.69	143.73	130.80	147.07	123.52	132.99	121.53
1990	131.65	184.79	205.52	145.35	156.14	153.03	183.35	161.66	158.55	146.10
1991	132.24	172.30	199.72	134.26	151.88	115.47	218.82	167.40	138.36	145.89
1992	225.11	184.02	258.59	225.58	194.83	204.33	230.65	216.13	210.11	212.87
1993:										
1st quarter	424.77	558.39	616.77	344.49	246.96	410.18	651.78	465.26	301.73	380.85
2d quarter	446.00	299.37	384.66	446.15	419.27	403.20	509.37	493.53	409.56	422.49
3d quarter	293.18	398.85	394.32	386.21	374.49	414.99	573.32	415.39	378.35	355.41
4th quarter	302.87	270.92	335.74	354.59	439.45	309.85	174.53	522.58	279.94	339.21
1993 average	350.28	384.41	451.82	389.59	402.36	403.06	520.03	467.79	328.04	371.37
1994:										
1st quarter	450.69	181.78	544.22	442.18	332.01	184.49	555.03	566.00	438.86	447.84
2d quarter	375.20	427.51	401.85	432.48	332.32	390.71	442.40	472.50	337.28	405.63
3d quarter	285.47	370.28	303.11	300.01	355.44	403.59	479.57	364.16	399.82	332.36
4th quarter										
1994 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 78--Volume and average value of timber harvested on the National Forests of the Northern Region, 1994

(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.	3.5	16.37	1.1	70.36	8.4	249.65	0.4	80.12	2.6	206.15
2d qtr.	.9	338.66	.5	45.53	19.1	196.06	.6	59.25	.8	158.70
3d qtr.	5.5	139.58	1.0	32.81	37.1	149.76	.9	49.31	3.3	166.79
4th qtr.										
Total										
Quarter	Flathead		Gallatin		Helena		Kootenai		Lewis and Clark	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	7.2	180.17	2.5	98.01	1.5	80.82	18.5	297.78	4.9	163.15
2d qtr.	1.1	26.58	2.0	138.59	.7	31.09	12.5	144.01	.6	4.63
3d qtr.	7.8	117.57	3.8	62.53	5.1	202.15	40.0	233.05	6.7	90.99
4th qtr.										
Total										
Quarter	Lolo		Nezperce		Panhandle ^a		Northern Idaho		Montana	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1st qtr.	9.6	260.96	24.4	159.77	16.7	198.99	49.5	188.28	51.7	215.93
2d qtr.	12.4	201.97	18.6	203.69	18.6	161.75	56.3	187.22	32.0	160.12
3d qtr.	24.3	197.88	15.7	139.60	33.9	190.36	86.6	163.79	98.3	186.26
4th qtr.										
Total										
Quarter	Northeastern Washington		All Forests							
	Volume	Average value	Volume	Average value						
1st qtr.	0.0	—	101.1	202.40						
2d qtr.	0.0	—	88.3	177.39						
3d qtr.	0.0	—	185.0	175.71						
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 79—Volume of sawtimber sold on National Forests by selected species, Intermountain Region, 1990-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Lodgepole pine	Ponderosa pine	Engelmann spruce	Larch	True firs	All species
1990	100,409	39,508	102,527	26,940	565	19,546	317,270
1991	51,543	36,759	53,088	15,033	476	21,844	192,768
1992	117,817	30,832	40,445	16,568	313	24,680	244,723
1993:							
1st quarter	11,122	4,506	18,000	6,353	0	18,672	62,921
2d quarter	26,331	535	42,032	6,060	0	12,761	89,749
3d quarter	25,637	17,805	8,659	2,622	0	6,142	69,280
4th quarter	5,279	683	8,992	14,367	0	5,002	39,219
1993 total	68,368	23,529	77,684	29,402	0	42,577	261,169
1994:							
1st quarter	7,545	7,116	2,893	765	0	24	22,414
2d quarter	11,755	5,489	4,502	952	1	4,476	33,221
3d quarter	16,164	2,615	11,976	1,369	0	940	35,328
4th quarter							
1994 total							

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

Table 80—Average stumpage prices for sawtimber sold on National Forests by selected species, Intermountain Region, 1990-94^a

(In dollars per thousand board feet)

Year and quarter	Douglas-fir	Lodgepole pine	Ponderosa pine	Engelmann spruce	Larch	True firs	All species
1990	64.63	69.78	131.28	95.21	117.12	76.56	90.31
1991	113.11	76.98	201.50	110.90	209.33	69.76	120.66
1992	138.42	138.67	358.45	164.31	220.06	131.04	170.00
1993:							
1st quarter	220.47	141.05	604.28	92.72	--	183.58	286.85
2d quarter	232.05	217.51	523.67	198.41	--	313.26	374.36
3d quarter	248.52	210.33	797.92	196.44	--	235.71	286.65
4th quarter	320.19	220.27	811.02	233.68	--	165.95	341.21
1993 average	243.15	197.51	606.18	192.63	--	227.90	325.04
1994:							
1st quarter	200.74	221.61	167.96	280.73	--	242.50	203.88
2d quarter	321.83	338.68	698.04	373.46	368.86	522.53	353.24
3d quarter	326.57	235.90	674.37	211.61	--	341.56	423.36
4th quarter							
1994 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 81—Volume and average value of timber harvested on the National Forests of the Intermountain Region, 1994

(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.	2.0	77.31	13.3	416.49	1.4	17.62	0.0	—	2.0	102.71
2d qtr.	.3	101.81	18.5	116.15	.5	156.87	.9	155.52	.6	56.87
3d qtr.	7.6	85.66	23.9	146.12	6.4	58.47	2.2	127.88	1.7	31.72
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.	2.6	174.14	.1	11.74	0.0	—	.4	115.04	7.6	358.75
2d qtr.	2.1	113.05	.4	27.73	.1	10.37	.1	9.06	4.4	337.96
3d qtr.	5.7	125.67	1.5	41.09	.7	11.07	1.6	35.08	16.7	203.15
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.	2.1	135.66	2.7	204.34	.4	38.60	1.1	167.96	2.5	38.54
2d qtr.	1.4	210.55	2.3	68.27	.4	78.99	3.2	89.48	.7	38.67
3d qtr.	4.5	210.60	7.5	58.70	2.9	154.38	3.7	20.03	2.9	72.88
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.	28.2	330.70	.9	196.16	7.3	102.67	1.7	15.47	38.4	268.39
2d qtr.	28.5	150.39	3.2	89.46	3.1	87.10	1.1	124.54	35.8	138.64
3d qtr.	60.7	144.98	4.2	18.63	21.4	95.02	9.7	87.67	96.2	122.39
4th qtr.										
Total										

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

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

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

Table 82—Volume of timber sold on publicly owned or managed lands in California, 1989-94

(In thousand board feet, Scribner scale)

Agency	1989	1990	1991	1992	1993		1994				Total
					Total	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	1,440,482	1,585,813	729,711	1,238,351	651,282	235,996	26,557	353,194	91,075		
U.S. Bureau of Land Manage. ^b	11,907	10,129	10,981	10,420	7,876	2,295	224	234	839		
U.S. Bureau of Indian Affairs ^c	7,185	48,871	23,900	31,985	12,867	NA	NA	NA	NA		
State of California	36,158	33,187	36,318	23,470	12,200	7,000	8,655	0	NA		
Total	1,495,732	1,678,000	800,910	1,304,226	684,225	NA	NA	NA	NA		

NA = not available.

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

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

^c Available only on fiscal-year basis.

Source: Respective agencies listed.

Table 83—Average stumpage prices of timber sold on publicly owned or managed lands in California, 1989-94

(In dollars per thousand board feet)

Agency	1989	1990	1991	1992	1993		1994				Average
					Average	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^{a b}	154.12	142.62	152.10	126.43	229.73	234.78	265.30	236.76	74.89		
U.S. Bureau of Land Manage. ^c	121.12	122.25	168.47	242.21	279.24	243.38	243.01	324.35	235.14		
U.S. Bureau of Indian Affairs	323.14	268.53	277.22	217.11	331.19	NA	NA	NA	NA		
State of California	223.02	269.24	332.77	463.92	629.71	628.50	594.53	—	NA		
Average	156.34	148.67	164.25	135.65	239.34	NA	NA	NA	NA		

NA = not available.

^a Prices received for individual sales may vary significantly from the averages shown in this table because of differences in species mix, quality, road costs, logging and processing costs, size and length of sale, number of bidders, and other related price determinants. Prices for stumpage on National Forest lands are high bid value. Road costs 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 84--Volume of sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1989-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir	Ponderosa and Jeffrey pines	Sugar pine	Lodgepole pine	Cedars	True firs	All species
1989	218,081	256,045	113,679	11,553	45,352	571,855	1,301,426
1990	225,997	359,374	101,273	8,360	31,742	678,986	1,414,651
1991	20,255	202,500	52,401	2,011	18,306	283,883	585,525
1992	34,591	240,049	41,283	6,274	16,030	310,815	675,839
1993:							
1st quarter	8,017	26,461	3,785	403	1,211	19,138	66,079
2d quarter	3,740	17,350	7,115	8	3,640	31,908	64,190
3d quarter	24,197	44,953	11,770	323	6,879	69,495	159,652
4th quarter	5,006	38,770	9,628	1,734	3,989	117,287	183,263
1993 total	40,961	127,534	32,299	2,468	15,718	237,828	473,184
1994:							
1st quarter	1,005	3,328	1,469	790	609	10,943	18,144
2d quarter	3,857	6,505	2,377	41	1,302	8,164	26,092
3d quarter	3,322	15,897	729	781	484	29,307	53,560
4th quarter							
1994 total							

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

Table 85—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1983-94^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
1983	63.30	104.00	136.70	28.80	84.60	53.80	76.90
1984	61.30	122.70	84.30	17.00	76.70	48.30	75.20
1985	63.00	101.40	109.70	17.90	112.90	33.60	69.80
1986	66.49	125.62	134.43	10.82	132.69	46.08	87.23
1987	81.15	209.31	287.63	11.40	138.66	49.90	124.89
1988	95.64	182.14	260.43	43.20	190.90	68.89	135.65
1989	201.26	291.96	289.15	57.02	153.30	88.30	177.60
1990	218.91	217.62	285.13	84.12	231.48	85.02	166.25
1991	186.62	237.62	241.25	80.05	184.64	83.08	156.70
1992	320.19	292.30	491.64	90.80	374.41	156.15	234.05
1993:							
1st quarter	363.81	610.03	495.41	219.98	187.93	249.51	406.49
2d quarter	552.16	454.83	377.81	83.85	321.88	254.80	342.05
3d quarter	337.59	495.95	597.40	253.26	182.07	256.02	354.67
4th quarter	565.48	565.52	802.37	134.34	301.64	291.34	373.02
1993 average	390.17	535.17	598.17	163.70	245.24	272.75	367.30
1994:							
1st quarter	695.58	506.91	814.26	289.25	394.40	276.40	389.93
2d quarter	529.92	559.14	695.34	56.37	151.17	171.43	364.06
3d quarter	196.27	145.81	315.50	54.32	94.74	87.10	119.71
4th quarter							
1994 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 86—Volume and average value of timber harvested on the National Forests of the Pacific Southwest Region, 1994

(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	61.26	.1	20.53	10.1	204.01	6.3	210.73	8.3	143.24
2d qtr.	.1	61.69	.2	24.48	82.9	263.91	8.3	163.27	22.1	143.60
3d qtr.	.1	60.64	.1	25.60	4.2	219.83	1.6	18.16	11.9	264.13
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.	10.4	57.42	.1	24.09	1.2	9.37	4.3	367.94	6.6	61.03
2d qtr.	76.1	179.05	.3	24.57	4.9	170.46	19.1	413.42	49.4	135.03
3d qtr.	40.5	266.72	.1	22.27	.9	330.78	27.7	348.17	27.4	211.79
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.	1.0	43.24	.1	112.60	1.1	15.28	1.8	44.87	6.4	318.87
2d qtr.	1.6	43.40	13.2	256.98	25.2	235.65	21.1	222.05	26.9	307.88
3d qtr.	.8	42.11	6.0	311.69	10.7	241.05	14.3	220.26	4.0	260.52
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.	5.2	102.64	.8	95.85	.5	50.35	4.8	21.28	69.3	146.31
2d qtr.	30.3	164.82	22.8	212.42	4.7	326.29	6.0	38.43	415.2	215.39
3d qtr.	30.7	128.24	13.6	306.49	1.6	735.16	1.9	31.91	197.9	245.82
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 87—Monthly stumpage volume and average value of timber sold on National Forest lands in Washington and Oregon, 1992-94

(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
1992:						
January	24	271.94	9	473.86	33	325.63
February	31	161.43	10	479.03	41	242.55
March	16	386.49	3	458.48	19	397.14
April	6	169.32	6	319.11	12	242.99
May	30	190.28	3	143.15	33	186.71
June	29	399.68	9	283.89	38	373.42
July	18	343.87	5	146.36	23	301.09
August	25	329.30	4	370.67	29	334.43
September	94	251.35	32	352.89	126	277.11
October	41	156.11	5	249.10	46	167.15
November	39	165.42	3	83.93	42	159.55
December	115	370.55	6	455.60	121	374.82
Total	469	277.03	94	349.41	563	289.15
1993:						
January	76	433.29	5	573.84	81	442.75
February	37	462.16	0	—	37	462.16
March	58	455.76	5	570.63	63	464.37
April	12	294.12	2	652.20	14	351.24
May	1	113.71	11	593.77	12	560.41
June	4	21.20	12	325.33	16	243.15
July	4	378.08	8	691.64	12	591.52
August	1	177.58	11	580.27	12	536.07
September	11	204.11	30	382.95	41	332.47
October	15	104.88	7	311.27	22	168.69
November	13	112.50	15	427.40	28	280.13
December	16	107.07	10	376.40	26	211.75
Total	249	357.21	116	458.38	365	389.38
1994:						
January	39	177.87	5	485.16	44	215.70
February	2	345.58	2	390.08	4	367.97
March	11	288.70	23	452.50	35	399.54
April	20	332.04	18	882.92	38	594.08
May	15	182.32	a	414.53	16	194.40
June	6	115.75	a	311.43	6	118.35
July	1	10.00	1	525.32	1	284.43
August	23	123.51	5	470.29	28	187.98
September	16	169.79	12	769.93	28	429.73
October						
November						
December						
Total						

^a Less than 1 million board feet.

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

Table 88—Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1990-94

(In thousand board feet, Scribner scale)

Agency	1990	1991	1992	1993		1994				Total
				Total	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Western Washington:										
USDA Forest Service ^a	913,998	91,442	71,422	27,296	11,378	7,804	6,822	5,022		
U.S. Bur. Land Mgmt.	0	0	0	0	0	0	0	0		
U.S. Bur. Indian Aff.	45,750	83,584	30,446	27,755	3,543	0	6,896	NA		
State of Washington ^b	697,784	387,025	328,970	423,401	50,997	47,643	98,326	60,842		
Total	1,657,532	562,051	430,838	478,452	65,918	55,447	112,044	NA		
Eastern Washington:										
USDA Forest Service ^a	437,407	130,184	83,041	64,690	10,583	28,955	37,472	8,275		
U.S. Bur. Land Mgmt.	0	5,860	3,274	20	0	0	0	0		
U.S. Bur. Indian Aff.	132,307	130,154	107,079	54,676	18,010	36,874	14,520	NA		
State of Washington ^b	61,200	67,255	48,131	60,818	8,870	14,729	10,873	819		
Total	630,914	333,453	241,525	180,204	37,463	80,558	62,865	NA		
Western Oregon:										
USDA Forest Service ^a	2,457,087	205,207	190,053	154,085	77,295	21,524	47,352	26,104		
U.S. Bur. Land Mgmt.	1,082,971	520,921	28,434	33,539	19,493	1,555	2,422	3,182		
U.S. Bur. Indian Aff.	6,760	18,700	2,751	164	0	214	0	NA		
State of Oregon	89,139	177,324	113,717	34,693	3,946	21,135	38,839	23,392		
Total	3,635,957	922,152	334,955	222,481	100,734	44,428	88,613	NA		
Eastern Oregon:										
USDA Forest Service ^a	1,061,917	637,069	422,395	391,993	57,447	63,699	39,366	34,542		
U.S. Bur. Land Mgmt.	42,695	4,630	19,510	2,067	1,801	71	0	125		
U.S. Bur. Indian Aff.	70,543	55,360	0	34,790	0	34,450	17,410	NA		
State of Oregon	3,270	3,150	2,577	4,483	1,622	0	0	5,223		
Total	1,178,425	700,209	444,482	433,333	60,870	98,220	56,776	NA		
All public lands:										
USDA Forest Service ^a	4,870,409	1,063,902	766,911	638,063	156,703	121,982	131,012	73,943		
U.S. Bur. Land Mgmt.	1,125,665	531,411	51,218	35,626	21,294	1,626	2,422	3,307		
U.S. Bur. Indian Aff.	255,360	287,798	140,276	117,385	21,553	71,538	38,826	NA		
State of Washington ^b	758,984	454,280	377,101	484,219	59,867	62,372	109,199	61,661		
State of Oregon	92,409	180,474	116,294	39,176	5,568	21,135	38,839	28,615		
Total	7,102,827	2,517,864	1,451,800	1,314,470	264,985	278,653	320,298	NA		

NA = not available.

^a Convertible products only.

^b Excludes sales under \$20,000.

Source: Respective agencies listed.

Table 89--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1990-94

(In dollars per thousand board feet)

Agency	1990	1991	1992	1993		1994				Total
				Total	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
Western Washington:										
USDA Forest Service ^a	254.48	171.26	158.06	296.15	383.49	258.96	225.49	5.10		
U.S. Bur. Land Mgmt.	—	—	—	—	—	—	—	—		
U.S. Bur. Indian Aff.	197.11	178.50	226.77	298.38	452.71	—	568.70	NA		
State of Washington ^b	338.56	303.02	358.25	602.14	435.84	651.35	575.75	472.23		
Average	288.29	263.06	315.77	567.06	427.71	596.12	553.99	NA		
Eastern Washington:										
USDA Forest Service ^a	100.87	65.08	129.23	113.76	66.20	225.34	254.64	155.11		
U.S. Bur. Land Mgmt.	—	182.48	229.22	197.50	—	—	—	—		
U.S. Bur. Indian Aff.	258.47	219.37	313.95	361.26	315.65	420.66	409.48	NA		
State of Washington ^b	247.46	192.61	383.43	489.62	577.48	512.19	433.39	612.83		
Average	148.14	153.09	263.14	315.71	307.17	367.19	321.32	NA		
Western Oregon:										
USDA Forest Service ^a	369.31	253.12	329.79	263.94	150.75	411.61	597.27	541.92		
U.S. Bur. Land Mgmt.	306.30	312.04	177.32	431.56	508.80	346.25	306.16	311.86		
U.S. Bur. Indian Aff.	405.32	358.87	527.00	366.77	—	725.56	—	NA		
State of Oregon	365.75	316.43	506.63	772.15	700.53	632.17	513.08	414.91		
Average	350.52	300.73	378.50	368.54	241.57	515.76	552.41	NA		
Eastern Oregon:										
USDA Forest Service ^a	161.81	155.98	186.59	304.15	63.60	136.41	68.53	97.87		
U.S. Bur. Land Mgmt.	68.14	236.82	97.74	973.13	1,092.74	224.24	—	73.56		
U.S. Bur. Indian Aff.	197.49	160.20	—	318.15	—	437.96	338.23	NA		
State of Oregon	269.71	198.78	387.53	380.07	240.29	—	—	387.97		
Average	160.85	157.04	183.85	309.25	98.76	242.24	151.23	135.78		
All public lands:										
USDA Forest Service ^a	278.41	164.91	213.21	274.79	129.99	213.92	321.04	254.74		
U.S. Bur. Land Mgmt.	297.27	309.96	150.33	462.85	558.19	340.92	306.16	302.85		
U.S. Bur. Indian Aff.	234.52	205.18	299.21	333.62	338.18	429.90	405.81	NA		
State of Washington ^b	331.21	286.67	361.47	588.01	456.83	618.49	561.58	474.10		
State of Oregon	362.35	314.38	503.99	727.28	566.45	632.17	513.08	409.99		
Average	286.56	232.81	281.10	414.01	264.35	392.39	436.50	362.95		

NA = not available.

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

^b Excludes sales under \$20,000.

Source: Respective agencies listed.

Table 90—Volume of sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1983-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Douglas-fir		Ponderosa and Jeffrey pines	Sugar pine	White pine	Lodgepole pine	Engelmann spruce	Sitka spruce	Western hemlock	Cedars ^a	Larch	Noble fir and Shasta red fir	Other true firs	All species
	West side	East side												
1983	1,773,547	295,243	662,176	22,116	11,005	129,753	15,462	7,025	564,168	116,264	30,969	41,842	516,251	4,201,457
1984	1,740,340	276,669	646,407	25,137	11,670	144,280	12,365	8,389	536,458	95,038	18,682	64,631	439,763	4,054,833
1985	1,491,475	236,592	587,990	30,312	11,366	109,264	19,164	11,981	413,541	75,697	33,608	106,656	367,335	3,531,908
1986	2,094,394	386,494	814,884	29,709	20,618	93,677	21,984	14,166	698,341	123,268	46,364	61,384	421,708	4,859,978
1987	1,876,085	286,167	680,770	34,524	10,593	80,925	27,906	9,573	495,796	103,239	34,841	118,646	397,108	4,206,502
1988	1,790,538	289,044	643,546	39,436	10,917	136,398	39,222	10,232	330,541	99,038	66,308	49,729	407,048	4,267,356
1989	599,527	222,795	452,393	17,288	5,891	69,981	30,314	2,358	100,717	33,950	38,834	24,497	200,921	1,982,321
1990	1,931,649	269,703	513,635	25,035	6,581	158,096	24,965	3,360	278,068	71,847	69,441	41,829	384,564	4,270,541
1991	124,078	94,537	211,308	1,050	561	86,157	11,480	322	41,324	8,551	25,920	9,085	152,952	799,445
1992	131,359	70,198	113,187	1,328	695	73,563	1,600	251	39,227	6,696	9,452	7,186	69,772	534,968
1993:														
1st quarter	7,110	16,789	118,063	2,453	5	15,177	4,177	2	805	469	1,053	311	17,887	185,015
2d quarter	8,565	19,715	21,917	143	4	598	65	0	2,471	2,028	348	110	17,647	74,707
3d quarter	68,993	4,163	5,294	189	130	1,140	108	51	1,697	670	427	283	8,284	93,704
4th quarter	29,317	3,308	5,143	101	39	3,168	5	8	2,299	428	522	303	3,206	59,273
1993 total	113,985	43,974	150,418	2,886	178	20,082	4,356	61	7,272	3,596	2,350	1,007	47,025	412,700
1994:														
1st quarter	8,458	20,606	9,515	377	24	11,993	734	13	5,552	1,761	2,696	452	12,948	81,192
2d quarter	31,196	13,688	5,181	579	244	9,903	450	30	3,506	1,076	5,646	390	8,733	85,018
3d quarter	16,498	870	1,876	890	14	7,162	320	2	340	117	820	243	874	36,316
4th quarter														
1994 total														

^a Includes Port-Orford-cedar.

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

Table 91—Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1983-94^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												
1983	161.60	37.60	134.30	131.80	74.30	20.20	28.70	30.00	61.90	88.70	31.80	42.40	58.30	112.50
1984	132.90	43.00	143.70	201.80	93.20	21.20	21.00	52.10	61.20	186.60	42.50	92.60	43.50	94.60
1985	126.20	32.20	166.00	192.60	109.30	14.20	18.40	77.70	50.00	123.70	50.60	57.60	41.20	101.40
1986	160.70	34.10	196.30	199.10	116.70	9.40	38.10	93.90	74.10	156.30	48.50	84.30	47.70	127.90
1987	190.20	46.00	267.10	300.60	220.10	18.00	24.00	81.20	103.70	192.40	46.30	101.90	63.70	161.50
1988	256.04	83.52	295.45	253.55	236.83	40.38	51.92	98.28	161.86	259.18	80.74	134.21	89.94	206.40
1989	389.80	161.60	323.44	292.91	272.66	68.90	105.94	87.51	222.47	158.06	132.73	203.00	149.42	268.37
1990	466.35	149.07	297.78	341.35	262.42	59.39	96.80	138.53	203.04	266.30	141.66	407.83	161.08	330.00
1991	394.95	110.03	322.50	335.70	187.53	92.40	141.31	219.92	164.10	284.94	94.24	279.49	142.37	224.61
1992	477.21	183.78	487.91	454.16	239.47	103.74	143.96	176.17	164.68	231.76	258.95	193.34	183.42	309.12
1993:														
1st quarter	547.06	319.82	595.06	465.34	743.49	165.72	81.16	496.05	350.21	326.18	406.59	443.45	403.62	497.00
2d quarter	744.33	210.19	710.76	803.90	858.38	76.23	154.65	—	463.58	96.23	200.60	418.57	307.55	447.34
3d quarter	188.44	202.53	405.05	1,058.29	534.01	158.52	65.12	568.53	316.44	1,269.64	275.30	276.75	274.84	224.52
4th quarter	441.83	252.96	303.38	766.56	403.32	126.86	271.50	253.08	295.84	284.28	354.36	269.41	239.96	370.38
1993 average	317.75	254.53	595.26	531.45	518.59	156.52	82.08	524.91	363.66	367.31	352.47	341.51	333.72	407.96
1994:														
1st quarter	616.59	218.39	346.96	187.99	336.01	141.09	124.27	354.35	246.62	304.78	587.42	358.21	138.97	278.25
2d quarter	685.32	434.73	315.46	1,253.80	902.99	174.32	319.18	395.89	472.13	532.77	414.26	442.27	446.25	499.59
3d quarter	648.58	402.29	406.03	325.41	700.54	171.49	310.63	233.66	353.38	386.79	627.06	398.45	246.83	474.91
4th quarter														
1994 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 7--Average stumpage price for sawtimber sold on National Forests, Pacific Northwest Region

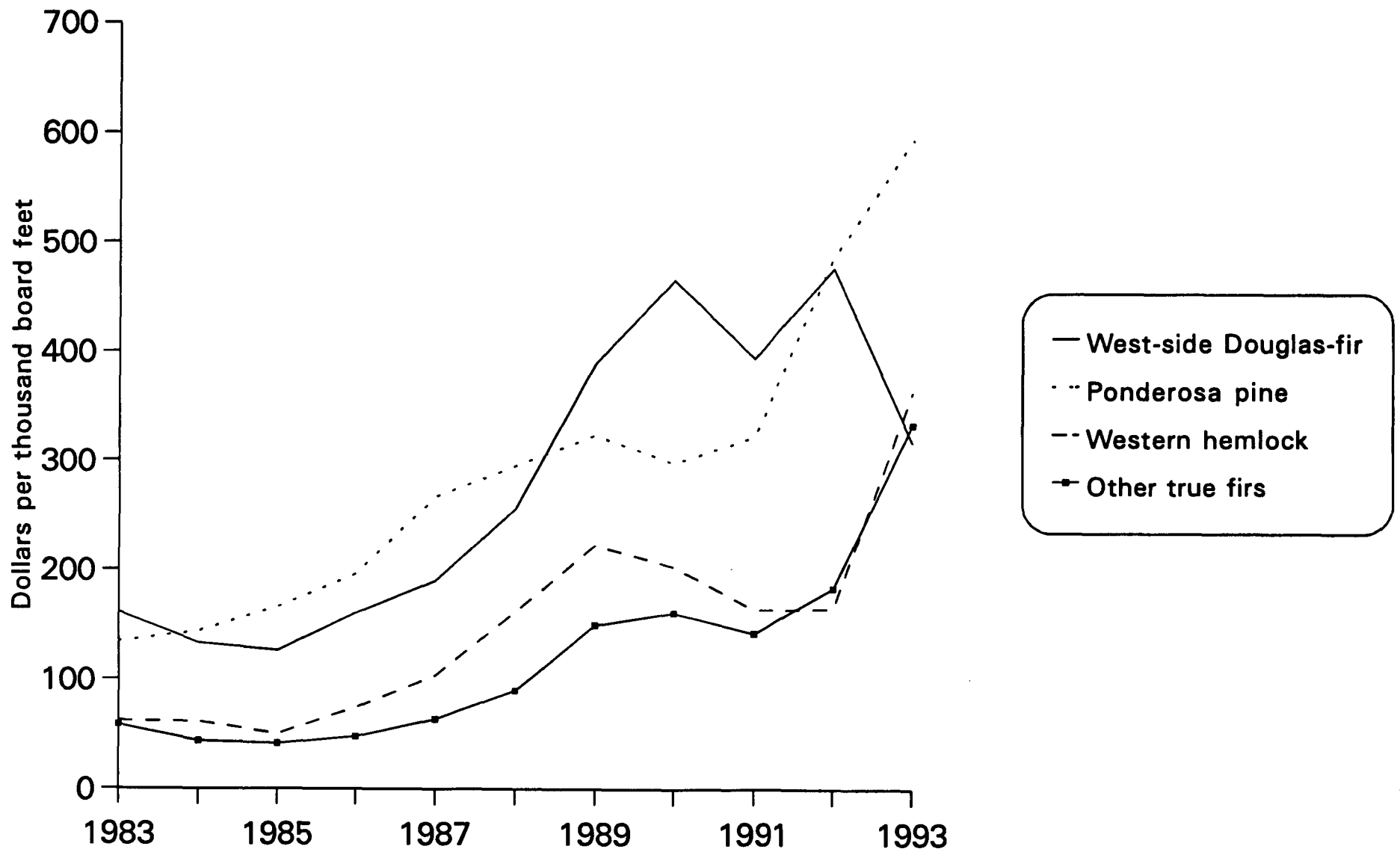


Table 92--Volume and average value of timber harvested on the National Forests of the Pacific Northwest Region, 1994

(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.	13.8	163.68	35.9	137.51	12.7	75.78	11.9	321.75	34.2	406.87
2d qtr.	3.2	101.94	49.3	124.99	7.1	307.15	15.7	297.19	19.3	292.49
3d qtr.	7.7	155.27	8.4	87.79	7.1	162.15	31.7	304.81	18.9	295.97
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.	5.5	276.74	5.2	459.13	9.1	534.19	6.6	227.11	1.7	91.78
2d qtr.	2.2	87.38	6.8	402.13	8.1	499.07	3.2	189.04	1.8	178.13
3d qtr.	8.6	217.55	14.8	344.36	5.3	253.92	6.1	148.41	2.4	144.94
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.	8.2	387.78	4.7	495.00	4.8	258.67	2.5	190.46	9.5	408.23
2d qtr.	21.0	291.12	4.7	547.49	1.1	228.80	1.6	192.52	40.8	463.52
3d qtr.	8.7	367.85	1.5	521.44	.1	200.10	5.8	247.16	23.4	384.62
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.	9.7	159.31	2.4	105.46	18.3	458.05	17.6	285.21	50.6	422.02
2d qtr.	4.9	146.54	5.5	211.22	31.7	387.54	17.3	143.13	101.4	411.23
3d qtr.	7.6	25.28	11.0	125.54	28.6	431.64	5.0	168.68	77.1	394.90
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.	122.0	260.11	19.1	288.02	22.6	177.49	0.0	--	214.3	292.13
2d qtr.	109.5	200.87	19.8	262.69	13.4	177.77	4.6	247.36	248.7	291.19
3d qtr.	58.0	194.64	42.7	278.24	26.1	136.17	0.0	--	203.9	280.35
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 93—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1994^{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	10,263	463.94	1,062	612.22	0	—	1,000	297.94	891	389.69	14,484	439.43
2d quarter	0	—	0	—	0	—	0	—	0	—	55	260.00
3d quarter	514	640.49	0	—	0	—	0	—	0	—	6,754	481.22
4th quarter												
Total and average												
Rogue River—												
1st quarter	0	—	0	—	0	—	0	—	0	—	0	—
2d quarter	5,970	838.38	0	—	470	587.67	0	—	1,455	742.54	8,610	902.77
3d quarter	150	1,027.83	0	—	0	—	0	—	60	1,094.67	240	970.38
4th quarter												
Total and average												
Siskiyou—												
1st quarter	1,845	631.37	0	—	140	431.01	0	—	1,310	468.95	3,726	507.79
2d quarter	0	—	0	—	0	—	0	—	0	—	0	—
3d quarter	80	780.07	0	—	0	—	0	—	0	—	80	780.07
4th quarter												
Total and average												
Siulaw—												
1st quarter	0	—	0	—	0	—	0	—	0	—	0	—
2d quarter	0	—	0	—	0	—	0	—	0	—	0	—
3d quarter	0	—	0	—	0	—	0	—	0	—	0	—
4th quarter												
Total and average												
Umpqua—												
1st quarter	455	800.75	0	—	0	—	0	—	0	—	594	853.84
2d quarter	5,484	1,128.37	0	—	0	—	2,000	672.89	0	—	9,531	849.87
3d quarter	7,006	968.00	0	—	0	—	610	473.92	0	—	8,480	863.66
4th quarter												
Total and average												
Willamette—												
1st quarter	7,385	554.82	0	—	0	—	265	69.83	0	—	8,081	513.04
2d quarter	0	—	0	—	0	—	0	—	0	—	0	—
3d quarter	452	490.55	0	—	0	—	0	—	0	—	481	481.01
4th quarter												
Total and average												
All western Oregon:												
1st quarter	18,948	520.76	1,062	612.22	140	431.01	1,265	250.16	2,201	438.86	26,865	475.80
2d quarter	11,454	1,028.67	0	—	470	587.67	2,000	672.89	1,455	742.54	18,186	873.12
3d quarter	8,202	920.43	0	—	0	—	610	473.92	60	1,094.67	15,965	683.88
4th quarter												
Total and average												
Western Washington:												
Gifford Pinchot—												
1st quarter	0	—	0	—	0	—	0	—	0	—	0	—
2d quarter	0	—	0	—	0	—	0	—	0	—	0	—
3d quarter	1,256	624.21	0	—	0	—	58	344.90	0	—	1,675	576.49
4th quarter												
Total and average												
Mount Baker-Snoqualmie—												
1st quarter	7	549.43	0	—	0	—	0	—	0	—	7	549.43
2d quarter	25	424.56	0	—	0	—	0	—	0	—	25	424.56
3d quarter	0	—	0	—	0	—	0	—	0	—	0	—
4th quarter												
Total and average												
Olympic—												
1st quarter	1,750	386.39	0	—	0	—	2,180	244.53	0	—	3,930	307.70
2d quarter	170	616.07	0	—	0	—	305	286.24	0	—	520	402.37
3d quarter	0	—	0	—	0	—	0	—	0	—	0	—
4th quarter												
Total and average												

Table 93—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1994^{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	1,757	387.04	0	--	0	--	2,180	244.53	0	--	3,937	308.13
2d quarter	195	591.52	0	--	0	--	305	296.24	0	--	545	403.38
3d quarter	1,256	624.21	0	--	0	--	374	354.68	0	--	1,875	576.49
4th quarter												
Total and average												
All western Oregon and western Washington:												
1st quarter	21,705	509.93	1,082	612.22	140	431.01	3,445	246.59	2,201	436.86	30,802	454.36
2d quarter	11,649	1,022.53	0	--	470	587.67	2,305	623.05	1,455	742.54	18,741	859.46
3d quarter	9,458	881.09	0	--	0	--	984	428.60	60	1,094.67	17,670	673.70
4th quarter												
Total and average												
Eastern Oregon:												
Deschutes--												
1st quarter	0	--	0	--	30	74.14	0	--	0	--	18,920	157.37
2d quarter	0	--	0	--	2,210	74.21	0	--	0	--	6,300	44.71
3d quarter	0	--	0	--	1,720	288.06	0	--	0	--	17,249	125.53
4th quarter												
Total and average												
Fremont--												
1st quarter	0	--	0	--	127	325.01	0	--	10,062	84.11	10,644	83.88
2d quarter	0	--	0	--	0	--	0	--	0	--	700	10.55
3d quarter	0	--	0	--	589	37.51	0	--	75	17.28	4,584	41.03
4th quarter												
Total and average												
Malheur--												
1st quarter	0	--	1,282	273.28	688	357.42	0	--	0	--	1,970	302.66
2d quarter	0	--	440	307.28	525	339.94	0	--	1,614	276.17	2,569	293.55
3d quarter	0	--	1,630	76.52	2,066	98.68	0	--	1,403	98.69	6,077	185.08
4th quarter												
Total and average												
Ochoco--												
1st quarter	0	--	0	--	285	315.91	0	--	1,000	421.00	1,285	396.14
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--	0	--	0	--
4th quarter												
Total and average												
Umatilla--												
1st quarter	0	--	0	--	0	--	0	--	100	292.46	500	125.00
2d quarter	0	--	0	--	0	--	0	--	150	457.04	884	92.04
3d quarter	0	--	0	--	0	--	0	--	0	--	0	--
4th quarter												
Total and average												
Wallowa-Whitman--												
1st quarter	0	--	0	--	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--	0	--	0	--
3d quarter	0	--	770	225.53	0	--	0	--	4,652	108.71	5,422	121.03
4th quarter												
Total and average												
Winema--												
1st quarter	0	--	0	--	3,650	432.39	0	--	300	218.06	6,500	367.11
2d quarter	0	--	400	140.89	0	--	0	--	600	45.18	1,000	83.46
3d quarter	0	--	0	--	460	162.51	0	--	0	--	810	236.58
4th quarter												
Total and average												
All eastern Oregon:												
1st quarter	0	--	1,282	273.28	4,780	409.55	0	--	11,462	118.83	39,619	186.48
2d quarter	0	--	840	228.04	2,736	125.22	0	--	2,364	229.02	11,473	105.81
3d quarter	0	--	2,400	124.33	4,835	164.67	0	--	6,130	105.30	34,142	126.70
4th quarter												
Total and average												

Table 93—Volume and average stumpage price of selected species sold on the National Forests of the Pacific Northwest Region, 1994^{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	—	1,673	516.40	14	920.21	0	—	0	—	8,351	318.52
2d quarter	0	—	7,002	432.52	14	488.57	0	—	1,540	353.49	25,666	281.93
3d quarter	0	—	0	—	0	—	0	—	540	262.87	4,180	238.30
4th quarter												
Total and average												
Okanogan—												
1st quarter	0	—	420	32.27	0	—	0	—	0	—	420	32.27
2d quarter	0	—	2,080	452.80	0	—	0	—	0	—	2,390	424.70
3d quarter	0	—	128	190.87	0	—	0	—	0	—	298	296.16
4th quarter												
Total and average												
Wenatchee—												
1st quarter	0	—	1,645	291.23	592	246.82	115	307.79	0	—	3,305	209.38
2d quarter	0	—	1,328	400.68	10	275.90	0	—	0	—	1,383	390.59
3d quarter	0	—	51	348.58	0	—	0	—	0	—	221	222.76
4th quarter												
Total and average												
All eastern Washington:												
1st quarter	0	—	3,738	362.91	606	262.18	115	307.79	0	—	12,076	278.69
2d quarter	0	—	10,410	432.47	24	399.98	0	—	1,540	353.49	28,439	298.62
3d quarter	0	—	179	235.81	0	—	0	—	540	262.87	4,689	241.24
4th quarter												
Total and average												
All eastern Oregon and eastern Washington:												
1st quarter	0	—	5,020	340.02	5,386	392.87	115	307.79	11,462	118.83	51,895	207.94
2d quarter	0	—	11,259	417.20	2,759	127.61	0	—	3,904	278.12	40,912	244.55
3d quarter	0	—	2,579	132.07	4,835	164.67	0	—	6,670	118.05	38,841	140.56
4th quarter												
Total and average												
Pacific Northwest Region:												
1st quarter	21,705	509.93	6,102	388.29	5,526	393.93	3,560	248.57	13,663	170.06	82,697	299.72
2d quarter	11,649	1,022.53	11,250	417.20	3,229	194.57	2,305	623.05	5,358	404.21	59,653	437.74
3d quarter	9,458	881.09	2,579	132.07	4,835	164.67	984	428.60	6,730	126.76	56,511	307.27
4th quarter												
Total and average												
All of Oregon:												
1st quarter	19,948	520.76	2,364	428.41	4,920	410.16	1,265	250.16	13,663	170.06	66,684	303.04
2d quarter	11,454	1,029.67	840	228.04	3,205	193.03	2,000	672.89	3,819	424.66	29,669	576.40
3d quarter	8,202	820.43	2,400	124.33	4,835	164.67	610	473.92	6,190	114.89	50,137	304.46
4th quarter												
Total and average												
All of Washington:												
1st quarter	1,757	387.04	3,738	362.91	606	262.18	2,295	247.70	0	—	16,013	285.93
2d quarter	195	591.52	10,410	432.47	24	399.98	305	296.24	1,540	353.49	29,984	300.53
3d quarter	1,256	624.21	179	235.81	0	—	374	354.68	540	262.87	6,374	329.34
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 94--Volume of timber sold on publicly owned or managed lands in Alaska, 1989-94

(In thousand board feet, Scribner scale)

Agency	1989	1990	1991	1992	1993		1994				Total
					Total	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	168,050	32,174	50,747	155,731	67,195	14,999	5,814	36,493	18,040		
U.S. Bureau of Land Manage. ^b	21	0	359	175	520	200	69	0	181		
U.S. Bureau of Indian Affairs	65	11,700	59	57	1,200	0	6,015	0	0		
State of Alaska	18,764	32,534	8,374	12,479	23,160	1,870	NA	NA	NA		
Total	186,900	76,407	59,539	168,442	92,075	17,069	NA	NA	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 95—Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1989-94

(In dollars per thousand board feet)

Agency	1989	1990	1991	1992	1993		1994				Total
					Average	3d qtr.	1st qtr.	2d qtr.	3d qtr.	4th qtr.	
USDA Forest Service ^a	121.59	60.79	35.09	18.88	102.27	134.59	101.89	130.96	125.17		
U.S. Bureau of Land Manage. ^b	64.48	--	19.27	11.91	11.73	4.00	10.22	--	4.64		
U.S. Bureau of Indian Affairs	16.20	341.88	54.69	38.60	49.61	--	101.00	--	--		
State of Alaska	30.35	27.09	21.49	33.63	49.80	25.60	NA	NA	NA		
Average	112.39	89.49	33.10	19.97	87.87	121.12	NA	NA	NA		

NA = not available.

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

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

Source: Respective agencies listed.

Table 96—Volume of sawtimber sold on National Forests by selected species, Alaska Region, 1986-94

(Volume in thousand board feet, Scribner scale)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1986	41,784	131,364	a	17,537	190,685
1987	38,147	67,293	a	17,741	123,181
1988	4,666	9,582	1,292	638	17,997
1989	30,271	52,070	18,684	786	101,998
1990	7,348	14,549	4,008	0	25,905
1991	-77,975	-193,227	-5,191	693	-275,701
1992	32,192	77,129	25,728	30	135,079
1993:					
1st qtr.	901	1,976	860	54	3,790
2d qtr.	3,284	9,699	1,539	0	14,521
3d qtr.	3,104	9,490	1,367	0	13,960
4th qtr.	5,817	10,432	3,742	1	19,992
1993 total	13,106	31,597	7,508	55	52,263
1994:					
1st qtr.	1,025	3,639	890	41	5,594
2d qtr.	7,778	18,961	5,203	52	31,993
3d qtr.	4,436	8,455	1,574	560	15,025
4th qtr.					
1994 total					

^a Volume of cedar is included in "other softwoods" category.

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

Table 97--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1983-94^a

(In dollars per thousand board feet)

Year and quarter	Sitka spruce	Western hemlock	Cedars	Other softwoods	All species
1983	29.00	6.70	b	8.90	14.60
1984	18.83	4.67	b	76.32	18.86
1985	18.78	5.73	b	29.97	13.77
1986	18.08	17.41	b	32.46	18.94
1987	58.23	25.02	b	167.06	55.76
1988	168.95	33.91	277.17	15.50	83.77
1989	201.35	84.86	290.31	46.55	156.68
1990	337.81	83.55	289.40	-	187.53
1991	174.48	11.34	238.05	43.70	61.67
1992	78.82	3.24	132.93	21.03	45.96
1993:					
1st quarter	32.87	3.65	135.08	30.00	40.78
2d quarter	225.45	2.05	234.92	-	77.24
3d quarter	311.26	107.89	624.29	-	203.66
4th quarter	175.88	20.93	615.49	20.00	177.31
1993 average	211.06	40.25	484.29	29.91	146.86
1994:					
1st quarter	390.38	37.05	839.80	80.00	229.76
2d quarter	232.99	19.66	602.94	84.11	166.48
3d quarter	457.62	1.62	923.18	69.00	235.30
4th quarter					
1994 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 98—Volume and average value of all species of all timber products sold from the USDA Forest Service Regions of the Western United States, 1983-94^a

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

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region—east side		Pacific Northwest Region—west side		Alaska Region	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume ^b	Value
1983	1,055.3	45.93	330.0	13.64	355.2	35.74	395.4	20.89	1,782.4	70.75	1,625.8	68.28	3,333.5	110.12	82.4	14.68
1984	865.9	33.16	455.8	12.27	409.4	35.03	381.2	16.69	1,473.1	61.21	1,629.4	64.18	3,278.2	86.00	60.2	17.65
1985	948.4	26.07	443.7	8.64	293.0	21.64	428.7	15.12	1,602.7	56.37	1,442.0	70.54	2,826.3	77.08	51.1	6.98
1986	926.8	28.23	334.0	19.68	483.9	26.36	447.7	23.74	1,456.9	72.30	2,020.7	87.64	3,761.9	108.49	255.6	9.12
1987	942.0	41.20	427.5	20.79	420.3	52.67	367.7	36.19	1,617.2	110.47	1,637.0	119.09	3,284.7	133.99	137.6	26.79
1988	918.9	47.23	409.3	33.43	443.1	49.93	386.8	57.68	2,012.0	118.35	1,734.9	136.85	3,172.4	187.27	20.2	73.57
1989	904.1	93.45	384.9	43.78	315.3	59.39	403.8	59.73	1,438.5	154.32	1,282.8	161.75	1,142.3	267.42	117.3	107.95
1990	750.6	111.23	372.5	49.70	350.4	65.24	401.1	69.75	1,576.8	142.45	1,496.3	144.07	3,380.1	337.73	32.2	60.79
1991	717.7	102.64	268.5	46.81	221.2	54.96	279.4	80.11	729.7	152.10	766.0	140.74	296.6	227.89	50.8	35.05
1992	501.0	149.51	316.7	135.46	225.4	116.15	320.7	123.13	1,238.4	126.43	505.1	177.27	261.5	282.88	155.7	18.88
1993:																
1st qtr.	80.7	344.21	41.2	153.37	9.5	64.07	65.7	269.90	88.2	303.72	236.2	382.66	17.1	403.99	12.3	5.38
2d qtr.	82.0	318.08	65.0	154.49	17.0	117.65	99.4	336.99	131.5	158.84	100.1	279.92	21.1	389.88	16.7	69.21
3d qtr.	139.0	245.42	61.3	123.60	47.5	117.42	121.6	164.32	235.7	235.08	67.8	63.14	88.7	180.61	15.0	134.59
4th qtr.	80.3	237.52	75.1	176.48	29.9	50.41	52.9	246.66	244.1	275.18	52.4	73.20	54.5	323.00	23.2	156.36
Total and average	382.0	280.22	242.5	153.30	103.9	93.32	339.5	248.01	699.4	243.40	456.5	277.15	181.4	268.79	67.2	102.27
1994:																
1st qtr.	46.1	348.68	29.6	262.65	18.8	72.66	25.0	174.55	26.6	265.30	92.6	164.13	29.3	371.00	5.8	101.89
2d qtr.	30.7	255.45	47.6	156.12	19.5	67.25	49.6	232.09	353.2	236.76	76.8	159.29	54.2	550.46	36.5	130.96
3d qtr.	37.6	182.46	62.6	223.55	50.7	111.26	62.4	236.89	91.1	74.89	42.8	108.93	31.1	455.31	18.0	125.17
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 8--Average value of all timber products sold from Forest Service Regions of the Western United States



Table 99—Volume and average value of all species of timber harvested from the USDA Forest Service Regions of the Western United States, 1983-94^a

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

Year	Northern Region		Rocky Mountain Region		Southwestern Region		Intermountain Region		Pacific Southwest Region		Pacific Northwest Region—east side		Pacific Northwest Region—west side		Alaska Region	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
1983	1,071.9	38.15	345.8	10.48	378.4	42.52	417.2	20.09	1,676.3	97.71	1,542.8	95.43	2,744.7	96.03	251.9	10.01
1984	921.8	40.89	386.6	13.80	401.6	30.84	385.9	17.16	1,559.1	80.13	1,715.5	87.03	2,953.7	100.52	249.1	14.91
1985	991.9	36.70	372.2	13.47	426.7	45.80	438.2	17.47	1,815.5	72.82	1,776.6	86.39	2,983.9	87.28	265.6	-10.47
1986	1,016.1	37.73	452.6	12.91	502.6	46.32	476.9	17.43	1,952.3	82.15	1,948.9	92.84	3,306.1	99.15	272.2	3.29
1987	1,132.1	42.05	433.4	14.92	486.6	56.42	446.2	25.51	1,960.3	102.57	1,970.2	106.03	3,470.6	118.58	352.2	-8.87
1988	920.7	46.49	419.6	17.79	522.7	61.98	449.3	32.28	2,160.6	104.53	1,727.4	121.18	3,778.8	166.32	408.9	4.86
1989	1,085.0	56.25	405.0	24.34	499.4	53.69	410.2	41.20	2,014.5	119.30	1,932.8	130.31	3,031.2	193.68	461.9	13.30
1990	904.5	68.55	383.8	29.81	361.7	40.50	408.2	51.95	1,521.1	123.13	1,546.0	122.53	1,941.8	237.93	475.0	39.48
1991	806.8	78.54	389.8	37.91	337.9	59.82	369.1	59.93	1,336.2	139.30	1,267.1	157.22	1,484.1	261.15	326.5	14.03
1992	779.3	104.74	327.9	68.56	301.4	85.38	344.1	86.52	1,021.6	174.43	1,015.4	172.58	965.2	292.29	395.3	-25.91
1993:																
1st qtr.	103.1	161.63	53.7	145.65	15.2	88.03	34.5	150.07	39.2	152.24	211.0	311.45	101.9	353.56	43.1	5.95
2d qtr.	78.3	148.30	24.6	133.79	36.5	128.93	62.8	283.27	130.5	248.20	185.6	283.93	161.5	392.06	86.1	37.37
3d qtr.	238.9	136.36	76.6	81.66	41.7	60.38	133.6	150.93	321.4	208.19	283.0	199.12	255.2	344.63	98.8	19.44
4th qtr.	186.7	174.81	88.6	76.08	47.6	125.37	125.0	151.31	247.8	217.28	275.9	208.86	184.0	361.76	99.1	40.95
Total and average	607.1	154.02	243.4	99.00	141.0	103.05	355.9	174.10	738.9	215.34	955.4	243.21	702.6	361.32	327.1	28.90
1994:																
1st qtr.	101.1	202.40	50.5	143.09	17.7	113.29	38.4	268.39	69.3	146.31	144.6	247.18	69.7	385.31	42.1	77.41
2d qtr.	88.3	177.39	31.8	120.91	18.3	103.72	35.8	138.64	415.2	215.39	122.9	198.35	125.8	381.86	207.9	35.85
3d qtr.	185.0	175.71	89.7	72.20	32.0	98.35	96.2	122.39	197.9	245.82	84.1	176.51	119.8	353.31	74.5	45.18
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 100—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, 1988-93^a

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

Species and year	Coast ^d		Interior ^e		Species and year	Coast ^d		Interior ^e	
	Volume	Average value	Volume	Average value		Volume	Average value	Volume	Average value
Balsam:					Lodgepole				
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:				
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:				
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:				
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:				
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
					1992	14,478	9.81	40,052	6.63
					1993	17,003	11.24	50,082	7.89
Larch:									
1988	0	—	325	3.86					
1989	0	—	382	5.90					
1990	0	—	377	7.26					
1991	0	—	282	6.19					

Note: Individual species not available since 1991.

^a Fiscal year ending March 31.

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

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

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

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

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

Table 101—Uncut volume under contract on National Forest lands in Montana, Idaho, California, Oregon, and Washington, 1984-94^a

(In million board feet, Scribner log rule)

Year	California	Montana	Idaho ^b		Oregon ^c	Washington ^c
			Northern	Southern		
1984	7,278.0	1,752.2	1,740.1	810.0	12,857.4	5,312.0
1985	7,179.0	2,046.0	1,785.2	^d 707.0	13,278.2	5,362.4
1986	4,911.0	1,924.4	1,947.5	712.3	7,777.6	2,970.6
1987	4,108.7	1,297.1	1,390.7	^d 612.3	7,161.8	2,805.3
1988	3,411.0	980.8	1,272.0	^d 481.3	6,864.5	3,094.6
1989	2,787.2	813.4	1,263.3	475.8	5,289.5	1,783.3
1990	2,214.5	630.6	1,126.9	513.7	4,114.5	1,339.9
1991	1,784.9	638.0	1,078.0	468.3	3,942.2	1,403.4
1992	1,003.3	568.4	856.7	378.1	2,777.1	1,039.5
1993	909.7	471.8	711.6	397.2	2,048.8	775.2
1994	788.8	387.8	486.8	310.8	1,316.1	630.7

^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 102—Funded fiscal year sale program volume on National Forest lands in Oregon and Washington, 1984-94

(In million board feet, Scribner scale)

Fiscal year	Oregon ^a	Washington	Total
1984	3,608	1,320	4,928
1985	3,457	1,253	4,710
1986	3,469	1,216	4,685
1987	3,874	1,279	5,153
1988	3,925	1,317	5,242
1989-90	5,600	2,100	7,700
1991	2,625	653	3,278
1992	2,401	568	2,969
1993	1,855	424	2,279
1994	788	212	1,000

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 103—Sale quantity and uncut volume under contract on Bureau of Land Management lands in Oregon, 1984-94

(In million board feet, Scribner scale)

Year	Sale quantity	Uncut volume under contract	Ratio
1984	1,023	3,639	3.6
1985	1,000	3,498	3.5
1986	1,574	2,104	1.3
1987	1,188	2,129	1.8
1988	1,183	1,700	1.4
1989	762	1,189	1.6
1990	1,193	1,013	.8
1991	462	925	2.0
1992	69	616	8.9
1993	49	175	3.6
1994	NA	NA	NA

NA = not available.

Source: Bureau of Land Management.

Table 104—Allowable annual cut and uncut volume under contract on Oregon State lands, 1983-93^a

(In million board feet, Scribner scale)

Year	Allowable cut	Uncut volume under contract	Ratio
1983	205	503	2.5
1984	202	555	2.7
1985	210	461	2.2
1986	222	389	1.8
1987	197	367	1.9
1988	193	307	1.6
1989	193	286	1.5
1990	180	219	1.2
1991	150	296	2.0
1992	121	273	2.3
1993	121	185	1.5

^a As of December 31.

Source: State of Oregon, Department of Forestry.

Table 105—Sustainable harvest and uncut volume under contract on Washington State lands, 1984-94^a

(In million board feet, Scribner scale)

Year	Sustainable harvest	Uncut volume under contract	Ratio
1984	777	1,395	1.8
1985	777	1,165	1.5
1986	778	1,013	1.3
1987	778	853	1.1
1988	778	796	1.0
1989	778	851	1.1
1990	857	831	1.0
1991	^b 840	856	1.0
1992	^b 840	749	.9
1993	^b 840	803	1.0
1994	^b 840	819	1.0

^a As of June 30.

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

Source: State of Washington, Department of Natural Resources.

Table 106--Small business set-aside sales and total sales on the National Forests, Pacific Northwest Region, 1989-94

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
1989	6	35	0	22	4	33	9	61	5	50
1990	15	34	12	56	6	30	15	63	2	55
1991	7	25	1	23	5	24	5	16	6	35
1992	1	16	9	25	6	19	5	11	10	44
1993	0	8	2	12	5	23	1	7	5	29
1994:										
1st qtr.	1	9	0	5	1	3	0	0	4	7
2d qtr.	0	9	1	1	0	2	0	0	3	6
3d qtr.	1	8	1	7	0	10	0	2	1	7
4th qtr.										
1994 total										
	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales	Set-aside sales	Total sales
1989	25	50	14	54	8	16	1	17	4	32
1990	24	62	20	100	11	32	2	20	4	49
1991	3	12	6	30	5	19	0	13	0	9
1992	0	7	11	27	6	14	0	13	0	7
1993	0	6	6	36	1	5	0	14	4	5
1994:										
1st qtr.	0	1	1	9	1	5	0	1	3	3
2d qtr.	0	1	0	2	0	0	1	1	0	2
3d qtr.	0	0	0	6	0	0	0	1	0	0
4th qtr.										
1994 total										
	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
1989	23	35	3	23	9	56	1	30	25	115
1990	26	51	8	50	10	88	1	33	25	116
1991	4	5	1	2	1	8	1	18	2	24
1992	1	1	1	2	2	6	2	12	3	9
1993	12	13	0	11	2	12	4	5	3	17
1994:										
1st qtr.	0	0	0	7	0	0	0	1	0	4
2d qtr.	6	6	0	0	0	0	0	4	1	8
3d qtr.	1	1	0	2	0	0	0	0	0	4
4th qtr.										
1994 total										
	Wallawa-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
1989	6	41	10	48	25	127	8	30	188	875
1990	4	37	0	59	85	205	12	26	282	1,216
1991	2	25	1	13	7	33	3	20	60	354
1992	15	34	1	10	11	33	0	15	84	305
1993	0	11	1	17	17	29	6	14	71	274
1994:										
1st qtr.	0	0	0	5	4	10	0	3	15	73
2d qtr.	0	0	0	4	0	0	0	1	12	48
3d qtr.	0	1	0	3	1	3	0	3	5	58
4th qtr.										
1994 total										

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

Table 107—Volume and average value of timber sold on set-aside sales on the National Forests, Pacific Northwest Region, 1989-94

(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
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	180.13
1992	40	185.00	29,050	136.32	14,940	446.32	6,547	121.09	1,915	142.07
1993	0	—	1,075	705.35	23,340	535.30	325	381.87	749	414.16
1994:										
1st qtr.	25	374.00	0	—	1,314	140.48	0	—	530	183.49
2d qtr.	0	—	5,150	40.27	0	—	0	—	441	223.58
3d qtr.	570	134.24	7,070	132.47	0	—	0	—	95	72.88
4th qtr.										
1994 total										
	Mount Baker-Snoqualmie		Mount Hood		Ochoco		Okanogan		Olympic	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1989	64,005	281.85	4,536	153.31	58,900	266.91	350	38.73	1,885	202.59
1990	57,980	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	283.28	0	—	0	—
1992	0	—	4,685	208.23	17,580	577.39	0	—	0	—
1993	0	—	5,767	343.25	150	335.00	0	—	7,500	295.61
1994:										
1st qtr.	0	—	2,382	462.77	75	480.00	0	—	3,930	307.70
2d qtr.	0	—	0	—	0	—	2,390	424.70	0	—
3d qtr.	0	—	0	—	0	—	0	—	0	—
4th qtr.										
1994 total										
	Rogue River		Siskiyou		Siwash		Umatilla		Umpqua	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
1989	67,905	260.39	710	443.82	1,972	310.35	670	10.45	3,181	294.24
1990	51,970	283.37	2,378	231.64	2,678	270.04	580	20.81	5,305	319.21
1991	645	143.65	170	25.10	250	298.00	194	87.31	72	507.17
1992	18	155.33	70	52.60	227	98.65	124	214.66	1,220	418.93
1993	8,030	480.78	0	—	1,820	285.08	8,011	368.78	247	637.62
1994:										
1st qtr.	0	—	0	—	0	—	0	—	0	—
2d qtr.	8,610	902.77	0	—	0	—	0	—	12	623.42
3d qtr.	240	970.38	0	—	0	—	0	—	0	—
4th qtr.										
1994 total										
	Walla-Walla		Wenatchee		Willamette		Winema		All forests	
	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value	Volume	Average value
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	13,900	401.73	20,730	280.08	116,007	208.09
1992	36,108	153.46	3,640	12.57	4,755	384.43	0	—	120,917	254.59
1993	0	—	700	179.13	6,500	503.88	20,740	452.20	84,954	449.51
1994:										
1st qtr.	0	—	0	—	1,625	595.88	0	—	9,881	365.05
2d qtr.	0	—	0	—	0	—	0	—	16,603	548.17
3d qtr.	0	—	0	—	180	415.00	0	—	8,135	182.18
4th qtr.										
1994 total										

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

Warren, Debra D. 1995. Production, prices, employment, and trade in Northwest forest industries, third quarter 1994. Resour. Bull. PNW-RB-208. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 130 p.

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

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

The **Forest Service** of the U.S. Department of Agriculture is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives—as directed by Congress—to provide increasingly greater service to a growing Nation.

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