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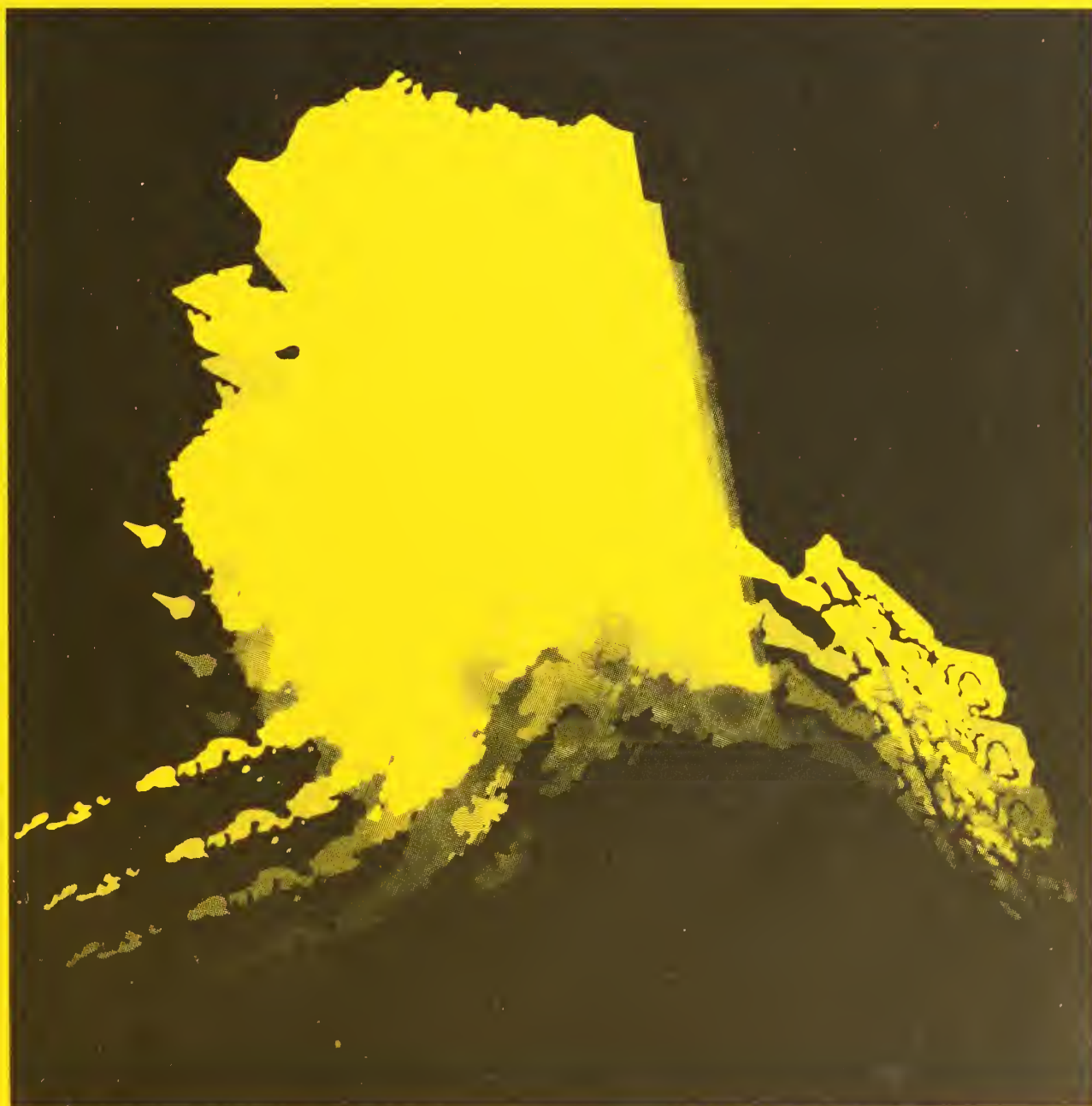
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Timber Resource Statistics for the Prince of Wales Inventory Unit, Alaska, 1973

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Authors

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Abstract

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Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1973 timber inventory of the Prince of Wales unit, Alaska. Timberland area is estimated at 1.38 million acres (557 593 ha), net growing stock volume at 7.56 billion cubic feet (214 million m³), and annual net growth and mortality at -65.24 and 100.26 million cubic feet (-1.85 and 2.84 million m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (southeast).

Summary

This report for the 2.28-million-acre (923 760-ha) Prince of Wales timber inventory unit is the fourth in a series of six reports for southeast Alaska. The Prince of Wales unit is in the panhandle of southeast Alaska, and includes Prince of Wales, Coronation, Noyes, Baker, Lulu, San Fernando, Suemez, and Dall Islands, among others. The northern edge of the unit is bounded by Sumner Strait; on the east side, by Clarence Strait. The southern edge is the border between the United States and Canada. The Pacific Ocean forms the western boundary of the unit. Except for cities, towns, and private in-holdings, the unit is entirely within the Tongass National forest.

This is the first general reinventory of the forests in the Prince of Wales unit, which were first inventoried in 1957. It is also the second remeasurement of the growth and mortality plots established in 1957; they were also remeasured in 1968.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1973 timber resource inventory of the Prince of Wales unit. Timberland area is estimated at 1.38 million acres (557 593 ha), net growing stock volume at 7.56 billion cubic feet (213.95 million m³), and net annual growth and mortality at -65.24 and 100.26 million cubic feet (-1.85 and 2.84 million m³), respectively.

Preface

Forest Inventory and Analysis (formerly Forest Survey) is a nationwide project of the USDA Forest Service authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. Work units of the project, located at Forest Service Experiment Stations, conduct forest resource inventories throughout the 50 States. The Pacific Northwest Forest and Range Experiment Station at Portland, Oregon, is responsible for inventories in Alaska, California, Hawaii, Oregon, and Washington.

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Highlights

	<i>Thousand acres</i>	<i>Thousand hectares</i>
Total Prince of Wales inventory unit area:	2,282.68	923.76
With forests	2,155.12	872.15
With nonforest	111.11	44.96
With non-Census water	16.45	6.66
With Census water	<u>1/</u>	<u>1/</u>
Forested area:		
Timberland	1,377.84	557.59
Other forest land	777.28	314.55
Timberland composition:		
Old-growth sawtimber	1,233.09	499.01
Young-growth sawtimber	23.47	9.50
Poletimber	11.74	4.75
Seedlings and saplings, and nonstocked	109.55	44.33
Timberland forest type composition:		
Sitka spruce	103.10	41.72
Hemlock-spruce	93.36	37.78
Western redcedar	257.88	104.36
Western hemlock	817.89	330.99
Mountain hemlock	46.94	18.99
Alaska-cedar	58.67	23.74
Lodgepole pine	<u>1/</u>	<u>1/</u>
Other softwoods	<u>1/</u>	<u>1/</u>
Red alder	<u>1/</u>	<u>1/</u>
Cottonwood/poplar	<u>1/</u>	<u>1/</u>
Other hardwoods	<u>1/</u>	<u>1/</u>

1/No data were collected.

	<u>All</u> <u>growing stock</u>		<u>Sawtimber</u> <u>growing stock</u>	
	<i>Million</i> <i>cubic</i> <i>feet</i> <u>2/</u>	<i>Million</i> <i>cubic</i> <i>meters</i> <u>2/</u>	<i>Million</i> <i>board</i> <i>feet</i> <u>3/</u>	<i>Million</i> <i>cubic</i> <i>meters</i> <u>4/</u>
Volumes on timberland:				
Total gross volume	8,571.36	242.71	46,375.68	227.75
Total net volume	7,555.78	213.95	35,176.30	199.68
Annual net growth	-65.24	-1.85	-400.86	-2.07
Annual net mortality	100.26	2.84	530.00	2.83

2/Volume of roundwood for live trees 5.0 inches (12.7 cm) in d.b.h. and larger.

3/Net volume, International 1/4-inch rule, for trees 11.0 inches (28 cm) in d.b.h. and larger.

4/Volume of roundwood for trees 11.0 inches (28 cm) in d.b.h. and larger.

Introduction

This report for the 2.28-million-acre (923 760-ha) Prince of Wales timber inventory unit is the fourth in a series of six reports for southeast Alaska. The Prince of Wales inventory unit lies between 56°30' north latitude and 54°30' south latitude, and between 132° east longitude and 134°30' west longitude in the panhandle of southeast Alaska. The unit includes all of Prince of Wales, Coronation, Noyes, Baker, Lulu, San Fernando, Suemez, and Dall Islands, among others (fig. 1). Except for cities, towns, and private in-holdings, the unit is entirely within the Tongass National Forest.

The Prince of Wales unit has a cool maritime climate. Temperatures tend to be slightly below freezing in the winter and are often comfortably warm in the summer; recorded extremes at lower elevations are -3°F to 88°F (-19°C to 31°C). Annual precipitation at lower elevations is between 100-200 inches (254-508 cm), which includes 30-60 inches (76.2-152.4 cm) of snow.

The geologic composition of the area is basically sandstone and fine grained sedimentary rocks rich in calcium carbonate. Most of the area is underlain by limestone, shale, some volcanic rocks, and conglomerates. On Prince of Wales Island there are areas of massive limestone.

This is the first general reinventory of the forests in the Prince of Wales unit, which were first inventoried in 1957. It is also the second remeasurement of the growth and mortality plots established in 1957; they were also remeasured in 1968.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1973 timber resource inventory of the Prince of Wales unit. Estimates for timberland total 1.38 million acres (557 593 ha) with a net growing stock volume of 7.56 billion cubic feet (213.95 million m³). Net annual growth and mortality are estimated at -65.24 and 100.26 million cubic feet (-1.85 and 2.84 million m³), respectively.

Inventory Procedures

The estimates of area and timber volumes from the 1973 timber reinventory are based on a double sampling (2-phase) technique (Bickford 1952). In the first phase of the sampling study, 10,857 photo points were systematically distributed over 1:15,840 scale aerial photographs, then interpreted. Each photo point was classified by land type. From the 10,857 photo points, a field sample of 147 ground plots were selected. Tree measurements were made on these plots in the second phase of the sampling. Corrected area classifications and measurements of volume on these ground plots served as the basis for the area and volume estimates presented in this report.

**Prince of Wales unit
inventory blocks**

1. KPC
2. Maybeso
3. Galea
4. Coronation
5. Sea Otter
6. Lulu
7. San Juan
8. Craig
9. Dall
10. Hydaburg
11. Long
12. Skowl

SCALE
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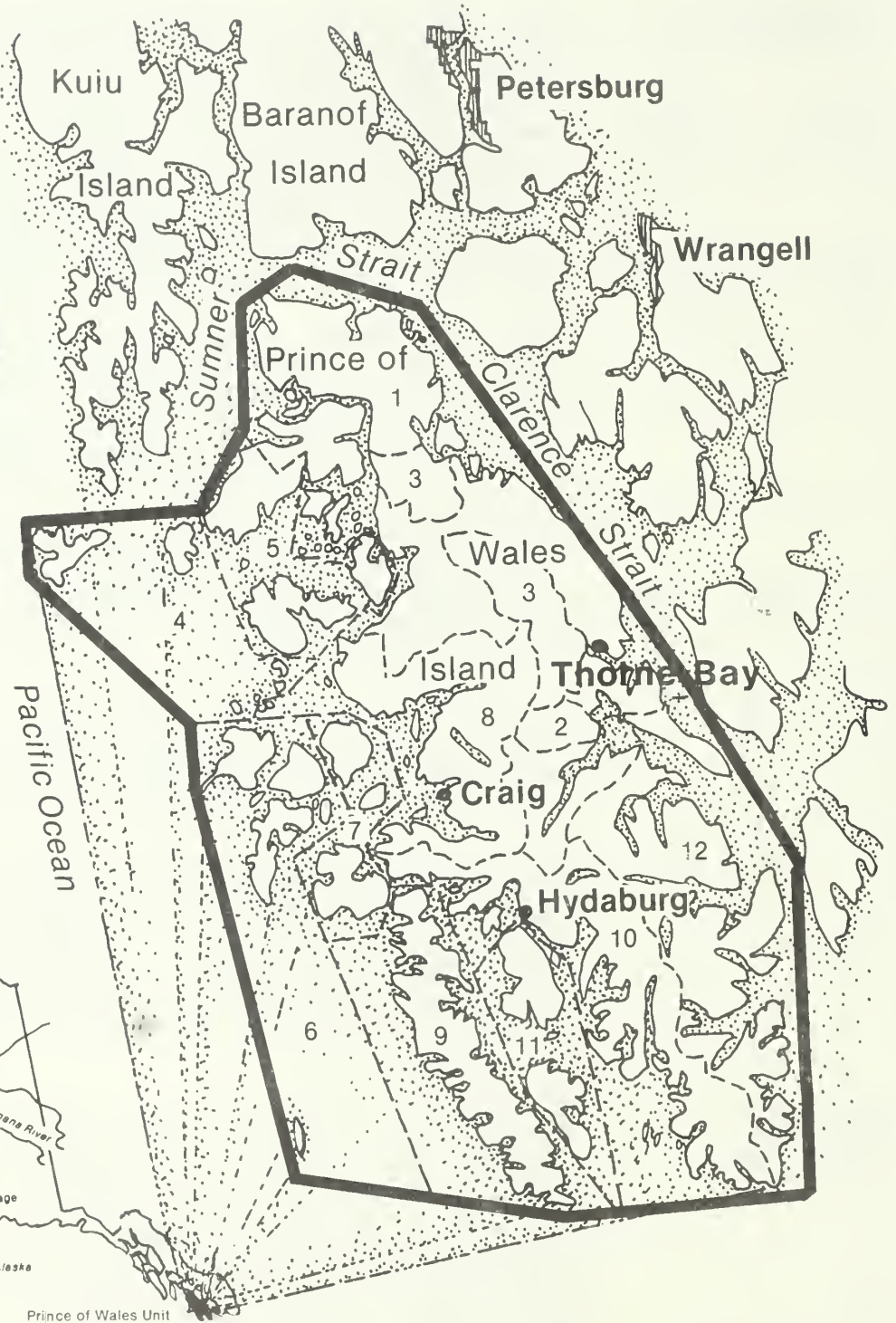


Figure 1.--Prince of Wales inventory unit.

Estimates of growth and mortality volumes presented are from 1973 remeasurements of 45 timber inventory plots established in 1957. Growth information from the reinventory plots was based on increment borings; the mortality estimates were based on estimations of the number of years since the trees died. Because mortality information is difficult to obtain this way, we used both the mortality and growth information from the remeasurement data rather than that from the reinventory data. The area base for the 1973 estimates of growth and mortality was calibrated to coincide with the area found in the 1973 timber reinventory.

Ownership Statistics

Statistics on land ownership are not presented in this report because of uncertainties of land status changes associated with Alaska Native and State of Alaska land selections and wilderness area withdrawals. These changes in land status are the result of Federal legislation: the Alaska Statehood Act of 1958, Public Law 85-508; the Alaska Native Claims Settlement Act of 1971, Public Law 92-203; and the Alaska National Interest Lands Conservation Act, Public Law 96-487. Alaska Native land selections and decisions on wilderness withdrawals seemed nearly settled at the end of 1982, but Alaska State selections will remain uncertain for the next 5-10 years. Fieldwork for our study was completed in 1973; we have delayed publishing the results, anticipating that shifts in land ownership would be resolved by now and the information on ownership could be reprocessed and resummarized for inclusion here.

With the promise of further delays in resolving ownership changes, we decided to release the statistics available now. Statistics on ownership and reserved land status plus a resource analysis will be presented in the future when the status of land shifts is more clear. It is clear now, however, that the Alaska Native and State of Alaska land selections are concentrating on timberlands, which will leave a reduced proportion of the better timberland in Federal ownership.

Timber Harvesting

A summary of volumes cut in the Ketchikan/Craig area of the Tongass National Forest is provided in table 24. Although this area does not coincide exactly with the inventory boundaries used by Forest Inventory and Analysis (FIA), the volume-cut figures provide an understanding of the amount of logging activity in the area from shortly after the 1973 inventory of the Prince of Wales unit through 1980.

Reliability of Inventory Data

All area and volume statistics reported here are estimates based on sampling and are subject to sampling error. Sampling errors for all estimates presented in the tables are available on request. The reliability of the inventory is expressed in terms of relative sampling error at the 68-percent confidence level.

	<u>Design sampling error</u>	<u>Sampling error achieved</u>	<u>Sampling error of the total estimate</u>
	- - - - - Percent - - - - -		
Timberland area:			
Per million acres	3.0	3.6	
For the total 1.38 million acres			3.0
Other forest land area:			
Per million acres	10.0	4.8	
For the total 0.78 million acres			5.5
Net growing stock volume:			
Per billion cubic feet	10.0	11.3	
For the total 7.56 billion ft ³			4.1
Net growth of growing stock:			
Per billion cubic feet	10.0	25.5	
For the total -0.07 billion ft ³			100.0

For the Prince of Wales inventory unit, we estimate 7.56 billion cubic feet of net growing stock volume, \pm 4.1 percent, yielding 68-percent confidence limits of 7.25 and 7.87 billion cubic feet. A 68-percent confidence level means that upon repeated sampling, about 68 percent of the confidence intervals constructed for each sample would capture the true value of the parameter being estimated.

Terminology ^{5/}

Allowable cut--The volume of timber that could be cut on timberland during a given period under specified management plans for sustained production, such as those in effect on National Forests.

Census water--Areas of water classed as water by the Bureau of the Census that are at least 40 acres (16 ha) in size with a minimum width of one-eighth mile (200 m). (Also see non-Census water.)

Class of timber--A classification of trees as growing stock, cull, and salvable dead. Growing stock trees are subdivided into poletimber and sawtimber trees.

Commercial species--A tree species suitable for industrial wood products.

Cull logs--Softwood sawtimber logs with two-thirds or more of the board-foot volume in cull material. Hardwood sawtimber logs with one-half or more of the volume in cull material.

Cull material--Portions of a tree unusable for industrial products because of rot, form, or other defect.

Cull trees--Live trees of sawtimber or poletimber size that are not merchantable for saw logs nor are they likely to become merchantable because of defect, rot, or species.

D.b.h.--Diameter at breast height, a point 4-1/2 feet (1.37 m) above the ground on the uphill side of a tree, where, on a normally formed tree, the diameter is measured.

Diameter class--A classification of trees based on diameter of the tree outside the bark measured at breast height, 4-1/2 feet (1.37 m) above the ground. D.b.h. is the common abbreviation for "diameter at breast height." Each 2-inch diameter class is assigned to the appropriate even inch at midpoint. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h.

^{5/}Terminology is from USDA Forest Service, Forest Service Handbook, Title 4813.1, 1967, and the manual of field instructions for the forest survey of coastal Alaska, 1970.

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Established seedling--A tree 6.0 inches (15.24 cm) tall, up to 1.0 inch (2.54 cm) in diameter, with good coloration, no evidence of disease, and with a root system preferably in contact with the mineral soil. For seedlings growing on stumps or logs to be tallied, they must be well enough established to survive after the supporting material has decayed.

Forest land--Land at least 16.7 percent stocked by live trees of any size, or land formerly having such tree cover and not currently developed for nonforest use. Includes chaparral areas in the western United States and afforested areas. The minimum area for classification as forest land or subclasses of forest land is 1 acre (0.4 ha). Roadside, streamside, and shelterbelt strips of timber must be at least 120 feet (36 m) wide to be classified as forest land. Unimproved road and trails, streams, and clearings in forest areas must be less than 120 feet wide to be classified as forest land. (Also see timberland, other forest land, reserved forest land, and nonforest land.)

Forest trees--Woody plants having a well-developed stem and usually more than 12 feet tall, including both growing stock and cull trees.

Forest types--A classification of forest land based on the species forming a plurality of stocking on the area currently occupied by tree cover. The following summarizes the forest types of coastal Alaska:

Alaska-cedar--Forests in which Alaska-cedar comprises the plurality of the stocking. Common associates are mountain or western hemlock, lodgepole pine, western redcedar, and occasionally Sitka spruce.

Black cottonwood--Forests in which cottonwood comprises the plurality of the stocking. Common associates are red alder and Sitka spruce.

Fir-spruce--Forests in which subalpine or Pacific silver fir in combination with Sitka spruce comprises the plurality of the stocking. Common associates are black cottonwood, mountain hemlock, and western hemlock.

Hemlock-spruce--Forests in which 50 percent or more of the stand is western hemlock or mountain hemlock and where Sitka spruce comprises 30-49 percent of the stocking. Common associates are Alaska-cedar, western redcedar, and occasionally cottonwood, red alder, or lodgepole pine.

Lodgepole pine--Forests in which lodgepole pine comprises the plurality of the stocking. Common associates are mountain hemlock, Alaska-cedar, and western hemlock.

Mountain hemlock--Forests in which mountain hemlock comprises the plurality of the stocking. Common associates are western hemlock and Alaska-cedar.

Other hardwoods--Forests in which noncommercial hardwoods, such as willow and alder other than red alder, comprise the plurality of the stocking. Common associates are black cottonwood and Sitka spruce.

Other softwoods--Forests in which noncommercial softwoods, such as Pacific yew, and junipers comprise the plurality of the stocking. Common associates are Alaska-cedar and mountain hemlock.

Pacific silver fir--Forests in which Pacific silver fir comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

Red alder--Forests in which red alder comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, western hemlock, and occasionally western redcedar and/or Alaska-cedar.

Sitka spruce--Forests in which Sitka spruce comprises the plurality of the stocking. Common associates are western hemlock, western redcedar, and occasionally cottonwood, red alder, and Alaska-cedar.

Subalpine fir--Forests in which subalpine fir comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

True fir--Forests in which Pacific silver fir and subalpine fir comprise the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

Western hemlock--Forests in which western hemlock comprises the plurality of the stocking. Common associates are Sitka spruce, Alaska-cedar, western redcedar, mountain hemlock, and occasionally cottonwood, red alder, or lodgepole pine.

Western redcedar--Forests in which western redcedar comprises the plurality of the stocking. Common associates are Sitka spruce, western hemlock, Alaska-cedar, and occasionally cottonwood, red alder, and mountain hemlock.

Gross growth--Net annual growth plus the annual growth on mortality.

Growing stock trees--All live trees except cull trees.

Growing stock volume--Net volume in cubic feet of live sawtimber and poletimber growing stock trees from stump to a minimum 4.0-inch (10-cm) top (of central stem) outside the bark. Net volume equals gross volume less deductions for rot and missing bole sections.

Growth--See net annual growth, gross growth, and ingrowth.

Hardwoods--(1) Trees that are angiosperms, usually broad-leaved and often deciduous. (2) Forests predominantly cottonwood or red alder, singly or in combination.

Ingrowth--The net volume of trees that grew into poletimber or sawtimber growing stock during a specified year.

Inoperable timberland--Includes areas of timberland that are presently inoperable because of marginal volume (usually less than 20,000 board feet per acre) or rough, rocky, cliffy, or otherwise broken terrain. This also includes pockets of high volume timberland that are isolated or more than one-fourth mile (396 m) from operable timberland areas. (Also see operable timberland.)

International 1/4-inch rule--The standard board-foot log rule adopted nationally by the USDA Forest Service for the presentation of inventory volume statistics.

Land area--Area reported as land by the Bureau of the Census. Total land area includes dry land and land temporarily or partially covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than one-eighth mile (200 m) wide; and lakes, reservoirs, and ponds less than 40 acres (16 ha) in area. (Also see non-Census water.)

Land class--A classification of land by major use, such as timberland, other forest, and nonforest. The minimum size area for classification is 1 acre (0.4 ha).

Log grades--A classification of logs based on external characteristics as indicators of quality or value.

Management blocks--Units delineated for timber management by the National Forest System of the USDA Forest Service, usually oriented to islands and/or watershed complexes.

Mean annual increment (MAI)--A measure of the productivity of forest land in terms of the average increase in cubic-foot volume per acre per year. The FIA minimum standard for timberland is the ability to produce 20 cubic feet per acre (1.4 m³/ha) per year.

Merchantable height--Height of a tree expressed in the number of 16-foot (5-m) logs to a merchantable top.

Merchantable saw log--For softwood sawtimber, a merchantable saw log must be at least 12 feet (3.6 m) long to a minimum top of 7.0 inches (18 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h. At least one-third of its board-foot volume must be in sound, recoverable wood. For hardwood sawtimber, a merchantable saw log must be at least 8 feet (2.5 m) long to a minimum top of 9.0 inches (23 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h. At least half its board-foot volume must be in sound, recoverable wood.

Merchantable stem--For softwoods, the portion of the tree between the 1-foot (0.3-m) stump and either the top diameter of 7.0 inches (18 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h., whichever is larger. For hardwoods, the portion of the tree between the 1-foot stump and either the top diameter of 9.0 inches (23 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h., whichever is larger.

Merchantable top--The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum merchantable top is 7.0 inches (18 cm) outside the bark for softwoods, and 9.0 inches (23 cm) outside the bark for hardwoods.

Merchantable tree--A merchantable tree must be producing or be capable of producing at least one merchantable saw log which is at least 50-percent sound for hardwoods or 33-percent sound for softwoods, board-foot measure. All poletimber that is less than 50-percent sound, cubic-foot measure, and all saplings with any sign of rot are not considered merchantable trees, but rotten culls. All trees that are of such poor form that they will never produce a merchantable saw log are not classed as merchantable trees, but as sound culls or rough trees.

Mortality--Number of or the sound wood volume from live trees dying from natural causes during a specified period.

Mortality of growing stock--The volume of sound wood in live sawtimber and poletimber trees dying annually from natural causes during a specified period.

Mortality of sawtimber--The net board-foot volume of sawtimber trees dying annually from natural causes during a specified period.

Mortality tree--On plots being measured for the first time, a tree of commercial species at least 1 inch (2.54 cm) in d.b.h. or larger that has died within the past 5 years; on plots being remeasured, a tree of commercial species at least 1 inch in d.b.h. that has died since the previous measurement was made.

Net annual growth--The increase in net volume of wood for growing stock trees during a specified year. Components of net annual growth are: (a) the increment in net volume of trees alive at the beginning of the specified year, including that on periodic mortality, plus (b) the net volume of trees reaching sawtimber or poletimber size during the year, minus (c) the net volume of trees that died during the year, minus (d) the net volume lost to tree decay during the year.

Net volume--The gross volume of a tree less deductions for rot, sweep, or other defect affecting product use.

Non-Census water--Areas of water classed as land area by the Bureau of the Census, but that are either 1-40 acres (0.4-16 ha) in area or have a minimum width of 120 feet (36 m) and a maximum width of one-eighth mile (200 m). (Also see Census water.)

Noncommercial species--Tree species of typically small size, poor form, or inferior quality that normally is not suitable for industrial products.

Nonforest land--Land that does not qualify as forest land. Includes land that has never supported forests and lands formerly forested where forest use is precluded by development for nonforest uses. Included are lands used for agricultural crops, improved pasture, residential areas, and city parks, improved roads, operating railroads and their right-of-way clearings, and pipeline clearings. If intermingled in forest areas, unimproved roads, streams, canals, and nonforest strips must be more than 120 feet (36 m) wide, and clearings or other areas must be 1 acre (0.4 ha) or larger to qualify as nonforest land.

Nonstocked land--Timberland less than 16.7 percent stocked with growing stock trees.

Old-growth stands--Stands with at least 50 percent of the live-tree stocking per acre comprised of old-growth trees.

Old-growth trees--Trees that have reached or passed the age of physiological maturity, assumed to be 150 years for coastal Alaska.

Operable timberland--All timberland considered silviculturally and economically operable. This includes areas on stable soils, on slopes that are not too steep to log without causing serious site damage, and stands valuable enough to pay the logging costs using the methods and costs in effect at the time of the inventory. Stands that require new, undeveloped logging methods are not in the operable class.

Other forest land--Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions. This includes sterile or poorly drained forest land, subalpine forests, and steep rocky areas where topographic conditions are likely to prevent management for timber production indefinitely. In coastal Alaska, this includes forest lands that are not capable of producing 8,000 board feet per acre (net International 1/4-inch rule).

Poletimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Poletimber trees--Growing stock trees 5.0 to 10.9 inches (12.5 to 27.5 cm) in d.b.h.

Quality saw log--See merchantable saw log.

Reserved forest land--Forest land withdrawn from timber utilization through statute or administrative regulation.

Rotten trees--Live trees at least 5 inches (12.7 cm) in d.b.h. that do not contain a saw log and are not likely to, primarily because of rot.

Rotten cull trees--Live trees that do not contain a merchantable saw log and are not likely to, primarily because of rot.

Rough trees--Live trees that do not contain a merchantable saw log and are not likely to, primarily because of roughness, poor form, or they are noncommercial species.

Salvable dead trees--Standing or down dead trees of commercial species at least 11.0 inches (28 cm) in d.b.h., containing at least 50 percent of their volume in sound wood, and with at least one merchantable saw log.

Sapling stands--See seedling and sapling stands.

Sapling trees--Trees 1.0 to 4.9 inches (2.5 to 12.5 cm) in d.b.h.

Saw log--A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet (2.5 m) long, sound and straight, and with a minimum small-end diameter of 6.0 inches (15 cm) inside the bark for softwoods and 8.0 inches (20 cm) for hardwoods.

Saw-log portion--The bole of sawtimber trees between the stump and the saw-log top.

Saw-log top--The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum top diameter is 7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) inches outside the bark for hardwoods.

Sawtimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to that of poletimber.

Sawtimber trees--Growing stock trees at least 11.0 inches (28 cm) in d.b.h.

Sawtimber volume--Net volume of sawtimber trees measured in board feet. Net volume equals gross volume less deduction for rot, sweep, crook, and other defects that affect use for lumber.

Scribner, bureau scale-- A common timber scaling rule using 32-foot log lengths.

Scribner rule--The common board-foot timber scaling rule used locally in determining volume of sawtimber.

Seedling and sapling stands--Stands at least 16.7 percent stocked with growing stock trees and with saplings and/or seedlings comprising more than half this stocking.

Seedling- An established tree less than 1.0 inch (2.5 cm) in d.b.h.

Site class--A classification of forest land based on its capacity to grow crops of industrial wood.

Softwoods--Coniferous trees, usually evergreen with needles or scalelike leaves. Species in coastal Alaska are Sitka spruce, western hemlock, mountain hemlock, Alaska-cedar, western redcedar, lodgepole pine, Pacific silver fir, subalpine fir, and Pacific yew.

Sound cull tree--See rough tree.

Stand age class--A classification of forest land based on the predominant age of trees in a given stand.

Stand size class--A classification of forest land based on the predominant size of timber present: sawtimber, poletimber, or seedlings and saplings.

Stocking--A measure of the area occupied by trees of specified classes. FIA forest inventories consider three categories of stocking: all live trees, growing stock trees, and desirable trees. Stocking of all live trees is used to delineate forest land and forest types. Stocking of growing stock trees is used in classifications of stand size and stand age. Stocking of desirable trees is used to delineate area condition classes.

Stump height--For all timber volume estimates, 1 foot (0.3 m).

Timber harvest--Volume of roundwood removed from forest land for products.

Timberland--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization. Areas qualifying as timberland could produce in excess of 20 cubic feet per acre (1.4 m³/ha) per year of industrial wood under management. In old-growth forests of coastal Alaska, this is equated to stands that could produce 8,000 board feet per acre (net International 1/4-inch rule).

Tree size class--A classification of sawtimber trees, poletimber trees, saplings, and seedlings based on the diameter at breast height.

Upper-stem portion--The bole of sawtimber trees above the saw-log top--7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) outside the bark for hardwoods--to a minimum top diameter of 4.0 inches (10 cm) outside the bark, or to the point where the central stem breaks into limbs.

Volume of growing stock--Volume of sound wood in the bole of live growing stock sawtimber and poletimber trees from stump to a minimum 4.0-inch (10-cm) top outside the bark or to the point where the central stem breaks into limbs.

Volume of salvable dead sawtimber-sized trees--Net volume of standing or down, dead, sawtimber-sized trees that contain 50-percent sound board-foot volume.

Volume of sawtimber--Net volume of the saw-log portion of live growing stock sawtimber trees, expressed in board feet.

Water--See Census water and non-Census water.

Young-growth stands--Stands with at least 50 percent of the live-tree stocking per acre comprised of young-growth trees.

Young-growth trees--Trees that have not passed the age of physiological maturity, assumed to be 150 years for coastal Alaska.

Names of Trees ^{6/}

Common name	Scientific name
<u>Softwoods:</u>	
Alaska-cedar	<i>Chamaecyparis nootkatensis</i> (D. Don) Spach
Fir, Pacific silver	<i>Abies amabilis</i> (Dougl.) Forbes
Fir, subalpine	<i>A. lasiocarpa</i> (Hook.) Nutt.
Hemlock, mountain	<i>Tsuga mertensiana</i> (Bong.) Carr.
Hemlock, western	<i>T. heterophylla</i> (Raf.) Sarg.
Pine, lodgepole	<i>Pinus contorta</i> Dougl.
Redcedar, western	<i>Thuja plicata</i> Donn
Spruce, Sitka	<i>Picea sitchensis</i> (Bong.) Carr.
Yew, Pacific	<i>Taxus brevifolia</i> Nutt.
<u>Hardwoods:</u>	
Alder, red	<i>Alnus rubra</i> Bong.
Cottonwood, black	<i>Populus trichocarpa</i> Torr. & Gray
Willow, Barclay	<i>Salix barclayi</i> Anderss.
Willow, Bebb	<i>S. bebbiana</i> Sarg.
Willow, feltleaf	<i>S. alaxensis</i> (Anderss.) Cov.
Willow, grayleaf	<i>S. glauca</i> L.
Willow, hooker	<i>S. hookeriana</i> Barratt
Willow, Sitka	<i>S. sitchensis</i> Sanson
Willow, Pacific	<i>S. lasiandra</i> Benth.

^{6/}Scientific names are according to Viereck and Little (1972).

Tables

Estimates in this report are developed from statistically based samples and therefore are subject to sampling error. Sampling errors for estimates of various sizes are presented in the section "Reliability of Inventory Data."

TABLE 1--AREA OF FOREST LAND BY FOREST TYPE AND FOREST LAND CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

FOREST TYPE	TIMBERLAND	OTHER FOREST	ALL CLASSES
<i>THOUSAND ACRES</i>			
SOFTWOODS:			
SITKA SPRUCE	103.10	--	103.10
HEMLOCK-SITKA SPRUCE	93.36	11.79	105.15
WESTERN REDCEDAR	257.88	82.20	340.08
WESTERN HEMLOCK	817.89	306.30	1,124.19
MOUNTAIN HEMLOCK	46.94	141.50	188.44
ALASKA-CEDAR	58.67	176.59	235.26
LODGEPOLE PINE	--	58.90	58.90
OTHER SOFTWOODS	--	--	--
TOTAL	1,377.84	777.28	2,155.12
HARDWOODS:			
BLACK COTTONWOOD	--	--	--
RED ALDER	--	--	--
OTHER HARDWOODS	--	--	--
TOTAL	--	--	--
ALL TYPES	1,377.84	777.28	2,155.12

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 2--AREA BY LAND CLASS AND MANAGEMENT BLOCK, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

LAND CLASS	KPC	MAYBESO	GALEA	CORONATION	SEA OTT8R	LULU	SAN JUAN	CRAIG	DAHL	HYDABURG	LONG	SKOWL	ALL BLOCKS
ACRES													
TIMBERLAND:													
S88DLING AND SAPLING, AND NONSTOCKED	54,880	--	--	--	19,057	--	--	4,184	10,475	10,475	--	10,475	109,547
POLETIMBER	--	--	11,735	--	--	--	--	--	--	--	--	--	11,735
SAWTIMBER VOLUME STRATA 2/--													
8,000-20,000	187,748	11,735	35,202	11,734	11,734	23,468	--	70,409	23,469	70,405	11,734	82,140	539,777
20,001-30,000	128,534	11,460	11,460	--	23,471	23,471	--	35,204	35,206	34,654	11,735	34,928	350,122
30,001-50,000	59,816	1,139	11,735	11,734	11,735	11,735	--	82,147	11,735	--	23,471	58,675	283,923
50,001 OR MORE	47,530	--	--	--	--	--	--	11,735	11,735	11,735	--	--	82,735
TOTAL	478,508	24,334	70,132	23,468	65,997	58,674	--	203,679	92,620	127,269	46,940	186,218	1,377,839
OTHER FOR8ST LAND:													
ROCKY	--	--	--	--	--	--	--	--	--	--	--	--	--
LOW VOLUME 3/	46,994	--	11,734	11,734	11,792	--	--	11,792	23,526	47,110	23,468	70,694	258,842
MUSKEG FOREST	188,613	--	23,584	--	--	--	--	70,578	--	47,110	--	47,052	376,936
HIGH ELEVATION FOREST	23,583	--	--	--	--	--	11,792	23,584	47,168	--	11,792	23,584	141,504
SLID8 ZONE	--	--	--	--	--	--	--	--	--	--	--	--	--
OTHER NONPRODUCTIVE	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	259,190	--	35,318	11,734	11,792	--	11,792	105,954	70,694	94,220	35,260	141,330	777,282
NONFOR8ST:													
FARMS AND GRASSLANDS	--	--	--	--	--	--	--	--	--	--	--	--	--
ALDER SHRUBLAND	22,221	--	--	--	--	--	--	--	--	--	--	--	22,221
NON-ALD8R SHRUBLAND	11,111	--	--	--	--	--	--	--	--	--	--	11,111	22,221
ALPINE MEADOW	--	11,111	--	--	--	--	--	11,111	--	--	--	--	22,221
MUSKEG MEADOW	11,111	--	--	--	11,111	--	--	--	--	--	--	11,111	33,332
URBAN AND OTHER	--	--	--	--	--	--	--	--	--	--	--	--	--
ALPINE ROCK	--	--	--	--	--	--	--	--	--	--	--	11,111	11,111
ICE AND SNOWFIELDS	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	44,443	11,111	--	--	11,111	--	--	11,111	--	--	--	33,333	111,106
NON-CENSUS WATER 4/	--	--	--	--	--	--	--	--	5,483	5,483	--	5,483	16,448
ALL LANDS	782,141	35,445	105,450	35,203	88,900	58,674	11,792	320,744	168,797	226,971	82,199	366,362	2,282,678

8stimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Board feet. Scribner scale, except base value of 8,000 board feet, which is International 1/4-inch rule.

3/ Less than 8,000 board feet per acre, International 1/4-inch rule.

4/ Water as classified by Forest Inventory and Analysis standards.

TABLE 3--NUMBER OF GROWING STOCK TREES ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SDUTHEAST CDASTAL ALASKA, 1973 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
THOUSAND TREES								
SOFTWOODS:								
ALASKA CEDAR	31,446.73	22,792.23	5,843.33	1,667.96	101.51	--	--	61,851.79
SITKA SPRUCE	502,741.46	41,588.20	5,222.80	2,210.87	1,130.06	466.94	314.01	553,674.33
LOGEPOLE PINE	1,075.76	1,490.79	434.86	26.75	--	--	--	3,028.17
WESTERN REDCEDAR	66,420.93	23,492.31	9,493.77	3,922.70	998.95	172.54	25.94	104,527.14
WESTERN HEMLOCK	2,968,032.74	304,086.88	37,445.18	10,495.77	3,161.58	713.93	27.12	3,323,963.19
MOUNTAIN HEMLOCK	61,856.50	23,069.25	3,802.10	585.65	45.55	--	--	89,359.04
TOTAL	3,631,574.16	416,519.65	62,242.04	18,909.70	5,437.65	1,353.40	367.06	4,136,403.66
HARDWOODS:								
RED ALDER	537.94	5,251.59	260.88	--	--	--	--	6,050.41
BLACK COTTONWOOD	--	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	537.94	5,251.59	260.88	--	--	--	--	6,050.41
ALL SPECIES	3,632,112.10	421,771.24	62,502.92	18,909.70	5,437.65	1,353.40	367.06	4,142,454.06

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 4--NUMBER OF GROWING STOCK TREES ON OLD-GROWTH TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST CDASTAL ALASKA, 1973 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
THOUSAND TREES								
SOFTWOODS:								
ALASKA CEDAR	29,045.88	22,792.23	5,843.33	1,667.96	101.51	--	--	59,450.91
SITKA SPRUCE	410,645.56	20,403.39	4,815.69	1,974.87	1,064.10	430.91	301.60	439,636.12
LOGEPOLE PINE	1,075.76	1,490.79	434.86	26.75	--	--	--	3,028.17
WESTERN REDCEDAR	62,858.09	23,492.31	9,420.54	3,893.83	998.95	172.54	25.94	100,862.20
WESTERN HEMLOCK	2,720,327.53	274,261.58	36,326.92	10,309.73	3,123.38	706.18	27.12	3,045,082.43
MOUNTAIN HEMLOCK	61,856.50	23,069.25	3,802.10	585.65	45.55	--	--	89,359.04
TOTAL	3,285,809.31	365,509.54	60,643.45	18,458.79	5,333.49	1,309.63	354.66	3,737,418.87
HARDWOODS:								
RED ALDER	537.94	5,251.59	213.23	--	--	--	--	6,002.76
BLACK COTTONWOOD	--	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	537.94	5,251.59	213.23	--	--	--	--	6,002.76
ALL SPECIES	3,286,347.26	370,761.13	60,856.68	18,458.79	5,333.49	1,309.63	354.66	3,743,421.63

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 5--NUMBER OF GROWING STOCK TREES ON YOUNG-GROWTH TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>								
SOFTWOODS:								
ALASKA-CEDAR	2,400.88	--	--	--	--	--	--	2,400.88
SITKA SPRUCE	92,095.90	21,184.81	407.11	235.99	65.96	36.03	12.40	114,038.21
LOGEPOLE PINE	--	--	--	--	--	--	--	--
WESTERN REDCEDAR	3,562.84	--	73.23	28.87	--	--	--	3,664.94
WESTERN HEMLOCK	247,705.22	29,825.30	1,118.25	186.04	38.23	7.72	--	278,880.76
MOUNTAIN HEMLOCK	--	--	--	--	--	--	--	--
TOTAL	345,764.84	51,010.11	1,598.60	450.91	104.19	43.74	12.40	398,984.79
HARDWOODS:								
RED ALDER	--	--	47.65	--	--	--	--	47.65
BLACK COTTONWOOD	--	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	--	--	47.65	--	--	--	--	47.65
ALL SPECIES	345,764.84	51,010.11	1,646.24	450.91	104.19	43.74	12.40	399,032.43

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 6--NUMBER OF GROWING STOCK MORTALITY TREES PER YEAR ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>							
SOFTWOODS:							
ALASKA-CEDAR	142.92	36.50	190.69	13.38	--	--	383.48
SITKA SPRUCE	1,241.94	220.62	31.92	74.28	--	--	1,568.76
LOGEPOLE PINE	--	--	--	--	--	--	--
WESTERN REDCEDAR	--	76.98	63.32	24.76	--	--	165.06
WESTERN HEMLOCK	3,352.12	1,527.13	532.01	120.63	--	4.09	5,536.00
MOUNTAIN HEMLOCK	134.47	53.86	--	--	--	--	188.33
TOTAL	4,871.45	1,915.09	817.93	233.05	--	4.09	7,841.63
HARDWOODS:							
RED ALDER	--	--	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--	--
ALL SPECIES	4,871.45	1,915.09	817.93	233.05	--	4.09	7,841.63

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 7--NET VOLUME OF GROWING STOCK ON TIMBERLAND, IN CUBIC FEET AND VOLUME PER ACRE, BY FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

FOREST TYPE AND UNIT	SAWTIMBER					ALL CLASSES
	OLD GROWTH	YOUNG GROWTH	POLETIMBER	SEEDLINGS AND SAPLINGS	NONSTOCKED	
TRUE FIR: <u>2</u> / FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
HEMLOCK-SPRUCE:						
FT ³	526,691,488	--	--	0	--	526,691,488
ACRES	72,413	--	--	20,950	--	93,363
FT ³ /ACRE	7,273	--	--	0	--	5,641
WESTERN REDCEDAR:						
FT ³	1,084,723,923	--	--	--	--	1,084,723,923
ACRES	257,884	--	--	--	--	257,884
FT ³ /ACRE	4,206	--	--	--	--	4,206
SITKA SPRUCE:						
FT ³	424,089,427	49,940,680	34,364,591	7,599,131	--	515,993,830
ACRES	58,674	11,735	11,735	20,950	--	103,095
FT ³ /ACRE	7,228	4,256	2,928	363	--	5,005
MOUNTAIN HEMLOCK:						
FT ³	149,597,489	--	--	--	--	149,597,489
ACRES	46,935	--	--	--	--	46,935
FT ³ /ACRE	3,187	--	--	--	--	3,187
WESTERN HEMLOCK:						
FT ³	4,860,617,766	124,272,380	--	21,467,618	--	5,016,357,651
ACRES	738,508	11,735	--	67,647	--	892,024
FT ³ /ACRE	6,582	10,590	--	317	--	5,624
ALASKA CEDAR:						
FT ³	262,414,710	--	--	--	--	262,414,710
ACRES	58,670	--	--	--	--	58,670
FT ³ /ACRE	4,473	--	--	--	--	4,473
LODGEPOLE PINE:						
FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
RED ALDER:						
FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
BLACK COTTONWOOD:						
FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
ALL TYPES:						
FT ³	7,308,133,996	174,213,064	34,364,591	39,066,749	--	7,555,778,438
ACRES	1,233,087	23,470	11,735	109,547	--	1,377,841
FT ³ /ACRE	5,927	7,423	2,928	356	--	5,484

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Subalpine fir and Pacific silver fir.

TABLE 8--NET VOLUME OF SAWTIMBER ON TIMBERLAND, IN BOARD FEET INTERNATIONAL 1/4-INCH RULE AND VOLUME PER ACRE, BY FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

FOREST TYPE AND UNITS	SAWTIMBER					ALL CLASSES
	OLD GROWTH	YOUNG GROWTH	POLETIMBER	SEEDLINGS AND SAPLINGS	NONSTOCKED	
TRUE FIR: <u>2/</u>						
FBM <u>3/</u>	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
HEMLOCK-SPRUCE:						
FBM	2,694,193,952	--	--	0	--	2,694,193,952
ACRES	72,413	--	--	20,950	--	93,363
FBM/ACRE	37,206	--	--	0	--	28,857
WESTERN REDCEDAR:						
FBM	4,206,657,600	--	--	--	--	4,206,657,600
ACRES	257,884	--	--	--	--	257,884
FBM/ACRE	16,312	--	--	--	--	16,312
SITKA SPRUCE:						
FBM	2,208,714,284	284,106,608	72,055,424	33,835,277	--	2,598,711,520
ACRES	58,674	11,735	11,735	20,950	--	103,095
FBM/ACRE	37,644	24,210	6,140	1,615	--	25,207
MOUNTAIN HEMLOCK:						
FBM	585,643,558	--	--	--	--	585,643,558
ACRES	46,935	--	--	--	--	46,935
FBM/ACRE	12,478	--	--	--	--	12,478
WESTERN HEMLOCK:						
FBM	23,428,445,465	629,528,140	--	46,405,274	--	24,104,378,438
ACRES	738,508	11,735	--	67,647	--	892,024
FBM/ACRE	31,724	53,645	--	685	--	27,022
ALASKA CEDAR:						
FBM	986,711,468	--	--	--	--	986,711,468
ACRES	58,670	--	--	--	--	58,670
FBM/ACRE	16,817	--	--	--	--	16,818
LODGEPOLE PINE:						
FBM	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
RED ALDER:						
FBM	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
BLACK COTTONWOOD:						
FBM	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
ALL TYPES:						
FBM	34,110,363,897	913,634,752	72,055,424	80,240,550	--	35,176,294,617
ACRES	1,233,087	23,470	11,735	109,547	--	1,377,841
FBM/ACRE	27,663	38,928	6,140	732	--	25,530

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Subalpine fir and Pacific silver fir.

3/ FBM = board-foot measure, International 1/4-inch rule.

TABLE 9--NET VOLUME OF TIMBER, CUBIC FEET, ON TIMBERLAND BY CLASS OF TIMBER AND BY SOFTWOODS AND HARDWOODS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

CLASS OF TIMBER	SOFTWOODS	HARDWOODS	ALL SPECIES
<i>MILLION CUBIC FEET</i>			
SAWTIMBER TREES:			
SAW-LOG PORTION	6,876.22	5.85	6,882.07
UPPER-STEM PORTION	173.61	.24	173.84
TOTAL	7,049.82	6.09	7,055.92
POLETIMBER TREES	486.52	13.34	499.87
ALL GROWING STOCK	7,536.34	19.44	7,555.78
ROUGH TREES	2.27	--	2.27
ROTTEN TREES	405.13	.05	405.19
SALVABLE DEAD TREES	160.82	--	160.82
ALL TIMBER	8,104.57	19.49	8,124.06

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 10--NET VOLUME OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
ALASKA-CEDAR	543.87	556.74	50.95	--	--	1,151.56
SITKA SPRUCE	1,106.61	1,895.91	2,266.05	1,593.36	2,003.76	8,865.70
LODGEPOLE PINE	126.65	12.42	--	--	--	139.07
WESTERN REDCEDAR	852.56	1,185.35	608.26	176.47	40.93	2,863.56
WESTERN HEMLOCK	7,285.96	7,660.76	4,623.67	1,585.56	91.50	21,247.44
MOUNTAIN HEMLOCK	532.95	299.70	51.05	--	--	883.70
TOTAL	10,448.61	11,610.87	7,599.98	3,355.39	2,136.19	35,151.03
HARDWOODS:						
RED ALDER	25.27	--	--	--	--	25.27
BLACK COTTONWOOD	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	25.27	--	--	--	--	25.27
ALL SPECIES	10,473.88	11,610.87	7,599.98	3,355.39	2,136.19	35,176.30

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 11--NET VOLUME OF OLD GROWTH, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
ALASKA-CEDAR	543.87	556.74	50.95	--	--	1,151.56
SITKA SPRUCE	1,017.48	1,697.36	2,135.57	1,439.29	1,931.18	8,220.88
LODGEPOLE PINE	126.65	12.42	--	--	--	139.07
WESTERN REDCEDAR	841.42	1,179.93	608.26	176.47	40.93	2,847.04
WESTERN HEMLOCK	7,070.64	7,538.63	4,577.10	1,571.20	91.50	20,849.07
MOUNTAIN HEMLOCK	532.95	299.70	51.05	--	--	883.70
TOTAL	10,133.01	11,284.78	7,422.93	3,186.96	2,063.60	34,091.29
HARDWOODS:						
RED ALDER	19.09	--	--	--	--	19.09
BLACK COTTONWOOD	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	19.09	--	--	--	--	19.09
ALL SPECIES	10,152.10	11,284.77	7,422.93	3,186.96	2,063.60	34,110.37

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 12--NET VOLUME OF YOUNG GROWTH, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
ALASKA-CEDAR	--	--	--	--	--	--
SITKA SPRUCE	89.13	198.55	130.48	154.07	72.58	644.82
LOGEPOLE PINE	--	--	--	--	--	--
WESTERN REDCEDAR	11.14	5.42	--	--	--	16.56
WESTERN HEMLOCK	215.32	122.13	46.56	14.36	--	398.37
MOUNTAIN HEMLOCK	--	--	--	--	--	--
TOTAL	315.60	326.09	177.05	168.43	72.58	1,059.74
HARDWOODS:						
RED ALDER	6.19	--	--	--	--	6.19
BLACK COTTONWOOD	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	6.19	--	--	--	--	6.19
ALL SPECIES	321.78	326.09	177.05	168.43	72.58	1,065.93

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 13--NET VOLUME OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION CUBIC FEET</i>							
SOFTWOODS:							
ALASKA-CEDAR	41.83	148.85	129.05	11.31	--	--	331.03
SITKA SPRUCE	35.85	228.61	335.18	380.01	268.86	345.92	1,594.43
LOGEPOLE PINE	1.42	24.09	2.59	--	--	--	28.11
WESTERN REDCEDAR	48.84	257.29	304.37	143.33	38.14	8.26	800.23
WESTERN HEMLOCK	329.16	1,526.70	1,477.15	895.50	314.49	17.19	4,560.19
MOUNTAIN HEMLOCK	29.42	121.62	61.16	10.14	--	--	222.35
TOTAL	486.52	2,307.17	2,309.51	1,440.29	621.49	371.37	7,536.34
HARDWOODS:							
RED ALDER	13.35	6.09	--	--	--	--	19.44
BLACK COTTONWOOD	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	13.35	6.09	--	--	--	--	19.44
ALL SPECIES	499.87	2,313.26	2,309.51	1,440.29	621.49	371.37	7,555.78

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 14--NET VOLUME OF OLD GROWTH, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION CUBIC FEET</i>							
SOFTWOODS:							
ALASKA-CEDAR	41.83	148.85	129.05	11.31	--	--	331.03
SITKA SPRUCE	23.29	211.54	302.44	357.46	243.42	333.84	1,471.99
LOGEPOLE PINE	1.43	24.09	2.59	--	--	--	28.11
WESTERN REDCEDAR	48.84	254.18	302.89	143.33	38.14	8.26	795.63
WESTERN HEMLOCK	289.04	1,482.71	1,453.97	886.68	311.51	17.19	4,441.11
MOUNTAIN HEMLOCK	29.42	121.62	61.16	10.14	--	--	222.35
TOTAL	433.85	2,242.99	2,252.10	1,408.92	593.07	359.29	7,290.22
HARDWOODS:							
RED ALDER	13.35	4.57	--	--	--	--	17.92
BLACK COTTONWOOD	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	13.35	4.57	--	--	--	--	17.92
ALL SPECIES	447.20	2,247.56	2,252.10	1,408.92	593.07	359.29	7,308.14

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 15--NET VOLUME OF YOUNG GROWTH, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION CUBIC FEET</i>							
SOFTWOODS:							
ALASKA-CEDAR	--	--	--	--	--	--	--
SITKA SPRUCE	12.56	17.08	32.74	22.55	25.43	12.09	122.44
LOGEPOLE PINE	--	--	--	--	--	--	--
WESTERN REDCEDAR	--	3.12	1.49	--	--	--	4.60
WESTERN HEMLOCK	40.11	43.99	23.18	8.82	2.98	--	119.08
MOUNTAIN HEMLOCK	--	--	--	--	--	--	--
TOTAL	52.67	64.18	57.41	31.37	28.41	12.09	246.12
HARDWOODS:							
RED ALDER	--	1.52	--	--	--	--	1.52
BLACK COTTONWOOD	--	--	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	--	1.52	--	--	--	--	1.52
ALL SPECIES	52.67	65.67	57.41	31.37	28.41	12.09	247.64

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 16--NET ANNUAL GROWTH OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	14.38	--	892.85	907.23
SITKA SPRUCE	--	194.25	1,437.80	^{2/} -10,259.13	-8,627.07
LOGEPOLE PINE	--	1.78	--	126.13	127.91
WESTERN REDCEDAR	--	129.13	7.77	996.82	1,133.72
WESTERN HEMLOCK	--	136.19	251.29	-58,657.93	-58,270.48
MOUNTAIN HEMLOCK	--	--	--	-618.82	-618.82
TOTAL	--	475.73	1,696.86	-67,520.10	-65,347.51
HARDWOODS:					
RED ALDER	--	--	109.89	2.53	112.42
BLACK COTTONWOOD	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--
TOTAL	--	--	109.89	2.53	112.42
ALL SPECIES	--	475.73	1,806.75	-67,517.57	-65,235.08

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

^{2/} Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 17--NET ANNUAL GROWTH OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	21.17	--	2,369.23	2,390.40
SITKA SPRUCE	--	249.24	8,910.19	^{2/} -82,341.38	-73,181.96
LOGEPOLE PINE	--	701.87	--	268.16	970.03
WESTERN REDCEDAR	--	132.58	34.44	-498.59	-331.58
WESTERN HEMLOCK	--	1,325.28	2,841.80	-336,232.65	-332,065.57
MOUNTAIN HEMLOCK	--	--	--	675.64	675.64
TOTAL	--	2,430.13	11,786.43	-415,759.60	-410,543.04
HARDWOODS:					
RED ALDER	--	--	679.50	8.46	687.96
BLACK COTTONWOOD	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--
TOTAL	--	--	679.50	8.46	687.96
ALL SPECIES	--	2,430.13	12,465.93	-415,751.14	-400,855.08

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

^{2/} Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 18--NET ANNUAL GROWTH OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
HEMLOCK-SPRUCE	--	201.48	522.78	1,250.69	1,974.95
WESTERN REDCEDAR	--	--	--	2,623.62	2,623.62
SITKA SPRUCE	--	274.25	1,074.94	<u>2/</u> -3,505.85	-2,156.66
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	209.04	-68,050.75	-67,841.71
ALASKA-CEDAR	--	--	--	164.71	164.71
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
ALL TYPES	--	475.73	1,806.75	-67,517.57	-65,235.09

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 19--NET ANNUAL GROWTH OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
HEMLOCK-SPRUCE	--	473.76	2,923.88	<u>2/</u> -10,335.07	-6,937.44
WESTERN REDCEDAR	--	--	--	6,355.67	6,355.67
SITKA SPRUCE	--	1,956.36	8,840.86	-17,826.51	-7,029.29
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	701.20	-394,312.04	-393,610.84
ALASKA-CEDAR	--	--	--	386.82	386.82
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
ALL TYPES	--	2,430.13	12,465.93	-415,751.13	-400,855.07

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 20--AVERAGE ANNUAL MORTALITY OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA, 1973 ^{1/}

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	--	--	578.30	578.30
SITKA SPRUCE	--	--	352.84	19,580.71	19,933.55
LOGEPOLE PINE	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	531.89	531.89
WESTERN HEMLOCK	--	--	395.56	78,524.99	78,920.56
MOUNTAIN HEMLOCK	--	--	--	298.75	298.75
TOTAL	--	--	748.40	99,514.65	100,263.05
HARDWOODS:					
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--
TOTAL	--	--	--	--	--
ALL SPECIES	--	--	748.40	99,514.65	100,263.05

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 21--AVERAGE ANNUAL MORTALITY OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON
TIMBERLAND BY SPECIES AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL
ALASKA, 1973 1/

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	--	--	1,925.17	1,925.17
SITKA SPRUCE	--	--	2,492.45	116,705.02	119,197.47
LOGEPOLE PINE	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	1,668.52	1,668.52
WESTERN HEMLOCK	--	--	1,501.30	404,393.03	405,894.33
MOUNTAIN HEMLOCK	--	--	--	1,318.37	1,318.37
TOTAL	--	--	3,993.76	526,010.11	530,003.87
HARDWOODS:					
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
OTHER HARDWOODS	--	--	--	--	--
TOTAL	--	--	--	--	--
ALL SPECIES	--	--	3,993.76	526,010.11	530,003.87

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 22--AVERAGE ANNUAL MORTALITY OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY
FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL ALASKA,
1973 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
HEMLOCK-SPRUCE	--	--	--	6,234.87	6,234.87
WESTERN REDCEDAR	--	--	--	1,525.49	1,525.49
SITKA SPRUCE	--	--	488.06	6,046.66	6,534.72
TRUE FIR	--	--	--	--	--
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	260.34	85,144.71	85,405.05
ALASKA-CEDAR	--	--	--	562.92	562.92
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
ALL TYPES	--	--	748.40	99,514.65	100,263.05

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 23--AVERAGE ANNUAL MORTALITY OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON
TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, PRINCE OF WALES UNIT, SOUTHEAST COASTAL
ALASKA, 1973 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
HEMLOCK-SPRUCE	--	--	--	29,718.85	29,718.85
WESTERN REDCEDAR	--	--	--	5,671.09	5,671.09
SITKA SPRUCE	--	--	2,847.50	32,205.13	35,052.63
TRUE FIR	--	--	--	--	--
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	1,146.25	456,203.02	457,349.27
ALASKA CEDAR	--	--	--	2,212.02	2,212.02
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	--	--
ALL TYPES	--	--	3,993.76	526,010.10	530,003.86

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 24--SUMMARY OF TIMBER HARVEST, SCRIBNER AND INTERNATIONAL
1/4-INCH RULES, IN THE KETCHIKAN/CRAIG WORKING CIRCLE OF THE
TONGASS NATIONAL FOREST, SOUTHEAST COASTAL ALASKA, 1974-80

YEAR OF HARVEST	VOLUME CUT, INTERNATIONAL 1/4-INCH RULE	VOLUME CUT SCRIBNER RULE, BUREAU SCALE <u>1/</u>	VALUE
<i>THOUSAND BOARD FEET</i>			<i>DOLLARS</i>
1974	240,057.82	201,648.57	\$ 656,103.79
1975	189,081.93	158,828.83	3,331,184.22
1976	247,495.12	207,895.90	4,810,687.85
1977	123,205.99	103,493.04	2,471,158.74
1978	208,330.77	174,997.85	4,203,710.94
1979	204,489.09	171,770.84	4,099,624.83
1980	214,595.98	180,260.63	12,986,718.33
TOTAL	1,427,256.70	1,198,895.66	32,559,188.70

1/ Scribner, Bureau scale volume = International 1/4-inch volume x 0.84. (Bones, James E. Relating products output to inventory estimates on the Tongass Forest. Juneau, AK: Northern Forest Experiment Station; 1963. Office Report.)

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Metric Equivalents

1 inch = 2.54 centimeters (cm)
1 foot = 0.3048 meter (m)
1 mile = 1.609 kilometers (km)
1 acre = 0.4047 hectares (ha)
1 cubic foot = 0.0283 cubic meter (m³)
1 cubic foot per acre = 0.07 cubic meter per hectare (m³/ha)
20 cubic feet per acre = 1.3994 cubic meters per hectare (m³/ha)
1 square foot basal area per acre = 0.2296 square meter per hectare (m²/ha)

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Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1973 timber inventory of the Prince of Wales unit, Alaska. Timberland area is estimated at 1.38 million acres (557 593 ha), net growing stock volume at 7.56 billion cubic feet (214 million m³), and annual net growth and mortality at -65.24 and 100.26 million cubic feet (-1.85 and 2.84 million m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (southeast).

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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Timber Resource Statistics for Eastern Washington

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Abstract

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Timber resource statistics for eastern Washington. Resour. Bull. PNW-104. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 32 p.

This report summarizes a 1980 timber resource inventory of the 16 forested counties in Washington east of the crest of the Cascade Range. Detailed tables of forest area, timber volume, growth, mortality, and harvest are presented.

KEYWORDS: Forest surveys, statistics (forest), timber resources, resources (forest), Washington (eastern).

Summary

The eastern Washington resource area totals 26,966,000 acres (10 913 000 ha), of which an estimated 9,216,000 acres (3 730 000 ha) are forested. An estimated 7,145,000 acres (2 891 000 ha) are classified as timberland. The area has an estimated 17.3 billion cubic feet (491 million m³) of standing timber with 72 percent of this volume in public ownership.

Preface

Forest Inventory and Analysis (formerly Forest Survey) is a nationwide project of the USDA Forest Service authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. Work units of the project, located at Forest Service Experiment Stations, conduct forest resource inventories throughout the 50 States. The Pacific Northwest Forest and Range Experiment Station at Portland, Oregon, is responsible for inventories in Alaska, California, Hawaii, Oregon, and Washington.

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Introduction

This report presents statistics from the latest inventory of timber resources for the 16 forested counties in Washington east of the crest of the Cascade Range. The eastern Washington area was first inventoried in 1935, with subsequent inventories in 1953-61 and 1967-68. The five northeastern-most counties were also inventoried in 1947. Although the current inventory includes all 16 counties, data for subunits are available on request.

Field data for all lands except National Forests were collected in the summer and fall of 1980 by the Forest Inventory and Analysis work unit (FIA) of the Pacific Northwest Forest and Range Experiment Station. National Forest inventory data included in this report are for all lands in the State administered by the Colville, Kaniksu, Okanogan, Umatilla, and Wenatchee National Forests. The inventory data were collected by National Forest personnel. Dates of inventories for these five National Forests were:

Forest	Year of inventory
Pacific Northwest Region:	
Colville	1973-74
Okanogan	1977
Umatilla	1969
Wenatchee	1977
Northern Region:	
Kaniksu	1975

Scientific names of trees (Little 1978) are listed on page 10 of this report.

Inventory Procedures

This report combines inventory data from five National Forests with an inventory of State, county, municipal, Indian trust, and private forest lands conducted by FIA in the summer and fall of 1980.

Inventory procedures used on National Forests vary somewhat from forest to forest. Readers desiring detailed information for these inventories should contact the Timber Management staff of the Forest Service Region or National Forest of interest. The general approach used for National Forest inventories in eastern Washington is described below.

All areas of timberland, other forest land, Wilderness¹ and other reserved, and non-forest land were mapped by delineation on aerial photos. Timberland areas were then sampled with field plots, distributed either systematically on a square grid, or randomly in mapped areas defined by forest conditions. The field plots, each a cluster of 10 variable-radius points distributed over about 1 acre (0.4 ha),^{1/} are the basis for estimates of timber volume, growth, mortality, and area attributes such as forest type, site class, and stand size class.

For all lands **other than National Forest**, the sampling design used was double sampling for stratification (Cochran 1963). Owner group, major land class (timberland, other forest, nonforest), and stand volume class were identified on 19,147 photo points. A subsample of 1,266 points were visited to determine the accuracy of the land classifications. Field plots were established or reestablished at all forest land points included in the subsample. At each such plot, trees were measured and tree and area characteristics were observed.

During the 1967-68 inventory, a 10-point plot cluster was established at each timberland field location. For the 1980 inventory, a 5-point subset of the original cluster was checked to account for losses from harvest or mortality. On one-third of these timberland plots, the subset was also remeasured to account for growth in height and diameter of trees surviving from the previous inventory. These remeasurement data were used to develop equations for predicting height and diameter growth; the equations were then used to predict current heights and diameters for the two-thirds of the timber inventory plots for which trees were not remeasured. All timberland plots were then used to estimate volume, growth, mortality, and condition of the forest stand (MacLean 1980).

The correlation between plot volume based on estimated diameters and heights and plot volume calculated from measured diameters and heights was $r = 0.99$. A similar comparison between estimated and measured growth showed a correlation of $r = 0.95$. Bias, in both cases, was negligible.

¹ The Colville and Kaniksu inventories are based on single-point variable-radius plots rather than on 10-point clusters.

Reliability of Inventory Data

The timberland area of the five National Forests in eastern Washington was determined from mapping and is not subject to sampling error. Estimates of National Forest timber volume and growth are based on sampling and are subject to sampling error. Confidence intervals (68-percent probability level) for estimated cubic-foot volume and net annual cubic-foot growth are available for three of the five National Forests:

National Forest	Timberland area	Net volume	Net annual growth
	<i>Thousand acres</i>	<i>..... Million cubic feet</i>	
Colville	973	2,063 ± NA	42.7 ± NA
Kaniksu	110	208 ± NA	4.9 ± NA
Okanogan	683	1,493 ± 55	10.0 ± 0.9
Umatilla	113	354 ± 17	5.8 ± 0.4
Wenatchee	1,028	3,027 ± 95	33.6 ± 1.0

All area and volume statistics for forested areas **other than National Forest** are based on sampling and are subject to sampling error. Confidence intervals (68-percent probability level) for the estimated timberland area, cubic-foot volume, and net annual cubic-foot growth by ownership class are as follows:

Owner	Timberland area	Net volume	Net annual growth
	<i>Thousand acres</i>	<i>..... Million cubic feet</i>	
Other public	1,977 ± 53	5,319 ± 268	122 ± 7
Forest industry	880 ± 37	2,378 ± 173	60 ± 5
Other Private	1,380 ± 49	2,505 ± 143	94 ± 6
All owners, other than National Forest	4,237 ± 78	10,202 ± 345	277 ± 11

Confidence intervals are quantitative expressions of the reliability of the timberland area, volume, and growth statistics. The above tabulation, for instance, indicates a two-in-three (68-percent) chance that the timberland area for all owners (other than National Forest) is within the range 4,237,000 ± 78,000 acres (4,159,000 to 4,315,000 acres).

Confidence intervals vary with both size of the estimate and variance of the item being estimated. If variance is assumed constant, confidence intervals can be approximated for estimates of various sizes. The confidence interval guides that follow are based on the assumption that an average relationship exists between variance and the size of the estimates, and thus provide only an approximation of the reliability of individual estimates.

Timberland area	Confidence interval for other than National Forest land	
	By owner ^{2/}	By type or class ^{2/ 3/}
	<i>Thousand acres</i>	
1,500	± 40	± 90
1,000	± 32	± 75
800	± 28	± 67
600	± 23	± 57
400	± 19	± 49
200	± 12	± 35
100	± 8	± 25
50	± 6	± 18
25	± 4	± 13
15	± 3	± 11
10	± 2	± 9
5	± 1	± 6

Terminology

Confidence intervals for other than National Forest land

For net volume estimates of various sizes ^{2/}	For net annual growth estimates of various sizes ^{2/}
..... Million cubic feet Thousand cubic feet
6,000 ± 340	150,000 ± 8,300
4,000 ± 249	100,000 ± 6,800
2,000 ± 152	50,000 ± 4,800
1,000 ± 103	25,000 ± 3,400
800 ± 94	15,000 ± 2,600
600 ± 84	10,000 ± 2,100
400 ± 74	5,000 ± 1,400
200 ± 65	1,000 ± 300
100 ± 44	500 ± 100
50 ± 23	100 ± 50
25 ± 12	
15 ± 8	
10 ± 6	
5 ± 4	

Actual confidence intervals have been calculated for the tabular data on ownerships **other than National Forest**; they are available on request.

² Constant variance is assumed.

³ Applies to breakdowns of the total estimated timberland areas such as site class, stand size class, and forest type.

Bureau of Land Management lands—Federal lands administered by the Bureau of Land Management, U.S. Department of the Interior.

Class of timber—A classification of trees as growing stock, cull, and salvable dead. Growing stock trees are subdivided into poletimber and sawtimber trees.

Codominant trees—Live trees with crowns forming the general level of the crown canopy and receiving full light from above but comparatively little from the sides; usually with medium-size crowns more or less crowded on the sides.

Commercial species—A tree species suitable for industrial wood products.

County and municipal lands—Lands owned by county and other local public agencies.

Cull trees—Live trees of noncommercial species, or live trees of commercial species that are more than 75-percent defective and are unlikely to become growing stock.

Cull trees, rotten—Cull trees with defect caused primarily by rot.

Cull trees, sound—Trees of noncommercial species or cull trees of commercial species with defect caused primarily by poor form, roughness, etc.

Diameter class—A classification of trees based on diameter outside the bark measured at breast height, 4-1/2 feet (1.37 m) above the ground, D.b.h. is the common abbreviation for "diameter at breast height."

Dominant trees—Live trees with crowns extending above the general level of the crown canopy and receiving full light from above and partly from the side; larger than the average trees in the stand and with crowns dense, comparatively wide and long, but somewhat crowded on the sides.

Forest-industry lands—Lands owned by companies or individuals operating wood-using plants.

Forest land—Land at least 10 percent stocked by live trees or land formerly having such tree cover and not currently developed for nonforest use.

Forest types—Stands with 50 percent or more stocking in live conifer trees are classed as softwood types. Stands with a majority of stocking in live hardwood trees are classed as hardwood types. Within these two groups, the individual forest type is determined by plurality of stocking by species of live softwood or hardwood trees.

Growing stock trees—All live trees with the exception of cull trees.

Growing stock volume—Net volume in cubic feet of live sawtimber and poletimber growing stock trees from stump to a minimum 4-inch (10-cm) top (of central stem) outside the bark. Net volume equals gross volume less deduction for rot and missing bole sections.

Hardwoods—Trees that are angiosperms, usually broad-leaved and deciduous.

Indian lands—Tribal lands held in fee by the Federal Government but administered for Indian Tribal groups and Indian trust allotments.

Industrial wood—All commercial roundwood products except fuelwood.

International 1/4-inch rule—The standard board-foot log rule adopted nationally by the USDA Forest Service for the presentation of inventory volume statistics.

Land area—Area reported as land by the Bureau of the Census. Total land area includes dry land and land temporarily or partially covered by water such as marshes, swamps, and river flood plains; streams, sloughs, and canals less than one-eighth mile (200 m) wide; and lakes, reservoirs, and ponds less than 40 acres (16 ha) in area.

Land class—A classification of land by major use. The minimum size area for classification is 1 acre (0.4 ha).

Mean annual increment—A measure of the productivity of forest land in terms of the average increase in cubic-foot volume per acre per year. For a given species and site index the average is based on the age at which the mean annual increment culminates for fully stocked stands.

Miscellaneous Federal lands—Federal lands other than lands administered by the Forest Service or the Bureau of Land Management.

Mortality—Volume of sound wood in trees dying from natural causes during a specified period.

National Forest lands—Federal lands which have been designated by Executive order or statute as National Forest or purchase units and other lands under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III lands.

Net annual growth—The net increase in volume of trees during a specified year. Components of net annual growth of trees: (a) the increment in net volume of trees alive at the beginning of the specified year and surviving to the year's end, plus (b) the net volume of trees reaching sawtimber or poletimber size during the year, minus (c) the net volume of trees that died during the year.

Noncommercial species—A tree species not suitable for industrial wood products.

Nonforest land—Land that has never supported forests or was formerly forested and is currently developed for nonforest uses. Included are lands used for agricultural crops, Christmas tree farms, improved pasture, residential areas, city parks, improved roads, operating railroads and their right-of-way clearings, powerline and pipeline clearings, streams over 30 feet (10 m) wide, and 1- to 40-acre (0.4- to 16-ha) areas of water classified by the Bureau of the Census as land. If intermingled in forest areas, unimproved roads and other nonforest strips must be more than 120 feet (35 m) wide, and clearings or other areas must be 1 acre (0.4 ha) or larger in size to qualify as nonforest land.

Nonstocked areas—Timberland less than 10 percent stocked with growing stock trees.

Other forest land—Forest land incapable of producing 20 cubic feet per acre per year of industrial wood because of adverse site conditions such as sterile soils, dry climate, poor drainage, high elevation, steepness, or rockiness.

Other private lands—All privately owned lands except those classed as forest-industry lands.

Other private lands, farmer—Lands owned by operators of farms.

Other private lands, miscellaneous—Privately owned lands other than those owned by the forest industry or farmers.

Other public lands—Lands administered by public agencies other than the Forest Service.

Poletimber stands—Stands with a mean diameter (weighted by basal area) from 5.0-9.0 inches (12.5-22.5 cm) if softwood and from 5.0-11.0 inches (12.5-27.5 cm) if hardwood.

Poletimber trees—Live trees of commercial species at least 5.0 inches (12.5 cm) in d.b.h. but smaller than sawtimber size, and of good form and vigor.

Roundwood—Logs, bolts, or other round sections cut from trees.

Salvable dead trees—Standing or down trees of commercial species, at least 9.0 inches (22.5 cm) in d.b.h. for softwoods and at least 11.0 inches (27.5 cm) in d.b.h. for hardwoods, containing 25 percent or more sound wood volume and at least one merchantable 12-foot (3.8-m) log if softwood or one merchantable 8-foot (2.5-m) log if hardwood.

Sapling and seedling stands—Stands with a mean diameter (weighted by basal area) less than 5.0 inches (12.5 cm).

Sapling and seedling trees—Live trees of commercial species less than 5.0 inches (12.5 cm) in d.b.h. with no disease, defects, or deformities likely to prevent their becoming poletimber trees.

Saw-log portion—The bole of sawtimber trees between the stump and the saw log top.

Sawtimber stands—Stands with a mean diameter (weighted by basal area) larger than 9.0 inches (22.5 cm) if softwood and larger than 11.0 inches (27.5 cm) if hardwood.

Sawtimber trees—Live softwood trees of commercial species at least 9.0 inches (22.5 cm) in d.b.h. and hardwood trees of commercial species at least 11.0 inches (27.5 cm) in d.b.h. At least 25 percent of the board-foot volume in a sawtimber tree must be free from defect. Softwood trees must contain at least one 12-foot (3.8-m) saw log with a top diameter of not less than 6 inches (15 cm) inside the bark; hardwood trees must contain at least one 8-foot (2.5-m) saw log with a top diameter of not less than 8 inches (20 cm) inside the bark.

Sawtimber volume—Net volume of sawtimber trees measured in board feet. Net volume equals gross volume less deduction for rot, sweep, crook, and other defects that affect use for lumber.

Scribner rule—The common board-foot log rule used locally in determining volume of sawtimber. Scribner volume is estimated in terms of 16-foot (5-m) logs.

Site class—A classification of the potential productivity of forest land in terms of mean annual increment.

Site index—A measure of the productivity of forest land in terms of the average height of dominant and codominant trees at a specified age.

Softwoods—Coniferous trees, usually evergreen, with needles or scalelike leaves.

State lands—Lands owned by States or administered by State agencies.

Timber harvest—Volume of roundwood removed from forest land for products.

Timber volume—Includes the net volume in cubic feet of poletimber and sawtimber trees and salvable dead sawtimber trees of all species, the net volume in cubic feet of cull trees of commercial species, and gross volume of noncommercial species. Volume is measured from stump to a minimum 4-inch (10-cm) top outside the bark.

Timberland—Forest land capable of producing 20 cubic feet or more per acre (1.4 m³/ha) per year of industrial wood, and not withdrawn from timber utilization.

Timberland, deferred—National Forest timberland temporarily withdrawn from timber utilization and under study for possible inclusion in the wilderness system.

Timberland, reserved—Public land withdrawn from timber utilization through statute, ordinance, or administrative order but which otherwise qualifies as timberland.

Upper-stem portion—The bole of sawtimber trees above the saw log top—7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) outside the bark for hardwoods—to a minimum top diameter of 4.0 inches (10 cm) outside the bark, or to the point where the central stem breaks into limbs.

Names of Trees

Common name	Scientific name
Softwoods	
Alaska-cedar	<i>Chamaecyparis nootkatensis</i> (D. Don) Spach
Douglas-fir	<i>Pseudotsuga menziesii</i> (Mirb.) Franco
Fir, grand	<i>Abies grandis</i> (Dougl.) Lindl.
Fir, noble	<i>A. procera</i> Rehd.
Fir, Pacific silver	<i>A. amabilis</i> Dougl. ex Forbes
Fir, subalpine	<i>A. lasiocarpa</i> (Hook.) Nutt.
Hemlock, mountain	<i>Tsuga mertensiana</i> (Bong.) Carr.
Hemlock, western	<i>T. heterophylla</i> (Raf.) Sarg.
Larch, subalpine	<i>Larix lyallii</i> Parl.
Larch, western	<i>L. occidentalis</i> Nutt.
Pine, lodgepole	<i>Pinus contorta</i> Dougl. es Loud. var. <i>latifolia</i> Engelm.
Pine, ponderosa	<i>P. ponderosa</i> Dougl. ex Laws.
Pine, western white	<i>P. monticola</i> Dougl. ex D. Don
Pine, whitebark	<i>P. albicaulis</i> Engelm.
Redcedar, western	<i>Thuja plicata</i> Donn ex D. Don
Spruce, Engelmann	<i>Picea engelmannii</i> Parry ex Engelm.
Hardwoods	
Alder, red	<i>Alnus rubra</i> Bong.
Alder, white	<i>A. rhombifolia</i> Nutt.
Aspen, quaking	<i>Populus tremuloides</i> Michx.
Birch, western paper	<i>Betula papyrifera</i> var. <i>commutata</i> (Reg.) Fern.
Cottonwood, black	<i>Populus trichocarpa</i> Torr. & Gray
Maple, bigleaf	<i>Acer macrophyllum</i> Pursh
Oak, Oregon white	<i>Quercus garryana</i> Dougl. ex hook
Willow	<i>Salix</i> spp.

Tables

Estimates in this report are developed from statistically based samples and therefore are subject to sampling error. Approximate confidence intervals for estimates of various sizes are presented in the section "Reliability of Inventory Data."

Table 1—Area by county and land class, eastern Washington, January 1, 1981 ^{1/}

COUNTY	FOREST LAND				TOTAL	NONFOREST LAND ^{2/}	ALL LANDS ^{3/4/}
	TIMBERLAND	TIMBERLAND, DEFERRED	TIMBERLAND, RESERVED	OTHER FOREST			
	<u>THOUSAND HECTARES</u>						
ADAMS	--	--	--	--	--	490	490
ASOTIN	25	--	5/	7	32	132	164
BENTON	--	--	--	--	--	446	446
CHELAN	273	3	45	96	418	340	758
COLUMBIA	36	--	11	12	59	163	223
DOUGLAS	2	--	--	--	3	473	476
FERRY	414	--	2	70	485	88	573
FRANKLIN	--	--	--	--	--	326	326
GARFIELD	23	--	2	4	30	155	185
GRANT	--	--	--	--	--	694	694
KITTITAS	214	--	10	47	271	326	598
KLICKITAT	144	--	5/	54	198	289	488
LINCOLN	20	--	7/	4	25	572	597
OKANOGAN	520	--	72	196	788	584	1 373
PENO OREILLE	297	6	1	17	321	42	363
SPOKANE	119	--	10	17	145	310	456
STEVENS	446	--	2	49	497	145	642
WALLA WALLA	8	--	--	2	10	318	328
WHITMAN	4	--	5/	1	4	556	561
YAKIMA	334	--	18	52	404	688	1 092
OTHER COUNTIES ^{6/}	13	--	12	15	39	40	80
ALL COUNTIES ^{6/}	2 891	9	185	645	3 730	7 184	10 913
	<u>THOUSAND ACRES</u>						
ADAMS	--	--	--	--	--	1,212	1,212
ASOTIN	61	--	7/	18	79	327	405
BENTON	--	--	--	--	--	1,102	1,102
CHELAN	674	8	112	238	1,032	841	1,873
COLUMBIA	90	--	26	30	146	404	550
DOUGLAS	6	--	--	1	7	1,170	1,177
FERRY	1,022	--	4	172	1,198	218	1,415
FRANKLIN	--	--	--	--	--	806	806
GARFIELD	57	--	6	11	73	383	456
GRANT	--	--	--	--	--	1,716	1,716
KITTITAS	530	--	24	117	670	806	1,477
KLICKITAT	356	--	7/	134	490	715	1,206
LINCOLN	49	--	2	11	63	1,413	1,475
OKANOGAN	1,286	--	177	484	1,948	1,444	3,392
PENO OREILLE	733	15	2	42	792	105	897
SPOKANE	293	--	24	43	359	767	1,127
STEVENS	1,102	--	5	121	1,228	359	1,587
WALLA WALLA	19	--	--	5	24	787	811
WHITMAN	9	--	7/	2	11	1,375	1,386
YAKIMA	826	--	44	128	999	1,701	2,699
OTHER COUNTIES ^{6/}	32	--	29	36	97	100	197
ALL COUNTIES ^{6/}	7,145	23	457	1,593	9,216	17,751	26,966

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Includes cropland, pasture and range, swampland, industrial and urban areas, powerline clearings, railroads, and all improved roads and highways, and water as classified by Forest Inventory and Analysis standards but defined by the Bureau of Census as land.

^{3/}Source: United States Bureau of the Census, Land and Water of the United States, 1960.

^{4/}Includes all land administered by the Colville, Kanitsu (Washington portion), Okanogan, Umatilla (Washington portion), and Wenatchee National Forests. Excludes 9,000 acres (4 000 hectares) in Klickitat County and 38,000 acres (15 000 hectares) in Yakima County administered by the Gifford Pinchot National Forest and previously reported (Bassett and Oswald 1981).

^{5/}Less than 500 hectares.

^{6/}Includes 161,000 acres (65 000 hectares) in Whatcom County and 36,000 acres (15 000 hectares) in Skagit County administered by the Okanogan National Forest.

^{7/}Less than 500 acres.

Table 2—Area of timberland by county and ownership class, eastern Washington, January 1, 1981 ^{1/}

COUNTY	NATIONAL FOREST	OTHER PUBLIC					PRIVATE				ALL OWNERSHIPS	
		BUREAU OF LAND MANAGEMENT	INDIAN	MISCELLANEOUS FEDERAL	STATE	COUNTY AND MUNICIPAL	TOTAL	FOREST INDUSTRY	FARMER	MISCELLANEOUS		TOTAL
<u>THOUSAND ACRES</u>												
ASOTIN	22	--	--	--	9	--	9	1	10	18	29	61
CHELAN	514	--	--	--	27	8	35	72	24	28	124	674
COLUMBIA	48	1	--	--	4	--	6	5	10	21	36	90
DOUGLAS	--	2/	--	--	2/	--	2/	--	3	3	6	6
FERRY	407	8	416	--	28	1	453	51	34	76	162	1,022
GARFIELDO	43	--	--	--	3	--	3	1	3	7	11	57
KITTITAS	231	--	--	--	69	--	69	195	16	19	230	530
KLICKITAT	--	2	32	3	74	1	112	168	40	37	244	356
LINCOLN	--	--	--	--	3	1	4	2/	15	29	45	49
OKANOGAN	649	10	251	4	183	--	448	41	83	65	189	1,286
PENO OREILLE	464	1	3	2/	29	3	36	100	41	92	233	733
SPOKANE	--	--	--	13	15	3	32	22	79	161	261	293
STEVENS	211	18	89	39	150	2	297	165	137	291	593	1,102
WALLA WALLA	--	--	--	--	1	2	3	2	5	9	17	19
WHITMAN	--	--	--	--	1	--	1	--	3	5	8	9
YAKIMA	286	--	389	3	80	--	471	56	6	7	69	826
OTHER COUNTIES ^{3/}	32	--	--	--	--	--	--	--	--	--	--	32
ALL COUNTIES ^{3/}	2,907	40	1,180	62	675	21	1,977	880	510	870	2,259	7,144

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Less than 500 acres.

^{3/}Includes 13,000 acres (5 000 ha) in Skagit County and 19,000 acres (8 000 ha) in Whatcom County administered by the Okanogan National Forest.

Table 3—Area of timberland by cubic-foot site and ownership classes, eastern Washington, January 1, 1981 ^{1/}

SITE CLASS ^{2/}	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>CUBIC FEET</u> <u>THOUSAND ACRES</u>					
225 OR MORE	--	--	--	--	--
165-224	165	7	12	27	212
120-164	507	170	116	194	988
85-119	619	511	242	365	1,736
50-84	981	721	344	468	2,514
20-49	636	568	166	325	1,695
ALL CLASSES	2,907	1,977	880	1,380	7,144

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Capacity for cubic-foot annual growth per acre at culmination of mean annual growth in fully stocked natural stands.

Table 4—Area of timberland by stand size and ownership classes, eastern Washington, January 1, 1981^{1/}

STAND SIZE CLASS	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>THOUSAND HECTARES</u>					
SAWTIMBER STANDS:					
LARGE SAWTIMBER ^{2/}	231	48	13	3	295
SMALL SAWTIMBER ^{3/}	479	468	222	271	1 440
TOTAL	710	516	235	274	1 735
POLETIMBER STANDS	163	125	64	147	499
SAPLING AND SEEDLING STANDS	244	147	43	120	554
NONSTOCKED AREAS	59	13	14	17	103
ALL CLASSES	1 176	800	356	558	2 891
<u>THOUSAND ACRES</u>					
SAWTIMBER STANDS:					
LARGE SAWTIMBER ^{4/}	572	118	32	7	728
SMALL SAWTIMBER ^{5/}	1,183	1,156	549	670	3,559
TOTAL	1,755	1,274	581	677	4,287
POLETIMBER STANDS	404	308	159	364	1,234
SAPLING AND SEEDLING STANDS	604	363	106	296	1,368
NONSTOCKED AREAS	145	33	34	43	255
ALL CLASSES	2,907	1,977	880	1,380	7,144

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Large sawtimber includes trees 52.5-centimeter d.b.h. and larger.

^{3/}Small sawtimber includes softwood trees 22.5- to 52.4-centimeter d.b.h. and hardwood trees 27.5- to 52.4-centimeter d.b.h.

^{4/}Large sawtimber includes trees 21.0-inch d.b.h. and larger.

^{5/}Small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 5—Area of timberland by forest type and ownership class, eastern Washington, January 1, 1981 ^{1/}

FOREST TYPE	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
	<u>THOUSAND ACRES</u>				
DOUGLAS-FIR	904	773	284	630	2,590
PONDEROSA PINE	200	657	243	387	1,486
LOGSPOLE PINE	385	174	27	128	714
GRAND FIR	305	121	148	90	663
WESTERN LARCH	396	53	43	19	511
SUBALPINE FIR	171	51	22	--	244
ENGELMANN SPRUCE	134	24	19	13	191
WESTERN REDCEDAR	70	37	20	15	141
PACIFIC SILVER FIR	84	19	15	--	117
WESTERN HEMLOCK	64	--	19	--	83
MOUNTAIN HEMLOCK	34	7	7	--	47
WHITEBARK PINE	7	--	--	--	7
WESTERN WHITE PINE	4	--	--	--	4
ALASKA-CEDAR	2	--	--	--	2
ASPEN	--	7	--	28	35
OREGON WHITE OAK	--	12	--	13	25
COTTONWOOD	--	6	--	7	12
MAPLE	--	--	--	7	7
RED ALDER	--	5	--	--	5
OTHER HARDWOODS	2	--	--	--	2
NONCOMMERCIAL CONIFERS	1	--	--	--	1
UNCLASSIFIED ^{2/}	145	33	34	43	255
ALL TYPES	2,907	1,977	880	1,380	7,144

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Unclassified type is less than 10-percent stocked with live trees.

Table 6—Area of reserved and deferred timberland and other forest land by land class, forest type, and ownership class, eastern Washington, January 1, 1981 ^{1/}

LAND CLASS AND FOREST TYPE	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
	<u>THOUSAND ACRES</u>				
TIMBERLAND, RESERVED:					
LODGEPOLE PINE	91	3	--	--	94
SPRUCE	62	7	--	--	69
SUBALPINE FIR	50	8	--	--	58
DOUGLAS-FIR	34	19	--	--	53
PACIFIC SILVER FIR	45	--	--	--	45
LARCH	44	--	--	--	44
PONDEROSA PINE	6	33	--	--	39
GRAND FIR	22	14	--	--	36
WESTERN HEMLOCK	3	11	--	--	14
OTHER CONIFERS	--	5	--	--	5
HARDWOODS	--	<u>3/</u>	--	--	<u>3/</u>
ALL TIMBERLAND, RESERVED	357	100	--	--	457
TIMBERLAND, DEFERRED:					
CEDAR-HEMLOCK	10	--	--	--	10
SPRUCE	5	--	--	--	5
UNCLASSIFIED <u>4/</u>	8	--	--	--	8
ALL TIMBERLAND, DEFERRED	23	--	--	--	23
OTHER FOREST LAND:					
PONDEROSA PINE	--	205	75	141	421
DOUGLAS-FIR	--	65	7	26	97
ENGELMANN SPRUCE	--	6	--	--	6
NOBLE FIR	--	--	6	--	6
LODGEPOLE PINE	--	6	--	--	6
HARDWOODS	--	20	8	19	46
OAK-MADRONE	--	15	--	52	67
WILLOW	--	13	--	20	33
NONSTOCKED	--	22	19	7	47
UNCLASSIFIED <u>4/</u>	797	31	36	--	864
ALL OTHER FOREST LAND <u>5/</u>	797	383	150	264	1,593

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Area of timberland by forest type and ownership class is presented in table 5.

^{3/}Less than 500 acres.

^{4/}Information on forest type not available.

^{5/}Includes 114,000 acres of reserved areas.

Table 7—Volume of timber on timberland by class of timber and by softwoods and hardwoods, eastern Washington, January 1, 1981 ^{1/}

CLASS OF TIMBER	SOFTWOODS	HARDWOODS	ALL SPECIES
	<u>MILLION CUBIC FEET</u>		
SAWTIMBER TREES:			
SAW-LOG PORTION	13,939	121	14,059
UPPER-STEM PORTION	662	20	682
TOTAL	14,601	141	14,741
POLETIMBER TREES	2,507	99	2,606
ALL GROWING STOCK	17,108	239	17,348
SOUND CULL TREES	64	18	82
ROTTEN CULL TREES	85	1	85
SALVABLE DEAD TREES	274	<u>2/</u>	274
ALL TIMBER	17,531	258	17,789

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

2/Less than 500,000 cubic feet.

Table 8—Volume of growing stock and sawtimber on timberland by ownership class and by softwoods and hardwoods, eastern Washington, January 1, 1981 ^{1/}

OWNERSHIP CLASS	AVERAGE VOLUME	SOFTWOODS	HARDWOODS	ALL SPECIES
	<u>CUBIC METERS PER HECTARE</u>	<u>MILLION CUBIC METERS</u>		
GROWING STOCK: 2/ NATIONAL FOREST	172	200	2	202
OTHER PUBLIC	189	148	2	151
FOREST INDUSTRY	188	67	3/	67
OTHER PRIVATE	127	68	3	71
ALL OWNERSHIPS	170	484	7	491
	<u>CUBIC FEET PER ACRE</u>	<u>MILLION CUBIC FEET</u>		
GROWING STOCK: 4/ NATIONAL FOREST	2,458	7,083	62	7,145
OTHER PUBLIC	2,690	5,243	77	5,319
FOREST INDUSTRY	2,702	2,370	8	2,378
OTHER PRIVATE	1,816	2,413	92	2,506
ALL OWNERSHIPS	2,428	17,108	239	17,348
	<u>BOARD FEET PER ACRE</u>	<u>MILLION BOARD FEET</u>		
SAWTIMBER (INTERNATIONAL 1/4-INCH RULE): 5/ NATIONAL FOREST	11,426	33,082	134	33,216
OTHER PUBLIC	13,454	26,332	267	26,599
FOREST INDUSTRY	13,407	11,795	4	11,798
OTHER PRIVATE	7,906	10,605	305	10,910
ALL OWNERSHIPS	11,551	81,814	710	82,523
SAWTIMBER (SCRIBNER RULE): 5/ NATIONAL FOREST	10,177	29,469	116	29,585
OTHER PUBLIC	11,521	22,557	220	22,778
FOREST INDUSTRY	11,344	9,980	3	9,983
OTHER PRIVATE	6,509	8,734	249	8,983
ALL OWNERSHIPS	9,984	70,741	588	71,329

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Includes trees 12.5-centimeter d.b.h. and larger.

^{3/}Less than 500 000 cubic meters.

^{4/}Includes trees 5.0-inch d.b.h. and larger.

^{5/}Includes softwood trees 9.0-inch d.b.h. and larger and hardwood trees 11.0-inch d.b.h. and larger.

Table 9—Volume of growing stock and sawtimber on timberland by county and ownership class, eastern Washington, January 1, 1981 ^{1/}

COUNTY	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>MILLION CUBIC METERS</u>					
GROWING STOCK: <u>2/</u>					
ASOTIN	2	1	3/	1	4
CHELAN	38	2	6	3	50
COLUMBIA	5	3/	3/	2	8
DOUGLAS	--	3/	--	3/	1
FERRY	23	30	3	6	63
GARFIELD	3	3/	3/	1	4
KITTITAS	24	5	7	2	48
KLICKITAT	--	10	11	4	25
LINCOLN	--	3/	3/	2	2
OKANOGAN	39	37	3	8	87
PEND OREILLE	29	3	8	8	47
SPOKANE	--	2	2	10	14
STEVENS	12	19	11	21	64
WALLA WALLA	--	3/	3/	1	1
WHITMAN	--	3/	--	3/	3/
YAKIMA	24	41	4	7	69
OTHER COUNTIES <u>4/</u>	3	--	--	--	3
ALL COUNTIES	202	151	67	71	491
<u>MILLION CUBIC FEET</u>					
GROWING STOCK: <u>5/</u>					
ASOTIN	67	20	3	47	137
CHELAN	1,355	84	215	122	1,776
COLUMBIA	180	16	14	61	271
DOUGLAS	--	2	--	16	18
FERRY	825	1,068	119	210	2,222
GARFIELD	108	7	3	19	137
KITTITAS	839	172	612	77	1,700
KLICKITAT	--	350	393	142	885
LINCOLN	--	6	6/	60	66
OKANOGAN	1,391	1,300	109	286	3,086
PEND OREILLE	1,013	94	299	268	1,674
SPOKANE	--	67	66	368	501
STEVENS	433	684	399	759	2,275
WALLA WALLA	--	6	8	27	41
WHITMAN	--	1	--	14	15
YAKIMA	833	1,442	137	29	2,441
OTHER COUNTIES <u>4/</u>	101	--	--	--	101
ALL COUNTIES	7,145	5,319	2,378	2,506	17,348

Table 9—Volume of growing stock and sawtimber on timberland by county and ownership class, eastern Washington, January 1, 1981 ^{1/}, continued

COUNTY	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>MILLION BOARD FEET</u>					
SAWTIMBER (INTERNATIONAL 1/4-INCH RULE): <u>7/</u>					
ASOTIN	277	92	15	203	587
CHELAN	6,871	402	1,126	598	8,997
COLUMBIA	961	77	66	256	1,360
COUGLAS	--	9	--	83	92
FERRY	3,099	5,290	528	886	9,803
GARFIELD	544	33	12	81	670
KITTITAS	4,678	842	3,263	365	9,148
KLICKITAT	--	1,841	2,048	667	4,556
LINCOLN	--	29	2	256	287
OKANOGAN	6,110	6,726	580	1,355	14,771
PENO OREILLE	3,929	433	1,378	1,116	6,856
SPOKANE	--	311	310	1,556	2,177
STEVENS	1,627	3,205	1,739	3,176	9,747
WALLA WALLA	--	29	38	114	181
WHITMAN	--	5	--	59	64
YAKIMA	4,608	7,274	693	139	12,714
OTHER COUNTIES <u>8/</u>	511	--	--	--	511
ALL COUNTIES	33,216	26,599	11,798	10,910	82,523
SAWTIMBER (SCRIBNER RULE): <u>7/</u>					
ASOTIN	244	76	12	166	498
CHELAN	6,037	341	960	502	7,840
COLUMBIA	848	64	55	209	1,176
COUGLAS	--	8	--	70	78
FERRY	2,873	4,507	439	723	8,542
GARFIELD	483	27	10	66	586
KITTITAS	4,188	720	2,801	305	8,014
KLICKITAT	--	1,616	1,743	558	3,917
LINCOLN	--	24	2	209	235
OKANOGAN	5,293	5,819	495	1,135	12,742
PENO OREILLE	3,534	361	1,150	912	5,957
SPOKANE	--	258	259	1,271	1,788
STEVENS	1,530	2,679	1,441	2,598	8,248
WALLA WALLA	--	24	31	94	149
WHITMAN	--	4	--	48	52
YAKIMA	4,105	6,251	585	116	11,057
OTHER COUNTIES <u>8/</u>	451	--	--	--	451
ALL COUNTIES	29,585	22,778	9,983	8,983	71,329

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

2/Includes trees 12.5-centimeter d.b.h. and larger.

3/Less than 500 000 cubic meters.

4/Includes growing stock volume on timberland in Whatcom County and Skagit County administered by the Okanogan National Forest.

5/Includes trees 5.0-inch d.b.h. and larger.

6/Less than 500,000 cubic feet.

7/Includes softwoods trees 9.0-inch d.b.h. and larger and hardwood trees 11.0-inch d.b.h. and larger.

8/Includes sawtimber volume on timberland in Whatcom County and Skagit County administered by the Okanogan National Forest.

Table 10—Volume of growing stock on timberland by species and ownership class, eastern Washington, January 1, 1981 ^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>MILLION CUBIC FEET</u>					
SOFTWOODS:					
DOUGLAS-FIR	2,321	1,749	818	1,072	5,960
PONDEROSA PINE	591	1,507	438	623	3,160
LOGPOLE PINE	720	502	110	270	1,601
GRAND FIR	557	487	301	222	1,566
WESTERN LARCH	701	483	177	146	1,507
ENGELMANN SPRUCE	475	195	128	10	808
SUBALPINE FIR	452	92	96	1	641
PACIFIC SILVER FIR	400	63	89	--	552
WESTERN REDCEDAR	246	84	62	64	456
WESTERN HEMLOCK	287	4	64	3	357
MOUNTAIN HEMLOCK	147	55	48	--	249
WESTERN WHITE PINE	150	14	26	3	192
ALASKA-CEDAR	28	--	4	--	32
WHITEBARK PINE	8	6	7	--	21
NOBLE FIR	2	3	3	--	8
SUBALPINE LARCH	1	--	--	--	1
TOTAL	7,083	5,243	2,370	2,413	17,108
HARWOODS:					
QUAKING ASPEN	12	45	--	30	87
WESTERN PAPER BIRCH ^{2/}	38	5	4	23	71
BLACK COTTONWOOD	10	12	--	31	52
OREGON WHITE OAK	--	5	3	5	13
RED ALDER	2	8	--	3/	10
WHITE ALDER	3/	--	--	4	4
BIGLEAF MAPLE	1	2	--	--	3
TOTAL	62	77	8	92	239
ALL SPECIES	7,145	5,319	2,378	2,506	17,348

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Contains minor amounts of other hardwoods.

^{3/}Less than 500,000 cubic feet.

Table 11—Volume of sawtimber, International 1/4-inch rule, on timberland by species and ownership class, eastern Washington, January 1, 1981 ^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>MILLION BOARD FEET</u>					
SOFTWOODS:					
DOUGLAS-FIR	11,295	9,183	4,245	4,769	29,492
PONDEROSA PINE	3,360	8,192	2,326	3,044	16,921
LOGEPOLE PINE	1,763	1,664	392	784	4,603
GRAND FIR	2,606	2,418	1,367	1,160	7,551
WESTERN LARCH	3,274	2,366	756	525	6,920
ENGELMANN SPRUCE	2,398	1,008	762	34	4,202
SUBALPINE FIR	1,732	397	387	--	2,516
PACIFIC SILVER FIR	2,352	345	500	--	3,197
WESTERN REDCEDAR	1,060	334	246	264	1,903
WESTERN HEMLOCK	1,556	16	333	15	1,920
MOUNTAIN HEMLOCK	773	309	274	--	1,355
WESTERN WHITE PINE	706	73	137	11	927
ALASKA-CEDAR	156	--	16	--	172
WHITEBARK PINE	39	27	37	--	103
NOBLE FIR	10	--	18	--	29
SUBALPINE LARCH	5	--	--	--	5
TOTAL	33,082	26,332	11,795	10,605	81,814
HARDWOODS:					
QUAKING ASPEN	21	164	--	110	295
WESTERN PAPER BIRCH ^{2/}	60	--	--	52	112
BLACK COTTONWOOD	47	59	--	140	246
OREGON WHITE OAK	--	9	4	4	17
RED ALDER	3	35	--	--	39
BIGLEAF MAPLE	1	--	--	--	1
TOTAL	134	267	4	305	710
ALL SPECIES	33,216	26,599	11,798	10,910	82,523

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Contains minor amounts of other hardwoods.

Table 12—Volume of sawtimber, Scribner rule, on timberland by species and ownership class, eastern Washington, January 1, 1981^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
MILLION BOARD FEET					
SOFTWOODS:					
DOUGLAS-FIR	10,413	7,906	3,589	3,904	25,812
PONDEROSA PINE	3,155	7,052	1,977	2,533	14,716
LOGPOLE PINE	1,400	1,353	315	621	3,689
GRAND FIR	2,246	2,076	1,151	991	6,464
WESTERN LARCH	2,916	2,026	617	422	5,980
ENGELMANN SPRUCE	2,115	868	677	27	3,687
SUBALPINE FIR	1,428	327	321	--	2,076
PACIFIC SILVER FIR	2,120	297	434	--	2,851
WESTERN REDCEDAR	843	284	203	216	1,546
WESTERN HEMLOCK	1,327	14	285	12	1,638
MOUNTAIN HEMLOCK	682	268	234	--	1,184
WESTERN WHITE PINE	640	63	117	9	828
ALASKA CEDAR	137	--	14	--	151
WHITEBARK PINE	35	23	31	--	88
NOBLE FIR	9	--	17	--	26
SUBALPINE LARCH	5	--	--	--	5
TOTAL	29,469	22,557	9,980	8,734	70,741
HARDWOODS:					
QUAKING ASPEN	18	133	--	90	242
WESTERN PAPER BIRCH ^{2/}	53	--	--	41	94
BLACK COTTONWOOD	41	50	--	115	205
OREGON WHITE OAK	--	7	3	3	13
RED ALDER	3	30	--	--	33
BIGLEAF MAPLE	1	--	--	--	1
TOTAL	116	220	3	249	588
ALL SPECIES	29,585	22,778	9,983	8,983	71,329

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Contains minor amounts of other hardwoods.

Table 13—Volume of growing stock on timberland by species and diameter class, eastern Washington, January 1, 1981 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)										
	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 AND LARGER	ALL CLASSES
	MILLION CUBIC FEET										
SOFTWOODS:											
DOUGLAS-FIR	221	434	519	711	650	617	512	398	1,049	851	5,960
PONDEROSA PINE	64	163	225	286	314	267	273	240	767	563	3,160
LOGEPOLE PINE	264	440	326	227	139	80	55	37	27	6	1,601
GRAND FIR	74	160	153	170	154	180	157	125	231	162	1,566
WESTERN LARCH	84	150	172	163	162	162	117	116	264	115	1,507
ENGELMANN SPRUCE	35	50	65	72	80	86	62	75	182	98	808
SUBALPINE FIR	66	100	84	96	89	67	57	23	54	5	641
PACIFIC SILVER FIR	17	19	34	31	57	43	43	36	165	106	552
WESTERN REDCEDAR	29	52	54	40	45	42	35	32	61	65	456
WESTERN HEMLOCK	12	28	23	27	29	26	31	33	95	54	357
MOUNTAIN HEMLOCK	8	11	13	17	25	32	31	23	62	27	249
WESTERN WHITE PINE	8	17	17	18	26	16	18	18	36	19	192
ALASKA-CEDAR	--	1	1	1	2	3	2	4	12	5	32
WHITEBARK PINE	1	2/	1	4	2	2	6	1	4	2/	21
NOBLE FIR	--	3	--	--	2/	2/	2/	--	1	4	8
SUBALPINE LARCH	--	2/	1	2/	2/	--	--	--	2/	--	1
TOTAL	882	1,626	1,688	1,867	1,775	1,624	1,400	1,160	3,007	2,081	17,108
HARDWOODS:											
QUAKING ASPEN	5	9	13	15	25	10	6	4	--	--	87
WESTERN PAPER BIRCH ^{3/}	21	19	7	12	5	1	1	1	3	--	71
BLACK COTTONWOOD	2/	1	5	9	6	9	3	2	15	2	52
OREGON WHITE OAK	5	1	4	--	1	1	--	--	2	--	13
RED ALDER	1	2/	1	2/	3	2/	--	1	3	--	10
WHITE ALDER	1	3	2/	--	--	--	--	--	--	--	4
BIGLEAF MAPLE	--	1	1	2/	--	--	--	--	--	--	3
TOTAL	33	35	31	36	40	21	10	9	23	2	239
ALL SPECIES	915	1,661	1,718	1,903	1,814	1,644	1,410	1,169	3,029	2,082	17,348

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Less than 500,000 cubic feet.

^{3/}Contains minor amounts of other hardwoods.

Table 14—Volume of sawtimber, International 1/4-inch rule, on timberland by species and diameter class, eastern Washington, January 1, 1981 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)								
	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 AND LARGER	ALL CLASSES
	<u>MILLION BOARD FEET</u>								
SOFTWOODS:									
DOUGLAS-FIR	2,095	3,461	3,354	3,346	2,855	2,303	6,344	5,735	29,492
PONDEROSA PINE	898	1,383	1,667	1,477	1,586	1,422	4,755	3,732	16,921
LOGEPOLE PINE	1,460	1,177	775	450	317	222	167	36	4,603
GRAND FIR	668	861	861	1,038	914	756	1,437	1,015	7,551
WESTERN LARCH	731	843	887	893	666	673	1,555	670	6,920
ENGELMANN SPRUCE	283	381	444	495	368	450	1,156	627	4,202
SUBALPINE FIR	356	481	471	377	334	137	326	35	2,516
PACIFIC SILVER FIR	158	168	321	252	267	228	1,064	740	3,197
WESTERN REDCEDAR	216	192	211	214	188	164	333	383	1,903
WESTERN HEMLOCK	102	134	160	149	179	203	619	377	1,920
MOUNTAIN HEMLOCK	60	84	137	184	182	141	392	176	1,355
WESTERN WHITE PINE	69	91	140	84	103	100	214	125	927
ALASKA-CEDAR	5	5	12	14	13	20	70	33	172
WHITEBARK PINE	5	18	9	12	34	3	23	2/	103
NOBLE FIR	--	--	1	1	2	--	3	22	29
SUBALPINE LARCH	2	1	1	--	--	--	1	--	5
TOTAL	7,108	9,278	9,450	8,989	8,004	6,821	18,457	13,704	81,814
HARDWOODS:									
QUAKING ASPEN	--	64	126	53	31	22	--	--	295
WESTERN PAPER BIRCH ^{3/}	--	54	27	5	7	6	13	--	112
BLACK COTTONWOOD	--	38	29	50	17	14	87	10	246
OREGON WHITE OAK	--	--	4	1	--	--	12	--	17
RED ALDER	--	1	17	1	--	4	16	--	39
BIGLEAF MAPLE	--	1	--	--	--	--	--	--	1
TOTAL	--	158	203	108	56	47	127	10	710
ALL SPECIES	7,108	9,437	9,654	9,098	8,060	6,868	18,585	13,714	82,523

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Less than 500,000 board feet.

^{3/}Contains minor amounts of other hardwoods.

Table 15—Volume of sawtimber, Scribner rule, on timberland by species and diameter class, eastern Washington, January 1, 1981^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)								
	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 AND LARGER	ALL CLASSES
	<u>MILLION BOARD FEET</u>								
SOFTWOODS:									
DOUGLAS-FIR	1,656	2,822	2,823	2,895	2,493	2,053	5,740	5,330	25,812
PONDEROSA PINE	668	1,091	1,362	1,236	1,360	1,237	4,268	3,494	14,716
LOGPOLE PINE	1,132	916	629	378	267	191	143	32	3,689
GRAND FIR	524	691	713	877	784	659	1,275	942	6,464
WESTERN LARCH	565	666	744	770	587	601	1,418	630	5,980
ENGELMANN SPRUCE	232	308	372	426	325	398	1,040	586	3,687
SUBALPINE FIR	284	381	384	314	283	114	285	32	2,076
PACIFIC SILVER FIR	121	137	268	217	236	205	970	698	2,851
WESTERN REDCEDAR	175	156	177	181	158	130	261	308	1,546
WESTERN HEMLOCK	85	112	138	128	153	172	526	324	1,638
MOUNTAIN HEMLOCK	46	68	114	156	157	125	353	165	1,184
WESTERN WHITE PINE	60	78	120	77	93	91	194	114	828
ALASKA-CEDAR	4	4	9	12	11	18	63	31	151
WHITEBARK PINE	4	14	8	10	30	2	20	2/	88
WHITE FIR	--	1	1	5	--	1	1	--	8
SUBALPINE LARCH	2	1	1	--	--	--	1	--	5
TOTAL	5,557	7,445	7,863	7,679	6,938	5,993	16,558	12,708	70,741
HARDWOODS:									
QUAKING ASPEN	--	50	103	44	26	18	--	--	242
WESTERN PAPER BIRCH ^{3/}	--	44	23	4	6	6	11	--	94
BLACK COTTONWOOD	--	30	24	41	15	12	75	9	205
OREGON WHITE OAK	--	--	3	1	--	--	9	--	13
RED ALDER	--	1	14	1	--	4	14	--	33
BIGLEAF MAPLE	--	1	--	--	--	--	--	--	1
TOTAL	--	126	167	90	47	41	109	9	588
ALL SPECIES	5,557	7,571	8,029	7,769	6,984	6,034	16,667	12,716	71,329

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Less than 500,000 board feet.

^{3/}Contains minor amounts of other hardwoods.

Table 16—Net annual growth of growing stock and sawtimber on timberland by ownership class and by softwoods and hardwoods, eastern Washington, 1980^{1/}

OWNERSHIP CLASS	AVERAGE VOLUME	SOFTWOODS	HARDWOODS	ALL SPECIES
	<u>CUBIC METERS PER HECTARE</u>	<u>THOUSAND CUBIC METERS</u>		
GROWING STOCK: ^{2/}				
NATIONAL FOREST	1	2 671	77	2 748
OTHER PUBLIC	2	3 371	90	3 461
FOREST INDUSTRY	2	1 698	5	1 703
OTHER PRIVATE	2	2 589	83	2 672
ALL OWNERSHIPS	1	10 330	254	10 584
	<u>CUBIC FEET PER ACRE</u>	<u>THOUSAND CUBIC FEET</u>		
GROWING STOCK: ^{3/}				
NATIONAL FOREST	33	94,383	2,704	97,087
OTHER PUBLIC	62	119,132	3,177	122,309
FOREST INDUSTRY	68	60,016	177	60,193
OTHER PRIVATE	68	91,472	2,931	94,404
ALL OWNERSHIPS	52	365,003	8,989	373,993
	<u>BOARD FEET PER ACRE</u>	<u>THOUSAND BOARD FEET</u>		
SAWTIMBER (INTERNATIONAL 1/4-INCH RULE): ^{4/}				
NATIONAL FOREST ^{5/}	152	436,758	6,054	442,812
OTHER PUBLIC	332	639,449	17,127	656,576
FOREST INDUSTRY	394	347,558	6/-588	346,969
OTHER PRIVATE	382	511,580	15,642	527,223
ALL OWNERSHIPS	276	1,935,345	38,235	1,973,580

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Includes trees 12.5-centimeter d.b.h. and larger.

^{3/}Includes trees 5.0-inch d.b.h. and larger.

^{4/}Includes softwoods trees 9.0-inch d.b.h. and larger and hardwood trees 11.0-inch d.b.h. and larger.

^{5/}Sawtimber growth in softwood trees 9.0- to 10.9-inch d.b.h. is unavailable for the Umatilla National Forest.

^{6/}Negative net annual growth is the result of annual mortality exceeding gross annual growth.

Table 17—Net annual growth on growing stock on timberland by species and ownership class, eastern Washington, 1980^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>THOUSAND CUBIC FEET</u>					
SOFTWOODS:					
DOUGLAS-FIR	28,260	41,413	26,145	48,476	144,293
PONDEROSA PINE	4,635	30,574	10,674	19,494	65,377
LOGPOLE PINE	13,552	13,226	3,917	7,076	37,770
GRAND FIR	11,437	17,410	10,391	7,941	47,179
WESTERN LARCH	7,196	6,212	3,974	4,984	22,367
ENGELMANN SPRUCE	4,827	3,096	897	264	9,084
SUBALPINE FIR	8,306	2,631	1,973	105	13,016
PACIFIC SILVER FIR	3,162	1,357	1,113	--	5,632
WESTERN REDCEDAR	5,474	2,170	1,639	2,818	12,101
WESTERN HEMLOCK	3,360	42	1,286	74	4,761
MOUNTAIN HEMLOCK	1,100	341	312	--	1,753
WESTERN WHITE PINE	2,452	279	<u>2/-2,429</u>	240	542
ALASKA-CEGAR	551	--	17	--	568
WHITEBARK PINE	51	227	88	--	367
NOBLE FIR	9	154	20	--	183
SUBALPINE LARCH	10	--	--	--	10
TOTAL	94,383	119,132	60,016	91,472	365,003
HARDWOODS:					
QUAKING ASPEN	494	2,105	--	352	2,951
WESTERN PAPER BIRCH ^{3/}	1,781	294	235	1,226	3,537
BLACK COTTONWOOD	237	201	<u>2/-134</u>	1,120	1,424
OREGON WHITE OAK	--	382	76	43	501
RED ALDER	168	180	--	48	396
WHITE ALDER	11	--	--	142	153
BIGLEAF MAPLE	13	15	--	--	27
TOTAL	2,704	3,177	177	2,931	8,989
ALL SPECIES	97,087	122,309	60,193	94,404	373,993

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Negative net annual growth is the result of annual mortality exceeding gross annual growth.

^{3/}Contains minor amounts of other hardwoods.

Table 18—Net annual growth of sawtimber on timberland by species and ownership class, eastern Washington, 1980 ^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</u>					
SOFTWOODS:					
DOUGLAS-FIR	142,139	236,461	152,326	264,060	794,985
PONDEROSA PINE	29,698	187,204	62,292	113,135	392,329
LOGPOLE PINE	42,278	35,546	20,249	42,897	140,969
GRAND FIR	53,549	101,695	55,909	51,987	263,139
WESTERN LARCH	29,896	27,224	17,987	24,144	99,251
ENGELMANN SPRUCE	24,848	16,227	6,508	1,082	48,664
SUBALPINE FIR	35,607	14,477	14,920	--	65,003
PACIFIC SILVER FIR	19,588	7,407	7,329	--	34,324
WESTERN REDCEDAR	19,063	9,759	9,034	12,468	50,324
WESTERN HEMLOCK	18,561	252	7,913	1,063	27,790
MOUNTAIN HEMLOCK	5,307	2,025	1,938	--	9,270
WESTERN WHITE PINE	11,958	1,689	<u>2/-9,827</u>	746	4,565
ALASKA-CEGAR	3,869	--	78	--	3,947
WHITEBARK PINE	320	<u>2/-516</u>	767	--	571
NOBLE FIR	60	--	135	--	195
SUBALPINE LARCH	14	--	--	--	14
TOTAL	<u>3/436,758</u>	639,449	347,558	511,580	1,935,345
HARDWOODS:					
QUAKING ASPEN	779	14,389	--	4,024	19,191
WESTERN PAPER BIRCH ^{4/}	2,541	--	--	3,954	6,495
BLACK COTTONWOOD	2,543	1,675	<u>2/-600</u>	7,614	11,232
OREGON WHITE OAK	--	<u>2/-2</u>	13	51	61
RED ALDER	165	1,065	--	--	1,231
BIGLEAF MAPLE	25	--	--	--	25
TOTAL	6,054	17,127	<u>2/-588</u>	15,642	38,235
ALL SPECIES	442,812	656,576	346,969	527,223	1,973,580

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Negative net annual growth is the result of annual mortality exceeding gross annual growth.

^{3/}Sawtimber growth in trees 9.0- to 10.9-inch d.b.h is unavailable for the Umatilla National Forest.

^{4/}Contains minor amounts of other hardwoods.

Table 19—Average annual mortality of growing stock on timberland by species and ownership class, eastern Washington, 1980 ^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>THOUSAND CUBIC FEET</u>					
SOFTWOODS:					
DOUGLAS-FIR	11,123	7,741	1,487	2,053	22,404
PONDEROSA PINE	2,021	4,682	2,334	3,518	12,554
LOGEPOLE PINE	3,849	3,194	449	3,376	10,868
GRAND FIR	2,003	2,067	1,401	1,987	7,457
WESTERN LARCH	3,906	4,095	1,435	1,028	10,464
ENGELMANN SPRUCE	2,136	1,459	1,027	168	4,789
SUBALPINE FIR	2,188	512	1,102	--	3,801
PACIFIC SILVER FIR	1,385	146	203	--	1,734
WESTERN REDCEDAR	407	98	--	101	606
WESTERN HEMLOCK	1,142	--	--	45	1,186
MOUNTAIN HEMLOCK	531	237	--	--	768
WESTERN WHITE PINE	1,014	295	2,946	--	4,255
ALASKA-CEDAR	96	--	--	--	96
WHITEBARK PINE	18	138	--	--	156
NOBLE FIR	6	--	--	--	6
SUBALPINE LARCH	5	--	--	--	5
TOTAL	31,836	24,662	12,385	12,274	81,156
HARDWOODS:					
QUAKING ASPEN	38	--	--	461	499
WESTERN PAPER BIRCH ^{2/}	172	--	--	46	218
BLACK COTTONWOOD	84	47	134	58	323
OREGON WHITE OAK	--	69	50	91	210
RED ALDER	9	--	--	--	9
WHITE ALDER	3	--	--	--	3
TOTAL	308	116	185	654	1,262
ALL SPECIES	32,144	24,777	12,569	12,928	82,418

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Contains minor amounts of other hardwoods.

Table 20—Average annual mortality of sawtimber on timberland by species and ownership class, eastern Washington, 1980 ^{1/}

SPECIES	NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	OTHER PRIVATE	ALL OWNERSHIPS
<u>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</u>					
SOFTWOODS:					
DOUGLAS-FIR	53,630	34,826	6,518	4,853	99,827
PONDEROSA PINE	11,664	22,343	11,179	15,340	60,525
LOGSPOLE PINE	8,309	11,135	1,822	3,064	24,330
GRAND FIR	8,755	11,608	6,243	9,637	36,243
WESTERN LARCH	18,695	19,258	6,812	3,062	47,826
ENGELMANN SPRUCE	10,818	8,249	4,591	403	24,061
SUBALPINE FIR	8,389	1,789	987	--	11,165
PACIFIC SILVER FIR	6,956	820	1,034	--	8,809
WESTERN REDCEDAR	1,896	--	--	632	2,527
WESTERN HEMLOCK	5,760	--	--	--	5,760
MOUNTAIN HEMLOCK	2,466	1,407	--	--	3,873
WESTERN WHITE PINE	3,192	1,819	13,117	--	18,128
ALASKA-CEDAR	453	--	--	--	453
WHITEBARK PINE	94	683	--	--	777
NOBLE FIR	30	--	--	--	30
SUBALPINE LARCH	17	--	--	--	17
TOTAL	141,127	113,937	52,303	36,990	344,357
HARWOODS:					
QUAKING ASPEN	250	--	--	1,453	1,703
WESTERN PAPER BIRCH ^{2/}	136	--	--	--	136
BLACK COTTONWOOD	116	259	601	--	976
OREGON WHITE OAK	--	141	--	2	142
TOTAL	503	400	601	1,454	2,958
ALL SPECIES	141,631	114,337	52,904	38,444	347,316

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

^{2/}Contains minor amounts of other hardwoods.

Table 21—Timber harvest by ownership class, eastern Washington, 1950-81

YEAR	NATIONAL FOREST			OTHER PUBLIC 2/			PRIVATE			ALL OWNERSHIPS		
	LIVE	DEAD 1/	TOTAL	LIVE	DEAD 1/	TOTAL	LIVE	DEAD 1/	TOTAL	LIVE	DEAD 1/	TOTAL
1950	3/	3/	123,939	--	--	--	3/	3/	380,898	3/	3/	504,837
1951	3/	3/	146,287	--	--	--	3/	3/	457,809	3/	3/	604,096
1952	157,423	5,675	163,098	--	--	--	484,972	1,952	486,924	642,395	7,627	650,022
1953	3/	3/	201,583	--	--	--	3/	3/	527,421	3/	3/	729,004
1954	195,912	10,600	206,512	--	--	--	518,409	7,968	526,377	714,321	18,568	732,889
1955	153,649	19,108	172,757	187,712	127	187,839	396,177	1,612	397,789	737,538	20,847	758,385
1956	208,851	8,439	217,290	207,646	342	207,988	340,313	1,869	342,182	756,810	10,650	767,460
1957	220,825	7,069	227,894	167,629	91	167,720	356,365	1,306	357,671	744,819	8,466	753,285
1958	240,732	10,059	250,791	189,649	400	190,049	329,794	1,346	331,140	760,175	11,805	771,980
1959	313,576	16,740	330,316	226,682	736	227,418	343,051	1,754	344,805	883,309	19,230	902,539
1960	264,471	8,262	272,733	167,171	1,560	168,731	393,020	3,624	396,644	824,662	13,446	838,108
1961	282,132	6,325	288,457	180,553	11,281	191,834	307,420	9,829	317,249	770,105	27,435	797,540
1962	392,723	7,339	400,062	217,669	655	218,324	270,315	2,946	273,261	880,707	10,940	891,647
1963	404,600	7,325	411,925	251,964	1,267	253,231	297,550	1,666	299,216	934,114	10,258	944,372
1964	442,286	8,280	450,566	287,634	384	288,018	297,720	376	298,096	1,027,640	9,040	1,036,680
1965	426,612	6,478	433,090	349,366	308	349,674	256,809	20	256,829	1,032,787	6,806	1,039,593
1966	425,576	2,600	428,176	333,087	998	334,085	267,196	1,435	268,631	1,025,859	5,033	1,030,892
1967	426,404	21,598	448,002	363,411	1,909	365,320	250,884	75	250,959	1,040,699	23,582	1,064,281
1968	463,693	8,850	472,543	408,246	5,649	413,895	290,377	73	290,450	1,162,316	14,572	1,176,888
1969	413,633	12,978	426,611	358,468	6,181	364,649	275,365	1,718	277,083	1,047,466	20,877	1,068,343
1970	326,375	6,488	332,863	272,713	4,240	276,953	280,166	702	280,868	879,254	11,430	890,684
1971	333,365	52,602	385,967	397,301	6,186	403,487	279,186	1,472	280,658	1,009,852	60,260	1,070,112
1972	402,179	79,580	481,759	386,992	34,853	421,845	284,585	1,127	285,712	1,073,756	115,560	1,189,316
1973	386,652	52,518	439,170	378,406	16,115	394,521	382,702	2,475	385,177	1,147,760	71,108	1,218,868
1974	374,135	8,735	382,870	307,811	68,965	376,776	378,482	4,497	382,979	1,060,428	82,197	1,142,625
1975	318,614	21,233	339,847	322,822	11,930	334,752	338,031	263	338,294	979,467	33,426	1,012,893
1976	320,110	43,786	363,896	351,826	1,470	353,296	408,408	7,174	415,582	1,080,344	52,430	1,132,774
1977	290,398	31,405	321,803	414,021	1,228	415,249	428,951	3,139	432,090	1,133,370	35,772	1,169,142
1978	292,847	46,596	339,443	395,598	24,687	420,285	457,739	3,445	461,184	1,146,184	74,728	1,220,912
1979	285,687	5,682	291,369	381,886	8,476	390,362	443,461	2,894	446,355	1,111,034	17,052	1,128,086
1980	313,710	3,154	316,864	302,244	31,068	333,312	402,551	6,672	409,223	1,018,505	40,894	1,059,399
1981	293,898	3,207	297,105	258,076	11,688	269,762	361,970	4,884	366,854	913,944	19,777	933,721

THOUSAND BOARD FEET, SCRIBNER SCALE

Estimates are subject to sampling error.

1/Includes snags and down material existing before logging.

2/Data for other public ownership are combined with private ownership for 1950-54.

3/Data not available.

Source: 1950-76: Washington timber harvest reports by year (published by Pacific Northwest Forest and Range Experiment Station); 1977-81: Timber harvest reports, State of Washington, Department of Natural Resources.

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Metric Equivalents

1,000 acres = 404.7 hectares (ha)
1,000 cubic feet = 28.3 cubic meters (m³)
1 cubic foot per acre = 0.07 cubic meter per hectare (m³/ha)
1 foot = 0.3048 meter (m)
1 inch = 2.54 centimeters (cm)
1 mile = 1.609 kilometers (km)

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Bassett, Patricia M.; Oswald, Daniel D. Timber resource statistics for eastern Washington. Resour. Bull. PNW-104. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; **1983**. 32 p.

This report summarizes a 1980 timber resource inventory of the 16 forested counties in Washington east of the crest of the Cascade Range. Detailed tables of forest area, timber volume, growth, mortality, and harvest are presented.

KEYWORDS: Forest surveys, statistics (forest), timber resources, resources (forest), Washington (eastern).

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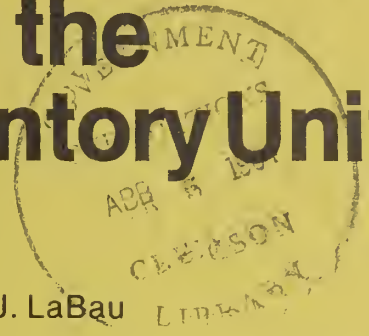
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Timber Resource Statistics for the Yakutat Inventory Unit, Alaska, 1975

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Authors

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Abstract

van Hees, Willem W. S.; LaBau, Vernon J. Timber resource statistics for the Yakutat inventory unit, Alaska, 1975. Resour. Bull. PNW-105. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1984. 31 p.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1975 timber inventory of the Yakutat unit, Alaska. Area of timberland is estimated at 236.3 thousand acres (95.6 thousand ha), net volume of growing stock at 1.1 billion cubic feet (29.9 million m³), and annual net growth and mortality at 5.7 and 1.4 million cubic feet (159.9 and 40.8 thousand m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (southeast).

Summary

This report for the 236.3-thousand-acre (95.6 thousand ha) Yakutat timber inventory unit is the sixth in a series of six reports for southeast Alaska. The Yakutat unit is in the northwestern end of the southeast Alaska panhandle and stretches from Yakutat Bay on the west to Deception Hills on the east. The Gulf of Alaska establishes the coastal limit of the unit and the Tongass National Forest boundary the inland limit. Except for cities, towns, and private in-holdings, the unit is entirely within the Tongass National Forest.

This is the first general reinventory of forests in the Yakutat unit since the first inventory in 1958. It is also the second remeasurement of the growth and mortality plots established in 1958; the plots were first remeasured in 1967.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1975 timber resource inventory of the Yakutat unit. Area of timberland is estimated at 236.3 thousand acres (95.6 thousand ha), net volume of growing stock at 1.1 billion cubic feet (29.9 million m³), and net annual growth and mortality at 5.7 and 1.4 million cubic feet (159.9 and 40.8 thousand m³), respectively.

Preface

Forest Inventory and Analysis (FIA) is a nationwide project of the USDA Forest Service authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. Work units of the project, located at Forest Service Experiment Stations, conduct forest resource inventories throughout the 50 States. The Pacific Northwest Forest and Range Experiment Station at Portland, Oregon, is responsible for forest inventories in Alaska, California, Hawaii, Oregon, and Washington.

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Highlights

	<i>Thousand acres</i>	<i>Thousand hectares</i>
Total Yakutat		
inventory unit area:	749.84	303.46
With forests	331.25	134.06
With nonforest	410.17	165.99
With non-Census water	<u>1/</u>	<u>1/</u>
With Census water	8.41	3.41
Forested area:		
Timberland	236.29	95.62
Other forest land	94.96	38.43
Timberland composition:		
Old-growth sawtimber	99.34	40.20
Young-growth sawtimber	87.35	35.35
Poletimber	13.59	5.49
Seedlings and saplings, and nonstocked	36.02	14.58
Timberland forest type composition:		
Sitka spruce	155.04	62.74
Hemlock-spruce	10.51	4.25
Western hemlock	15.23	6.16
Mountain hemlock	9.97	4.03
Lodgepole pine	<u>1/</u>	<u>1/</u>
Other softwoods	<u>1/</u>	<u>1/</u>
Red alder	<u>1/</u>	<u>1/</u>
Black cottonwood	45.55	18.44
Other hardwoods	<u>1/</u>	<u>1/</u>

1/ No data were collected.

	<u>All growing stock</u>		<u>Sawtimber growing stock</u>	
	<i>Million cubic feet</i> <u>2/</u>	<i>Million cubic meters</i> <u>2/</u>	<i>Million board feet</i> <u>3/</u>	<i>Million cubic meters</i> <u>4/</u>
Volumes on timberland:				
Total gross volume	1,111.97	31.47	5,527.48	28.54
Total net volume	1,056.75	29.91	5,263.15	27.01
Annual net growth	5.65	1.59	38.78	.81
Annual net mortality	1.26	.04	4.45	.02

2/ Volume of roundwood for live trees 5.0 inches (12.7 cm) in d.b.h. and larger.

3/ Net volume, International 1/4-inch rule, for trees 11.0 inches (28 cm) in d.b.h. and larger.

4/ Volume of roundwood for trees 11.0 inches (28 cm) in d.b.h. and larger.

Introduction

This report for the 236.3-thousand-acre (95.6-thousand-ha) Yakutat timber inventory unit is the sixth in a series of six reports for southeast Alaska. The Yakutat unit is in the northwestern end of the southeast Alaska panhandle and stretches from Yakutat Bay on the west to Deception Hills on the east. The Gulf of Alaska establishes the coastal limit of the unit and the Tongass National Forest boundary the inland limit (fig. 1). Except for cities, towns, and private in-holdings, the unit is entirely within the Tongass National Forest.

The Yakutat unit has a marine climate characterized by moderately cool temperatures and relatively high precipitation. In nearby Yakataga, temperatures vary from 22 °F (-5 °C) in the winter to 58 °F (14 °C) in the summer. Annual precipitation is approximately 100 inches (254 cm) including 109 inches (277 cm) of snow.

Geologically, the Yakutat unit is very young. Approximately 10,000 years ago most of the unit was covered with ice. As a result, the entire coastal zone is composed of glacial drift, outwash deposits, glacial moraines, and slightly modified versions of all three.

Although the resultant soils are not very old, the flood plain and older outwash soils are generally well-drained and stratified loamy gravels. At higher elevations, soils tend to be poorly drained, partially decomposed peat. Most of the soils in the Yakutat unit moderately to severely restrict tree growth. Soils good for tree growth occur mainly along the coast and old outwash plains.

This is the first general reinventory of forests in the Yakutat unit since the first inventory in 1958. It is also the second remeasurement of the growth and mortality plots established in 1958; the plots were first remeasured in 1967.

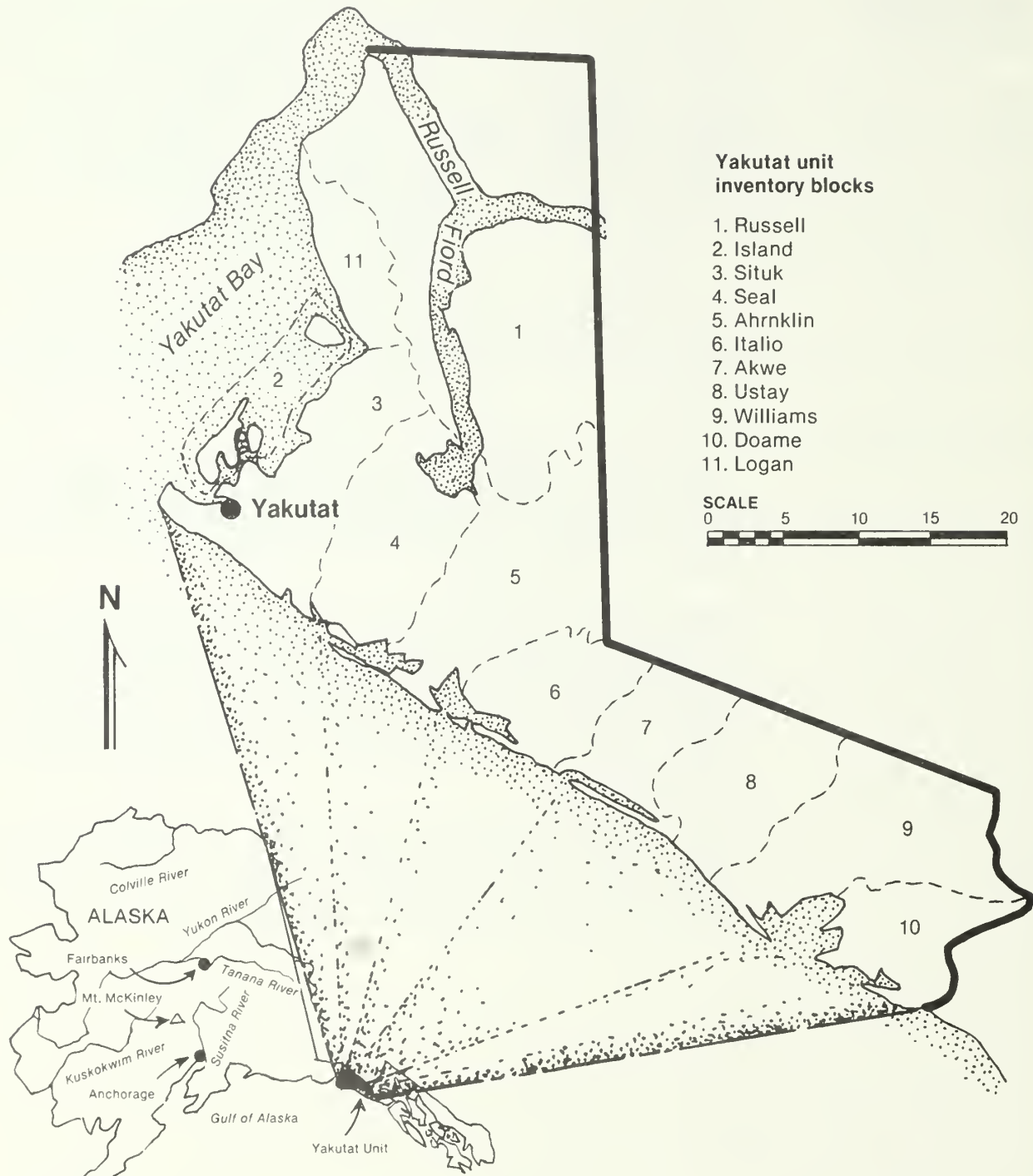


Figure 1.--Yakutat inventory unit.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1975 timber resource inventory of the Yakutat unit. Timberland area is estimated at 236.3 thousand acres (95.6 thousand ha), net growing stock volume at 1.1 billion cubic feet (29.9 million m³), and net annual growth and mortality at 5.7 and 1.4 million cubic feet (159.9 and 40.8 thousand m³), respectively.

Inventory Procedures

The estimates of area and timber volumes from the 1975 timber reinventory are based on a double sampling (2 phase) technique (Bickford 1952). In the first phase of the sampling study, 4,684 photo points were systematically distributed over 1:15,840 scale aerial photographs, then interpreted. Each photo point was classified by land type. From the 4,684 photo points, a field sample of 132 ground plots was selected. Tree measurements were made on these plots in the second phase of the sampling. Corrected area classifications and measurements of volume on these ground plots served as the basis for the area and volume estimates presented in this report.

Estimates of growth and mortality volumes presented are from 1975 remeasurements of 57 timber inventory plots established in 1958. Growth information from the reinventory plots was based on increment borings; the mortality estimates were based on estimations of the number of years since the trees died. Because mortality information is difficult to obtain this way, we used both the mortality and growth information from the remeasurement data rather than that from the reinventory data. The area base for the 1975 estimates of growth and mortality was calibrated to coincide with the area found in the 1975 timber reinventory.

Ownership Statistics

Statistics on land ownership are not presented in this report because of uncertainties of land status changes associated with Alaska Native and State of Alaska land selections and wilderness area withdrawals. These changes in land status are the result of Federal legislation: the Alaska Statehood Act of 1958, Public Law 85-508; the Alaska Native Claims Settlement Act of 1971, Public Law 92-203; and the Alaska National Interest Lands Conservation Act, Public Law 96-487. Alaska Native land selections and decisions on wilderness withdrawals seemed nearly settled at the end of 1982, but Alaska State selections will remain uncertain for the next 5-10 years. Fieldwork for our study was completed in 1975; we have delayed publishing the results, anticipating that shifts in land ownership would be resolved by now and the information on ownership could be reprocessed and resummarized for inclusion here.

With the promise of further delays in resolving ownership changes, we decided to release the statistics available now. Statistics on ownership and reserved land status plus a resource analysis will be presented in the future when the status of land shifts is more clear. It is clear now, however, that the Alaska Native and State of Alaska land selections are concentrating on timberlands, which will leave less of the better timberland in Federal ownership.

**Reliability
of Inventory Data**

All area and volume statistics reported here are estimates based on sampling and are subject to sampling error. Sampling errors for all the estimates presented in the tables are available on request. The reliability of the inventory is expressed in terms of relative sampling error at the 68-percent confidence level:

	<u>Design sampling error</u>	<u>Sampling error achieved</u>	<u>Sampling error of the total estimate</u>
	- - - - - Percent - - - - -		
Timberland area:			
Per million acres	3.0	1.7	
For the total			
236.3 thousand acres			3.4
Other forest land area:			
Per million acres	10.0	5.9	
For the total			
28.8 thousand acres			34.8
Net growing stock volume on timberland:			
Per billion cubic feet	10.0	4.2	
For the total			
1.1 billion ft ³			4.1
Net growth of growing stock on timberland:			
Per billion cubic feet	10.0	1.6	
For the total			
12.1 million ft ³			15.0

For the Yakutat inventory unit, we estimate 1.057 billion cubic feet of net growing-stock volume, \pm 4.07 percent, yielding 68-percent confidence limits of 1.013 and 1.099 billion cubic feet. This confidence level means that upon repeated sampling, about 68 percent of the confidence limits constructed for each sample would capture the true value of the parameter being estimated.

Terminology ^{5/}

Allowable cut--The volume of timber that could be cut on timberland during a given period under specified management plans for sustained production, such as those in effect on National Forests.

Census water--Areas of water classed as water by the Bureau of the Census that are at least 40 acres (16 ha) in size with a minimum width of one-eighth mile (200 m). (Also see non-Census water.)

Class of timber--A classification of trees as growing stock, cull, and salvable dead. Growing stock trees are subdivided into poletimber and sawtimber trees.

Commercial species--A tree species suitable for industrial wood products.

Cull logs--Softwood sawtimber logs with two-thirds or more of the board-foot volume in cull material. Hardwood sawtimber logs with one-half or more of the volume in cull material.

Cull material--Portions of a tree unusable for industrial products because of rot, form, or other defect.

Cull trees--Live trees of sawtimber or poletimber size that are not merchantable for saw logs nor are they likely to become merchantable because of defect, rot, or species.

D.b.h.--Diameter at breast height, a point 4-1/2 feet (1.37 m) above the ground on the uphill side of a tree, where, on a normally formed tree, the diameter is measured.

Diameter class--A classification of trees based on diameter of the tree outside the bark measured at breast height, 4-1/2 feet (1.37 m) above the ground. D.b.h. is the common abbreviation for "diameter at breast height." Each 2-inch diameter class is assigned to the appropriate even inch at midpoint. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h.

Established seedling--A tree 6.0 inches (15.24 cm) tall, up to 1.0 inch (2.54 cm) in diameter, with good coloration, no evidence of disease, and with a root system preferably in contact with the mineral soil. For seedlings growing on stumps or logs to be tallied, they must be well enough established to survive after the supporting material has decayed.

^{5/} Terminology is from USDA Forest Service, Forest Service Handbook, Title 4813.1, 1967, and the manual of field instructions for the forest survey of coastal Alaska, 1970.

Forest land--Land at least 16.7 percent stocked by live trees of any size, or land formerly having such tree cover and not currently developed for nonforest use. Includes chaparral areas in the western United States and afforested areas. The minimum area for classification as forest land or subclasses of forest land is 1 acre (0.4 ha). Roadside, streamside, and shelterbelt strips of timber must be at least 120 feet (36 m) wide to be classified as forest land. Unimproved road and trails, streams, and clearings in forest areas must be less than 120 feet wide to be classified as forest land. (Also see timberland, other forest land, reserved forest land, and nonforest land.)

Forest trees--Woody plants having a well-developed stem and usually more than 12 feet tall, including both growing stock and cull trees.

Forest types--A classification of forest land based on the species forming a plurality of stocking on the area currently occupied by tree cover. The following summarizes the forest types of coastal Alaska:

Alaska-cedar--Forests in which Alaska-cedar comprises the plurality of the stocking. Common associates are mountain or western hemlock, lodgepole pine, western redcedar, and occasionally Sitka spruce.

Black cottonwood--Forests in which cottonwood comprises the plurality of the stocking. Common associates are red alder and Sitka spruce.

Fir-spruce--Forests in which subalpine or Pacific silver fir in combination with Sitka spruce comprises the plurality of the stocking. Common associates are black cottonwood, mountain hemlock, and western hemlock.

Hemlock-spruce--Forests in which 50 percent or more of the stand is western hemlock or mountain hemlock and where Sitka spruce comprises 30-49 percent of the stocking. Common associates are Alaska-cedar, western redcedar, and occasionally cottonwood, red alder, or lodgepole pine.

Lodgepole pine--Forests in which lodgepole pine comprises the plurality of the stocking. Common associates are mountain hemlock, Alaska-cedar, and western hemlock.

Mountain hemlock--Forests in which mountain hemlock comprises the plurality of the stocking. Common associates are western hemlock and Alaska-cedar.

Other hardwoods--Forests in which noncommercial hardwoods, such as willow and alder other than red alder, comprise the plurality of the stocking. Common associates are black cottonwood and Sitka spruce.

Other softwoods--Forests in which noncommercial softwoods, such as Pacific yew, and junipers comprise the plurality of the stocking. Common associates are Alaska cedar and mountain hemlock.

Pacific silver fir--Forests in which Pacific silver fir comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

Red alder--Forests in which red alder comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, western hemlock, and occasionally western redcedar and/or Alaska-cedar.

Sitka spruce--Forests in which Sitka spruce comprises the plurality of the stocking. Common associates are western hemlock, western redcedar, and occasionally cottonwood, red alder, and Alaska-cedar.

Subalpine fir--Forests in which subalpine fir comprises the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

True fir--Forests in which Pacific silver fir and subalpine fir comprise the plurality of the stocking. Common associates are black cottonwood, Sitka spruce, mountain hemlock, and western hemlock.

Western hemlock--Forests in which western hemlock comprises the plurality of the stocking. Common associates are Sitka spruce, Alaska-cedar, western redcedar, mountain hemlock, and occasionally cottonwood, red alder, or lodgepole pine.

Western redcedar--Forests in which western redcedar comprises the plurality of the stocking. Common associates are Sitka spruce, western hemlock, Alaska-cedar, and occasionally cottonwood, red alder, and mountain hemlock.

Gross growth--Net annual growth plus the annual growth on mortality.

Growing stock trees--All live trees except cull trees.

Growing stock volume- Net volume in cubic feet of live sawtimber and poletimber growing stock trees from stump to a minimum 4.0-inch (10-cm) top (of central stem) outside the bark. Net volume equals gross volume less deductions for rot and missing bole sections.

Growth--See net annual growth, gross growth, and ingrowth.

Hardwoods (1) Trees that are angiosperms, usually broad leaved and often deciduous. (2) Forests predominantly cottonwood or red alder, singly or in combination.

Ingrowth--The net volume of trees that grew into poletimber or sawtimber growing stock during a specified year.

Inoperable timberland--Includes areas of timberland that are presently inoperable because of marginal volume (usually less than 20,000 board feet per acre) or rough, rocky, cliffy, or otherwise broken terrain. This also includes pockets of high volume timberland that are isolated or more than one-fourth mile (396 m) from operable timberland areas. (Also see operable timberland.)

International 1/4-inch rule--The standard board-foot log rule adopted nationally by the USDA Forest Service for the presentation of inventory volume statistics.

Land area--Area reported as land by the Bureau of the Census. Total land area includes dry land and land temporarily or partially covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than one-eighth mile (200 m) wide; and lakes, reservoirs, and ponds less than 40 acres (16 ha) in area. (Also see non-Census water.)

Land class--A classification of land by major use, such as timberland, other forest, and nonforest. The minimum size area for classification is 1 acre (0.4 ha).

Log grades--A classification of logs based on external characteristics as indicators of quality or value.

Management blocks--Units delineated for timber management by the National Forest System of the USDA Forest Service, usually oriented to islands and/or watershed complexes.

Mean annual increment (MAI)--A measure of the productivity of forest land in terms of the average increase in cubic-foot volume per acre per year. The FIA minimum standard for timberland is the ability to produce 20 cubic feet per acre (1.4 m³/ha) per year.

Merchantable height--Height of a tree expressed in the number of 16-foot (5-m) logs to a merchantable top.

Merchantable saw log-- For softwood sawtimber, a merchantable saw log must be at least 12 feet (3.6 m) long to a minimum top of 7.0 inches (18 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h. At least one-third of its board-foot volume must be in sound, recoverable wood. For hardwood sawtimber, a merchantable saw log must be at least 8 feet (2.5 m) long to a minimum top of 9.0 inches (23 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h. At least half its board-foot volume must be in sound, recoverable wood.

Merchantable stem-- For softwoods, the portion of the tree between the 1-foot (0.3-m) stump and either the top diameter of 7.0 inches (18 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h., whichever is larger. For hardwoods, the portion of the tree between the 1-foot stump and either the top diameter of 9.0 inches (23 cm) outside the bark or to a top diameter inside the bark that is 40 percent of d.b.h., whichever is larger.

Merchantable top-- The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum merchantable top is 7.0 inches (18 cm) outside the bark for softwoods, and 9.0 inches (23 cm) outside the bark for hardwoods.

Merchantable tree--A merchantable tree must be producing or be capable of producing at least one merchantable saw log which is at least 50-percent sound for hardwoods or 33-percent sound for softwoods, board-foot measure. All poletimber that is less than 50-percent sound, cubic-foot measure, and all saplings with any sign of rot are not considered merchantable trees, but rotten culls. All trees that are of such poor form that they will never produce a merchantable saw log are not classed as merchantable trees, but as sound culls or rough trees.

Mortality-- Number of or the sound wood volume from live trees dying from natural causes during a specified period.

Mortality of growing stock-- The volume of sound wood in live sawtimber and poletimber trees dying annually from natural causes during a specified period.

Mortality of sawtimber-- The net board foot volume of sawtimber trees dying annually from natural causes during a specified period.

Mortality tree--On plots being measured for the first time, a tree of commercial species at least 1 inch (2.54 cm) in d.b.h. or larger that has died within the past 5 years; on plots being remeasured, a tree of commercial species at least 1 inch in d.b.h. that has died since the previous measurement was made.

Net annual growth--The increase in net volume of wood for growing stock trees during a specified year. Components of net annual growth are: (a) the increment in net volume of trees alive at the beginning of the specified year, including that on periodic mortality, plus (b) the net volume of trees reaching sawtimber or poletimber size during the year, minus (c) the net volume of trees that died during the year, minus (d) the net volume lost to tree decay during the year.

Net volume--The gross volume of a tree less deductions for rot, sweep, or other defect affecting product use.

Non-Census water--Areas of water classed as land area by the Bureau of the Census, but that are either 1-40 acres (0.4-16 ha) in area or have a minimum width of 120 feet (36 m) and a maximum width of one-eighth mile (200 m). (Also see Census water.)

Noncommercial species--Tree species of typically small size, poor form, or inferior quality that normally is not suitable for industrial products.

Nonforest land--Land that does not qualify as forest land. Includes land that has never supported forests and lands formerly forested where forest use is precluded by development for non-forest uses. Included are lands used for agricultural crops, improved pasture, residential areas, and city parks, improved roads, operating railroads and their right-of-way clearings, and pipeline clearings. If intermingled in forest areas, unimproved roads, streams, canals, and nonforest strips must be more than 120 feet (36 m) wide, and clearings or other areas must be 1 acre (0.4 ha) or larger to qualify as nonforest land.

Nonstocked land--Timberland less than 16.7 percent stocked with growing stock trees.

Old-growth stands--Stands with at least 50 percent of the live tree stocking per acre comprised of old-growth trees.

Old-growth trees--Trees that have reached or passed the age of physiological maturity, assumed to be 150 years for coastal Alaska.

Operable timberland- All timberland considered silviculturally and economically operable. This includes areas on stable soils, on slopes that are not too steep to log without causing serious site damage, and stands valuable enough to pay the logging costs using the methods and costs in effect at the time of the inventory. Stands that require new, undeveloped logging methods are not in the operable class.

Other forest land- Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions. This includes sterile or poorly drained forest land, subalpine forests, and steep rocky areas where topographic conditions are likely to prevent management for timber production indefinitely. In coastal Alaska, this includes forest lands that are not capable of producing 8,000 board feet per acre (net International 1/4-inch rule).

Poletimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Poletimber trees- Growing stock trees 5.0 to 10.9 inches (12.5 to 27.5 cm) in d.b.h.

Quality saw log--See merchantable saw log.

Reserved forest land- Forest land withdrawn from timber utilization through statute or administrative regulation.

Rotten trees--Live trees at least 5 inches (12.7 cm) in d.b.h. that do not contain a saw log and are not likely to, primarily because of rot.

Rotten cull trees- Live trees that do not contain a merchantable saw log and are not likely to, primarily because of rot.

Rough trees- Live trees that do not contain a merchantable saw log and are not likely to, primarily because of roughness, poor form, or they are noncommercial species.

Salvable dead trees- Standing or down dead trees of commercial species at least 11.0 inches (28 cm) in d.b.h., containing at least 50 percent of their volume in sound wood, and with at least one merchantable saw log.

Sapling stands- See seedling and sapling stands.

Sapling trees--Trees 1.0 to 4.9 inches (2.5 to 12.5 cm) in d.b.h.

Saw log-- A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet (2.5 m) long, sound and straight, and with a minimum small-end diameter of 6.0 inches (15 cm) inside the bark for softwoods and 8.0 inches (20 cm) for hardwoods.

Saw-log portion-- The bole of sawtimber trees between the stump and the saw-log top.

Saw-log top-- The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum top diameter is 7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) outside the bark for hardwoods.

Sawtimber stands-- Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to that of poletimber.

Sawtimber trees-- Growing stock trees at least 11.0 inches (28 cm) in d.b.h.

Sawtimber volume-- Net volume of sawtimber trees measured in board feet. Net volume equals gross volume less deduction for rot, sweep, crook, and other defects that affect use for lumber.

Scribner, bureau scale-- A common timber scaling rule using 32-foot log lengths.

Scribner rule-- The common board-foot timber scaling rule used locally in determining volume of sawtimber.

Seedling and sapling stands-- Stands at least 16.7 percent stocked with growing stock trees and with saplings and/or seedlings comprising more than half this stocking.

Seedling. An established tree less than 1.0 inch (2.5 cm) in d.b.h.

Site class. A classification of forest land based on its capacity to grow crops of industrial wood.

Softwoods-- Coniferous trees, usually evergreen with needles or scalelike leaves. Species in coastal Alaska are Sitka spruce, western hemlock, mountain hemlock, Alaska-cedar, western redcedar, lodgepole pine, Pacific silver fir, subalpine fir, and Pacific yew.

Sound cull tree-- See rough tree.

Stand age class--A classification of forest land based on the predominant age of trees in a given stand.

Stand size class--A classification of forest land based on the predominant size of timber present: sawtimber, poletimber, or seedlings and saplings.

Stocking--A measure of the area occupied by trees of specified classes. FIA forest inventories consider three categories of stocking: all live trees, growing stock trees, and desirable trees. Stocking of all live trees is used to delineate forest land and forest types. Stocking of growing stock trees is used in classifications of stand size and stand age. Stocking of desirable trees is used to delineate area condition classes.

Stump height--For all timber volume estimates, 1 foot (0.3 m).

Timber harvest--Volume of roundwood removed from forest land for products.

Timberland--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization. Areas qualifying as timberland could produce in excess of 20 cubic feet per acre (1.4 m³/ha) per year of industrial wood under management. In old-growth forests of coastal Alaska, this is equated to stands that could produce 8,000 board feet per acre (net International 1/4-inch rule).

Tree size class--A classification of sawtimber trees, poletimber trees, saplings, and seedlings based on the diameter at breast height.

Upper-stem portion--The bole of sawtimber trees above the saw-log top-- 7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) outside the bark for hardwoods--to a minimum top diameter of 4.0 inches (10 cm) outside the bark, or to the point where the central stem breaks into limbs.

Volume of growing stock--Volume of sound wood in the bole of live growing stock sawtimber and poletimber trees from stump to a minimum 4.0-inch (10-cm) top outside the bark or to the point where the central stem breaks into limbs.

Volume of salvable dead sawtimber-sized trees--Net volume of standing or down, dead, sawtimber-sized trees that contain 50-percent sound board-foot volume.

Volume of sawtimber--Net volume of the saw-log portion of live growing stock sawtimber trees, expressed in board feet.

Water--See Census water and non-Census water.

Young-growth stands--Stands with at least 50 percent of the live-tree stocking per acre comprised of young-growth trees.

Young-growth trees--Trees that have not passed the age of physiological maturity, assumed to be 150 years for coastal Alaska.

Names of Trees^{6/}

Common name	Scientific name
Softwoods:	
Alaska-cedar	<i>Chamaecyparis nootkatensis</i> (D. Don) Spach
Fir, Pacific silver	<i>Abies amabilis</i> (Dougl.) Forbes
Fir, subalpine	<i>A. lasiocarpa</i> (Hook.) Nutt.
Hemlock, mountain	<i>Tsuga mertensiana</i> (Bong.) Carr.
Hemlock, western	<i>T. heterophylla</i> (Raf.) Sarg.
Pine, lodgepole	<i>Pinus contorta</i> Dougl.
Redcedar, western	<i>Thuja plicata</i> Donn
Spruce, Sitka	<i>Picea sitchensis</i> (Bong.) Carr.
Yew, Pacific	<i>Taxus brevifolia</i> Nutt.
Hardwoods:	
Alder, red	<i>Alnus rubra</i> Bong.
Cottonwood, black	<i>Populus trichocarpa</i> Torr. & Gray
Willow, Barclay	<i>Salix barclayi</i> Anderss.
Willow, Bebb	<i>S. bebbiana</i> Sarg.
Willow, feltleaf	<i>S. alaxensis</i> (Anderss.) Cov.
Willow, grayleaf	<i>S. glauca</i> L.
Willow, hooker	<i>S. hookeriana</i> Barratt
Willow, Sitka	<i>S. sitchensis</i> Sanson
Willow, Pacific	<i>S. lasiandra</i> Benth.

^{6/} Scientific names are according to Viereck and Little (1972).

Tables

Estimates in this report are developed from statistically based samples and therefore are subject to sampling error. Sampling errors for estimates of various sizes are presented in the section "Reliability of Inventory Data."

TABLE 1--AREA OF FOREST LAND BY FOREST TYPE AND FOREST LAND CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE	TIMBERLAND	OTHER FOREST	ALL CLASSES
<i>THOUSAND ACRES</i>			
SOFTWOODS:			
SITKA SPRUCE	155.04	37.74	192.78
HEMLOCK-SITKA SPRUCE	10.51	5.82	16.33
WESTERN HEMLOCK	15.23	3.88	19.11
MOUNTAIN HEMLOCK	9.96	1.94	11.90
LOGSPOLE PINE	--	--	--
OTHER SOFTWOODS	--	--	--
<hr/>			
TOTAL	190.74	49.38	240.12
HARDWOODS:			
RED ALDER	--	--	--
BLACK COTTONWOOD	45.55	45.58	91.13
OTHER HARDWOODS	--	--	--
<hr/>			
TOTAL	45.55	45.58	91.13
ALL TYPES	236.29	94.96	331.25

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 2--AREA BY LAND CLASS AND MANAGEMENT BLOCK, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

LAND CLASS	LOGAN	ISLAND	SITUK	SEAL	AHRNKLIN	ITALIO	AKWE	USTAY	WILLIAMS	DOAME	RUSSELL	ALL BLOCKS
ACRES												
TIMBERLAND:												
SEEDLING AND SAPLING, AND NONSTOCKED POLETIMBER	--	--	1,993	--	2,430	--	--	2,376	6,273	22,945	--	36,018
SAWTIMBER VOLUME STRATA 2/--	--	--	--	1,878	1,993	--	--	--	1,943	7,772	--	13,586
LESS THAN 8,000	--	--	--	--	3,871	1,993	--	1,878	--	3,756	--	11,499
8,000-20,000	1,993	--	11,908	10,240	17,737	2,268	6,199	1,993	6,204	3,986	7,742	70,270
20,001-30,000	2,268	--	10,765	11,066	4,537	4,511	4,261	2,268	--	--	--	39,676
30,001-50,000	--	4,280	4,485	10,732	6,753	--	4,261	10,732	8,739	2,242	2,268	54,492
50,001 OR MORE	--	--	--	--	--	--	8,509	2,242	--	--	--	10,751
TOTAL	4,261	4,280	29,151	33,916	37,321	8,772	23,230	21,489	23,159	40,701	10,010	236,292
OTHER FOREST LAND:												
ROCKY	--	--	--	--	--	--	--	--	--	--	--	--
LOW VOLUME 3/ MUSKEG FOREST	--	--	3,881	8,212	7,693	6,044	1,938	4,106	5,819	8,469	23,138	69,300
HIGH ELEVATION FOREST	--	--	2,168	3,876	7,753	4,106	3,876	3,881	--	--	--	25,659
SLICE ZONE	--	--	--	--	--	--	--	--	--	--	--	--
OTHER NONPRODUCTIVE	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	--	--	6,049	12,088	15,446	10,150	5,814	7,987	5,819	8,469	23,138	94,959
NEW LANDS:												
GLACIAL OUTWASH	--	--	--	--	--	--	--	--	--	--	--	--
GLACIAL TILL	--	--	--	--	--	--	--	3,531	--	--	3,351	7,061
UPLIFTED BEACH	--	--	1,765	1,765	7,061	--	--	--	--	--	1,765	12,357
SAND DUNE	--	--	--	--	--	1,765	--	--	--	--	--	1,765
RIVER FILL	--	--	--	--	1,765	--	--	--	--	3,531	--	5,296
TOTAL	--	--	1,765	1,765	8,826	1,765	--	3,531	--	3,351	5,116	26,479
NONFOREST:												
FARMS AND GRASSLANDS	--	--	1,889	--	--	1,889	1,889	--	--	1,889	--	7,555
ALDER SHRUBLAND	--	--	--	--	1,889	1,889	--	1,889	1,889	1,889	13,221	22,665
NON-ALDER SHRUBLAND	7,555	--	3,777	13,221	11,332	7,834	9,444	15,110	18,887	3,777	37,774	128,712
ALPINE MEADOW	--	--	--	--	--	--	--	--	--	--	--	--
MUSKEG MEADOW	--	--	7,555	7,555	5,666	5,666	1,889	--	1,889	--	--	30,220
URBAN AND OTHER	--	--	--	--	--	--	--	--	--	--	--	--
ALPINE ROCK	3,777	--	--	--	5,666	--	3,777	5,666	13,221	--	73,660	105,768
ICE AND SNOWFIELDS	1,889	--	--	--	3,777	--	1,889	5,666	13,221	--	62,328	88,770
TOTAL	13,221	--	13,221	20,776	28,330	17,278	18,888	28,331	49,107	7,555	186,983	383,690
NON-CENSUS WATER 4/	--	--	--	--	2,805	2,805	--	--	2,805	--	--	8,415
ALL LANDS	17,482	4,280	50,185	68,545	92,728	40,769	47,932	61,338	80,890	60,257	225,428	749,836

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Board feet, Scribner scale, except base value of 8,000 board feet, which is International 1/4-inch rule.

3/ Less than 8,000 board feet per acre, International 1/4-inch rule.

4/ Water as classified by Forest Inventory and Analysis standards.

TABLE 3--NUMBER OF GROWING STOCK TREES ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>								
SOFTWOODS:								
SITKA SPRUCE	76,703.38	27,129.28	9,451.75	1,851.87	388.38	71.95	15.70	115,612.30
LOGEPOLE PINE	--	--	--	--	--	--	--	--
WESTERN HEMLOCK	21,654.20	6,895.56	2,107.94	409.51	68.75	2.72	--	31,138.69
MOUNTAIN HEMLOCK	12,069.74	2,394.07	541.96	141.68	5.96	--	--	15,153.40
TOTAL	110,427.32	36,418.91	12,101.64	2,403.06	463.09	74.68	15.70	161,904.39
HARDWOODS:								
RED ALDER	44.68	--	--	--	--	--	--	44.68
BLACK COTTONWOOD	9,022.19	8,062.46	1,970.50	131.37	10.58	--	--	19,737.09
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	9,066.87	8,062.46	1,970.50	131.37	10.58	--	--	19,737.09
ALL SPECIES	119,494.19	45,021.37	14,072.14	2,534.43	473.67	74.68	15.70	181,686.17

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 4--NUMBER OF GROWING STOCK TREES ON OLD-GROWTH TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>								
SOFTWOODS:								
SITKA SPRUCE	27,672.38	6,404.76	3,625.07	1,157.68	292.92	56.88	15.70	39,225.39
LOGEPOLE PINE	--	--	--	--	--	--	--	--
WESTERN HEMLOCK	18,055.72	5,980.44	1,948.90	395.72	68.75	2.72	--	26,452.25
MOUNTAIN HEMLOCK	8,313.45	2,033.50	501.51	131.14	5.96	--	--	10,985.55
TOTAL	54,041.54	14,418.69	6,075.48	1,684.54	367.63	59.61	15.70	76,663.19
HARDWOODS:								
RED ALDER	--	--	--	--	--	--	--	--
BLACK COTTONWOOD	--	40.68	192.65	51.48	8.55	--	--	293.36
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	--	40.68	192.65	51.48	8.55	--	--	293.36
ALL SPECIES	54,041.54	14,459.37	6,268.13	1,736.01	376.18	59.61	15.70	76,956.55

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 5--NUMBER OF GROWING STOCK TREES ON YOUNG-GROWTH TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
	SEEDLINGS LESS THAN 1.0	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>								
SOFTWOODS:								
SITKA SPRUCE	49,030.99	20,724.52	5,826.67	694.19	95.46	15.07	--	73,386.90
LOGEPOLE PINE	--	--	--	--	--	--	--	--
WESTERN HEMLOCK	3,598.49	915.12	159.04	13.79	--	--	--	4,686.43
MOUNTAIN HEMLOCK	3,756.29	360.57	40.45	10.54	--	--	--	4,167.86
TOTAL	56,385.77	22,000.21	6,026.16	718.52	95.46	15.07	--	85,241.19
HARDWOODS:								
RED ALDER	44.68	--	--	--	--	--	--	44.68
BLACK COTTONWOOD	9,022.19	8,561.78	1,777.84	79.90	2.03	--	--	19,443.74
OTHER HARDWOODS	--	--	--	--	--	--	--	--
TOTAL	9,066.87	8,561.78	1,777.84	79.90	2.03	--	--	19,488.42
ALL SPECIES	65,452.64	30,561.99	7,804.00	798.41	97.49	15.07	--	104,729.61

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 6--NUMBER OF GROWING STOCK MORTALITY TREES PER YEAR ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 ^{1/}

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	1.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>THOUSAND TREES</i>							
SOFTWOODS:							
SITKA SPRUCE	1,078.21	27.10	2.84	4.37	1.46	--	1,113.97
LOGEPOLE PINE	--	--	--	--	--	--	--
WESTERN HEMLOCK	95.97	--	--	--	--	--	95.97
MOUNTAIN HEMLOCK	42.22	--	--	--	--	--	42.22
TOTAL	1,216.40	27.10	2.84	4.37	1.46	--	1,252.17
HARDWOODS:							
RED ALDER	--	--	--	--	--	--	--
BLACK COTTONWOOD	--	16.84	4.51	--	--	--	21.34
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	--	16.84	4.51	--	--	--	21.34
ALL SPECIES	1,216.40	43.94	7.35	4.37	1.46	--	1,273.53

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 7--NET VOLUME OF GROWING STOCK ON TIMBERLAND, IN CUBIC FEET AND VOLUME PER ACRE, BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE AND UNIT	SAWTIMBER					ALL CLASSES
	OLD GROWTH	YOUNG GROWTH	POLETIMBER	SEEDLINGS AND SAPLINGS	NONSTOCKED	
HEMLOCK-SPRUCE:						
FT ³	74,425,662	--	--	--	--	74,425,662
ACRES	10,509	--	--	--	--	10,509
FT ³ /ACRE	7,082	--	--	--	--	7,082
SITKA SPRUCE:						
FT ³	389,738,800	372,925,216	9,523,495	5,943,914	--	778,131,405
ACRES	63,592	69,920	7,707	13,821	--	155,041
FT ³ /ACRE	6,129	5,334	1,236	430	--	5,019
MOUNTAIN HEMLOCK:						
FT ³	35,222,316	--	--	--	--	35,222,316
ACRES	9,965	--	--	--	--	9,965
FT ³ /ACRE	6,129	--	--	--	--	3,535
WESTERN HEMLOCK:						
FT ³	102,730,362	9,433,883	--	--	--	112,164,248
ACRES	13,282	1,943	--	--	--	15,225
FT ³ /ACRE	7,735	4,855	--	--	--	7,367
LODGEPOLE PINE:						
FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
RED ALDER:						
FT ³	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--	--
BLACK COTTONWOOD:						
FT ³	6,356,714	39,650,021	8,722,365	2,086,356	0	56,815,456
ACRES	1,993	15,485	5,879	21,710	487	45,554
FT ³ /ACRE	3,190	2,561	1,484	96	0	1,247
ALL TYPES:						
FT ³	608,473,843	422,009,110	18,245,860	8,030,270	0	1,056,759,046
ACRES	99,341	87,349	13,586	35,531	487	236,293
FT ³ /ACRE	6,125	4,831	1,343	226	0	4,472

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 8--NET VOLUME OF SAWTIMBER ON TIMBERLAND, IN BOARD FEET INTERNATIONAL 1/4-INCH RULE AND VOLUME PER ACRE, BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 ^{1/}

FOREST TYPE AND UNITS	SAWTIMBER				NONSTOCKED	ALL CLASSES
	OLD GROWTH	YOUNG GROWTH	POLETIMBER	SEEDLINGS AND SAPLINGS		
HEMLOCK-SPRUCE:						
FBM ^{2/}	362,286,022	--	--	--	--	362,286,022
ACRES	10,509	--	--	--	--	10,509
FBM/ACRE	34,474	--	--	--	--	34,474
SITKA SPRUCE:						
FBM	2,181,533,429	1,846,391,136	11,366,512	8,782,747	--	4,048,073,677
ACRES	63,592	69,920	7,707	13,821	--	155,041
FBM/ACRE	34,305	26,407	1,475	635	--	26,111
MOUNTAIN HEMLOCK:						
FBM	146,064,664	--	--	--	--	146,064,664
ACRES	9,965	--	--	--	--	9,965
FBM/ACRE	14,658	--	--	--	--	14,658
WESTERN HEMLOCK:						
FBM	504,479,552	21,713,630	--	--	--	526,193,184
ACRES	13,282	1,943	--	--	--	152,225
FBM/ACRE	37,982	11,175	--	--	--	34,561
LODGEPOLE PINE:						
FBM	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
REGAL OAK:						
FBM	--	--	--	--	--	--
ACRES	--	--	--	--	--	--
FBM/ACRE	--	--	--	--	--	--
BLACK COTTONWOOD:						
FBM	25,537,844	139,449,434	15,037,278	455,556	0	180,530,109
ACRES	1,993	15,485	5,879	21,710	487	45,554
FBM/ACRE	12,814	9,009	2,558	21	0	3,963
ALL TYPES:						
FBM	3,219,901,485	2,007,604,173	26,403,789	9,238,303	0	5,263,147,616
ACRES	99,341	87,349	13,586	35,531	487	236,293
FBM/ACRE	32,413	22,984	1,943	260	0	22,274

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

^{2/} FBM = board foot measure, International 1/4-inch rule.

TABLE 9-- NET VOLUME OF TIMBER, CUBIC FEET, ON TIMBERLAND
 BY CLASS OF TIMBER AND BY SOFTWOODS AND HARDWOODS, YAKUTAT
 UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

CLASS OF TIMBER	SOFTWOODS	HARDWOODS	ALL SPECIES
<i>MILLION CUBIC FEET</i>			
SAWTIMBER TREES:			
SAW LOG PORTION	867.39	59.99	927.38
UPPER-STEM PORTION	24.96	2.19	27.15

TOTAL	892.35	62.19	954.54
POLETIMBER TREES	84.48	17.74	102.22

ALL GROWING STOCK	976.83	79.93	1,056.76
ROUGH TREES	.75	.46	1.21
ROTTEN TREES	15.40	1.33	16.73
SALVABLE DEAD TREES	3.36	.37	3.73

ALL TIMBER	996.34	81.68	1,078.02

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 10--NET VOLUME OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
SITKA SPRUCE	1,838.53	1,369.97	607.22	217.82	57.99	4,091.53
LOGEPOLE PINE	--	--	--	--	--	--
WESTERN HEMLOCK	403.60	248.85	83.35	4.84	--	740.65
MOUNTAIN HEMLOCK	94.16	59.26	3.88	--	--	157.31
TOTAL	2,366.29	1,678.08	694.45	222.66	57.99	4,989.49
HARDWOODS:						
RED ALDER	--	--	--	--	--	--
BLACK COTTONWOOD	213.19	53.09	7.38	--	--	273.66
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	213.19	53.09	7.38	--	--	273.66
ALL SPECIES	2,549.48	1,731.17	701.83	222.66	57.99	5,263.15

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 11--NET VOLUME OF OLD GROWTH, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
SITKA SPRUCE	772.79	857.43	459.91	166.58	57.99	2,314.7
LOGEPOLE PINE	--	--	--	--	--	--
WESTERN HEMLOCK	380.70	241.49	83.35	4.84	--	710.3
MOUNTAIN HEMLOCK	85.11	53.70	3.88	--	--	142.6
TOTAL	1,238.59	1,152.61	547.15	171.43	57.99	3,167.7
HARDWOODS:						
RED ALDER	--	--	--	--	--	--
BLACK COTTONWOOD	25.93	20.95	5.24	--	--	52.1
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	25.93	20.95	5.24	--	--	52.1
ALL SPECIES	1,264.52	1,173.57	552.39	171.43	57.99	3,219.9

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 12--NET VOLUME OF YOUNG GROWTH, INTERNATIONAL 1/4-INCH RULE, ON
 TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL
 ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)					
	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION BOARD FEET</i>						
SOFTWOODS:						
SITKA SPRUCE	1,065.74	512.54	147.31	51.24	--	1,776.82
LODGEPOLE PINE	--	--	--	--	--	--
WESTERN HEMLOCK	22.90	7.37	--	--	--	30.27
MOUNTAIN HEMLOCK	9.05	5.56	--	--	--	14.62
TOTAL	1,097.70	525.47	147.31	51.24	--	1,821.71
HARDWOODS:						
RED ALDER	--	--	--	--	--	--
BLACK COTTONWOOD	187.26	32.13	2.14	--	--	221.54
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	187.26	32.13	2.14	--	--	221.54
ALL SPECIES	1,284.96	557.60	149.45	51.24	--	2,043.25

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 13- NET VOLUME OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
	<i>MILLION CUBIC FEET</i>						
SOFTWOODS:							
SITKA SPRUCE	63.00	344.81	223.66	94.02	32.97	9.05	767.51
LODGEPOLE PINE	--	--	--	--	--	--	--
WESTERN HEMLOCK	17.37	84.57	49.97	17.24	0.97	--	170.11
MOUNTAIN HEMLOCK	4.11	21.00	13.24	.86	--	--	39.21
TOTAL	84.48	450.38	286.86	112.12	33.95	9.05	976.83
HARDWOODS:							
RED ALDER	--	--	--	--	--	--	--
BLACK COTTONWOOD	17.74	49.79	10.90	1.50	--	--	79.93
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	17.74	49.79	10.90	1.50	--	--	79.93
ALL SPECIES	102.22	500.16	297.77	113.62	33.95	9.05	1,056.76

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 14--NET VOLUME OF OLD GROWTH, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION CUBIC FEET</i>							
SOFTWOODS:							
SITKA SPRUCE	15.38	141.52	139.56	71.30	25.53	9.05	402.34
LOGEPOLE PINE	--	--	--	--	--	--	--
WESTERN HEMLOCK	13.02	79.75	48.59	17.24	.97	--	159.58
MOUNTAIN HEMLOCK	2.26	19.23	12.18	0.86	--	--	34.53
TOTAL	30.65	240.51	200.33	89.41	26.51	9.05	596.45
HARDWOODS:							
RED ALDER	--	--	--	--	--	--	--
BLACK COTTONWOOD	.51	6.03	4.37	1.12	--	--	12.03
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	.51	6.03	4.37	1.12	--	--	12.03
ALL SPECIES	31.16	246.53	204.70	90.53	26.51	9.05	608.47

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 15--NET VOLUME OF YOUNG GROWTH, CUBIC FEET, ON TIMBERLAND BY SPECIES AND DIAMETER CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)						
	5.0- 10.9	11.0- 20.9	21.0- 30.9	31.0- 40.9	41.0- 50.9	51.0 AND LARGER	ALL CLASSES
<i>MILLION CUBIC FEET</i>							
SOFTWOODS:							
SITKA SPRUCE	47.63	203.29	84.10	22.72	7.44	--	365.17
LOGEPOLE PINE	--	--	--	--	--	--	--
WESTERN HEMLOCK	4.35	4.81	1.38	--	--	--	10.54
MOUNTAIN HEMLOCK	1.85	1.77	1.06	--	--	--	4.68
TOTAL	53.82	209.87	86.53	22.72	7.44	--	380.38
HARDWOODS:							
RED ALDER	--	--	--	--	--	--	--
BLACK COTTONWOOD	17.23	43.76	6.54	.38	--	--	67.90
OTHER HARDWOODS	--	--	--	--	--	--	--
TOTAL	17.23	43.76	6.54	.38	--	--	67.90
ALL SPECIES	71.05	253.63	93.07	23.09	7.44	--	448.29

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 16--NET ANNUAL GROWTH OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 ^{1/}

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	--	--	--	--
SITKA SPRUCE	447.74	199.13	2,984.35	698.05	4,329.27
LOGEPOLE PINE	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	--	--
WESTERN HEMLOCK	--	44.03	122.86	282.96	449.85
MOUNTAIN HEMLOCK	--	--	69.88	133.18	203.06
TOTAL	447.74	243.16	3,177.10	1,114.19	4,982.19
HARDWOODS:					
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	198.34	248.67	223.79	.14	670.94
OTHER HARDWOODS	--	--	--	--	--
TOTAL	198.34	248.67	223.79	.14	670.94
ALL SPECIES	646.08	491.83	3,400.88	1,114.33	5,653.12

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 17--NET ANNUAL GROWTH OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 ^{1/}

SPECIES	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
SOFTWOODS:					
ALASKA-CEDAR	--	--	--	--	--
SITKA SPRUCE	--	570.24	25,409.47	7,552.39	33,532.10
LOGEPOLE PINE	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	--	--
WESTERN HEMLOCK	--	213.18	136.67	2,030.89	2,380.74
MOUNTAIN HEMLOCK	--	--	93.50	569.41	662.91
TOTAL	--	783.41	25,639.64	10,152.69	36,575.74
HARDWOODS:					
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	10.91	264.84	1,924.25	1.24	2,201.24
OTHER HARDWOODS	--	--	--	--	--
TOTAL	10.91	264.84	1,924.25	1.24	2,201.24
ALL SPECIES	10.91	1,048.26	27,563.89	10,153.92	38,776.98

Estimates are subject to sampling error.

-- = no data were collected.

^{1/} Totals may be off because of rounding.

TABLE 18--NET ANNUAL GROWTH OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
HEMLOCK-SPRUCE	--	--	--	177.86	177.86
WESTERN REDCEDAR	--	--	--	--	--
SITKA SPRUCE	100.82	270.04	2,718.14	1,229.93	4,318.93
MOUNTAIN HEMLOCK	--	--	--	<u>2/</u> -50.87	-50.87
WESTERN HEMLOCK	--	--	--	-242.59	-242.59
ALASKA-CEDAR	--	--	--	--	--
LODGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	542.26	221.78	682.74	--	1,449.79
ALL TYPES	646.08	491.83	3,400.88	1,114.33	5,653.12

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 19--NET ANNUAL GROWTH OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
HEMLOCK-SPRUCE	--	--	--	2,905.38	2,905.38
WESTERN REDCEDAR	--	--	--	--	--
SITKA SPRUCE	--	729.22	23,341.90	8,395.59	32,466.71
MOUNTAIN HEMLOCK	--	--	--	854.03	854.03
WESTERN HEMLOCK	--	--	--	<u>2/</u> -2,001.08	-2,001.08
ALASKA-CEDAR	--	--	--	--	--
LODGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	10.91	319.04	4,221.99	--	4,551.94
ALL TYPES	10.91	1,048.26	27,563.89	10,153.92	38,776.98

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

2/ Negative net annual growth indicates that annual mortality exceeded gross annual growth.

TABLE 20--AVERAGE ANNUAL MORTALITY OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	SEEDLING AND SAPLING		POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
	<i>THOUSAND CUBIC FEET</i>					
SOFTWOODS:						
ALASKA-CEDAR	--	--	--	--	--	--
SITKA SPRUCE	--	--	--	295.13	304.76	599.89
LODGEPOLE PINE	--	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	--	--	--
WESTERN HEMLOCK	--	--	--	--	262.74	262.74
MOUNTAIN HEMLOCK	--	--	--	--	--	--
TOTAL	--	--	--	295.13	567.50	862.63
HARDWOODS:						
RED ALDER	--	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	577.48	--	577.48
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	--	--	--	577.48	--	577.48
ALL SPECIES	--	--	--	872.61	567.50	1,440.11

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 21--AVERAGE ANNUAL MORTALITY OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY SPECIES AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

SPECIES	SEEDLING AND SAPLING		POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
	<i>THOUSAND BOARD FEET</i>					
SOFTWOODS:						
ALASKA-CEDAR	--	--	--	--	--	--
SITKA SPRUCE	--	--	--	420.53	1,617.96	2,038.49
LODGEPOLE PINE	--	--	--	--	--	--
WESTERN REDCEDAR	--	--	--	--	--	--
WESTERN HEMLOCK	--	--	--	--	1,483.03	1,483.03
MOUNTAIN HEMLOCK	--	--	--	--	--	--
TOTAL	--	--	--	420.53	3,100.99	3,521.52
HARDWOODS:						
RED ALDER	--	--	--	--	--	--
BLACK COTTONWOOD	--	--	--	1,646.47	--	1,646.47
OTHER HARDWOODS	--	--	--	--	--	--
TOTAL	--	--	--	1,646.47	--	1,646.47
ALL SPECIES	--	--	--	2,067.00	3,100.99	5,167.99

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 22-- AVERAGE ANNUAL MORTALITY OF GROWING STOCK, CUBIC FEET, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND CUBIC FEET</i>					
HEMLOCK-SPRUCE	--	--	--	83.42	83.42
WESTERN REDCEDAR	--	--	--	--	--
SITKA SPRUCE	--	--	569.78	247.05	816.84
TRUE FIR	--	--	--	--	--
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	--	237.02	237.02
ALASKA-CEDAR	--	--	--	--	--
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	302.82	--	302.82
ALL TYPES	--	--	872.61	567.50	1,440.11

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

TABLE 23-- AVERAGE ANNUAL MORTALITY OF SAWTIMBER, INTERNATIONAL 1/4-INCH RULE, ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, YAKUTAT UNIT, SOUTHEAST COASTAL ALASKA, 1975 1/

FOREST TYPE	SEEDLING AND SAPLING	POLETIMBER	YOUNG-GROWTH SAWTIMBER	OLD-GROWTH SAWTIMBER	ALL CLASSES
<i>THOUSAND BOARD FEET</i>					
HEMLOCK-SPRUCE	--	--	--	468.48	468.48
WESTERN REDCEDAR	--	--	--	--	--
SITKA SPRUCE	--	--	1,759.05	1,240.71	2,999.76
TRUE FIR	--	--	--	--	--
MOUNTAIN HEMLOCK	--	--	--	--	--
WESTERN HEMLOCK	--	--	--	1,391.81	1,391.81
ALASKA CEDAR	--	--	--	--	--
LOGEPOLE PINE	--	--	--	--	--
RED ALDER	--	--	--	--	--
BLACK COTTONWOOD	--	--	307.95	--	307.95
ALL TYPES	--	--	2,067.00	3,100.99	5,167.99

Estimates are subject to sampling error.

-- = no data were collected.

1/ Totals may be off because of rounding.

Acknowledgments

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Inventory supervision: Tongass National Forest, Ketchikan Area-- John Standerwick, Timber Management staff officer; Kerry Martin, field supervisor; Ron Dippold, R-10, technical assistance; Vernon J. LaBau, PNW, technical assistant.

Photo interpretation: Richard M. Funk, Vernon J. LaBau, George Hudak, and Kerry Martin.

Field measurements: Paul Alabeck, Richard M. Funk, James Henderson, George Hudak, and Steve Quadry.

Timber operability classification: Ronald Welch and Richard Baker.

Office compilation: George F. Hudak (Ketchikan); Vernon J. LaBau (Juneau, now in Anchorage); David Jacobs and Patti Bassett, reinventory edit and compilations (Portland); Marion Simons (Portland) and Gary Carroll (Anchorage), table and output compilations.

Statistical report preparation: Willem W. S. van Hees and Vernon J. LaBau.

Metric Equivalents

1 inch = 2.54 centimeters (cm)
1 foot = 0.3048 meter (m)
1 mile = 1.609 kilometers (km)
1 acre = 0.4047 hectares (ha)
1 cubic foot = 0.0283 cubic meter (m³)
1 cubic foot per acre = 0.06997 cubic meter per hectare (m³/ha)
20 cubic feet per acre = 1.3994 cubic meter per hectare (m³/ha)
1 square foot basal area per acre = 0.2296 square meter per hectare (m²/ha)

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- Viereck, Leslie A.; Little, Elbert E., Jr. Alaska trees and shrubs. *Agric. Handb.* 410. Washington, DC: U.S. Department of Agriculture; 1972. 265 p.

van Hees, Willem W. S.; LaBau, Vernon J. Timber resource statistics for the Yakutat inventory unit, Alaska, 1975. Resour. Bull. PNW-105. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1984. 31 p.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1975 timber inventory of the Yakutat unit, Alaska. Area of timberland is estimated at 236.3 thousand acres (95.6 thousand ha), net volume of growing stock at 1.1 billion cubic feet (29.9 million m³), and annual net growth and mortality at 5.7 and 1.4 million cubic feet (159.9 and 40.8 thousand m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (southeast).

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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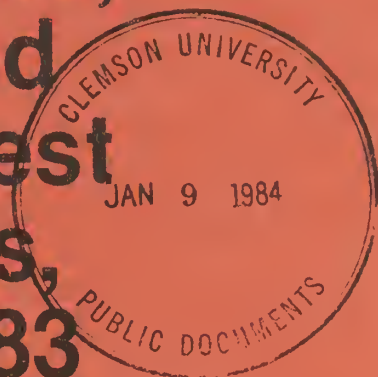
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Production, Prices, Employment, and Trade in Northwest Forest Industries, First Quarter 1983

Florence K. Ruderman



ABSTRACT

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, first quarter 1983. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 54 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), import/export (forest products), markets (external), economics (forestry business).

PREFACE

This quarterly 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.

Historical data for the years before 1969 are in the 1979 issues of "Production, Prices, Employment, and Trade in Northwest Forest Industries."

Cooperation in supplying data has been received from the following sources: the U.S. Department of Agriculture, Forest Service, Forest Resources Economics Research Staff in Washington, D.C.; 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 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.

KEYWORDS: Forestry business economics, lumber prices, plywood prices, timber volume, stumpage prices, employment (forest products industries), marketing (forest products), import/export (forest products), markets (external), economics (forestry business).

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TABLES INCLUDED IN THIS SERIES OF REPORTS, FREQUENCY OF PUBLICATION,
AND MOST RECENT QUARTER PUBLISHED

<u>Table title</u>	<u>Frequency</u> ^{1/}	<u>Most recent quarter</u>
LUMBER AND PLYWOOD PRODUCTION AND PRICES		
Softwood lumber production in Western United States by region, and U.S. softwood plywood production, 1972-83	Q	Current, Table 1
Lumber production in Northwest States, 1971-81	A	Second quarter 1982
Softwood lumber production in the inland region, by species, 1971-81	A	Second quarter 1982
Lumber production in western Washington and western Oregon, by species, 1971-81	A	Second quarter 1982
Softwood plywood production in the United States, by State, 1972-82	A	Current, Table 2
Softwood lumber and plywood production in British Columbia, 1971-81	A	Second quarter 1982
Wholesale prices of selected lumber products, 1972-83	Q	Current, Table 3
Wholesale prices of selected softwood plywood products, 1972-83	Q	Current, Table 4
TIMBER HARVEST		
Washington and Oregon timber harvest, by ownership, 1971-81	A	Second quarter 1982
Montana and Idaho timber harvest by ownership, 1971-81	A	Third quarter 1982
British Columbia timber harvest, 1971-81	A	Third quarter 1982
Alaska timber harvest on public lands, by ownership, 1971-81	A	Third quarter 1982

^{1/}A: Published annually as data become available.
 B: Published biannually as data become available.
 P: Published periodically as data become available.
 Q: Published quarterly as data become available.

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
Softwood lumber exports from northern California ports, by species and destination, 1972-83	Q	Current, Table 24
Softwood lumber exports from southern California ports, by species and destination, 1972-83	Q	Current, Table 25
Softwood lumber exports from Alaska ports, by species and destination, 1972-83	Q	Current, Table 26
Softwood lumber exports to Canada from the Montana Customs District, 1972-83	Q	Current, Table 27
Lumber exports from British Columbia ports, by species and destination, 1972-83	Q	Current, Table 28
Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83	Q	Current, Table 29
Plywood exports from California, 1972-83	Q	Current, Table 30
LOG PRICES IN WESTERN WASHINGTON AND NORTHWESTERN OREGON		
Douglas-fir Peeler log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
Douglas-fir Sawmill log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
Western hemlock log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
Noble fir log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
White fir log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
Sitka spruce log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
Western redcedar log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
Western white pine log prices, western Washington and northwestern Oregon, 1971-81	A	Second quarter 1982
VOLUME AND AVERAGE VALUE OF STUMPAGE SOLD BY PUBLIC AGENCIES		
Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83	Q	Current, Table 31
Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83	Q	Current, Table 32
Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83	Q	Current, Table 33
Average stumpage prices 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, 1980-81	A	Second quarter 1982
Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983	Q	Current, Table 34
Annual volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1981	A	Fourth quarter 1981
Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83	Q	Current, Table 35
Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83	Q	Current, Table 36

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83	Q	Current, Table 37
Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 38
Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 39
Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83	Q	Current, Table 40
Volume of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 41
Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 42
Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83	Q	Current, Table 43
Uncut volume under contract on National Forest lands in California, Montana, Idaho, Oregon, and Washington, 1971-81	A	Second quarter 1982
Allowable annual cut and uncut volume under contract on Bureau of Land Management lands in Oregon, 1972-82	A	Current, Table 44
Allowable annual cut and uncut volume under contract on Oregon State lands, 1971-81	A	Second quarter 1982
Allowable annual cut and uncut volume under contract on Washington State lands, 1971-82	A	Second quarter 1982
Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83	Q	Current, Table 45

Table 1--Softwood lumber production in Western United States by region, and U.S. softwood plywood production, 1972-83

SOFTWOOD LUMBER PRODUCTION					
YEAR	TOTAL SOFTWOOD LUMBER	WESTERN WASHINGTON AND WESTERN OREGON ¹	CALIFORNIA REDWOOD REGION	INLAND REGION ²	U.S. SOFTWOOD PLYWOOD PRODUCTION ³
	----- Million board feet -----				Million sq ft, 3/8-inch basis
1972	21,830	8,983	2,452	10,395	18,324
1973	22,267	9,074	2,629	10,564	18,305
1974	19,425	7,777	2,675	8,973	15,878
1975	17,773	7,134	2,194	8,445	16,050
1976	20,611	8,322	2,500	9,789	18,440
1977	21,558	8,796	2,453	10,309	19,677
1978	20,780	8,845	1,902	10,033	19,936
1979	20,045	8,427	1,838	9,780	20,022
1980	16,045	6,815	1,617	7,613	16,573
1981	15,004	6,339	1,455	7,210	17,073
1982	14,050R	5,808R	1,421R	6,821R	17,150
1983--					
January	1,406	642	163	601	1,598
February	1,395	612	147	636	1,557
March	1,551	696	144	711	1,848
Total, 1st quarter	4,352	1,950	454	1,948	5,003
April					
May					
June					
Total, 2d quarter					
July					
August					
September					
Total, 3d quarter					
October					
November					
December					
Total, 4th quarter					
1983 total					
From--	----- 1st quarter 1983 change, in percent -----				
4th quarter 1982	25.9	34.4	51.8	14.1	7.6
1st quarter 1982	42.6R	43.4R	35.5R	43.7R	29.5

Source--Western Wood Products Association, Portland, Oregon (western Washington and western Oregon, and inland region), National Forest Products Association, Washington, D.C. (California redwood region), and American Plywood Association, Tacoma, Washington (U.S. softwood plywood data).

¹Includes small amounts of hardwood.

²Inland region includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

³Data for 1974 and 1975 are based in part on sampling.

R = revised.

Table 2-Softwood plywood production in the United State, by State, 1972-82
(In million square feet, 3/8-inch basis)

YEAR	TOTAL	OREGON	WASHINGTON	CALIFORNIA	MONTANA, IDAHO, AND COLORADO	SOUTHERN STATES ¹	NORTHERN STATES ²
1972	18,323.7	8,634.9	2,251.1	1,050.7	1,068.2	5,318.8	0
1973	18,304.6	8,518.6	2,232.5	963.8	1,031.0	5,558.7	0
1974	15,878.3	7,055.6	1,853.3	843.6	995.7	5,130.1	0
1975	16,050.3	6,927.4	1,723.7	649.6	1,074.1	5,675.5	0
1976	18,440.0	7,917.0	1,894.0	603.0	1,212.0	6,814.0	0
1977	19,376.2	8,109.2	2,013.0	552.0	1,255.0	7,447.0	0
1978	19,964.4	8,226.4	2,084.2	510.7	1,245.0	7,898.1	0
1979	19,653.0	7,929.0	1,727.0	463.0	1,205.0	8,329.0	0
1980	16,468.0	6,179.0	1,333.0	319.0	1,088.0	7,393.0	156.0
1981	17,022.9	5,561.6	1,381.7	351.1	1,129.7	8,306.8	292.0
1982	16,402.6	5,113.9	1,165.8	195.5	874.4	8,455.7	597.3

Source--American Plywood Association.

¹ Southern States include Alabama, Arkansas, Florida, Georgia, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Texas, and Virginia.

² Northern States include Maine, Michigan, Minnesota, New Hampshire, New York, and Wisconsin.

Table 3--Wholesale prices of selected lumber products, 1972-83

(In dollars per thousand board feet)

YEAR	DOUGLAS-FIR STD. AND BTR., 2 BY 4 RL, 8/12', 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 STR. AND BTR., 2 by 4 RL, 8/20', KD, NET, F.O.B. MILL
1972	136.00R	140.00	177.00	139.00	126.00R
1973	177.00R	189.00	233.00	173.00	152.00R
1974	144.00R	162.00	247.00	136.00	120.00R
1975	148.00R	144.00	205.00	144.00	117.00R
1976	178.00R	188.00R	318.00	169.00	151.00R
1977	213.00	229.00	380.00	202.00	173.00
1978	241.00	263.00	459.00	238.00	209.00
1979	260.00	309.00	479.00R	201.00R	225.00
1980	209.00R	296.00R	478.00R	201.00	168.00R
1981	190.00R	296.00R	483.00R	181.00	158.00R
1982	167.00	253.00R	357.00R	160.00	140.00
1983--					
January	230.00	263.00	459.00	212.00	140.00R
February	228.00	272.00	521.00	208.00	174.00R
March	226.00	250.00	564.00	213.00	181.00R
Average, 1st quarter	228.00	262.00	515.00	211.00	180.00
April					
May					
June					
Average, 2d quarter					
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1983 average					
----- -1st quarter 1983 change, in percent -----					
From--					
4th quarter 1982	34.1	20.2R	36.2R	22.0	16.1R
1st quarter 1982	32.6R	-6.8R	43.9R	33.5	34.3

Source--Random Lengths Publications, Inc.

R = revised.

Table 4--Wholesale prices of selected softwood plywood products, 1972-83

(In dollars per thousand square feet)

Year	SHEATHING, WESTERN EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SHEATHING, SOUTHERN (WEST) ^{1/} EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SANDED, WESTERN INTERIOR, 1/4-INCH, AD, NET F.O.B. MILL
1972	92.00R	93.00	101.00
1973	107.00R	100.00	127.00
1974	92.00R	94.00	140.00
1975	99.00R	95.00	146.00
1976	127.00R	125.00	160.00
1977	157.00R	159.00	183.00
1978	169.00R	174.00	214.00
1979	164.00R	156.00	221.00
1980	155.00R	155.00	211.00R
1981	148.00R	140.00	203.00R
1982	135.00	139.00	185.00
1983--			
January	158.00	162.00	174.00
February	157.00	162.00	178.00
March	152.00	164.00	179.00
<hr/>			
Average, 1st quarter	156.00	163.00	177.00
April			
May			
June			
<hr/>			
Average, 2d quarter			
July			
August			
September			
<hr/>			
Average, 3d quarter			
October			
November			
December			
<hr/>			
Average, 4th quarter			
1983 average			
<hr/>			
- - - - - 1st quarter 1983 change, in percent - - - - -			
From--			
4th quarter 1982	9.1	11.6	.6
1st quarter 1982	17.3	22.6	-7.3R

Source--Random Lengths Publications, Inc.

^{1/} Texas, Louisiana, Arkansas.

R = revised.

Table 5--Employment in forest products industries in Washington, Oregon, and Alaska, 1972-83

(In thousands of persons)

YEAR	WASHINGTON AND OREGON			WASHINGTON			OREGON			ALASKA		
	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	TOTAL	LUMBER AND WOOD PRODUCTS	PULP AND ALLIED PRODUCTS
1972	150.2	122.5	27.7	65.5	47.3	18.2	84.7	75.2	9.5	--	2.8	1/
1973	155.3	127.9	27.4	66.8	49.1	17.7	88.5	78.8	9.7	--	2.3	2/
1974	152.1	124.5	27.6	67.3	49.7	17.6	84.8	74.8	10.0	--	2.5	2/
1975	137.2	110.8	26.4	60.4	43.8	16.6	76.8	67.0	9.8	--	2.0	2/
1976	150.9	123.4	27.5	68.4	51.0	17.4	82.5	72.4	10.1	3.4	2.3	1.1
1977	159.2	131.4	27.8	71.6	53.9	17.7	87.6	77.5	10.1	3.6	2.2	1.4
1978	159.3	136.5	22.8	69.1	55.1	14.0	90.2	81.4	8.8	2.9	1.8	1.1
1979	159.0	133.4	25.6	68.4	52.6	15.8	90.6	80.8	9.8	3.0	2.0	1.0
1980	144.1	116.1	28.0	64.1	46.5	17.6	80.0	69.6	10.4	3.4	2.3	1.1
1981	135.6	108.1	27.5	61.1	44.4	17.2	74.0	63.7	10.3	2.8	1.9	.9
1982	120.4R	94.5R	25.9	55.2R	39.0R	16.2R	65.2R	55.5R	9.7R	2.6	1.8	.8
1983--												
January	120.0	94.9	25.1	54.6	38.8	15.8	65.4	56.1	9.3	1.7	.9	.8
February	122.6	97.7	24.9	55.3	39.7	15.6	67.3	58.0	9.3	1.9	1.1	.8
March	124.5	99.8	24.7	56.2	40.7	15.5	68.3	59.1	9.2	2.0	1.2	.8
Average, 1st quarter	122.3	97.4	24.9	55.3	39.7	15.6	67.0	57.7	9.3	1.9	1.1	.8
April												
May												
June												
Average, 2d quarter												
July												
August												
September												
Average, 3d quarter												
October												
November												
December												
Average, 4th quarter												
1983 average												
----- 1st quarter 1983 change in employment -----												
From--												
4th quarter 1982	1.2R	1.8R	-.6R	.7R	1.1R	-.4R	.6R	.8R	-.2R	-.3.	-.3	D
1st quarter 1982	6.2R	7.5R	-1.3R	1.3R	2.0R	-.7R	4.9R	5.5R	-.6R	-.5	-.4	-.1

Source--State employment agencies. Includes both covered and noncovered employment. The lumber and wood products industry includes logging, lumber, plywood, poles and piling, and miscellaneous wood products (excludes furniture). The paper and allied products industry includes pulp, paper, paperboard, and building board products. Since April 1974, employment data have been based on place of residence.

1Before 1973, data for the pulp and allied products industry are included in the lumber and wood products industry.

2Withheld to avoid disclosure.

R = revised.

Table 6--Employment in forest products industries in California, 1971-82

(In thousands of persons)

YEAR	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1971	86.0	50.5	35.5
1972	90.3	52.4	37.9
1973	90.2	54.1	36.1
1974	88.2	50.9	37.3
1975	87.3	52.8	34.5
1976	96.6	59.9	36.7
1977	104.2	66.6	37.6
1978	107.1	69.9	37.2
1979	107.8	68.7	39.1
1980	101.3	62.6	38.7
1981	96.6	57.9	38.7
1982--			
January	82.3	44.5	37.8
February	81.9	44.3	37.6
March	82.2	44.4	37.7
Average, 1st quarter	82.1	44.4	37.7
April	83.2	45.3	37.9
May	84.3	46.6	37.7
June	85.4	47.7	37.7
Average, 2d quarter	84.3	46.5	37.8
July	86.4	48.6	37.8
August	86.5	49.0	37.5
September	86.1	48.5	37.6
Average, 3d quarter	86.3	48.7	37.6
October	84.1	47.1	37.0
November	82.0	45.2	36.8
December	80.3	46.6	36.8
Average, 4th quarter	82.1	45.3	36.8
1982 average	83.7	46.2	37.5
- - - 4th quarter 1982 change in employment - - -			
From--			
3d quarter 1982	-4.2	-3.4	-.8
4th quarter 1981	-7.9	-6.4	-.1.5
- - - Year 1982 change in employment - - -			
From year 1981	-12.9	-11.7	-1.2

Source--State of California, Department of Employment. Since April 1974, data have been based on place of residence.

Table 7--Employment in forest products industries in Montana and Idaho, 1972-83

(In thousands of persons)

YEAR	MONTANA			IDAHO	
	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	9.2	1/	15.2	14.1	1.1
1973	9.8	1/	16.3	15.1	1.2
1974	9.5	1/	15.7	14.6	1.1
1975	8.1	1/	16.8	15.7	1.1
1976	9.1	1/	18.6	17.4	1.2
1977	9.3	1/	19.0	17.8	1.2
1978	10.7	1/	20.1	18.8	1.3
1979	11.1R	1/	19.9	18.5	1.4
1980	8.7	1/	17.5	16.1	1.4
1981	8.8R	1/	16.6	15.1	1.5
1982	7.7	1/	13.6	12.1	1.5
1983--					
January	7.0	1/	13.6	12.1	1.5
February	7.4	1/	12.8	11.3	1.5
March	7.1	1/	12.7	11.2	1.5
Average, 1st quarter	7.2	1/	13.0	11.5	1.5
April					
May					
June					
Average, 2d quarter					
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1983 average					
- - - - - 1st quarter 1983 change in employment - - - - -					
From--					
4th quarter 1982	-.1	--	-.4	-.4	0
1st quarter 1982	-.8	--	.5R	.5R	OR

Source--State employment agencies. Since April 1974, employment data have been based on place of residence.

1Withheld to avoid disclosing figures for individual companies.

R = revised.

Table 8--Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	2,637,148	767,496	36,907	1,832,745	1,907,235	566,487	1,340,748	729,913	201,009	36,907	491,997
1973	2,639,210	864,474	20,966	1,753,770	1,833,293	555,324	1,277,969	805,917	309,150	20,966	475,801
1974	2,189,367	715,514	17,481	1,456,372	1,423,570	404,884	1,018,686	765,797	310,630	17,481	437,686
1975	2,225,487	765,840	24,361	1,435,286	1,427,387	437,290	990,097	798,100	328,550	24,361	445,189
1976	2,737,074	945,649	26,576	1,764,849	1,792,944	527,889	1,265,055	944,130	417,760	26,576	499,794
1977	2,555,615	966,763	16,721	1,572,131	1,674,860	556,419	1,118,441	880,755	410,344	16,721	453,690
1978	2,847,394	1,139,267	24,493	1,683,634	1,915,979	619,500	1,296,479	931,415	519,767	24,493	387,155
1979	3,233,652	1,309,179	22,693	1,901,780	2,249,963	732,392	1,517,571	983,689	576,787	22,693	384,209
1980	2,631,817	1,262,210	12,300	1,357,307	1,699,138	645,073	1,054,065	932,679	617,137	12,300	303,242
1981	1,987,159	1,017,154	15,520	954,485	1,315,882	579,034	736,848	671,277	438,120	15,520	217,637
1982--											
1st qtr.	637,603	339,716	3,725	294,162	405,752	179,234	226,518	231,851	160,482	3,725	67,644
2d qtr.	610,403	365,318	2,731	242,354	349,134	171,695	177,439	261,269	193,623	2,731	64,915
3d qtr.	704,696	392,460	1,704	310,532	446,910	201,785	245,125	257,786	190,675	1,704	65,407
4th qtr.	614,942	330,341	3,139	281,462	394,997	177,130	217,867	219,945	153,211	3,139	63,595
1982 total	2,567,644	1,427,835	11,299	1,128,510	1,596,793	729,844	866,949	970,851	697,991	11,299	261,561
1983--											
1st qtr.	577,494	305,497	1,963	270,034	401,147	181,023	220,124	176,347	124,474	1,963	49,910
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO JAPAN											
1972	2,391,163	692,308	36,907	1,661,948	1,678,846	496,201	1,182,645	712,317	196,107	36,907	479,303
1973	2,455,485	822,160	20,966	1,612,359	1,663,203	520,373	1,142,830	792,282	301,787	20,966	469,529
1974	1,975,575	638,225	17,342	1,320,008	1,237,653	341,890	895,763	737,922	296,335	17,342	424,245
1975	2,014,244	732,264	24,361	1,257,619	1,255,817	410,721	845,096	758,427	321,543	24,361	412,523
1976	2,547,037	901,911	24,573	1,620,553	1,623,064	491,451	1,131,613	923,973	410,460	24,573	488,940
1977	2,348,325	933,813	16,721	1,397,791	1,496,627	526,255	970,372	851,698	407,558	16,721	427,419
1978	2,521,885	1,103,562	22,814	1,395,509	1,630,247	589,654	1,040,593	891,638	513,908	22,814	354,916
1979	2,959,726	1,279,177	20,611	1,659,938	1,998,315	705,921	1,292,394	961,411	573,256	20,611	367,544
1980	2,344,322	1,175,407	12,300	1,156,615	1,488,494	602,605	885,889	855,828	572,802	12,300	270,726
1981	1,603,941	846,474	15,495	741,972	1,003,391	452,724	550,667	600,550	393,750	15,495	191,305
1982--											
1st qtr.	490,917	279,704	3,725	207,488	287,202	133,825	153,377	203,715	145,879	3,725	54,111
2d qtr.	344,717	196,034	2,731	145,952	189,154	85,725	103,429	155,563	110,309	2,731	42,523
3d qtr.	474,753	281,511	1,677	191,565	271,741	131,830	139,911	203,012	149,681	1,677	51,654
4th qtr.	427,800	233,385	3,139	191,276	244,806	106,269	138,537	182,994	127,116	3,139	52,739
1982 total	1,738,187	990,634	11,272	736,281	992,903	457,649	535,254	745,284	532,985	11,272	201,027
1983--											
1st qtr.	409,186	214,008	1,963	193,215	252,587	102,641	149,946	156,599	111,367	1,963	43,269
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											

Table 8-Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	170,582	43,294	--	127,288	159,359	43,294	116,065	11,223	--	--	11,223
1973	72,164	22,265	--	49,899	72,164	22,265	49,899	--	--	--	--
1974	73,664	39,060	--	34,604	73,664	39,060	34,604	--	--	--	--
1975	58,506	16,793	--	41,713	58,506	16,793	41,713	--	--	--	--
1976	48,289	14,803	--	33,486	48,289	14,803	33,486	--	--	--	--
1977	15,698	9,531	--	6,167	15,698	9,531	6,167	--	--	--	--
1978	12,638	9,361	--	3,277	12,638	9,361	3,277	--	--	--	--
1979	24,124	7,737	--	16,387	24,124	7,737	16,387	--	--	--	--
1980	985	395	--	590	985	395	590	--	--	--	--
1981	1,332	392	--	940	1,332	392	940	--	--	--	--
1982--											
1st qtr.	2,528	463	--	2,065	2,528	463	2,065	--	--	--	--
2d qtr.	1,973	48	--	1,925	1,973	48	1,925	--	--	--	--
3d qtr.	129	40	--	89	129	40	89	--	--	--	--
4th qtr.	127	84	--	43	127	84	43	--	--	--	--
1982 total	4,757	635	--	4,122	4,757	635	4,122	--	--	--	--
1983--											
1st qtr.	120	--	--	120	120	--	120	--	--	--	--
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	47,554	4,419	--	43,135	46,304	4,419	41,885	1,250	--	--	1,250
1973	101,929	15,175	--	86,754	96,680	12,063	84,617	5,249	3,112	--	2,137
1974	137,665	36,308	--	101,357	111,580	23,378	88,202	26,085	12,930	--	13,155
1975	79,022	13,946	--	65,076	42,100	9,100	33,000	36,922	4,846	--	32,076
1976	130,069	26,454	--	103,615	117,007	21,068	95,939	13,062	5,386	--	7,676
1977	187,967	21,201	--	166,766	162,252	20,418	141,834	25,715	783	--	24,932
1978	307,865	24,844	--	283,021	271,887	20,426	251,461	35,978	4,418	--	31,560
1979	245,314	20,342	--	224,972	227,072	18,653	208,419	18,242	1,689	--	16,553
1980	191,387	11,796	--	179,591	163,988	9,549	154,439	27,399	2,247	--	25,152
1981	147,833	10,919	--	136,914	132,675	9,333	123,342	15,158	1,586	--	13,572
1982--											
1st qtr.	58,840	4,644	--	54,196	50,669	4,544	46,125	8,171	100	--	8,071
2d qtr.	51,309	5,905	--	45,404	38,136	2,737	35,399	13,173	3,168	--	10,005
3d qtr.	68,273	7,784	--	60,489	66,427	7,784	58,643	1,846	--	--	1,846
4th qtr.	76,314	9,476	--	66,838	64,894	8,776	56,118	11,420	700	--	10,720
1982 total	254,736	27,809	--	226,927	220,126	23,841	196,285	34,610	3,968	--	30,642
1983--											
1st qtr.	60,064	2,551	--	57,513	53,230	2,358	50,872	6,834	193	--	6,641
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	87,785	69,901	--	17,884	43,271	31,884	11,387	44,514	38,017	--	6,497
1981	219,237	149,592	--	69,645	170,779	111,058	59,721	48,458	38,534	--	9,924
1982--											
1st qtr.	79,715	53,813	--	25,902	60,090	39,523	20,567	19,625	14,290	--	5,335
2d qtr.	203,944	157,466	--	46,478	117,366	82,557	34,809	86,578	74,909	--	11,669
3d qtr.	143,635	95,143	--	48,492	98,120	61,115	37,005	45,515	34,028	--	11,487
4th qtr.	105,808	83,625	--	22,183	83,186	61,003	22,183	22,622	22,622	--	--
1982 total	533,102	390,047	--	143,055	358,762	244,198	114,564	174,340	145,849	--	28,491
1983--											
1st qtr.	104,596	86,035	--	18,561	94,305	75,744	18,561	10,291	10,291	--	--
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 9--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	OUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS	TOTAL	OUGLAS-FIR	OTHER SOFTWOODS	TOTAL	OUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	358,713	101,467	12,089	245,157	252,839	73,175	179,664	105,874	28,292	12,089	65,493
1973	694,602	209,417	15,451	469,734	449,902	120,796	329,106	244,700	88,621	15,451	140,628
1974	612,521	194,137	17,556	400,828	364,962	103,586	271,376	237,559	90,551	17,556	129,452
1975	603,854	202,377	16,758	384,759	376,706	111,919	264,787	227,148	90,418	16,758	119,972
1976	775,113	266,523	20,086	488,504	490,246	141,989	348,257	284,867	124,534	20,087	140,247
1977	826,698	311,269	17,049	498,380	526,412	171,541	354,871	300,286	139,728	17,049	143,509
1978	992,207	413,645	24,923	553,639	637,818	212,305	425,513	354,389	201,340	24,923	128,126
1979	1,408,036	624,090	24,419	831,527	991,513	331,874	659,639	488,523	292,216	24,419	171,188
1980	1,308,858	634,898	16,596	657,364	835,524	317,744	517,780	473,334	317,154	16,596	139,584
1981	882,942	476,653	24,911	381,378	565,564	266,847	298,717	317,378	209,806	24,911	82,661
1982--											
1st qtr.	275,679	160,428	6,754	108,497	165,812	81,897	83,915	109,867	78,531	6,754	24,582
2d qtr.	253,213	159,501	5,520	88,192	140,278	74,411	65,867	112,935	85,090	5,520	22,325
3d qtr.	268,515	157,621	2,713	108,181	164,645	79,637	85,008	103,870	77,984	2,713	23,713
4th qtr.	217,502	122,704	3,732	91,066	134,354	63,579	70,775	83,148	59,125	3,732	20,291
1982 total	1,014,909	600,254	18,719	395,936	605,089	299,524	305,565	409,820	300,730	18,719	90,371
1983--											
1st qtr.	195,146	105,276	2,847	87,023	130,221	59,513	70,708	64,925	45,763	2,847	16,315
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO JAPAN											
1972	335,703	94,210	12,089	229,404	231,593	66,800	164,793	104,110	27,410	12,089	64,611
1973	664,363	201,944	15,451	446,968	422,715	115,022	307,693	241,648	86,922	15,451	139,275
1974	569,494	177,961	17,500	374,033	338,296	90,400	247,896	231,198	87,561	17,500	126,137
1975	560,754	195,469	16,758	348,527	341,885	107,149	234,736	218,869	88,320	16,758	113,791
1976	734,412	256,673	17,918	459,821	457,248	134,894	322,354	277,164	121,779	17,918	137,467
1977	776,630	303,248	17,049	456,333	484,006	164,626	319,380	292,624	138,622	17,049	136,953
1978	908,627	404,134	22,763	481,730	566,494	204,832	361,662	342,133	199,302	22,763	120,068
1979	1,387,602	612,160	22,271	753,171	910,338	323,034	587,304	477,264	289,126	22,271	165,867
1980	1,190,875	593,484	16,596	580,795	750,369	297,359	453,010	440,506	296,125	16,596	127,785
1981	740,943	404,395	24,889	311,659	451,171	213,444	237,727	289,772	190,951	24,889	73,932
1982--											
1st qtr.	223,023	134,435	6,754	81,834	123,575	62,238	61,337	99,448	72,197	6,754	20,497
2d qtr.	148,450	87,432	5,520	55,498	77,612	37,512	40,100	70,838	49,920	5,520	15,398
3d qtr.	187,946	114,656	2,673	70,617	104,744	52,556	52,188	83,202	62,100	2,673	18,429
4th qtr.	156,924	88,162	3,732	65,030	86,116	38,532	47,584	70,808	49,630	3,732	17,446
1982 total	716,343	424,685	18,679	272,979	392,047	190,838	201,209	324,296	233,847	18,679	71,770
1983--											
1st qtr.	146,567	77,446	2,847	66,274	87,522	35,794	51,728	59,045	41,652	2,847	14,546
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											

Table 9--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES			FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT				
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS
TO CANADA											
1972	14,041	2,984	--	11,057	13,349	2,984	10,365	692	--	--	692
1973	9,593	2,900	--	6,693	9,593	2,900	6,693	--	--	--	--
1974	13,821	8,239	--	5,582	13,821	8,239	5,582	--	--	--	--
1975	8,313	2,937	--	5,376	8,313	2,937	5,376	--	--	--	--
1976	7,908	2,733	--	5,175	7,908	2,733	5,175	--	--	--	--
1977	3,545	2,154	--	1,391	3,545	2,154	1,391	--	--	--	--
1978	2,933	2,129	--	804	2,933	2,129	804	--	--	--	--
1979	7,223	2,435	--	4,788	7,223	2,435	4,788	--	--	--	--
1980	323	133	--	190	323	133	190	--	--	--	--
1981	463	173	--	290	463	173	290	--	--	--	--
1982--											
1st qtr.	487	58	--	429	487	58	429	--	--	--	--
2d qtr.	472	23	--	449	472	23	449	--	--	--	--
3d qtr.	47	19	--	28	47	19	28	--	--	--	--
4th qtr.	62	37	--	25	62	37	25	--	--	--	--
1982 total	1,068	137	--	931	1,068	137	931	--	--	--	--
1983--	42	--	--	42	42	--	42	--	--	--	--
1st qtr.											
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	5,094	469	--	4,625	4,939	469	4,470	155	--	--	155
1973	18,506	3,468	--	15,038	17,290	2,725	14,565	1,216	743	--	473
1974	28,225	7,303	--	20,922	22,552	4,714	17,838	5,673	2,589	--	3,084
1975	14,757	2,688	--	12,069	7,912	1,648	6,264	6,845	1,040	--	5,805
1976	27,546	5,664	--	21,882	24,400	4,350	20,050	3,146	1,315	--	1,831
1977	44,949	4,811	--	40,138	38,738	4,672	34,066	6,211	139	--	6,072
1978	76,839	6,392	--	70,447	67,974	5,333	62,641	8,865	1,059	--	7,806
1979	80,173	6,982	--	73,191	73,751	6,378	67,373	6,422	604	--	5,818
1980	71,675	4,116	--	67,559	62,108	3,279	58,829	9,567	837	--	8,730
1981	47,481	4,027	--	43,454	43,048	3,513	39,535	4,433	514	--	3,919
1982--											
1st qtr.	18,579	1,850	--	16,729	16,070	1,786	14,284	2,509	64	--	2,445
2d qtr.	16,135	1,911	--	14,224	12,406	1,197	11,209	3,729	714	--	3,015
3d qtr.	20,701	2,599	--	18,102	20,166	2,599	17,567	535	--	--	535
4th qtr.	21,000	2,809	--	18,191	18,015	2,554	15,461	2,985	255	--	2,730
1982 total	76,415	9,169	--	67,246	66,657	8,136	58,521	9,758	1,033	--	8,725
1983--	16,208	843	--	15,365	14,391	795	13,596	1,817	48	--	1,769
1st qtr.											
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	41,433	34,285	--	7,148	21,326	16,692	4,634	20,107	17,593	--	2,514
1981	88,000	63,977	--	24,023	67,639	47,363	20,276	20,361	16,614	--	3,747
1982--											
1st qtr.	31,515	23,577	--	7,938	23,939	17,554	6,385	7,576	6,023	--	1,553
2d qtr.	84,797	67,655	--	17,142	48,870	35,416	13,454	35,927	32,239	--	3,688
3d qtr.	52,757	36,953	--	15,804	35,767	24,076	11,691	16,990	12,877	--	4,113
4th qtr.	38,009	30,514	--	7,495	29,643	22,148	7,495	8,366	8,366	--	--
1982 total	207,078	158,699	--	48,379	138,219	99,194	39,025	68,859	59,505	--	9,354
1983--											
1st qtr.	31,285	26,108	--	5,177	28,007	22,830	5,177	3,278	3,278	--	--
2d qtr.											
3d qtr.											
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 10--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	136.02	132.21	327.56	133.76	132.57	129.17	134.00	145.05	140.75	327.56	133.12
1973	263.19	242.25	736.97	267.84	245.41	217.52	257.52	303.63	286.66	736.97	295.56
1974	279.77	271.33	1,004.29	275.22	263.40	255.84	266.40	310.21	291.51	1,004.29	295.76
1975	271.34	264.20	687.90	268.07	263.91	255.94	267.43	284.61	275.20	687.90	269.49
1976	283.19	281.84	755.83	276.80	273.43	268.98	275.29	301.73	298.10	755.83	280.61
1977	323.48	321.97	1,019.62	317.01	314.30	308.29	317.26	340.94	340.51	1,019.62	316.32
1978	348.46	363.08	1,017.56	328.84	332.89	342.70	328.21	380.48	387.37	1,017.56	330.94
1979	435.43	476.70	1,076.06	437.24	440.68	453.14	434.67	496.62	506.62	1,076.06	445.56
1980	497.32	503.00	1,349.27	484.32	491.73	492.57	491.22	507.50	513.91	1,349.27	460.31
1981	444.32	468.61	1,605.09	399.56	429.80	460.85	405.40	472.80	478.88	1,605.09	379.81
1982--											
1st qtr.	432.37	472.24	1,813.25	368.83	408.65	456.93	370.45	473.87	489.35	1,813.25	363.41
2d qtr.	414.83	436.61	2,021.05	363.90	401.79	433.39	371.21	432.26	439.46	2,021.05	343.91
3d qtr.	381.04	401.62	1,591.66	348.37	368.41	394.66	346.80	402.93	408.99	1,591.66	354.29
4th qtr.	353.70	371.45	1,188.76	323.55	340.14	358.94	324.85	378.04	385.91	1,188.76	319.07
1982 average	395.27	420.40	1,656.70	350.88	378.94	410.40	352.46	422.12	430.85	1,656.70	345.51
1983--											
1st qtr.	337.92	344.61	1,450.32	322.27	324.62	328.76	321.22	368.17	367.65	1,450.33	326.88
2d qtr.											
3d qtr.											
4th qtr.											
1983 average											
TO JAPAN											
1972	140.39	136.08	327.56	138.03	137.95	134.62	139.34	146.16	139.77	327.56	134.80
1973	270.56	245.63	736.97	277.21	254.16	221.04	269.24	305.00	288.03	736.97	296.63
1974	288.27	278.84	1,009.12	283.36	273.34	264.41	276.74	313.31	295.48	1,009.12	297.32
1975	278.39	266.94	687.90	277.13	272.24	260.88	277.76	288.58	274.68	687.90	275.84
1976	288.34	284.59	729.17	283.74	281.72	274.48	284.86	299.97	296.69	729.17	281.15
1977	330.72	324.74	1,019.62	326.47	323.40	312.83	329.13	343.58	340.13	1,019.62	320.42
1978	360.30	366.21	997.76	345.20	347.49	347.38	347.55	383.71	387.82	997.76	338.30
1979	468.83	478.56	1,080.54	453.73	455.55	457.61	454.43	496.42	504.36	1,080.54	451.28
1980	507.98	504.92	1,349.27	502.15	504.11	493.35	511.36	514.71	516.98	1,349.27	472.01
1981	461.95	477.74	1,606.26	420.04	449.65	471.47	431.71	482.51	484.95	1,606.26	386.46
1982--											
1st qtr.	454.30	480.63	1,813.25	394.40	430.27	465.07	399.91	488.17	494.91	1,813.25	378.79
2d qtr.	430.64	446.01	2,021.05	380.25	410.31	437.58	387.71	455.36	452.55	2,021.05	362.10
3d qtr.	395.88	407.29	1,594.30	368.63	385.45	398.66	373.01	409.84	414.88	1,594.30	356.77
4th qtr.	366.82	377.76	1,188.76	339.98	351.77	362.59	343.47	386.94	390.43	1,188.76	330.81
1982 average	412.12	428.70	1,657.12	370.75	394.85	417.00	375.91	435.13	438.75	1,657.12	357.02
1983--											
1st qtr.	358.19	361.88	1,450.33	343.01	346.50	348.73	344.98	377.05	374.01	1,450.33	336.18
2d qtr.											
3d qtr.											
4th qtr.											
1983 average											

Table 10--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS
TO CANADA											
1972	82.31	68.93	--	86.86	83.77	68.93	80.30	61.66	--	--	61.66
1973	132.94	130.26	--	134.14	132.94	130.26	134.14	--	--	--	--
1974	187.62	210.93	--	161.31	187.62	210.93	161.31	--	--	--	--
1975	142.09	174.89	--	128.88	142.09	174.89	128.88	--	--	--	--
1976	163.76	184.62	--	154.54	163.76	184.62	154.54	--	--	--	--
1977	225.82	226.00	--	225.56	225.82	226.00	225.56	--	--	--	--
1978	232.08	227.43	--	245.35	232.08	227.43	245.35	--	--	--	--
1979	299.41	314.72	--	292.78	299.41	314.72	292.18	--	--	--	--
1980	327.92	336.71	--	322.03	327.92	336.71	322.03	--	--	--	--
1981	347.60	441.33	--	308.51	347.60	441.33	308.51	--	--	--	--
1982											
1st qtr.	192.82	125.96	--	207.82	192.82	125.96	207.82	--	--	--	--
2d qtr.	239.10	474.38	--	233.23	239.10	474.38	233.23	--	--	--	--
3d qtr.	366.17	471.58	--	318.80	366.17	471.58	318.80	--	--	--	--
4th qtr.	487.47	441.27	--	571.86	487.47	441.27	571.86	--	--	--	--
1982 average	224.51	215.75	--	225.86	224.51	215.75	225.86	--	--	--	--
1983--											
1st qtr.	346.55	--	--	346.55	346.55	--	346.55	--	--	--	--
2d qtr.											
3d qtr.											
4th qtr.											
1983 average											
TO SOUTH KOREA											
1972	107.12	106.10	--	107.22	106.66	106.10	106.72	124.00	--	--	124.00
1973	181.54	228.47	--	173.34	178.83	225.89	172.12	231.52	238.47	--	221.40
1974	205.03	201.12	--	206.43	202.12	201.62	202.26	217.47	200.23	--	234.41
1975	186.74	192.74	--	185.46	187.93	181.10	189.82	185.39	214.61	--	180.98
1976	211.78	214.11	--	211.19	208.53	206.47	208.93	240.77	244.77	--	238.54
1977	239.13	226.92	--	240.68	238.75	228.82	240.18	241.53	177.52	--	243.54
1978	249.59	257.28	--	249.02	250.01	261.09	249.11	246.40	239.70	--	247.34
1979	326.82	343.23	--	325.33	324.79	341.93	323.26	352.05	357.61	--	351.48
1980	374.50	348.93	--	376.18	378.74	343.39	380.92	349.17	372.50	--	347.09
1981	321.18	368.81	--	317.38	324.46	376.41	320.53	292.45	324.29	--	288.76
1982--											
1st qtr.	315.76	398.43	--	308.68	317.06	393.11	309.68	307.05	640.00	--	302.92
2d qtr.	314.45	323.56	--	313.27	325.30	437.30	316.64	283.04	225.29	--	301.33
3d qtr.	303.22	333.84	--	299.27	303.58	333.84	299.57	290.00	--	--	290.00
4th qtr.	275.17	296.39	--	272.17	277.60	290.99	275.51	261.39	364.07	--	254.68
1982 average	299.98	329.71	--	296.33	302.81	341.26	298.14	281.94	260.32	--	284.74
1983--											
1st qtr.	269.84	330.54	--	267.15	270.36	337.14	267.26	265.85	250.01	--	266.31
2d qtr.											
3d qtr.											
4th qtr.											
1983 average											
TO MAINLAND CHINA											
1980	471.98	490.48	--	399.69	492.85	523.52	406.96	451.70	462.77	--	386.95
1981	401.39	427.68	--	344.94	396.06	426.47	339.51	420.18	431.15	--	377.57
1982--											
1st qtr.	395.35	438.14	--	306.46	398.39	444.16	310.44	386.03	421.46	--	291.14
2d qtr.	415.79	429.65	--	368.81	416.39	428.99	386.51	414.97	430.38	--	316.03
3d qtr.	367.30	388.40	--	325.91	364.53	393.95	315.94	373.29	378.44	--	358.02
4th qtr.	359.23	364.90	--	337.89	356.35	363.07	337.89	369.82	369.82	--	--
1982 average	388.44	406.87	--	338.18	385.27	406.20	340.64	394.97	407.99	--	328.31
1983--											
1st qtr.	299.10	303.46	--	278.91	296.98	301.41	278.91	318.50	318.50	--	--
2d qtr.											
3d qtr.											
4th qtr.											
1983 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. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 11--Softwood log exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	77,459	18,337	3,418	55,704
1973	104,733	34,454	4,065	66,214
1974	77,735	35,146	8,823	33,766
1975	86,943	52,547	2,483	31,913
1976	109,812	73,924	2,508	33,380
1977	70,902	38,302	2,331	30,269
1978	72,650	49,024	2,880	20,746
1979	65,492	37,551	1,611	26,330
1980	31,672	7,287	653	23,732
1981	25,586	5,890	1,381	18,315
1982--				
1st quarter	4,992	2,066	--	2,926
2d quarter	1,224	43	--	1,181
3d quarter	3,875	2,058	--	1,817
4th quarter	9,416	8,442	6	968
1982 total	19,507	12,609	6	6,892
1983--				
1st quarter	9,263	2,675	300	6,288
2d quarter				
3d quarter				
4th quarter				
1983 total				
TO JAPAN				
1972	68,830	15,914	3,418	49,498
1973	94,520	29,261	4,065	61,194
1974	69,271	32,485	8,823	27,963
1975	78,813	48,188	2,483	28,142
1976	96,485	69,395	2,853	24,237
1977	57,815	37,765	2,331	17,719
1978	58,760	48,653	1,757	8,350
1979	57,938	37,411	1,611	18,916
1980	27,180	7,055	653	19,472
1981	20,708	1,024	1,381	18,303
1982--				
1st quarter	3,526	600	--	2,926
2d quarter	66	--	--	66
3d quarter	3,854	2,055	--	1,799
4th quarter	1,576	615	6	955
1982 total	9,022	3,270	6	5,746
1983--				
1st quarter	9,261	2,675	300	6,286
2d quarter				
3d quarter				
4th quarter				
1983 total				
TO MAINLAND CHINA				
1982--				
1st quarter	1,466	1,466	--	--
2d quarter	--	--	--	--
3d quarter	--	--	--	--
4th quarter	7,826	7,816	--	10
1982 total	9,292	9,282	--	10
1983--				
1st quarter	2	--	--	2
2d quarter				
3d quarter				
4th quarter				
1983 total				

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

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 12--Softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In million board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABERDEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NORTHEASTERN WASHINGTON	OTHER	TOTAL
1972	525.1	100.9	268.9	221.3	144.6	285.6	517.4	0.2	45.8	2,109.8
1973	491.5	84.5	250.4	328.7	86.9	306.0	511.1	0	54.6	2,113.7
1974	396.2	49.2	217.7	300.2	61.5	273.5	383.0	--	48.4	1,729.7
1975	366.8	32.2	230.0	261.3	48.6	284.7	469.2	--	32.9	1,725.7
1976	502.1	30.5	277.2	397.4	7.5	324.5	623.7	0	28.5	2,191.4
1977	402.1	42.1	237.7	328.2	68.7	304.6	607.6	--	12.0	2,003.0
1978	512.2	41.1	321.8	325.8	87.1	387.2	559.7	--	7.0	2,241.0
1979	648.7	50.9	332.8	366.1	101.0	505.0	601.7	--	9.9	2,616.1
1980	498.2	38.0	287.3	387.0	80.2	295.1	497.1	.1	3.1	2,086.1
1981	414.3	16.7	208.4	215.9	47.3	168.0	446.2	.1	14.9	1531.8
1982--										
1st quarter	124.8	2.3	82.0	92.3	18.2	31.2	137.3	--	9.9	498.0
2d quarter	146.6	5.0	56.6	106.8	19.8	34.6	86.1	--	.4	455.9
3d quarter	151.7	3.7	94.4	95.1	14.4	51.2	128.3	--	3.2	542.0
4th quarter	129.2	0	77.3	80.3	10.2	35.6	142.4	0	.4	475.4
1982 total	552.3	11.0	310.3	374.5	62.6	152.6	494.1	--	13.9	1,971.3
1983--										
1st quarter	154.0	.2	61.0	67.8	12.3	47.0	126.4	0	.2	468.9
2d quarter										
3d quarter										
4th quarter										
1983 total										
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	TOTAL	EUREKA	SACRAMENTO	STOCKTON	OTHER	TOTAL
1972	262.6	121.0	115.5	9.4	508.5	51.9	2.8	19.4	0.9	75.0
1973	147.1	155.5	159.8	21.3	483.7	79.6	16.2	8.7	.2	140.7
1974	159.0	128.1	139.8	24.8	451.7	67.5	9.8	3.8	.2	81.3
1975	245.7	134.1	137.5	44.5	561.8	66.6	19.9	0	1.4	87.9
1976	273.3	144.6	99.5	28.0	545.4	83.7	26.1	0	--	109.8
1977	210.2	120.1	207.0	15.4	552.7	39.2	25.5	0	6.3	71.0
1978	168.4	145.1	277.0	15.0	605.5	46.1	18.4	--	8.2	72.7
1979	150.1	128.2	322.0	17.2	617.5	43.0	6.0	0	16.5	65.6
1980	134.7	135.2	275.8	0	545.7	14.9	3.9	.5	12.3	31.6
1981	73.3	113.8	268.2	0	455.3	6.6	13.3	0	5.6	25.5
1982--										
1st quarter	24.3	34.6	80.5	0	139.4	2.9	.7	0	0	3.6
2d quarter	15.0	62.3	74.9	2.3	154.5	1.1	0	0	0	1.1
3d quarter	23.8	50.6	88.3	0	162.7	2.6	0	0	1.2	3.9
4th quarter	30.2	43.6	65.8	0	139.6	9.4	0	0	--	9.4
1982 total	93.3	191.1	309.5	2.3	596.2	16.0	.7	0	1.2	17.9
1983--										
1st quarter	17.1	38.6	52.9	0	108.6	3.0	6.3	0	0	9.3
2d quarter										
3d quarter										
4th quarter										
1983 total										

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

¹State totals as presented here for Washington and Oregon do not agree with those found in table 8 because customs districts as used in table 8 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 14--Volume and average value of softwood log exports from Alaska ports by destination, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
TO ALL COUNTRIES		
1972	65,837	125.88
1973	71,719	248.23
1974	34,949	240.82
1975	29,011	307.97
1976	26,197	224.59
1977	52,377	263.54
1978	68,025	320.45
1979	128,597	470.97
1980	160,523	532.56
1981	149,187	480.54
1982--		
1st quarter	13,052	510.48
2d quarter	51,503	491.59
3d quarter	83,964	488.14
4th quarter	92,604	457.95
1982 total and average value	241,123	478.49
1983--		
1st quarter	33,522	404.75
2d quarter		
3d quarter		
4th quarter		
1983 total and average value		
TO JAPAN		
1972	61,882	129.99
1973	71,705	248.24
1974	29,088	252.71
1975	24,311	352.29
1976	20,741	253.18
1977	46,897	278.99
1978	57,653	343.49
1979	120,753	475.21
1980	156,275	533.22
1981	141,209	491.44
1982--		
1st quarter	12,145	527.07
2d quarter	47,688	498.07
3d quarter	74,304	494.01
4th quarter	85,563	468.33
1982 total and average value	219,700	486.71
1983--		
1st quarter	28,469	421.84
2d quarter		
3d quarter		
4th quarter		
1983 total and average value		
TO MAINLAND CHINA		
1981	3,205	377.57
1982--		
1st quarter	0	--
2d quarter	0	--
3d quarter	0	--
4th quarter	0	--
1982 total and average value	0	--
1983--		
1st quarter	0	--
2d quarter		
3d quarter		
4th quarter		
1983 total and average value		

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 15--Volume and value of hardwood log exports from ports of Washington, Oregon, Alaska, and northern California, 1972-83

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

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
TO ALL COUNTRIES								
1972	2,999	882,806	68	133,979	0	--	1,320	2,015,855
1973	1,812	1,351,759	36	57,747	0	--	1,084	2,330,761
1974	633	1,121,192	45	95,342	0	--	560	1,515,476
1975	1,599	637,455	73	103,519	0	--	3,911	760,853
1976	3,750	1,646,972	236	136,188	0	--	659	1,239,777
1977	2,735	2,117,386	189	87,839	0	--	1,396	2,751,996
1978	2,362	2,190,449	75	91,486	11	19,250	1,772	4,088,466
1979	2,597	2,216,256	341	420,741	138	253,716	1,272	3,049,981
1980	6,826	5,153,711	2,026	764,511	186	44,960	900	2,260,961
1981	3,416	3,173,191	439	470,373	0	--	683	1,422,547
1982--								
1st quarter	757	570,264	75	84,642	0	--	133	287,243
2d quarter	1,276	975,968	12	34,519	0	--	371	849,259
3d quarter	1,098	596,836	236	56,494	0	--	88	193,891
4th quarter	657	751,733	12	41,808	0	--	31	33,834
1982 total	3,788	2,894,801	335	217,463	0	--	623	1,364,227
1983--								
1st quarter	1,926	1,000,110	34	60,676	0	--	32	73,503
2d quarter								
3d quarter								
4th quarter								
1983 total								
TO JAPAN								
1972	1,374	727,475	64	130,080	0	--	1,126	1,761,797
1973	993	1,164,704	34	56,842	0	--	1,015	2,250,213
1974	540	1,063,245	37	84,293	0	--	485	1,093,502
1975	1,210	562,583	14	9,039	0	--	3,803	636,796
1976	3,313	1,416,317	235	134,988	0	--	456	1,005,649
1977	1,444	1,179,616	17	33,347	0	--	1,063	2,300,667
1978	1,178	819,332	57	84,025	0	--	1,248	3,059,204
1979	1,824	1,153,644	300	359,119	74	188,389	1,059	2,339,089
1980	4,786	1,969,245	1,964	726,891	182	42,200	579	1,532,496
1981	2,037	2,162,473	229	264,161	0	--	310	742,998
1982--								
1st quarter	225	170,982	7	11,107	0	--	89	193,489
2d quarter	350	515,986	12	34,519	0	--	275	615,675
3d quarter	482	124,445	13	12,070	0	--	48	94,040
4th quarter	408	400,666	3	6,808	0	--	5	8,788
1982 total	1,465	1,212,079	35	64,504	0	--	417	911,992
1983--								
1st quarter	529	495,749	22	22,516	0	--	32	73,503
2d quarter								
3d quarter								
4th quarter								
1983 total								
TO MAINLAND CHINA								
1980	6	2,800	--	--	--	--	--	--
1981	0	--	0	--	0	--	0	--
1982--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1982 total								
1983--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter								
3d quarter								
4th quarter								
1983 total								

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter. Washington Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Alaska Customs District is the State of Alaska. San Francisco Customs District includes Monterey and all ports north of Monterey, California.

Table 16--Log exports from southern California ports, by species, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	HARDWOODS
1972	631	203	92	336
1973	445	214	5	226
1974	378	32	130	216
1975	288	11	224	53
1976	2,396	1,411	670	315
1977	1,360	169	411	780
1978	1,721	172	917	632
1979	2,117	290	359	1,468
1980	1,149	295	610	244
1981	738	88	186	464
1982--				
1st quarter	209	3	27	179
2d quarter	103	4	28	71
3d quarter	56	0	42	14
4th quarter	429	274	114	41
1982 total	797	281	211	305
1983--				
1st quarter	20	0	0	20
2d quarter				
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which 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 17--Volume and average value of softwood log exports to Canada from the Montana Customs District, 1972-83¹

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

YEAR AND QUARTER	ALL SPECIES		DOUGLAS-FIR		OTHER SOFTWOODS	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	392	113.71	19	162.89	373	111.20
1973	379	177.58	93	261.16	286	150.40
1974	925	178.24	19	149.05	906	178.86
1975	739	226.93	72	274.78	667	221.76
1976	571	228.43	103	254.08	468	222.78
1977	1,227	247.66	467	251.10	760	245.54
1978	901	226.05	136	367.43	765	200.91
1979	3,906	168.47	0	--	3,906	168.47
1980	699	239.88	36	303.53	663	236.42
1981	477	362.68	123	475.06	354	323.64
1982--	-					
1st quarter	142	273.20	16	203.81	126	282.01
2d quarter	64	349.36	0	--	64	349.36
3d quarter	58	340.50	0	--	58	340.50
4th quarter	154	250.44	0	--	154	250.44
1982 total and average value	418	285.81	16	203.81	402	289.07
1983--						
1st quarter	63	310.65	0	--	63	610.65
2d quarter						
3d quarter						
4th quarter						
1983 total and average value						

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.

¹Montana Customs District includes all ports in Montana and Idaho.

Table 18--Log exports from British Columbia ports, by species and destination, 1972-83^{1/}

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	55,866	836	13,956	18,477	14,958	3,965	3,674
1973	35,716	1,852	9,750	7,441	13,647	1,211	1,815
1974	148,801	11,790	31,528	67,843	27,355	4,973	5,312
1975	85,082	2,406	18,914	19,373	41,416	1,505	2,188
1976	116,193	5,390	39,069	21,901	41,959	3,346	4,528
1977	186,511	10,085	118,085	36,048	19,835	754	1,704
1978	128,853	8,592	24,467	45,143	49,767	530	354
1979	169,107	2,431	56,504	56,954	43,201	4,135	5,882
1980	231,784	8,907	106,193	49,590	36,756	12,155	18,183
1981	184,481	856	98,579	24,616	37,774	18,943	3,713
1982--							
1st quarter	51,064	169	24,488	11,263	9,972	5,168	4
2d quarter	48,932	5,360	13,416	8,730	9,928	9,742	1,756
3d quarter	72,310	17,262	17,169	9,655	9,830	12,973	5,421
4th quarter	80,586	25,401	20,658	8,357	10,716	9,204	6,250
1982 total	252,892	48,192	75,731	38,005	40,446	37,087	13,431
1983--							
1st quarter	135,976	44,710	41,072	4,176	17,097	17,360	11,021
2d quarter							
3d quarter							
4th quarter							
1983 total							
TO JAPAN							
1972	46,059	567	13,478	13,412	14,938	3,664	0
1973	29,239	1,293	8,058	6,205	13,284	399	0
1974	80,655	2,167	22,968	31,915	16,503	2,304	4,798
1975	61,728	1,460	10,477	7,696	39,470	1,253	1,372
1976	67,192	792	17,026	7,343	39,905	470	1,656
1977	109,301	5,106	65,092	23,413	15,489	201	0
1978	90,001	4,094	16,890	24,038	44,814	99	66
1979	120,297	1,894	49,281	27,597	35,883	3,636	2,056
1980	154,824	1,692	61,500	35,346	36,157	6,939	13,190
1981	131,321	698	71,645	17,427	31,541	10,010	0
1982--							
1st quarter	41,921	163	18,649	11,263	9,530	2,316	0
2d quarter	14,779	84	4,177	3,286	4,211	3,021	0
3d quarter	41,823	6,187	12,879	5,257	8,461	8,413	626
4th quarter	31,934	1,771	15,898	3,653	7,604	3,008	0
1982 total	130,457	8,205	51,603	23,459	29,806	16,758	626
1983--							
1st quarter	72,481	15,996	35,674	4,346	11,558	4,907	0
2d quarter							
3d quarter							
4th quarter							
1983 total							

Table 18--Log exports from British Columbia ports, by species and destination, 1972-83^{1/} (continued)

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES							
1972	9,807	269	478	5,065	20	301	3,674
1973	6,471	559	1,692	1,236	363	812	1,809
1974	68,146	9,623	8,560	35,928	10,852	2,669	514
1975	23,354	946	7,717	11,677	1,946	252	816
1976	48,911	4,598	22,043	14,558	1,964	2,876	2,872
1977	74,442	4,979	50,817	12,043	4,346	553	1,704
1978	32,843	4,498	6,039	19,144	2,443	431	288
1979	48,810	537	7,223	29,357	7,368	499	3,826
1980	76,955	7,215	44,693	14,244	594	5,216	4,993
1981	50,324	158	26,934	7,189	4,340	8,879	2,824
1982--							
1st quarter	9,143	6	5,839	0	442	2,852	4
2d quarter	18,413	40	6,732	3,619	775	6,436	811
3d quarter	15,114	45	5,910	2,960	1,369	4,560	270
4th quarter	21,230	1,433	4,760	4,126	3,109	6,196	1,606
1982 total	63,900	1,524	23,241	10,705	5,695	20,044	2,691
1983--							
1st quarter	20,371	2,790	5,398	370	2,443	7,562	1,808
2d quarter							
3d quarter							
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	0	0	0	0	0	0	0
2d quarter	9,023	5,226	0	0	3,787	0	0
3d quarter	11,030	11,030	0	0	0	0	4,472
4th quarter	26,636	22,197	0	0	0	0	4,439
1982 total	46,689	38,463	0	0	3,787	0	8,911
1983--							
1st quarter	43,124	25,924	0	0	3,096	4,891	9,213
2d quarter							
3d quarter							
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

^{1/}Figures do not include shipments of pulpwood logs.

Table 19--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
1972	8,451	80.44
1973	2,102	124.71
1974	31,625	248.69
1975	55,494	207.13
1976	44,438	122.62
1977	91,962	194.93
1978	41,307	271.29
1979	75,855	298.89
1980	51,828	233.08
1981	33,985	319.77
1982--		
1st quarter	9,145	314.18
2d quarter	12,099	340.07
3d quarter	13,146	304.62
4th quarter	25,102	304.55
1982 total and average value	59,492	313.27
1983--		
1st quarter	27,366	255.60
2d quarter		
3d quarter		
4th quarter		
1983 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 20--Volume and average value of pulpwood imports from Canada into the Washington Customs District, 1972-83

YEAR AND QUARTER	CHIPPED PULPWOOD		ROUNDWOOD PULPWOOD	
	VOLUME	VALUE	VOLUME	VALUE
	<u>Short tons</u>	<u>Dollars</u>	<u>Cords</u>	<u>Dollars</u>
1972	909,926	9.87	2,300	47.56
1973	1,085,124	11.19	16	97.06
1974	623,830	15.55	31,998	60.08
1975	493,761	23.36	11,517	42.90
1976	877,550	20.98	1,967	32.14
1977	1,056,102	18.59	16,674	91.19
1978	1,215,483	16.37	0	--
1979	1,039,458	17.19	0	--
1980	1,185,701	26.77	57,337	66.64
1981	1,160,507	32.33	23,084	130.11
1982--				
1st quarter	350,630	33.44	0	--
2d quarter	357,400	35.98	7,659	118.52
3d quarter	275,629	29.92	661	379.31
4th quarter	264,154	27.57	0	--
1982 total and average value	1,247,813	32.15	8,320	139.24
1983--				
1st quarter	337,359	26.69	0	--
2d quarter				
3d quarter				
4th quarter				
1983 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 21--Volume and average value of chips exported from the Washington, Oregon, San Francisco, and Alaska Customs Districts, 1972-83

(In short tons, oven-dried basis; average value in dollars per short ton)

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	168,725	19.56	2,081,032	22.12	253,401	27.76	20,158	25.76
1973	272,196	21.84	2,778,829	24.85	369,403	24.41	0	--
1974	390,370	28.62	3,177,465	26.50	242,017	30.69	34,828	28.99
1975	326,083	38.56	2,436,807	34.74	257,735	28.96	32,399	48.51
1976	457,801	33.39	2,881,577	39.90	366,678	34.76	107,652	37.89
1977	281,540	49.17	2,892,333	43.33	519,444	42.91	107,429	51.67
1978	299,140	46.16	2,650,423	42.98	412,107	40.82	31,827	37.20
1979	346,209	50.05	3,125,103	42.55	603,989	44.69	83,706	48.62
1980	268,103	79.53	2,849,927	88.44	728,459	85.81	151,328	75.57
1981	296,461	80.74	2,076,612	85.51	321,533	89.89	77,649	73.61
1982--								
1st quarter	83,962	88.46	502,602	83.30	57,573	85.69	0	--
2d quarter	64,361	75.43	475,798	83.38	71,127	76.73	27,430	56.53
3d quarter	74,513	83.00	500,303	84.57	25,212	88.67	32,404	77.99
4th quarter	105,538	71.67	435,736	81.80	42,380	88.18	14,330	72.44
1982 total and average value	328,374	79.27	1,914,439	83.31	196,292	83.36	74,164	68.98
1983--								
1st quarter	69,722	75.40	400,690	70.19	57,310	67.87	6,645	34.67
2d quarter								
3d quarter								
4th quarter								
1983 total and average value								

Source--U.S. Department of Commerce except for San Francisco data for 1970 and 1971 which were obtained from the Port of Sacramento. 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. Washington Customs District includes all ports in the State of Washington, except Longview and Vancouver. Oregon 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 Alaska Customs District is the State of Alaska.

Table 22--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	406,493	321,761	30,772	53,960	164,472	99,927	21,994	42,551	242,021	221,834	8,778	11,409
1973	799,631	532,321	169,927	97,383	324,740	143,666	104,851	76,223	474,891	388,655	65,076	21,160
1974	719,729	496,978	124,047	98,704	331,818	174,056	79,399	78,363	387,911	322,922	44,648	20,341
1975	616,883	415,152	125,529	76,202	263,754	151,681	52,064	60,009	353,129	263,471	73,465	16,193
1976	698,941	478,100	145,645	75,196	311,599	155,041	94,581	61,977	387,342	323,059	51,064	13,219
1977	549,059	372,609	125,479	50,971	256,703	123,783	92,364	40,556	292,356	248,826	33,115	10,415
1978	585,588	374,032	135,156	76,400	310,100	128,895	118,094	63,111	275,488	245,137	17,062	13,289
1979	839,895	427,063	280,067	132,765	413,673	98,685	211,030	103,858	426,322	328,378	69,031	28,907
1980	984,882	449,123	338,487	197,272	521,728	106,671	270,706	144,351	463,154	342,452	67,781	52,921
1981	933,739	451,075	268,024	214,640	467,886	139,070	173,000	155,816	465,853	312,005	95,024	58,824
1982--												
1st quarter	230,902	106,344	80,882	43,676	124,372	33,409	62,730	28,233	106,530	72,935	18,152	15,443
2d quarter	236,114	120,027	75,976	40,111	130,958	36,225	62,809	31,924	105,156	83,802	13,167	8,187
3d quarter	177,462	92,221	52,332	32,909	73,300	16,992	33,343	22,965	104,162	75,229	18,989	9,944
4th quarter	243,923	100,671	97,711	45,541	144,326	30,423	78,292	35,611	99,597	70,248	19,419	9,930
1982 total	888,401	419,263	306,901	162,237	472,956	117,049	237,174	118,733	415,445	302,214	69,727	43,504
1983--												
1st quarter	249,498	124,545	72,467	52,486	136,719	32,870	56,501	47,348	112,779	91,675	15,966	5,138
2d quarter												
3d quarter												
4th quarter												
1983 total												
TO JAPAN												
1972	23,699	3,437	10,589	9,673	14,951	571	7,291	7,089	8,748	2,866	3,298	2,584
1973	153,537	40,402	99,707	13,428	89,514	19,247	64,966	5,301	64,023	21,155	34,741	8,127
1974	205,888	102,858	77,973	25,057	103,531	44,424	47,616	11,491	102,357	58,434	30,357	13,566
1975	208,160	96,307	96,610	15,243	89,489	40,991	45,359	3,139	118,671	55,316	51,251	12,104
1976	186,628	68,927	107,884	9,817	127,553	39,430	80,891	7,232	59,075	29,497	26,993	2,585
1977	145,386	40,945	93,719	10,722	108,468	20,845	80,161	7,462	36,918	20,100	13,558	3,260
1978	163,233	36,429	108,610	18,194	141,963	25,609	103,056	13,289	21,270	10,820	5,554	4,896
1979	355,840	75,567	227,702	52,571	258,444	45,549	177,239	35,656	97,396	30,018	50,463	16,915
1980	362,458	53,084	249,729	59,645	269,406	26,428	199,237	43,741	93,052	26,656	50,492	15,904
1981	312,232	55,479	206,837	49,916	189,547	25,966	128,307	35,274	122,685	29,513	78,530	14,642
1982--												
1st quarter	114,615	27,423	71,237	15,955	75,262	12,553	54,332	8,377	39,353	14,870	16,905	7,578
2d quarter	100,834	20,511	65,527	14,796	75,174	10,813	53,188	11,173	25,660	9,658	12,339	3,623
3d quarter	65,620	16,197	41,041	8,382	36,378	4,811	26,251	5,316	29,242	11,386	14,790	3,066
4th quarter	133,152	30,030	83,039	20,083	96,686	13,642	68,004	15,040	36,466	16,388	15,035	5,043
1982 total	414,221	94,161	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983--												
1st quarter	111,529	28,259	62,186	21,084	77,376	10,277	47,871	19,228	34,153	17,982	14,315	1,856
2d quarter												
3d quarter												
4th quarter												
1983 total												

Table 22--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/} (continued)
(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	70,297	42,581	8,687	19,029	70,297	42,581	8,687	19,029	0	0	0	0
1973	88,695	49,381	9,340	29,974	88,695	49,381	9,340	29,974	0	0	0	0
1974	126,547	67,856	5,952	52,739	124,097	65,406	5,952	52,739	2,450	2,450	0	0
1975	113,213	61,099	4,299	47,815	112,783	61,099	3,869	47,815	430	0	430	0
1976	101,633	50,327	6,737	44,569	101,633	50,327	6,737	44,569	0	0	0	0
1977	76,251	45,842	3,695	26,714	76,251	45,842	3,695	26,714	0	0	0	0
1978	117,969	69,852	9,241	38,876	117,930	69,813	9,241	38,876	39	39	0	0
1979	113,977	38,917	18,870	56,190	113,977	38,917	18,870	56,190	0	0	0	0
1980	159,658	54,876	26,325	78,457	159,658	54,876	26,325	78,457	0	0	0	0
1981	213,594	91,861	20,598	101,135	213,594	91,861	20,598	101,135	0	0	0	0
1982												
1st quarter	35,512	14,891	5,260	15,361	35,512	14,891	5,260	15,361	0	0	0	0
2d quarter	30,063	14,498	2,112	13,453	30,063	14,498	2,112	13,453	0	0	0	0
3d quarter	24,377	8,853	1,872	13,652	24,377	8,853	1,872	13,652	0	0	0	0
4th quarter	30,237	12,531	1,883	15,823	30,237	12,531	1,883	15,823	0	0	0	0
1982 total	120,189	50,773	11,127	58,289	120,189	50,773	11,127	58,289	0	0	0	0
1983--												
1st quarter	42,952	17,999	2,467	22,486	42,952	17,999	2,467	22,486	0	0	0	0
2d quarter												
3d quarter												
4th quarter												
1983 total												
TO MAINLAND CHINA												
1981	9,041	8,829	20	192	335	123	20	192	8,706	8,706	0	0
1982--												
1st quarter	5	5	0	0	0	0	0	0	5	5	0	0
2d quarter	0	0	0	0	0	0	0	0	0	0	0	0
3d quarter	2,194	2,194	0	0	0	0	0	0	2,194	2,194	0	0
4th quarter	49	49	0	0	0	0	0	0	49	49	0	0
1982 total	2,248	2,248	0	0	0	0	0	0	2,248	2,248	0	0
1983--												
1st quarter	0	0	0	0	0	0	0	0	0	0	0	0
2d quarter												
3d quarter												
4th quarter												
1983 total												

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

^{1/}Includes lumber classified as railroad crossties and not specified by species.

Table 23--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1979-83^{1/}
(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO ALL COUNTRIES												
1979	518.36	639.18	377.03	427.85	401.51	471.86	371.57	395.90	631.60	689.47	393.73	542.65
1980	436.14	560.96	319.83	351.55	324.62	361.19	310.48	324.13	561.77	623.19	357.18	426.36
1981	387.06	436.65	342.81	338.11	332.62	360.84	322.81	318.31	441.75	470.44	379.24	390.55
1982--												
1st quarter	378.22	419.28	319.39	387.17	313.31	321.03	308.56	314.73	453.99	464.29	356.79	519.61
2d quarter	396.44	466.38	294.26	380.70	308.16	321.36	294.93	319.21	506.38	529.06	291.06	620.47
3d quarter	366.63	423.37	287.56	333.33	312.22	338.91	303.14	305.66	404.91	442.45	260.20	397.24
4th quarter	327.75	382.27	268.88	333.52	275.66	248.48	270.22	310.86	402.22	440.21	263.52	414.79
1982 average	366.89	424.78	291.66	359.59	303.23	304.87	291.53	313.02	442.78	471.22	292.09	486.70
1983--												
1st quarter	349.88	386.89	312.11	314.22	305.05	397.05	313.84	300.12	404.23	419.10	305.98	444.15
2d quarter												
3d quarter												
4th quarter												
1983 average												
TO JAPAN												
1979	418.26	491.38	376.08	495.86	407.98	488.99	372.67	480.04	445.53	495.01	388.04	529.21
1980	353.02	391.89	332.12	405.92	346.43	391.76	326.23	411.03	372.09	392.01	355.34	391.88
1981	357.26	436.99	321.23	417.97	357.88	428.98	322.83	433.00	356.32	444.04	318.60	381.77
1982--												
1st quarter	336.07	380.63	312.93	362.50	310.10	325.15	301.45	343.65	385.72	427.53	350.02	383.34
2d quarter	334.49	322.38	343.56	311.11	286.35	304.56	282.24	288.27	475.53	342.25	607.88	381.55
3d quarter	281.26	246.83	250.90	496.45	258.45	194.53	235.77	428.28	309.64	268.93	277.75	614.66
4th quarter	289.73	289.68	270.20	370.57	279.43	252.27	365.88	365.37	317.04	320.83	289.74	386.08
1982 average	312.11	315.93	297.27	371.19	286.72	281.02	275.85	347.61	359.52	343.82	370.45	420.45
1983--												
1st quarter	309.30	285.24	313.18	330.11	300.64	268.24	295.68	330.32	328.91	294.94	371.70	327.95
2d quarter												
3d quarter												
4th quarter												
1983 average												

Table 23--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1979-83^{1/} (continued)
(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO CANADA												
1979	333.39	384.39	331.18	298.58	333.28	384.39	331.18	298.58	0	0	0	0
1980	263.66	285.72	252.59	251.96	263.66	285.72	252.59	251.96	0	0	0	0
1981	271.69	298.64	301.46	241.23	271.69	298.64	301.46	241.23	0	0	0	0
1982--												
1st quarter	266.80	264.46	290.34	261.00	266.80	264.46	290.34	261.00	0	0	0	0
2d quarter	295.12	322.23	344.18	258.16	295.12	322.23	344.48	258.16	0	0	0	0
3d quarter	255.32	265.26	360.63	234.43	255.32	265.26	360.63	234.43	0	0	0	0
4th quarter	234.81	214.63	321.75	241.58	234.81	214.63	321.75	241.58	0	0	0	0
1982 average	263.51	268.80	317.76	248.85	263.51	268.80	317.76	248.85	0	0	0	0
1983--												
1st quarter	263.27	278.36	325.74	244.33	263.27	278.36	325.74	244.33	0	0	0	0
2d quarter												
3d quarter												
4th quarter												
1983 average												
TO MAINLAND CHINA												
1981	283.78	286.62	741.60	105.42	270.22	450.82	741.60	105.42	284.30	284.30	0	0
1982--												
1st quarter	170.00	170.00	0	0	0	0	0	0	170.00	170.00	0	0
2d quarter	0	0	0	0	0	0	0	0	0	0	0	0
3d quarter	258.05	258.05	0	0	0	0	0	0	258.05	258.05	0	0
4th quarter	195.63	195.63	0	0	0	0	0	0	195.63	195.63	0	0
1982 average	257.07	257.07	0	0	0	0	0	0	257.07	257.07	0	0
1983--												
1st quarter	0	0	0	0	0	0	0	0	0	0	0	0
2d quarter												
3d quarter												
4th quarter												
1983 average												

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

¹Includes lumber classified as railroad crossties and not specified by species.

Table 24--Softwood lumber exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	48,914	20,843	135	27,936
1973	73,842	30,746	2,530	40,566
1974	35,314	17,350	815	17,149
1975	27,628	13,388	630	13,604
1976	40,585	14,430	462	25,693
1977	44,438	18,951	1,137	24,350
1978	32,919	12,931	684	19,304
1979	30,832	10,539	1,498	18,795
1980	34,603	10,531	3,777	20,295
1981	47,315	7,841	12,037	27,437
1982--				
1st quarter	10,323	2,497	1,607	6,219
2d quarter	13,228	4,446	1,750	7,032
3d quarter	13,922	2,738	1,220	9,964
4th quarter	15,244	4,174	2,959	8,111
1982 total	52,717	13,855	7,536	31,326
1983--				
1st quarter	11,357	4,060	1,748	5,549
2d quarter				
3d quarter				
4th quarter				
1983 total				
TO JAPAN				
1972	6,884	17	28	6,839
1973	4,963	328	2,359	2,276
1974	3,208	317	12	2,879
1975	4,303	337	--	3,966
1976	5,724	168	396	5,160
1977	7,766	1,354	--	6,412
1978	6,763	107	200	6,456
1979	8,854	0	700	8,154
1980	17,384	1,160	3,256	12,968
1981	29,437	2,608	11,834	14,995
1982--				
1st quarter	8,480	2,024	1,557	4,899
2d quarter	8,809	2,049	1,737	5,023
3d quarter	10,668	1,448	1,170	8,050
4th quarter	10,256	1,764	2,117	6,375
1982 total	38,213	7,285	6,581	24,347
1983--				
1st quarter	7,519	1,381	1,748	4,390
2d quarter				
3d quarter				
4th quarter				
1983 total				
TO MAINLAND CHINA				
1981	93	0	0	93
1982--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	5	0	0	5
4th quarter	17	17	0	0
1982 total	22	17	0	5
1983--				
1st quarter	0	0	0	0
2d quarter				
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 25--Softwood lumber exports from southern California ports,
by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS
TO ALL COUNTRIES			
1972	56,599	23,938	32,661
1973	52,608	19,599	33,009
1974	46,514	18,684	27,830
1975	56,759	23,596	33,163
1976	61,256	23,078	38,178
1977	72,588	26,895	45,693
1978	74,347	27,661	46,686
1979	81,372	20,388	60,984
1980	95,641	24,830	70,811
1981	109,451	18,809	90,642
1982--			
1st quarter	21,918	1,969	19,949
2d quarter	26,975	2,928	24,047
3d quarter	15,081	1,680	13,401
4th quarter	7,238	914	6,324
1982 total	71,212	7,491	63,721
1983--			
1st quarter	6,717	494	6,223
2d quarter			
3d quarter			
4th quarter			
1983 total			
TO JAPAN			
1972	1,578	12	1,566
1973	264	--	264
1974	64	--	64
1975	119	--	119
1976	377	--	377
1977	172	73	99
1978	471	--	471
1979	739	--	739
1980	2,330	237	2,093
1981	1,477	360	1,117
1982--			
1st quarter	245	0	245
2d quarter	3	0	3
3d quarter	12	12	0
4th quarter	30	0	30
1982 total	290	12	278
1983--			
1st quarter	0	0	0
2d quarter			
3d quarter			
4th quarter			
1983 total			

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

¹Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

Table 26--Softwood lumber exports from Alaska ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL	WESTERN HEMLOCK	SITKA SPRUCE	CEGAR	OTHER SOFTWOODS
TO ALL COUNTRIES					
1972	340,196	155,407	184,649	0	140
1973	404,849	210,555	194,143	12	139
1974	362,432	250,144	154,525	2,641	122
1975	313,307	179,398	132,556	1,353	0
1976	290,011	134,387	148,526	1,298	5,800
1977	250,044	122,544	121,350	5,579	571
1978	237,795	126,218	111,435	53	89
1979	278,462	172,005	103,844	479	2,134
1980	256,716	158,682	96,607	105	1,322
1981	195,981	104,974	91,007	0	0
1982--					
1st quarter	49,526	16,908	32,618	0	0
2d quarter	54,839	23,000	30,178	0	1,661
3d quarter	34,136	13,765	20,371	0	0
4th quarter	33,465	321,827	311,638	0	0
1982 total	171,966	75,500	94,805	0	1,661
1983--					
1st quarter	42,858	20,389	21,854	0	615
2d quarter					
3d quarter					
4th quarter					
1983 total					
TO JAPAN					
1972	336,798	152,555	184,243	0	0
1973	403,938	210,536	193,390	12	0
1974	361,691	204,845	154,205	2,641	0
1975	312,976	179,122	132,501	1,353	0
1976	289,197	134,274	148,221	902	5,800
1977	245,445	122,471	121,083	1,391	500
1978	236,615	125,355	111,207	53	0
1979	273,615	170,149	101,408	435	1,623
1980	251,369	156,654	94,610	105	0
1981	161,794	82,753	79,041	0	0
1982--					
1st quarter	39,046	13,050	25,996	0	0
2d quarter	53,846	23,000	30,178	0	668
3d quarter	29,469	13,315	16,154	0	0
4th quarter	33,465	21,827	11,638	0	0
1982 total	155,826	71,192	83,966	0	668
1983--					
1st quarter	34,269	18,795	14,937	0	537
2d quarter					
3d quarter					
4th quarter					
1983 total					
TO MAINLAND CHINA					
1981	27,149	18,428	8,721	0	0
1982--					
1st quarter	9,479	2,857	6,622	0	0
2d quarter	0	0	0	0	0
3d quarter	3,674	450	3,224	0	0
4th quarter	0	0	0	0	0
1982 total	13,153	3,307	9,846	0	0
1983--					
1st quarter	5,976	1,582	4,394	0	0
2d quarter					
3d quarter					
4th quarter					
1983 total					

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

Table 27--Softwood lumber exports to Canada from the Montana Customs District, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
1972	16,360	6,391	1,595	8,374
1973	47,727	30,526	3,334	13,867
1974	29,146	9,618	3,602	15,926
1975	50,226	12,745	4,516	32,965
1976	56,451	19,050	3,521	33,880
1977	46,488	12,660	3,463	30,365
1978	44,612	12,691	2,276	29,645
1979	81,671	22,067	1,632	57,972
1980	57,556	14,030	1,803	41,723
1981	82,933	18,196	1,308	63,429
1982--				
1st quarter	13,582	2,047	231	11,304
2d quarter	10,114	1,573	56	8,485
3d quarter	11,699	2,763	194	8,742
4th quarter	12,023	2,212	209	9,602
1982 total	47,418	8,595	690	38,133
1983--				
1st quarter	16,216	3,428	230	12,558
2d quarter				
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Montana Customs District includes all ports in Montana and Idaho.

Table 28--Lumber exports from British Columbia ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	3,834,552	707,112	1,801,818	406,409	634,563	278,836	5,814
1973	4,169,812	566,535	2,032,594	456,522	766,830	344,401	2,930
1974	3,938,940	527,706	1,699,277	406,419	914,787	387,043	3,708
1975	3,001,410	356,371	1,113,665	295,218	825,527	409,507	1,122
1976	4,670,033	542,197	1,967,446	467,829	1,191,429	499,853	1,279
1977	5,860,807	683,614	2,364,028	533,267	2,269,876	8,796	1,226
1978	5,876,119	679,566	2,492,764	570,796	2,116,258	15,674	1,061
1979	5,755,532	679,694	2,313,186	646,701	1,983,829	129,161	2,961
1980	5,160,800	498,425	2,098,672	988,347	1,872,234	99,624	3,498
1981	4,421,519	420,466	1,805,988	604,608	1,495,892	93,086	1,479
1982--							
1st quarter	1,045,913	99,313	451,692	166,216	56,025	272,403	264
2d quarter	1,236,274	99,590	508,243	176,105	64,291	387,718	327
3d quarter	1,018,860	86,096	420,486	151,808	41,548	309,280	9,642
4th quarter	941,852	54,933	423,578	141,736	46,354	274,940	311
1982 total	4,242,899	339,932	1,803,999	635,865	208,218	1,244,341	10,544
1983--							
1st quarter	1,173,746	80,455	503,998	161,250	62,562	363,111	2,370
2d quarter							
3d quarter							
4th quarter							
1983 total							
TO JAPAN							
1972	400,051	15,268	300,460	46,052	34,003	526	3,742
1973	617,449	12,987	441,852	88,946	71,531	1,849	284
1974	500,785	15,335	349,560	83,749	49,116	2,490	535
1975	407,674	12,870	301,336	60,490	30,488	2,405	85
1976	633,863	13,727	476,927	79,934	61,743	1,521	11
1977	705,823	18,530	530,567	90,447	65,943	85	251
1978	779,135	23,799	545,983	116,368	92,940	0	45
1979	1,014,481	44,021	677,425	158,121	133,358	546	1,010
1980	1,084,426	55,800	701,579	136,130	185,379	4,158	1,380
1981	867,636	34,239	577,901	129,256	125,324	717	199
1982--							
1st quarter	321,362	17,735	220,513	33,431	18,192	31,401	90
2d quarter	300,572	10,662	219,718	23,776	15,107	31,275	34
3d quarter	221,355	8,972	149,475	28,409	14,650	19,849	0
4th quarter	205,082	7,022	123,919	34,284	18,760	21,082	15
1982 total	1,048,371	44,391	713,625	119,900	66,709	103,607	139
1983--							
1st quarter	284,327	10,068	189,631	32,141	19,963	32,499	25
2d quarter							
3d quarter							
4th quarter							
1983 total							

Table 28--Lumber exports from British Columbia ports, by species and destination, 1972-83 (continued)

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES ¹							
1972	2,679,159	505,902	1,155,419	254,521	491,217	270,029	2,071
1973	2,601,556	347,653	1,143,329	240,978	544,634	322,316	2,646
1974	2,287,461	302,112	761,924	207,138	659,751	353,487	3,049
1975	2,026,343	238,331	542,256	166,949	684,404	393,391	1,012
1976	2,965,011	322,793	978,784	267,831	938,185	456,237	1,181
1977	4,107,653	529,808	1,340,920	333,604	1,894,371	7,988	962
1978	4,078,666	501,841	1,443,548	365,062	1,751,741	15,496	978
1979	3,528,648	462,658	1,125,807	382,991	1,429,014	126,536	1,642
1980	2,590,889	283,482	775,428	355,821	1,079,387	94,683	2,088
1981	2,337,958	228,856	803,019	394,800	813,733	96,305	1,245
1982--							
1st quarter	454,409	38,338	143,946	105,038	28,766	138,161	160
2d quarter	598,691	45,348	178,235	129,618	35,901	209,335	254
3d quarter	487,198	40,730	138,339	104,856	23,304	179,603	366
4th quarter	477,427	33,360	176,993	91,122	23,343	152,313	296
1982 total	2,017,725	157,776	637,513	430,634	111,314	679,412	1,076
1983--							
1st quarter	596,902	42,067	197,343	107,140	39,938	209,966	448
2d quarter							
3d quarter							
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	37	0	0	0	0	37	0
2d quarter	8,663	0	6,426	0	0	2,337	0
3d quarter	15,481	0	6,290	0	0	0	9,191
4th quarter	19,025	0	28,877	0	624	2,240	0
1982 total	43,206	0	28,877	0	624	49514	9,191
1983--							
1st quarter	16,970	0	10,445	0	0	4,663	1,862
2d quarter							
3d quarter							
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

¹Figures do not include shipments of railroad crossties.

Table 29--Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83

(In thousand square feet)

YEAR AND QUARTER	FROM BOTH CUSTOMS DISTRICTS		FROM WASHINGTON CUSTOMS DISTRICT		FROM OREGON CUSTOMS DISTRICT	
	SOFTWOOD, 3/8-INCH BASIS	HARWOOD, SURFACE MEASURE	SOFTWOOD, 3/8-INCH BASIS	HARWOOD, SURFACE MEASURE	SOFTWOOD, 3/8-INCH BASIS	HARWOOD, SURFACE MEASURE
TO ALL COUNTRIES						
1972	122,242	3,603	23,241	3,342	99,001	261
1973	284,806	6,337	45,493	5,546	239,313	791
1974	284,487	6,590	131,317	5,604	153,170	986
1975	407,117	10,493	93,951	10,360	313,166	133
1976	532,576	24,229	34,020	23,846	498,556	383
1977	233,762	17,673	20,603	17,447	213,159	226
1978	242,105	12,160	23,284	8,871	218,821	3,289
1979	330,018	9,962	27,132	9,644	302,886	318
1980	279,003	9,718	20,747	8,806	258,256	912
1981	327,967	18,645	65,729	17,333	262,238	1,312
1982--						
1st quarter	61,985	3,009	8,562	3,003	53,423	6
2d quarter	54,367	2,326	10,519	2,326	43,848	0
3d quarter	26,117	1,352	8,687	1,348	17,430	4
4th quarter	79,140	2,748	8,500	2,669	70,640	79
1982 total	221,609	9,435	36,268	9,346	185,341	89
1983--						
1st quarter	109,950	4,445	10,297	4,311	99,653	134
2d quarter						
3d quarter						
4th quarter						
1983 total						
TO JAPAN						
1972	734	34	432	0	302	34
1973	8,139	247	1,625	0	6,514	247
1974	3,311	188	1,203	11	2,108	177
1975	2,141	14	414	0	1,727	14
1976	2,361	61	498	61	1,863	0
1977	1,914	162	122	74	1,792	88
1978	2,821	18	167	18	2,654	0
1979	6,040	108	931	108	5,109	0
1980	8,301	978	4,158	978	4,143	0
1981	5,056	13	2,162	12	2,894	1
1982--						
1st quarter	1,671	0	408	0	1,263	0
2d quarter	2,523	0	948	0	1,575	0
3d quarter	629	0	524	0	105	0
4th quarter	1,897	19	1,272	19	625	0
1982 total	6,720	19	3,152	19	3,568	0
1983--						
1st quarter	1,264	0	910	0	354	0
2d quarter						
3d quarter						
4th quarter						
1983 total						
TO MAINLAND CHINA						
1982--						
1st quarter	0	0	0	0	0	0
2d quarter	0	1	0	1	0	0
3d quarter	0	0	0	0	0	0
4th quarter	0	0	0	0	0	0
1982 total	0	1	0	1	0	0
1983--						
1st quarter	0	0	0	0	0	0
2d quarter						
3d quarter						
4th quarter						
1983 total						

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Washington 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.

Table 30--Plywood exports from California, 1972-83^{1/}

(In thousand square feet)

YEAR AND QUARTER	TOTAL	NORTHERN CALIFORNIA		SOUTHERN CALIFORNIA	
		SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE	SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE
1972	15,429	6,633	668	5,941	2,187
1973	16,562	8,186	698	4,358	3,320
1974	18,177	4,985	305	7,978	4,909
1975	19,619	7,874	542	6,311	4,892
1976	19,696	10,085	92	4,681	5,111
1977	9,198	5,148	646	1,818	1,586
1978	6,036	2,833	899	964	1,340
1979	5,934	1,638	871	1,946	1,479
1980	9,054	1,414	849	3,546	3,245
1981	9,349	2,424	487	2,830	3,608
1982--					
1st quarter	1,419	547	69	391	412
2d quarter	2,173	917	205	533	518
3d quarter	2,209	774	556	457	422
4th quarter	1,663	788	534	176	165
1982 total	7,464	3,026	1,364	1,557	1,517
1983--					
1st quarter	1,356	524	58	195	579
2d quarter					
3d quarter					
4th quarter					
1983 total					

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which may have been made after this time are not shown.

^{1/}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, California.

Table 31--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In thousand board feet, Scribner scale)

AGENCY					1982		1983				TOTAL
	1978	1979	1980	1981	TOTAL	1ST QTR.	1ST QTR.	20 QTR.	30 QTR.	4TH QTR.	
Western Washington:											
U.S. Forest Service ¹	1,097,548	1,222,548	1,114,024	1,224,969	1,066,085	324,795		333,610			
U.S. Bur. Indian Affairs	66,923	22,882	6,927	13,460	2,535		0			839	
State of Washington ²	175,155	1,150,935	503,565	368,885	601,935	251,475		152,160			
Total	1,339,675	2,396,365	1,624,516	1,607,014	1,670,555	576,270		486,609			
Eastern Washington:											
U.S. Forest Service ¹	382,902	420,819	428,631	389,029	322,315	40,196		80,772			
U.S. Bur. Land Manage.	54	2,645	1,798	3,898	3,025		0			0	
U.S. Bur. Indian Affairs	157,396	140,247	211,205	53,795	44,583		34,360			2,689	
State of Washington ²	30,385	125,505	80,345	53,710	89,620	18,175		12,410			
Total	570,737	689,216	721,979	500,432	459,543	92,731		95,871			
Western Oregon:											
U.S. Forest Service ¹	2,242,355	2,441,324	2,643,716	2,378,903	2,418,057	656,082		906,967			
U.S. Bur. Land Manage.	1,110,451	889,797	1,150,026	1,030,627	1,214,330	266,612		217,953			
U.S. Bur. Indian Affairs ³	0	0	0	3,340	0		0			0	
State of Oregon	210,353	219,378	238,931	135,461	301,947	45,449		26,091			
Total	3,563,159	3,550,499	4,032,673	3,548,331	3,934,334	968,143		1,151,011			
Eastern Oregon:											
U.S. Forest Service ¹	1,115,280	1,271,677	1,168,327	1,294,928	1,164,264	275,080		356,626			
U.S. Bur. Land Manage.	12,152	6,525	2,301	17,864	15,197		0			0	
U.S. Bur. Indian Affairs	152,320	15,439	25,480	55,032	89,438	84,681		0		0	
State of Oregon	8,379	7,499	5,992	1,040	13,350	6,724		0		0	
Total	1,288,131	1,301,140	1,202,100	1,368,864	1,282,249	366,485		356,626			
All public lands:											
U.S. Forest Service ¹	4,838,134	5,356,368	5,354,698	5,287,829	4,970,721	1,296,153		1,677,975			
U.S. Bur. Land Manage.	1,122,657	898,967	1,154,125	1,052,381	1,232,552	266,612		217,953			
U.S. Bur. Indian Affairs ³	376,639	178,568	243,612	125,627	136,556	119,041		3,528			
State of Washington ²	205,540	1,276,440	583,910	422,595	691,555	269,650		164,570			
State of Oregon	218,732	226,877	244,923	136,501	315,297	52,173		26,091			
Total	6,761,702	7,937,220	7,581,268	7,024,941	7,346,691	2,003,629		2,090,117			

Source--respective agencies listed.

¹Convertible products only.²Excludes sales under \$2,000.³Siletz Reservation formed 1980.

Table 32--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In dollars per thousand board feet)

AGENCY	1978	1979	1980	1981	1982		1983			
					AVERAGE	1ST QTR.	1ST QTR.	20 QTR.	30 QTR.	4TH QTR.
Western Washington:										
U.S. Forest Service ¹	129.57	224.68	208.06	180.57	61.48	72.17	61.38			
U.S. Bur. Indian Affairs	120.34	264.95	182.32	129.09	128.64	--	90.73			
State of Washington ²	231.31	332.10	304.71	208.95	146.88	177.09	152.17			
Average	142.84	276.66	237.91	186.65	92.35	117.95	90.02			
Eastern Washington:										
U.S. Forest Service ¹	186.69	104.68	90.92	77.57	30.61	50.89	50.07			
U.S. Bur. Land Manage.	123.48	16.80	21.25	105.60	43.64	43.64	--			
U.S. Bur. Indian Affairs	165.37	212.01	162.32	173.78	191.17	230.10	61.71			
State of Washington ²	162.13	210.79	207.67	198.94	115.52	195.41	75.46			
Average	179.49	145.50	124.63	101.15	62.83	145.62	53.68			
Western Oregon:										
U.S. Forest Service ¹	210.96	332.09	354.60	276.36	92.44	119.23	138.74			
U.S. Bur. Land Manage.	196.36	292.59	323.63	246.68	89.40	113.55	130.89			
U.S. Bur. Indian Affairs ³	--	--	--	365.16	--	--	--			
State of Oregon	226.23	314.93	332.25	262.31	117.52	128.37	144.12			
Average	207.31	321.13	344.44	269.30	93.43	118.09	143.52			
Eastern Oregon:										
U.S. Forest Service ¹	171.04	169.55	130.22	144.49	77.28	83.61	89.52			
U.S. Bur. Land Manage.	206.17	103.25	118.72	84.31	62.45	--	--			
U.S. Bur. Indian Affairs	113.72	196.29	266.61	112.47	82.85	82.60	--			
State of Oregon	134.91	229.38	186.29	16.00	111.66	110.22	--			
Average	164.36	169.88	133.37	142.32	56.33	83.86	89.52			
All public lands:										
U.S. Forest Service ¹	181.49	251.12	254.06	208.60	72.69	97.76	108.69			
U.S. Bur. Land Manage.	196.46	290.41	322.75	243.40	88.96	113.55	130.89			
U.S. Bur. Indian Affairs ³	136.48	217.43	173.80	147.23	119.07	125.17	68.61			
State of Washington ²	221.08	320.17	291.35	207.68	142.82	178.32	146.38			
State of Oregon	222.73	312.10	328.68	260.43	114.27	126.03	144.12			
Average	184.01	267.66	267.21	213.67	84.80	113.06	117.73			

Source--respective agencies listed.

¹Prices 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 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).

²Excludes sales under \$2,000.

³Siletz Reservation formed 1980.

Table 33--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83¹
(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		SUGAR PINE	WHITE PINE	LOOSEPOLE PINE	ENGELMANN SPRUCE	SITKA SPRUCE	WESTERN HEMLOCK	CEOARS ²	LARCH	NOBLE FIR AND SHASTA RED FIR	OTHER TRUE FIRS	ALL SPECIES
	WEST SIDE	EAST SIDE	AND JEFFREY PINES	AND JEFFREY PINES													
1972	71.70	15.60	38.40	26.00	35.80	10.60	27.20	28.00	49.00	67.50	13.50	100.20	33.00	53.20			
1973	138.10	60.40	77.70	60.50	50.70	38.40	55.60	93.40	99.20	146.80	53.90	81.40	73.80	102.80			
1974	202.40	68.20	110.60	139.10	121.00	25.70	50.20	72.60	110.80	217.00	11.00	136.20	80.90	142.40			
1975	169.50	34.30	43.10	109.90	84.40	15.40	13.70	75.90	68.50	119.20	5.80	117.70	45.10	101.60			
1976	176.20	38.60	79.40	118.90	116.00	40.20	10.50	83.10	78.10	160.30	20.30	105.60	55.00	113.20			
1977	225.90	71.20	138.40	162.80	142.70	35.40	36.50	103.00	89.20	149.60	62.10	128.90	85.10	153.80			
1978	250.31	98.50	218.70	207.90	123.70	41.60	85.40	109.50	111.70	206.60	56.40	122.50	99.10	185.00			
1979	394.30	81.70	238.00	267.30	181.90	47.10	51.60	227.90	197.10	329.10	90.50	211.30	189.80	270.00			
1980	432.20	70.80	190.80	167.00	102.80	44.60	34.20	306.50	208.00	301.00	43.60	241.80	167.90	285.50			
1981	350.20	94.00	206.40	174.50	100.60	36.60	15.00	238.00	162.00	168.70	69.70	147.30	103.80	230.60			
1982--																	
1st quarter	152.10	59.20	110.00	84.20	105.60	33.30	6.00	86.30	48.90	101.90	18.50	48.60	70.38	109.20			
2d quarter	97.60	36.10	78.60	32.60	29.00	15.50	18.40	93.10	33.20	106.80	58.30	50.30	31.20	69.30			
3d quarter	91.70	27.80	54.60	95.10	41.30	9.50	21.90	25.50	37.80	72.90	15.30	16.30	24.80	59.20			
4th quarter	134.30	29.30	73.10	107.70	54.40	17.20	8.50	41.70	69.00	142.20	15.90	16.00	43.40	96.40			
1982 average	35.80	78.60	83.60	50.00	17.40	17.40	19.50	49.50	44.60	101.90	37.50	28.40	40.00	80.20			
1983--																	
1st quarter	180.50	31.70	132.70	64.00	24.80	18.90	22.10	25.90	52.60	51.00	31.60	39.50	57.10	122.60			
2d quarter																	
3d quarter																	
4th quarter																	
1983 average																	

Source--Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

¹Prices 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 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-Y funds).

²Includes Port-Orford-cedar.

Table 34--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/} 2/

(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 ³		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Western Oregon:												
Mount Hood--												
1st qtr.	96,955	207.60	4,120	27.70	1,480	17.28	42,635	73.30	210	7.37	190,449	126.51
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Rogue River--												
1st qtr.	24,750	204.44	0	--	3,850	70.71	110	14.13	10,570	164.63	48,810	157.15
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Siskiyou--												
1st qtr.	33,305	205.84	0	--	110	45.98	1,460	8.92	200	11.92	40,870	182.95
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Siuslaw--												
1st qtr.	118,891	168.04	0	--	0	--	14,160	84.68	0	--	150,423	145.39
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Umpqua--												
1st qtr.	123,411	221.48	0	--	0	--	5,900	19.97	12,600	10.44	167,911	168.46
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Willamette--												
1st qtr.	179,580	193.90	0	--	500	34.13	30,760	13.10	8,660	19.68	301,018	119.98
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All western Oregon:												
1st qtr.	576,892	197.91	4,120	27.70	5,940	53.09	95,025	51.14	32,240	63.46	899,481	139.71
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Western Washington:												
Gifford Pinchot--												
1st qtr.	45,050	166.43	0	--	0	--	17,800	90.65	24,315	92.27	101,545	112.84
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Mount Baker-Snoqualmie--												
1st qtr.	9,370	104.91	0	--	0	--	30,893	52.63	11,200	86.55	70,810	57.24
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Olympic--												
1st qtr.	46,930	26.79	0	--	0	--	79,970	43.98	0	--	155,480	34.12
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												

Table 34--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/2} (continued)

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

NATIONAL FOREST	DOUGLAS-FIR				PONOEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ³		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
All western Washington:												
1st qtr.	101,350	94.01	0	--	0	--	128,663	52.51	35,515	90.46	327,835	63.50
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All western Oregon and western Washington:												
1st qtr.	678,242	182.39	4,120	27.70	5,940	53.09	223,688	51.93	67,755	77.92	1,227,316	119.36
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Eastern Oregon:												
Oeschutes--												
1st qtr.	0	--	0	--	28,160	144.71	0	--	130	3.68	40,710	104.32
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Fremont--												
1st qtr.	0	--	0	--	12,290	67.24	0	--	3,750	11.24	25,455	45.33
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Malheur--												
1st qtr.	0	--	5,815	11.71	62,330	117.01	0	--	4,635	2.58	75,845	99.45
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Ochoco--												
1st qtr.	0	--	2,400	16.29	44,170	77.54	0	--	0	--	46,570	74.38
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Umatilla--												
1st qtr.	0	--	7,000	27.90	6,000	120.39	0	--	13,500	19.39	40,770	29.23
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Wallowa-Whitman--												
1st qtr.	0	--	12,405	19.60	14,340	62.81	0	--	12,700	18.91	61,545	24.53
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Winema--												
1st qtr.	0	--	800	6.41	48,600	247.80	0	--	10,900	62.57	66,000	195.24
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All eastern Oregon:												
1st qtr.	0	--	28,420	19.38	215,890	135.54	0	--	45,615	27.15	356,895	89.67
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												

Total and average

Table 34--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/2} (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 ³		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Eastern Washington:												
Colville--												
1st qtr.	0	--	77	80.89	700	24.04	176	50.25	2,300	12.95	30,600	20.29
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Okanogan--												
1st qtr.	0	--	20,300	27.56	9,200	141.17	0	--	0	--	31,300	61.09
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Wenatchee--												
1st qtr.	0	--	5,260	127.60	2,100	68.18	2,140	19.13	5,010	114.81	6,720	86.67
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All eastern Washington:												
1st qtr.	0	--	25,637	48.24	12,000	121.56	2,316	21.49	7,310	82.76	78,620	50.65
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All eastern Oregon and eastern Washington:												
1st qtr.	0	--	54,057	33.08	227,890	134.80	2,316	21.49	52,925	34.84	435,515	82.62
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
Pacific Northwest Region:												
1st qtr.	678,242	182.39	58,177	32.69	233,830	132.73	226,004	51.62	120,680	58.85	1,662,831	109.74
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All of Oregon:												
1st qtr.	576,892	197.91	32,540	20.43	221,830	133.33	95,025	51.14	77,855	42.19	1,256,376	125.50
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												
All of Washington:												
1st qtr.	101,350	94.01	25,637	48.24	12,000	121.56	130,979	51.96	42,825	89.15	406,455	61.01
2d qtr.												
3d qtr.												
4th qtr.												
Total and average												

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

^{1/}Preliminary.^{2/}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 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).³ Does not include noble fir or Shasta red fir.

Table 35--Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983				
	1978	1979	1980	1981	TOTAL	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
Montana:										
U.S. Forest Service ¹	533,161	512,023	579,943	536,133	547,509	62,399	123,057			
U.S. Bur. Land Manage. ²	4,576	9,148	11,079	9,061	6,265	589	75			
U.S. Bur. Indian Affairs	6,880	37,468	25,405	24,693	17,198	2,440	453			
State of Montana	25,036	28,110	24,662	28,853	25,417R	5,793	5,481			
Total	569,653	586,749	642,089	598,740	596,442	71,221	129,066			
Idaho:										
U.S. Forest Service ¹	836,629	843,992	828,507	741,147	687,320	172,582	131,481			
U.S. Bur. Land Manage. ²	27,656	778	19,283	33,221	11,538	520	238			
U.S. Bur. Indian Affairs	8,491	1,609	2,381	14,484	7,070	0	0			
State of Idaho	120,261	179,307	222,137	14,820	38,727	2,316	22,012			
Total	993,039	1,025,686	1,072,308	803,672	744,655	175,418	153,731			
All public lands:										
U.S. Forest Service ¹	1,369,790	1,356,015	1,408,450	1,277,280	1,234,829	234,981	254,538			
U.S. Bur. Land Manage. ²	32,232	9,926	30,362	42,282	17,803	1,109	313			
U.S. Bur. Indian Affairs	15,371	39,077	27,786	39,177	24,268	2,440	453			
State of Montana	25,036	28,110	24,662	28,853	25,470	5,793	5,481			
State of Idaho	120,261	179,307	222,137	14,820	38,727	2,316	22,012			
Total	1,562,690	1,612,435	1,713,397	1,402,412	1,341,097	246,639	282,797			

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales.

R = revised.

Table 36--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In dollars per thousand board feet)

AGENCY	1982					1983					
	1978	1979	1980	1981	AVERAGE	1ST QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
Montana:											
U.S. Forest Service ¹	62.12	59.66	43.31	57.46	29.80	43.12	34.73				
U.S. Bur. Land Manage. ²	50.25	41.99	60.39	39.52	32.17	3.40	7.93				
U.S. Bur. Indian Affairs	35.78	114.61	104.81	65.05	73.50	74.20	17.56				
State of Montana	104.76	114.36	79.44	99.28	81.39	73.30	62.74				
Average	63.58	65.52	47.43	59.52	33.28	.46.31R	35.84				
Idaho:											
U.S. Forest Service ¹	52.10	63.56	40.74	43.27	28.28	30.15	54.29				
U.S. Bur. Land Manage. ²	83.46	63.70	47.09	55.45	26.71	31.51	9.34				
U.S. Bur. Indian Affairs	67.51	119.89	129.09	83.15	78.79	--	--				
State of Idaho	133.14	102.23	92.21	101.83	45.28	76.72	90.53				
Average	62.92	70.41	51.71	44.88	29.62	30.77	59.41				
All public lands:											
U.S. Forest Service ¹	56.00	62.09	41.80	49.22	28.95	33.59	44.83				
U.S. Bur. Land Manage. ²	78.75	43.69	51.94	38.92	28.63	16.63	9.00				
U.S. Bur. Indian Affairs	53.31	114.83	106.53	71.74	75.04	74.20	17.56				
State of Montana	104.76	114.36	79.44	99.28	81.39	73.30	62.74				
State of Idaho	133.14	102.23	92.21	101.83	45.28	76.72	90.53				
Average	63.16	68.63	50.11	51.13	31.25	35.26	48.65				

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log prices.

R = revised.

Table 37--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83¹
(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
1972	26.70	35.50	30.30	16.50	27.00	12.90	28.50	34.30	19.20	26.50
1973	50.70	66.50	65.90	38.30	65.80	42.60	45.20	66.30	46.10	53.30
1974	31.90	63.50	117.80	19.40	39.10	28.90	26.50	38.90	29.20	44.70
1975	14.40	22.40	36.20	19.20	10.90	2.00	42.50	20.30	4.80	18.30
1976	23.00	56.80	91.40	16.70	42.20	9.60	45.80	52.90	9.30	35.40
1977	41.50	96.60	122.70	38.30	61.40	11.90	72.00	72.20	20.20	53.20
1978	41.20	113.50	146.00	44.70	85.80	42.50	144.90	69.60	37.30	64.80
1979	51.90	127.20	185.60	34.40	75.90	62.10	117.20	91.40	43.90	70.90
1980	20.50	112.70	80.10	42.70	44.10	171.80	123.20	73.80	30.10	53.40
1981	44.20	74.20	149.70	54.50	63.00	61.40	95.60	67.20	78.40	63.90
1982	26.60	48.10	81.40	34.60	27.20	71.10	60.90	28.30	37.70	36.20
1983--										
1st quarter	38.30	63.90	108.40	26.50	32.30	71.60	133.40	46.00	48.60	48.12
2d quarter										
3d quarter										
4th quarter										
1983 average										

1983 average

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

¹Prices 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 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).

Table 38--Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1978	1979	1980	1981	1982			1983			
					TOTAL	1ST QTR.	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.
U.S. Forest Service ¹	175,140	93,733	145,285	163,700	71,429	10,592	978				
U.S. Bur. Land Manage. ²	142	22	125	32	1,270	0	0				
U.S. Bur. Indian Affairs	440	258,360	12,794	200	7,680	7,680	0				
State of Alaska	6,932	156,235	4,949	18,402	24,154	11,514	3,900				
Total	182,654	508,350	163,153	182,334	104,533	29,786R	4,878				

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales or volume given away through free use permits.

R = revised.

Table 39--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83
(in dollars per thousand board feet)

AGENCY	1982					1983					
	1978	1979	1980	1981	AVERAGE	1ST QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	51.73	159.71	101.72	46.91	32.03	11.70	17.24				
U.S. Bur. Land Manage. ²	94.72	34.09	6.00	34.00	28.08	--	--				
U.S. Bur. Indian Affairs	80.00	5.31	151.83	2.00	122.40	122.40R	--				
State of Alaska	26.60	3.22	24.63	19.21	18.23	18.31R	17.06				
Average	50.88	33.14	103.24	44.06	35.43	42.80	17.09				

Source--respective agencies listed. Includes products other than sawtimber.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

R = revised.

Table 40--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	SITKA SPRUCE	WESTERN HEMLOCK	CEDAR AND OTHER SOFTWOODS	ALL SPECIES
1972	7.30	7.90	1.00	7.60
1973	13.30	11.50	21.10	12.50
1974	41.80	22.30	41.70	28.80
1975	33.00	18.10	60.70	23.20
1976	25.10	12.00	67.30	28.00
1977	65.00	65.00	4.00	63.00
1978	99.17	4.27	136.17	40.57
1979	289.50	100.00	161.70	142.70
1980	213.30	18.40	437.40	101.10
1981	131.60	24.30	4.50	47.50
1982--				
1st quarter	30.10	6.20	1.60	10.60
2d quarter	34.90	6.40	27.10	30.80
3d quarter	128.20	23.60	71.80	47.40
4th quarter	66.30	6.70	3.90	22.80
1982 average	39.00	14.50	35.70	32.40
1983--				
1st quarter	24.50	7.70	13.80	17.10
2d quarter				
3d quarter				
4th quarter				
1983 average				

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

¹Prices 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 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).

Table 41--Volume of timber sold on publicly owned or managed lands in California, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982							1983			
	1978	1979	1980	1981	TOTAL	1ST QTR.	1ST QTR.	20 QTR.	30 QTR.	4TH QTR.	TOTAL
U.S. Forest Service ¹	2,001,607	2,071,263	1,875,796	1,899,263	1,617,664	204,899	437,956				
U.S. Bur. Land Manage. ²	13,107	4,195	17,203	14,471	33,368	1,222	513				
U.S. Bur. Indian Affairs	37,200	33,729	22,230	11,000	63,595	0	0				
State of California	27,333	21,833	30,328	10,480	34,726	3,313	17,342				
Total	2,079,247	2,131,020	1,945,557	1,935,214	1,749,353	209,434	455,811				

Source--respective agencies listed.

¹Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

²Does not include cull log sales or volume given away through free use permits.

Table 42--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83
(In dollars per thousand board feet)

AGENCY	1982					1983				
	1978	1979	1980	1981	AVERAGE	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	145.57	201.08	241.39	149.78	53.87	65.62	83.83			
U.S. Bur. Land Manage. ²	96.39	102.59	173.25	84.26	47.05	29.42	83.84			
U.S. Bur. Indian Affairs	125.34	157.70	158.28	224.73	153.90	--	--			
State of California	273.35	370.76	283.94	190.57	133.93	51.89	247.97			
Average	146.58	201.94	240.51	180.70	58.97	65.10	90.04			

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

Table 43--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	PONDEROSA AND JEFFREY PINES						ALL SPECIES
	DOUGLAS-FIR	JEFFREY PINES	SUGAR PINE	LODGEPOLE PINE	CEDARS	TRUE FIRS	
1972	40.70	65.80	66.60	5.40	50.10	30.20	47.40
1973	84.80	108.60	89.30	12.40	86.40	70.20	83.10
1974	87.00	101.40	104.00	6.50	112.00	41.70	81.80
1975	51.40	71.00	99.00	22.40	79.90	19.70	53.80
1976	76.00	101.80	185.00	6.50	84.00	23.40	80.40
1977	124.30	131.40	168.50	165.20	337.90	50.60	121.10
1978	131.10	164.70	169.20	136.20	516.40	79.80	148.10
1979	186.60	239.00	375.40	25.40	497.10	96.00	206.20
1980	189.50	206.10	671.40	252.80	559.90	133.40	252.20
1981	146.70	196.20	224.10	123.60	108.20	90.30	156.10
1982--							
1st quarter	55.30	93.80	79.30	33.90	303.00	36.10	66.80
2d quarter	43.20	66.20	55.50	22.60	106.90	43.10	55.30
3d quarter	55.70	58.10	78.20	27.40	62.30	24.90	50.00
4th quarter	44.60	70.90	45.00	17.60	49.40	47.10	54.20
1982 average	50.00	66.90	72.00	27.80	70.30R	36.30	54.50
1983--							
1st quarter	75.70	84.60	149.30	37.80	109.60	72.20	85.10
2d quarter							
3d quarter							
4th quarter							
1983 average							

Source--Forest Service, U.S. Department of Agriculture. Pacific Southwest Region is the State of California.

¹Prices 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 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).

R = revised.

Table 44--Allowable annual cut and uncut volume under contract on Bureau of Land Management lands in Oregon, 1972-82¹

(In million board feet, Scribner log scale)

YEAR	ALLOWABLE CUT ²	UNCUT VOLUME UNDER CONTRACT	RATIO
1972	1,249	1,665	1.3
1973	1,196	1,390	1.2
1974	1,196	1,503	1.3
1975	1,196	1,838	1.5
1976	1,196	2,077	1.7
1977	1,183	2,066	1.7
1978	1,183	2,204	1.9
1979	1,133	2,224	2.0
1980	1,134	2,484	2.2
1981	1,120	2,608	2.3
1982	1,120	3,491	3.1

Source--Bureau of Land Management.

¹As of December 31 of each year.

²Includes an estimated 17.5 million board feet for eastern Oregon.

Table 45--Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83

YEAR AND QUARTER	COLVILLE ¹		OESCHUTES		FREMONT		GIFFORO PINCHOT		MALHEUR		MOUNT BAKER-SNOQUALMIE ²		MOUNT HOOD	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	23	84,440	0	--	0	--	0	--
1973	0	--	0	--	2	25,600	12	18,740	0	--	0	--	0	--
1974	4	30,100	0	--	4	46,300	33	172,615	1	650	8	26,860	11	63,527
1975	4	13,855	0	--	5	66,920	18	147,050	2	2,135	8	56,320	17	66,390
1976	1	2,263	0	--	1	15,200	7	68,250	0	--	2	8,350	4	10,658
1977	3	13,800	7	63,290	8	69,000	13	192,500	0	--	10	70,450	15	76,379
1978	4	43,500	0	--	1	357	15	161,500	0	--	0	--	20	83,836
1979	5	42,760	4	2,150	11	79,460	0	--	0	--	19	11,575	34	86,586
1980	2	20,400	3	2,032	6	44,360	16	113,140	0	--	18	6,763	44	26,525
1981	14	39,075	10	7,525	7	38,900	3	290	1	89	15	12,572	29	41,313
1982	10	38,460	9	9,580	8	13,440	18	30,920	0	--	12	4,400	31	16,246
1983--														
1st qtr.	1	400	0	--	2	8,900	2	10,020	1	545	3	8,470	4	1,230
2d qtr.														
3d qtr.														
4th qtr.														
1983 total														

YEAR AND QUARTER	OCHOCO		OKANOGAN		OLYMPIC		ROGUE RIVER		SISKIYOU		SIUSLAW		UMATILLA	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	8	32,897	0	--	0	--	8	26,356	11	198,116
1973	0	--	0	--	22	92,199	0	--	17	94,680	14	72,701	5	22,400
1974	0	--	3	19,000	12	78,990	28	98,752	12	52,775	34	174,471	11	74,710
1975	3	39,550	2	21,000	8	53,842	24	143,665	22	59,331	26	201,478	5	28,620
1976	3	19,270	2	9,300	5	45,579	18	46,254	7	22,335	17	118,763	6	23,110
1977	0	--	1	11,500	2	30,926	25	100,807	14	58,980	17	91,027	7	31,100
1978	5	34,300	0	--	6	44,615	47	171,251	13	62,300	39	231,303	0	--
1979	3	23,500	7	20,105	12	106,105	50	118,818	2	270	16	120,834	4	35,500
1980	1	7,700	2	10,600	12	69,100	31	123,125	7	29,510	7	45,137	3	18,200
1981	5	35,000	2	13,100	6	58,500	54	168,580	24	78,733	44	201,038	7	36,936
1982	3	1,100	3	15,750	4	1,860	26	85,272	33	45,719	44	94,808	1	150
1983--														
1st qtr.	0	--	0	--	1	140	2	990	4	25,440	6	904	2	5,400
2d qtr.														
3d qtr.														
4th qtr.														
1983 total														

YEAR AND QUARTER	UMPQUA		WALLOWA-WHITMAN		WENATCHEE		WILLAMETTE		WINEMA		ALL FORESTS	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	0	--	0	--	50	341,809
1973	0	--	8	77,400	0	--	7	58,510	5	22,460	92	484,690
1974	22	124,807	0	--	0	--	7	61,520	5	35,550	195	1,060,627
1975	29	146,668	0	--	2	17,400	10	137,810	9	69,600	194	1,271,634
1976	21	55,093	0	--	0	--	19	121,100	5	38,040	118	603,565
1977	29	128,705	0	--	0	--	48	174,585	8	35,110	207	1,148,159
1978	29	125,330	0	--	0	--	33	177,660	13	60,006	225	1,195,958
1979	35	169,212	0	--	5	23,100	53	146,366	6	59,050	266	1,045,391
1980	31	166,650	7	1,799	4	18,000	83	197,229	4	30,400	281	930,670
1981	49	119,185	16	79,375	9	41,760	63	137,827	8	69,900	366	1,179,698
1982	36	91,800	10	36,860	7	17,812	80	73,989	7	61,400	342	639,566
1983--												
1st qtr.	5	1,730	0	--	2	10,500	15	10,838	0	--	50	85,507
2d qtr.												
3d qtr.												
4th qtr.												
1983 total												

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

¹July 1, 1974, Colville National Forest in Washington became part of the Pacific Northwest Region.

²July 1, 1974, Snoqualmie National Forest was merged with the Mount Baker National Forest.

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, first quarter 1983. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 54 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), import/export (forest products), markets (external), economics (forestry business).

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Timber Resource Statistics for the Wood-Salcha Block, Tanana Inventory Unit, Alaska, 1975

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Abstract

Winterberger, Kenneth C. Timber resource statistics for the Wood-Salcha block, Tanana inventory unit, Alaska, 1975. Resour. Bull. PNW-107. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 34 p.

This statistical report on timber resources of the 4.1-million-acre Wood-Salcha block is the last of four reports on the 14-million-acre Tanana Valley inventory unit. Tables are provided for commercial and operable noncommercial forest land, total gross and net volumes, and annual net growth and mortality. Estimates for commercial forest land total 626,300 acres with 799,374,800 net cubic feet of growing stock volume. Estimates for the special operable noncommercial class total 94,400 acres with 117,812,500 net cubic feet of growing stock volume.

Keywords: Forest surveys, timber inventory, timber resources, resources (forest), statistics (forest), Alaska (Tanana Valley).

Summary

This report on the timber resources of the 4.1-million-acre Wood-Salcha block is the last of four on the 14-million-acre Tanana Valley inventory unit. The block is located to the south and east of Fairbanks, Alaska; its southern boundary lies just north of the Alaska Range. Statistics for the Fairbanks block are reported in Resource Bulletin PNW-59, for the Kantishna block in Resource Bulletin PNW-95, and for the Upper Tanana block in Resource Bulletin PNW-100.

Inventory fieldwork in the Wood-Salcha block was completed in 1975 through the cooperative efforts of the U.S. Department of the Interior, Bureau of Land Management; the U.S. Army; and the State of Alaska, Department of Natural Resources, Division of Lands. Estimates for forest area total 3,408,900 acres with 626,300 acres of commercial forest land and 94,400 acres in a special noncommercial class having a gross volume of 800 cubic feet or more per acre. Estimated net growing stock volume in these two forest land classes is 799,374,800 and 117,812,500 cubic feet, respectively. Although nearly 65 percent of the commercial forest land area is classed as hardwood types, the volume of softwood species makes up more than 50 percent of the total cubic-foot volume and nearly 90 percent of the board foot volume.

The inventory of the Wood-Salcha block was completed in 1975. Since then, land has been cleared for the Delta Agricultural Project, and several large fires have burned within the area. Statistics in this report do not account for either the acreage lost from the forest land base to agricultural conversion or the timber volume lost to fire or conversion.

Statistics for land ownership are not included in this report because of continuing uncertainty about land status changes associated with Alaska native and State of Alaska land selections and wilderness area withdrawals. These land status changes are the result of Federal legislation: the Alaska Statehood Act of 1958, public Law 85-508; the Alaska Native Claims Settlement Act of 1971, Public Law 92-203; and the Alaska National Interest Lands Conservation Act, Public Law 96-487. A resource analysis, with statistics on ownership, will be published in the future when the status of land shifts is more clear.

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Table 20-- Net volume of growing stock on operable noncommercial forest land, in cubic feet and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 21--Net volume of sawtimber on commercial forest land, in board feet International 1/4-inch rule and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 22--Net volume of sawtimber on operable noncommercial forest land, in board feet International 1/4-inch rule and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 23--Net volume of sawtimber on commercial forest land by species and log grade, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 24--Net volume of sawtimber on operable noncommercial forest land by species and log grade, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 25--Net annual growth of growing stock by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 26--Net annual growth of sawtimber by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 27--Annual mortality of growing stock by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 28--Annual mortality of sawtimber by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975.

Table 29--Annual mortality of growing stock by cause, forest land class, and by softwoods and hardwoods, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Table 30--Annual mortality of sawtimber by cause, forest land class, and by softwoods and hardwoods, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

Highlights

	<i>Thousand acres</i>	<i>Thousand hectares</i>
Total Wood-Salcha block area:	4,090.9	1 655.6
With forests	3,408.9	1 379.6
With nonforest	554.9	224.6
With non-Census water	49.7	20.1
With Census water	77.4	31.3
Forested area:		
Commercial forest land	626.3	253.5
Noncommercial forest land--		
800 cubic feet or more per acre	94.4	38.2
less than 800 cubic feet per acre	2,688.2	1 087.9
Commercial forest composition:		
Sawtimber	169.4	68.6
Poletimber	283.7	114.8
Seedlings and saplings	173.2	70.1
Nonstocked	--	--
Commercial forest land type:		
Black spruce	10.4	4.2
White spruce	212.7	86.1
Balsam poplar	19.4	7.9
Quaking aspen	125.2	50.6
Paper birch	258.6	104.7
Nonstocked	--	--

	<u>All</u>		<u>Sawtimber</u>	
	<u>Growing Stock</u>		<u>Growing Stock</u>	
	<i>Thousand cubic feet^{1/}</i>	<i>Thousand cubic meters^{1/}</i>	<i>Thousand board feet^{2/}</i>	<i>Thousand cubic meters^{3/}</i>
Volumes on commercial forest land:				
Total gross volume	846,145.4	23 945.9	2,099,136.5	10 943.7
Total net volume	799,374.8	22 622.3	2,005,400.2	10 485.8
Annual net growth	19,985.2	565.6	64,069.2	118.8
Annual net mortality	1,685.1	47.7	4,254.9	27.7

-- = no data.

^{1/}Volume of roundwood in live trees 5.0-inch d.b.h. and larger.

^{2/}Net volume, Internation 1/4-inch rule.

^{3/}Volume of roundwood for softwood trees 9.0-inch d.b.h. and larger and hardwood trees 11.0-inch d.b.h. and larger.

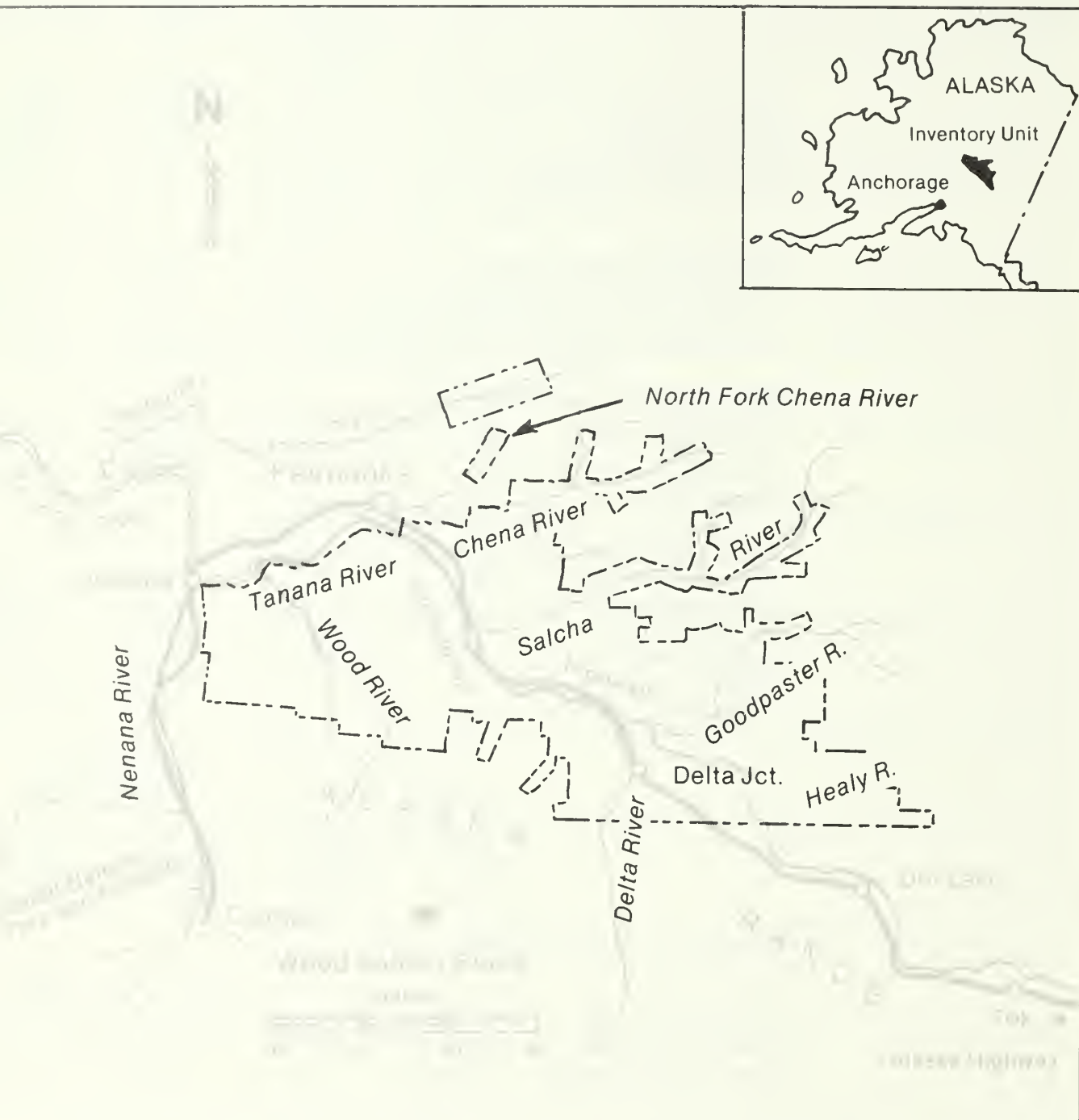


Figure 1.--The Wood-Salcha inventory block.

Introduction

Preparations for the Tanana forest inventory began in 1968 when a cooperatively funded contract was let for aerial photography of 11.3 million acres of the Tanana River valley, which, with 2.3 million acres previously photographed in the Fairbanks area, make up the 13.6-million-acre Tanana inventory unit. Cooperators were the Economic Development Administration (EDA), U.S. Department of Commerce; the Bureau of Indian Affairs (BIA) and Bureau of Land Management (BLM), U.S. Department of the Interior; and the Alaska Department of Natural Resources Division of Lands (DNR), State of Alaska. The intent was to inventory the valley as a unit, but poor flying weather and smoke haze slowed the photo project, so "blocks" within the Tanana unit were inventoried as photos became available.

This report, the last of four, is on the Wood-Salcha block, inventoried in 1975. Reports for the other three blocks of the Tanana inventory unit have been published: Fairbanks (Hegg 1975b), Kantishna (Hegg 1982), and Upper Tanana (Hegg 1983).

The statistics in this report on area, volume, growth, and mortality relate to the supply of wood available for local, regional, and national needs. These data are presented for the use of State planners, legislators, land and forest managers, forest industry, and other users of forest inventory data.

The Wood-Salcha block, located near Fairbanks, Alaska, is bounded on the south by the foothills of the Alaska Range, on the west by the Nenana River, and on the northwest by the Tanana River (fig. 1). The northeast boundary encompasses the timbered portions of the Chatanika and Chena River drainages not contained in the Fairbanks block. The eastern boundary encompasses the timbered portions of the drainages of Shaw Creek and the Salcha, Goodpaster, and Healy Rivers. Its southeast boundary lies adjacent to the Upper Tanana block near Dot Lake on the Alaska Highway.

Work on the Wood-Salcha block began in 1974 with photo interpretation of 15,403 one-acre photo points. Photo interpretation, ownership determination, and fieldwork preparation and completion were a cooperative effort of DNR, BLM, BIA, U.S. Army, and the Forestry Sciences Laboratory (Anchorage) of the Pacific Northwest Forest and Range Experiment Station. Supervision and editing of plot records were done by the Forestry Sciences Laboratory. Data processing was handled by the Pacific Northwest Forest and Range Experiment Station in Portland.

Forest Inventory and Analysis (FIA),^{4/} authorized by the McSweeney-McNary Act in 1928 and extended to Alaska in 1954, is a nationwide effort conducted at various locations to obtain information on forest lands- their extent, condition, volume, growth, and depletion. The first inventories of interior Alaska were begun in 1956 and completed in 1962 (Hutchison 1967). These were extensive inventories, and subsequently, areas with concentrations of commercial forest land have been defined for more intensive measurements. Areas where intensive inventories have been conducted and for which reports are available are: Susitna Valley (Hegg 1970); Norton Bay Indian Reservation;^{5/} Koyukuk River (Hegg 1974); Copper River (Hegg 1975a); Tuxedni Bay (Hegg 1979); Kuskokwim River (Hegg and Sieverding 1980); and the Fairbanks (Hegg 1975b), Kantishna (Hegg 1982), and Upper Tanana (Hegg 1983) blocks of the Tanana unit.

Inventory Procedures

The estimates of area and timber volumes are based on a double sampling procedure (Bickford 1952). Enough points to satisfy specific levels of statistical precision were systematically distributed over 1:15,840-scale aerial photographs of the Wood-Salcha block. A 1-acre photo plot surrounding each of these points was interpreted and classified by land type, forest type, and volume strata. A subsample was then drawn from all land types and reexamined on the photos. All points in the subsample that were originally classified as commercial forest land^{6/} as well as any other points questionably classified were visited on the ground.

For the Wood-Salcha block, we interpreted 15,403 photo points and reexamined 1,002 noncommercial and nonforest points. This reexamination was equivalent to a ground check and yielded 16 questionable points which, along with the 172 commercial forest and operable noncommercial points, totaled 188 locations actually checked on the ground. The ground plot was located at the exact point established on the photo. At each

^{4/}Forest Inventory and Analysis was originally named Forest Survey. The name was officially changed in 1975 to Renewable Resources Evaluation; it was last changed in 1982.

^{5/}Office report on file at the Bureau of Indian Affairs, Juneau, Alaska; 1973.

^{6/}For definition of this term and others, see the section "Terminology."

ground location a 10-point cluster of variable radius plots was measured.^{7/} A 40 basal-area factor gage was used to select sample trees at each point for detailed measurements of size and vigor.

Corrected area classifications and tree measurements made on these ground plots served as the basis for estimating the area and volumes presented in this report. The tables showing the estimates, however, depart from the standard FIA tables with the addition of a noncommercial forest category called "operable." During the initial inventory of interior Alaska, we found that much noncommercial forest land had a relatively high per-acre volume. When more intensive inventories were begun in the mid-1960's, we and our cooperators agreed that some of this noncommercial strata had potential value as a local commercial wood supply. By extrapolation, from cutting minimums of 3 cords per acre used in the Lake States and Canada, we established 9 cords or 800 cubic feet per acre as a prudent level for Alaska. This threefold increase in the minimum economic operating level should compensate for the higher production and shipping costs in Alaska.

The operable noncommercial areas presently have more than 800 gross cubic feet per acre in poletimber and sawtimber trees. The area and volume in this classification, although considered adequate for some cutting operations, should not be included in allowable cut computations. Future studies may show, through logging or other silvicultural practices, if these marginal sites can be managed as commercial forest land. None of the reported areas and volumes (whether classed as commercial or other) should be used in any calculation of an allowable cut without consideration of possible management and land use alternatives.

^{7/}Study plan and field manual are on file at the Forestry Sciences Laboratory, 2221 E. Northern Lights Blvd., Anchorage, AK 99504.

Reliability of Inventory Data

The reliability of the inventory data is expressed in terms of relative sampling errors at the 68-percent confidence level.

	Design sampling error	Sampling error achieved	Sampling error of total area or volume reported
	- - - - -Percent- - - - -		
Area:			
Commercial forest land, per million acres	3.0	3.2	±4.0
Noncommercial forest land, per million acres	10.0	5.0	±3.0
Volume:			
Commercial forest land, per billion cubic feet	6.0	6.3	±7.0
Commercial forest land, gross growth per billion cubic feet	5.0	1.0	±9.0

For the Wood-Salcha block, we reported 799.4 million cubic feet of growing stock volume, ± 7.0 percent, yielding 68-percent confidence limits of 743.5 and 855.3 million cubic feet. A 68-percent confidence level means that if repeated samples are taken of this population, the total volume will lie between 743.5 and 855.3 million cubic feet 68 percent of the time. We slightly exceeded our design sampling error for both commercial forest land area (3.0 percent per million acres) and commercial forest land volume (6.0 percent per billion cubic feet). Sampling errors for most of the tabular data in this report are available on request.

Terminology^{8/}

Allowable cut--The volume of timber that could be cut on commercial forest land during a given period under specified management plans for sustained production such as those in effect on National Forests.

Area condition class--Area condition class provides a general stratification of commercial forest land by management opportunity class as indicated by the stocking or area controlled by tree and cover class.

Commercial species--Trees presently or prospectively suitable for industrial products.

Cull--Portions of a tree unusable for industrial products because of rot, form, or other defect.

Cull trees--Live trees of sawtimber or poletimber size unmerchantable for saw logs now or prospectively because of defect, rot, or species.

Rough trees--Live trees of 5.0-inch d.b.h. and larger that do not contain a saw log now or prospectively, primarily because of roughness, poor form, or because they are a non-commercial species.

Rotten trees--Live trees of 5.0-inch d.b.h. and larger that do not contain a saw log now or prospectively, primarily because of rot.

Forest land--Land at least 16.7 percent stocked by forest trees of any size, or formerly having such tree cover, and not currently developed for nonforest use.

Commercial forest land--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization. Areas qualifying as commercial forest land have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood under management.

Noncommercial forest land--Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions (producing less than 20 cubic feet per acre per year) and productive forest land withdrawn from commercial timber use through statute or administrative regulation.

^{8/} Terminology and definitions are from the USDA Forest Service Handbook, Title 4813.1, 1967, unless otherwise noted.

Noncommercial operable--noncommercial forest land with a gross volume of 800 cubic feet or more per acre.

Noncommercial inoperable--noncommercial forest land with a gross volume of less than 800 cubic feet per acre.

Forest type--A classification of forest land based on the species forming a plurality of the live tree stocking.

Black spruce--Forests in which a plurality of the stand is black spruce. Black spruce most often occurs in nearly pure stands but can be found mixed with tamarack, white spruce, paper birch, and aspen. Black spruce is fairly characteristic of poorer quality forest land.

White spruce--Forests in which a plurality of the stand is white spruce. Common associates include paper birch and balsam poplar, and occasionally black spruce or quaking aspen.

Tamarack--Forests in which a plurality of the stand is tamarack. Tamarack rarely occurs as a pure type; it is more often an associated species in the black spruce type.

Balsam poplar--Forests in which a plurality of the stand is balsam poplar. Balsam poplar is usually found in nearly pure stands; occasional associates are white spruce or paper birch. As the poplar ages it is usually replaced by white spruce. South of Alaska Range balsam poplar may be replaced by black cottonwood or hybrids between the two.

Black cottonwood--Forests in which a plurality of the stand is black cottonwood. Black cottonwood is found south of the Alaska Range in pure stands along the major rivers. It hybridizes extensively with balsam poplar where their ranges overlap; in this overlap area types are not distinguished by species but are usually reported as cottonwood/poplar. Black cottonwood stands are replaced by white spruce as they age, and the pure stands contain only an occasional white spruce or paper birch.

Paper birch--Forests in which a plurality of the stand is paper birch. Paper birch can occur in pure stands but is more often mixed with white spruce, quaking aspen, or black spruce.

Quaking aspen--Forests in which a plurality of the stand is aspen. Aspen is usually found as a pure type following fire and the willow stage of succession. As the aspen ages it is usually replaced by spruce, except on very dry sites where it may remain as a pure type. Common associates include black spruce, white spruce, and occasionally paper birch.

Growing stock trees--Sawtimber trees, poletimber trees, saplings, and seedlings; that is, all live trees except cull trees.

Desirable trees--Growing stock trees with no serious defects in quality limiting present or prospective use, relatively high vigor, and hosting no pathogens that could result in death or serious deterioration before rotation age. They include the type of trees forest managers aim to grow; that is, the trees left in silvicultural cutting or favored in cultural operations.

Acceptable trees--Trees meeting the specifications for growing stock but not qualifying as desirable.

Hardwoods--Dicotyledonous trees, usually broad leaved and deciduous. hardwood species in interior Alaska are paper birch, quaking aspen, black cottonwood, and balsam poplar.

Inhibiting vegetation--Cover sufficiently dense to prevent establishment of tree seedlings.

International 1/4-inch rule--A rule used to determine the tree volume in board feet (Bruce and Schumacher 1950).

Land area--The area of dry land and land temporarily or partly covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than 120 feet wide; and lakes, reservoirs, and ponds less than 1 acre in area.

Log grades--a classification of logs based on external characteristics as indicators of quality or value.

Mean annual increment (MAI)--A measure of the volume of wood, in cubic feet, produced on 1 acre during 1 year. FIA minimum standard for commercial forest land is the ability to produce 20 cubic feet per acre per year.

Mortality--Number or sound-wood volume of live trees dying from natural causes during a 5-year period.

Net annual growth of growing stock--The annual change in volume of sound wood in live sawtimber and poletimber trees.

Net annual growth of sawtimber--The annual change in net board-foot volume of live sawtimber trees.

Net volume--The gross volume of a tree less deductions for rot, sweep, or other defect affecting product use.

Growing stock volume--The net volume of sound wood in the bole of growing stock trees 5.0-inch d.b.h. and larger, from stump to a minimum top diameter of 4.0 inches outside bark or to the point where the central stem breaks into limbs.

Noncommercial species--Tree species of typically small size, poor form, or inferior quality which normally do not develop into trees suitable for industrial products.

Nonforest land--Land that does not qualify as forest land. Includes land that has never supported forests and lands formerly forested where forest use is precluded by development for nonforest uses, such as crops, improved pasture, residential areas, and city parks. Also includes improved roads and certain areas of water classified by the Bureau of Census as land. Unimproved roads, streams, canals, and nonforest strips in forest areas must be more than 120 feet wide, and clearings in forest areas must be more than 1 acre in size to qualify as nonforest land.

Nonstockable land--Areas of forest land not capable of supporting forest growth because of rock, water, etc.

Rotten cull trees--Live trees of 5.0-inch and larger d.b.h. that do not contain a saw log now or prospectively, primarily because of rot.

Salvable dead trees--Standing dead trees that are considered currently or potentially merchantable by regional standards. A poletimber tree must be more than one half sound; a sawtimber tree more than one third sound (board measure).

Saw log--A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum small end diameter inside bark of 6 inches for softwoods (8 inches for hardwoods).

Saw-log portion--That part of the bole of sawtimber trees between the stump and the saw log top.

Saw-log top--The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum sawlog top is 7.0-inch d.o.b. (diameter outside bark) for softwoods and 9.0-inch d.o.b. for hardwoods.

Site class--A classification of forest land by its capacity to grow crops of industrial wood.

Softwoods--Needle leaved trees, usually evergreen. Interior Alaska species are white and black spruce and tamarack.

Stocking--The degree of occupancy of land by trees, measured by basal area and/or the number of trees in a stand by size or age and spacing, compared with the basal area or number of trees required to fully utilize the growth potential of the land; that is, the stocking standard.

Overstocked areas--Areas where growth of trees is significantly reduced by excessive numbers of trees.

Nonstocked areas--Commercial forest lands less than 16.7 percent stocked with growing stock trees.

Stand size class--A classification of forest land based on size of the growing stock present; that is, sawtimber, poletimber, or saplings and seedlings.

Sawtimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of total stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Poletimber stands--Stands at least 16.7 percent stocked with growing stock trees of which half or more of this stocking is in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Seedling-sapling stands--stands at least 16.7 percent stocked with growing stock trees of which more than half of the stocking is seedlings and saplings.

Tree-size class--A classification based on the diameter of the tree at breast height (4-1/2 feet above the ground on the uphill side of the tree).

Sawtimber-size tree--Softwood tree of 9.0-inch d.b.h. and larger. Hardwood tree of 11.0-inch d.b.h. and larger.

Poletimber-size tree--Softwood tree of 5.0- to 8.9-inch d.b.h. Hardwood tree of 5.0- to 10.9-inch d.b.h.

Sapling-size tree--A tree of 1.0- to 4.9-inch d.b.h.

Seedling-size tree--An established tree of less than 1.0-inch d.b.h.

Upper-stem portion--That part of the main stem or fork of saw-timber trees above the saw-log top to a minimum top diameter of 4.0-inch outside bark or to the point where the main stem or fork breaks into limbs.

Water--Bureau of the Census definition: Streams, sloughs, estuaries, and canals more than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds more than 40 acres in area. FIA definition: The same as the Bureau of the Census definition, except minimum width of streams, etc., is 120 feet and minimum size of lakes, etc., is 1 acre.

Names of Trees

Pine family:

Black spruce	<i>Picea mariana</i> (Mill.) B.S.P.
White spruce	<i>Picea glauca</i> (Moench) Voss

Willow family:

Balsam poplar	<i>Populus balsamifera</i> L.
Quaking aspen	<i>Populus tremuloides</i> Michx.

Birch family:

Paper birch	<i>Betula papyrifera</i> Marsh.
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A number of other trees or plants with treelike stature were found in the Wood-Salcha inventory block: 10 members of the willow family, 2 members of the birch family (alders), and 1 member of the rose family (Green mountain ash). Because they are considered noncommercial species, these trees and plants were not inventoried.

One member of the pine family, tamarack (*Larix laricina* (DuRoi) K. Koch), although regarded as a "commercial tree species" in the 1975 inventory, was not tallied in the sample of 188 ground plots. It is, however, fairly common as an associated species in the black spruce type and occasionally occurs as a pure type in small stands in the Wood-Salcha block, especially in that area of the block south of the Tanana River.

⁹/The source for scientific names and distribution is Viereck and Little (1975). The trees listed in this tabulation are commercial species.

Tables

Estimates in this report are developed from statistically based samples and therefore are subject to sampling error. Sampling errors are presented in the section "Reliability of Inventory Data."

Table 1--Area by land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

LAND CLASS	THOUSAND ACRES
FOREST LAND:	
COMMERCIAL	626.3
NONCOMMERCIAL--	
OPERABLE	94.4
INOPERABLE	2,688.2
	<hr/>
TOTAL	3,408.9
NONFOREST LAND ^{1/}	604.6
	<hr/>
ALL LANDS	4,013.5
CENSUS WATER	77.4
	<hr/>
TOTAL AREA	4,090.9

Estimates are subject to sampling error.

^{1/}Includes swampland, industrial and urban areas, other nonforest land, and 49,732 acres classified as water by Forest Inventory and Analysis standards but defined by the Bureau of the Census as land.

Table 2--Area of commercial and operable noncommercial forest land by stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

STAND SIZE CLASS	FOREST LAND		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
	<i>THOUSAND ACRES</i>		
SAWTIMBER STANDS	169.4	23.1	192.5
POLETIMBER STANDS	283.7	71.3	355.0
SEEDLING AND SAPLING STANDS	173.2	--	173.2
NONSTOCKED AREAS	--	--	--
ALL CLASSES	626.3	94.4	720.7

Estimates are subject to sampling error.

-- = no data.

Table 3--Area of commercial and operable noncommercial forest land by stand volume class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

STAND VOLUME	FOREST LAND		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
	<i>THOUSAND ACRES</i>		
<i>BOARD FEET PER ACRE ^{1/}</i>			
0-799	262.2	29.9	292.1
800-1,499	42.8	20.8	63.6
1,500-2,999	101.1	13.6	114.7
3,000-4,999	62.9	10.0	72.9
5,000-6,999	54.2	13.6	67.8
7,000 AND OVER	103.1	6.5	109.6
ALL CLASSES	626.3	94.4	720.7

Estimates are subject to sampling error.

^{1/}Net volume, International 1/4-inch rule.

Table 4--Area of commercial and operable noncommercial forest land by stand volume and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

STAND VOLUME CLASS	STAND SIZE CLASS				TOTAL
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
	THOUSAND ACRES				
0-299	--	114.4	3.6	--	118.0
300-799	--	42.6	68.5	13.7	124.8
800-1,499	--	16.2	162.9	35.5	214.6
1,500-2,199	--	--	86.6	65.8	152.4
2,200 AND OVER	--	--	33.4	77.5	110.9
ALL CLASSES	--	173.2	355.0	192.5	720.7

Estimates are subject to sampling error.

-- = no data.

Table 5--Area of commercial forest land by area condition class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

CODE	AREA CONDITION CLASS	THOUSAND ACRES
10	Areas 100 percent or more stocked with desirable trees and not overstocked.	6.5
20	Areas 100 percent or more stocked with desirable trees and overstocked.	55.9
30	Areas 60 to 100 percent stocked with desirable trees and with less than 30 percent of the area controlled by acceptable growing stock trees, cull trees, inhibiting vegetation, slash, or nonstockable conditions.	9.7
40	Areas 60 to 100 percent stocked with desirable trees and with 30 percent or more of the area controlled by other trees (or overstocked areas) or conditions that ordinarily prevent occupancy by desirable trees.	95.1
50	Areas less than 60 percent stocked with desirable trees but with 100 percent or more stocking with growing stock trees.	248.1
60	Areas less than 60 percent stocked with desirable trees but with 60-to 100-percent stocking with growing stock trees.	177.6
70	Areas less than 60 percent stocked with desirable trees and with less than 60-percent stocking with growing stock trees.	33.4
	ALL CLASSES	626.3

Estimates are subject to sampling error.

Table 6--Area of commercial forest land by site class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SITE CLASS	THOUSAND ACRES
<i>CUBIC FEET</i>	
85 OR MORE ^{1/}	--
50-85	--
LESS THAN 50	626.3
ALL CLASSES	626.3

Estimates are subject to sampling error.

-- = no data.

^{1/}Potential yield, mean annual increment.

Table 7--Area of commercial and noncommercial forest land by forest type, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

FOREST TYPE	COMMERCIAL FOREST LAND	NONCOMMERCIAL FOREST LAND		TOTAL
		OPERABLE	INOPERABLE	
<i>THOUSAND ACRES</i>				
BALSAM POPLAR	19.4	--	31.9	51.3
BLACK SPRUCE	10.4	20.5	1877.5	1908.4
WHITE SPRUCE	212.7	50.5	329.7	592.9
PAPER BIRCH	258.6	13.0	357.0	628.6
QUAKING ASPEN	125.2	10.4	92.1	227.7
NONSTOCKED	--	--	--	--
ALL TYPES	626.3	94.4	2,688.2	3,408.9

Estimates are subject to sampling error.

-- = no data.

Table 8--Area of commercial forest land by stand age and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

STAND AGE	STAND SIZE CLASS				ALL CLASSES
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>YEARS</i>		<i>THOUSAND ACRES</i>			
1-10	--	19.4	--	--	19.4
10-20	--	16.5	--	--	16.5
20-30	--	29.0	--	3.2	32.2
30-40	--	69.1	13.3	--	82.4
40-50	--	19.7	22.8	--	42.5
50-60	--	6.5	29.1	--	35.6
60-70	--	--	49.9	7.2	57.1
70-80	--	6.5	40.2	19.7	66.4
80-90	--	--	16.2	10.1	26.3
90-100	--	--	36.0	25.8	61.8
100-120	--	--	49.7	32.1	81.8
120-140	--	--	16.5	39.6	56.1
140-160	--	--	6.8	9.2	16.0
160-180	--	--	--	3.2	3.2
180-200	--	--	--	6.5	6.5
200-300	--	--	--	12.8	12.8
300 AND OVER	--	--	--	--	--
MIXED AGES	--	6.5	3.2	--	9.7
ALL AGES	--	173.2	283.7	169.4	626.3

Estimates are subject to sampling error.

-- = no data.

Table 9--Area of operable noncommercial forest land by stand age and stand size class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

STAND AGE	STAND SIZE CLASS				TOTAL
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>YEARS</i>	<i>THOUSAND ACRES</i>				
1-10	--	--	--	--	--
10-20	--	--	--	--	--
20-30	--	--	--	--	--
30-40	--	--	--	--	--
40-50	--	--	--	--	--
50-60	--	--	3.3	--	3.3
60-70	--	--	3.2	--	3.2
70-80	--	--	3.2	--	3.2
80-90	--	--	3.2	--	3.2
90-100	--	--	3.6	--	3.6
100-120	--	--	24.0	3.2	27.2
120-140	--	--	20.4	6.5	26.9
140-160	--	--	--	3.3	3.3
160-180	--	--	3.2	6.5	9.7
180-200	--	--	3.6	--	3.6
200-300	--	--	--	3.6	3.6
300 AND OVER	--	--	--	--	--
MIXED AGES	--	--	3.6	--	3.6
ALL AGES	--	--	71.3	23.1	94.4

Estimates are subject to sampling error.

-- = no data.

Table 10--Number of growing stock trees on commercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	BALSAM POPLAR	BLACK SPRUCE	PAPER BIRCH	QUAKING ASPEN	WHITE SPRUCE	ALL SPECIES
<i>INCHES AT BREAST HEIGHT</i>						
<i>THOUSAND TREES</i>						
1.0-2.9	3,052.5	--	96,068.8	36,601.8	41,432.6	177,155.7
3.0-4.9	1,726.8	--	51,022.0	25,938.7	21,390.6	100,078.1
5.0-6.9	2,776.8	2,266.5	23,235.2	17,306.0	13,875.6	59,460.1
7.0-8.9	1,785.4	1,047.9	13,922.2	6,536.4	11,170.4	34,462.3
9.0-10.9	1,126.2	82.2	6,412.9	1,657.0	8,153.4	17,431.7
11.0-12.9	453.2	18.1	1,781.5	443.4	4,554.4	7,250.6
13.0-14.9	128.4	--	355.5	130.9	2,499.0	3,113.8
15.0-16.9	27.0	--	77.8	82.1	942.2	1,129.1
17.0-18.9	--	--	14.6	15.6	417.2	447.4
19.0-20.9	--	--	--	--	87.0	87.0
21.0-28.9	--	--	--	--	38.0	38.0
29 AND OVER	--	--	--	--	--	--
ALL CLASSES	11,076.3	3,414.7	192,890.5	88,711.9	104,560.4	400,653.8

Estimates are subject to sampling error.

-- = no data.

Table 11--Number of growing stock trees 5.0-inch d.b.h. and larger on commercial and operable noncommercial forest land by 5-foot height class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

5-FOOT HEIGHT CLASS	BALSAM POPLAR	BLACK SPRUCE	PAPER BIRCH	QUAKING ASPEN	WHITE SPRUCE	ALL SPECIES
<i>THOUSAND TREES</i>						
0-30	726.3	508.8	1,065.6	839.4	2,715.6	5,855.7
31-35	437.6	1,476.2	2,185.2	1,380.0	4,007.4	9,486.4
36-40	1,236.1	1,392.5	5,269.2	3,662.7	6,162.9	17,723.4
41-45	1,084.4	1,933.6	9,430.4	4,373.9	7,519.9	24,342.2
46-50	1,334.3	1,529.1	10,474.2	7,353.0	8,214.5	28,905.1
51-55	705.3	610.0	9,004.0	4,233.7	6,920.2	21,473.2
56-60	540.1	449.8	7,464.6	3,857.0	5,680.5	17,992.0
61-65	194.3	121.9	4,066.4	1,836.4	4,347.5	10,566.5
66-70	70.9	--	1,452.4	832.0	3,591.4	5,946.7
71-75	--	--	384.3	115.6	2,481.1	2,981.0
76-80	--	--	193.7	59.4	1,433.2	1,686.3
81-85	--	--	--	--	1,005.1	1,005.1
86-90	--	--	19.7	--	500.6	520.3
91-95	--	--	--	--	237.6	237.6
96-100	--	--	--	--	123.6	123.6
101 AND OVER	--	--	--	--	91.7	91.7
ALL CLASSES	6,329.3	8,021.9	51,009.7	28,543.1	55,032.8	148,936.8

Estimates are subject to sampling error.

-- = no data.

Table 12--Net volume of timber on commercial and operable noncommercial forest land by class of timber and by softwoods and hardwoods, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

CLASS OF TIMBER	COMMERCIAL FOREST LAND			OPERABLE NONCOMMERCIAL FOREST LAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
	<i>MILLION CUBIC FEET</i>					
SAWTIMBER TREES:						
SAW-LOG PORTION	295.7	39.2	334.9	35.2	0.6	35.8
UPPER-STEM PORTION	24.0	11.6	35.6	3.8	.2	4.0
TOTAL	319.7	50.8	370.5	39.0	.8	39.8
POLETIMBER TREES	115.6	313.3	428.9	50.8	27.3	78.1
ALL GROWING STOCK TREES	435.3	364.1	799.4	89.8	28.1	117.9
ROUGH TREES	.4	1.3	1.7	.7	--	.7
ROTTEN TREES	1.2	4.0	5.2	--	.9	.9
SALVABLE TREES	10.5	1.6	12.1	.5	--	.5
ALL TIMBER	447.4	371.0	818.4	91.0	29.0	120.0

Estimates are subject to sampling error.

-- = no data.

Table 13--Net volume of growing stock on commercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
	<i>MILLION CUBIC FEET</i>							
INCHES AT BREAST HEIGHT								
5.0-6.9	5.1	35.4	40.5	4.6	55.3	44.2	104.1	144.6
7.0-8.9	5.7	69.4	75.1	7.3	81.0	36.4	124.7	199.8
9.0-10.9	.8	96.0	96.8	7.4	61.8	15.3	84.5	181.3
11.0-12.9	.2	85.9	86.1	4.8	23.4	7.3	35.5	121.6
13.0-14.9	--	69.8	69.8	1.8	5.9	2.5	10.2	80.0
15.0-16.9	--	36.1	36.1	.6	1.8	1.9	4.3	40.4
17.0-18.9	--	21.8	21.8	--	.3	.5	.8	22.6
19.0-20.9	--	5.6	5.6	--	--	--	--	5.6
21.0-28.9	--	3.5	3.5	--	--	--	--	3.5
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	11.8	423.5	435.3	26.5	229.5	108.1	364.1	799.4

Estimates are subject to sampling error.

-- = no data.

Table 14--Net volume of growing stock on commercial and operable noncommercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS			TOTAL	ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN		
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION CUBIC FEET</i>						
5.0-6.9	12.8	49.8	62.6	4.6	60.3	48.3	113.2	175.8
7.0-8.9	13.1	90.7	103.8	7.3	90.1	39.4	136.9	240.7
9.0-10.9	1.3	115.0	116.3	7.5	66.0	17.0	90.5	206.8
11.0-12.9	.5	99.8	100.3	4.8	23.9	7.7	36.4	136.7
13.0-14.9	--	73.9	73.9	1.7	5.9	2.6	10.1	84.0
15.0-16.9	--	37.2	37.2	.6	1.8	1.9	4.3	41.5
17.0-18.9	--	21.8	21.8	--	.3	.5	.8	22.6
19.0-20.9	--	5.6	5.6	--	--	--	--	5.6
21.0-28.9	--	3.5	3.5	--	--	--	--	3.5
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	27.7	497.3	525.0	26.5	248.3	117.4	392.2	917.2

Estimates are subject to sampling error.

-- = no data.

Table 15--Net volume of sawtimber on commercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS			TOTAL	ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN		
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
9.0-10.9	4.5	510.9	515.4	0	0	0	0	515.4
11.0-12.9	1.3	475.2	476.5	13.7	99.7	31.1	144.5	621.0
13.0-14.9	--	401.2	401.2	6.5	26.5	11.4	44.4	445.6
15.0-16.9	--	211.4	211.4	3.0	9.8	8.7	21.5	232.9
17.0-18.9	--	129.9	129.9	--	1.5	2.8	4.3	134.2
19.0-20.9	--	34.1	34.1	--	--	--	--	34.1
21.0-28.9	--	22.2	22.2	--	--	--	--	22.2
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	5.8	1,784.9	1,790.7	23.2	137.5	54.0	214.7	2,005.4

Estimates are subject to sampling error.

-- = no data.

Table 16--Net volume of sawtimber on commercial and operable noncommercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS			TOTAL	ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN		
<i>INCHES AT BREAST HEIGHT</i>								
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>								
9.0-10.9	7.4	618.8	626.2	0	0	0	0	626.2
11.0-12.9	3.0	553.0	556.0	13.7	102.0	32.5	148.2	704.2
13.0-14.9	--	424.3	424.3	6.5	26.4	11.4	44.3	468.6
15.0-16.9	--	217.4	217.4	3.0	9.8	8.7	21.5	238.9
17.0-18.9	--	129.9	129.9	--	1.5	2.8	4.3	134.2
19.0-20.9	--	34.1	34.1	--	--	--	--	34.1
21.0-28.9	--	22.2	22.2	--	--	--	--	22.2
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	10.4	1,999.7	2,010.1	23.2	139.7	55.4	218.3	2,228.4

Estimates are subject to sampling error.

-- = no data.

Table 17--Gross volume of sawtimber on commercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS			TOTAL	ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN		
<i>INCHES AT BREAST HEIGHT</i>								
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>								
9.0-10.9	4.5	517.2	521.7	0	0	0	0	521.7
11.0-12.9	1.3	483.7	485.0	16.0	125.8	33.6	175.4	660.4
13.0-14.9	--	411.0	411.0	8.0	37.9	14.0	59.9	470.9
15.0-16.9	--	217.7	217.7	3.5	12.7	11.6	27.8	245.5
17.0-18.9	--	136.4	136.4	--	2.7	3.4	6.1	142.5
19.0-20.9	--	35.9	35.9	--	--	--	--	35.9
21.0-28.9	--	22.2	22.2	--	--	--	--	22.2
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	5.8	1,824.1	1,829.9	27.5	179.1	62.6	269.2	2,099.1

Estimates are subject to sampling error.

-- = no data.

Table 18- Gross volume of sawtimber on commercial and operable noncommercial forest land by diameter class and species, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREST HEIGHT</i>								
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>								
9.0-10.9	7.4	627.9	635.3	0.0	0.0	0.0	0.0	635.3
11.0-12.9	3.0	565.3	568.3	16.0	128.7	35.0	179.7	748.0
13.0-14.9	--	436.1	436.1	8.0	37.9	14.0	59.9	496.0
15.0-16.9	--	223.8	223.8	3.5	12.7	11.6	27.8	251.6
17.0-18.9	--	136.4	136.4	--	2.7	3.4	6.1	142.5
19.0-20.9	--	35.9	35.9	--	--	--	--	35.9
21.0-28.9	--	22.2	22.2	--	--	--	--	22.2
29.0 AND OVER	--	--	--	--	--	--	--	--
ALL CLASSES	10.4	2,047.6	2,058.0	27.5	182.0	64.0	273.5	2,331.5

Estimates are subject to sampling error.

-- = no data.

Table 19--Net volume of growing stock on commercial forest land, in cubic feet and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, 1975

FOREST TYPE AND UNIT	STAND SIZE CLASS				ALL CLASSES
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
BLACK SPRUCE:					
FT ³	--	--	13,143,685	--	13,143,685
ACRES	--	--	10,397	--	10,397
FT ³ /ACRE	--	--	1,264	--	1,264
WHITE SPRUCE:					
FT ³	--	9,530,162	90,934,738	301,518,475	401,983,375
ACRES	--	19,366	63,054	130,299	212,719
FT ³ /ACRE	--	492	1,442	2,314	1,890
BALSAM POPLAR:					
FT ³	--	1,922,974	13,523,050	--	15,446,024
ACRES	--	6,448	12,964	--	19,412
FT ³ /ACRE	--	298	1,043	--	796
QUAKING ASPEN:					
FT ³	--	13,893,986	82,096,489	12,588,832	108,579,307
ACRES	--	55,875	62,455	6,808	125,138
FT ³ /ACRE	--	249	1,314	1,850	868
PAPER BIRCH:					
FT ³	--	20,595,574	189,602,579	50,024,292	260,222,446
ACRES	--	91,465	134,837	32,303	258,605
FT ³ /ACRE	--	225	1,406	1,549	1,006
ALL TYPES:					
FT ³	--	45,942,696	389,300,541	364,131,599	799,374,836
ACRES	--	173,154	283,707	169,410	626,271
FT ³ /ACRE	--	265	1,372	2,149	1,276

Estimates are subject to sampling error.

-- = no data.

Table 20--Net volume of growing stock on operable noncommercial forest land, in cubic feet and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, 1975

FOREST TYPE AND UNIT	STAND SIZE CLASS				ALL CLASSES
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
BLACK SPRUCE:					
FT ³	--	--	21,138,965	--	21,138,965
ACRES	--	--	20,458	--	20,458
FT ³ /ACRE	--	--	1,033	--	1,033
WHITE SPRUCE:					
FT ³	--	--	37,136,342	37,545,156	74,681,498
ACRES	--	--	27,527	23,024	50,551
FT ³ /ACRE	--	--	1,349	1,631	1,477
BALSAM POPLAR:					
FT ³	--	--	--	--	--
ACRES	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--
QUAKING ASPEN:					
FT ³	--	--	10,979,111	--	10,979,111
ACRES	--	--	10,397	--	10,397
FT ³ /ACRE	--	--	1,056	--	1,056
PAPER BIRCH:					
FT ³	--	--	11,012,895	--	11,012,895
ACRES	--	--	12,964	--	12,964
FT ³ /ACRE	--	--	849	--	849
ALL TYPES:					
FT ³	--	--	80,267,313	37,545,156	117,812,469
ACRES	--	--	71,346	23,024	94,370
FT ³ /ACRE	--	--	1,125	1,631	1,248

Estimates are subject to sampling error.

-- = no data.

Table 21--Net volume of sawtimber on commercial forest land, in board feet International 1/4-inch rule and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, 1975

FOREST TYPE AND UNIT	STAND SIZE CLASS				ALL CLASSES
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
BLACK SPRUCE:					
FBM ^{1/}	--	--	27,283,619	--	27,283,619
ACRES	--	--	10,397	--	10,397
FBM/ACRE	--	--	2,624	--	2,624
WHITE SPRUCE:					
FBM	--	27,572,211	213,727,653	1,225,819,132	1,467,118,996
ACRES	--	19,366	63,054	130,299	212,719
FBM/ACRE	--	1,424	3,390	9,408	6,897
BALSAM POPLAR:					
FBM	--	489,069	17,224,959	--	17,714,028
ACRES	--	6,448	12,964	--	19,412
FBM/ACRE	--	76	1,329	--	913
QUAKING ASPEN:					
FBM	--	2,904,111	41,285,426	41,742,854	85,932,390
ACRES	--	55,875	62,455	6,808	125,138
FBM/ACRE	--	52	661	6,131	687
PAPER BIRCH:					
FBM	--	19,621,778	243,237,759	144,491,580	407,351,117
ACRES	--	91,465	134,837	32,303	258,605
FBM/ACRE	--	215	1,804	4,473	1,575
ALL TYPES:					
FBM	--	50,587,169	542,759,416	1,412,053,566	2,005,400,150
ACRES	--	173,154	283,707	169,410	626,271
FBM/ACRE	--	292	1,913	8,335	3,202

Estimates are subject to sampling error.

-- = no data.

^{1/}FBM = board-foot measure, International 1/4-inch rule.

Table 22--Net volume of sawtimber on operable noncommercial forest land, in board feet International 1/4-inch rule and volume per acre, by forest type and stand size class, Wood-Salcha block, Tanana inventory unit, 1975

FOREST TYPE AND UNIT	STAND SIZE CLASS				ALL CLASSES
	NONSTOCKED	SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
BLACK SPRUCE:					
FBM ^{1/}	--	--	9,446,735	--	9,446,735
ACRES	--	--	20,458	--	20,458
FBM/ACRE	--	--	462	--	462
WHITE SPRUCE:					
FBM	--	--	66,199,715	139,383,881	205,583,596
ACRES	--	--	27,527	23,024	50,551
FBM/ACRE	--	--	2,405	6,054	4,067
BALSAM POPLAR:					
FBM	--	--	--	--	--
ACRES	--	--	--	--	--
FBM/ACRE	--	--	--	--	--
QUAKING ASPEN:					
FBM	--	--	6,777,493	--	6,777,493
ACRES	--	--	10,397	--	10,397
FBM/ACRE	--	--	652	--	652
PAPER BIRCH:					
FBM	--	--	1,199,300	--	1,199,300
ACRES	--	--	12,964	--	12,964
FBM/ACRE	--	--	93	--	93
ALL TYPES:					
FBM	--	--	83,623,243	139,383,881	223,007,124
ACRES	--	--	71,346	23,024	94,370
FBM/ACRE	--	--	1,172	6,054	2,363

Estimates are subject to sampling error.

-- = no data.

^{1/}FBM = board-foot measure, International 1/4-inch rule.

Table 23--Net volume of sawtimber on commercial forest land by species and log grade, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	LOG GRADE ^{1/}				TOTAL
	1	2	3	4 ^{2/}	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
SOFTWOODS:					
BLACK SPRUCE	--	--	5.8	--	5.8
WHITE SPRUCE	0.8	48.2	1,500.4	235.5	1,784.9
TOTAL	.8	48.2	1,506.2	235.5	1,790.7
HARDWOODS:					
BALSAM POPLAR	--	5.2	15.1	2.9	23.2
PAPER BIRCH	--	11.7	95.7	30.2	137.6
QUAKING ASPEN	1.0	7.7	38.5	6.7	53.9
TOTAL	1.0	24.6	149.3	39.8	214.7
ALL SPECIES	1.8	72.8	1,655.5	275.3	2,005.4

Estimates are subject to sampling error.

-- = no data.

^{1/}Forest Products Laboratory (1959), and Northern Hemlock and Hardwood Manufacturers Association (1959).

^{2/}Logs for local use.

Table 24--Net volume of sawtimber on operable noncommercial forest land by species and log grade, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	LOG GRADE ^{1/}				TOTAL
	1	2	3	4 ^{2/}	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
SOFTWOODS:					
BLACK SPRUCE	--	--	4.0	0.5	4.5
WHITE SPRUCE	--	1.9	167.1	45.8	214.8
TOTAL	--	1.9	171.1	46.3	219.3
HARDWOODS:					
BALSAM POPLAR	--	--	--	--	--
PAPER BIRCH	--	.7	.9	.6	2.2
QUAKING ASPEN	--	--	.9	.6	1.5
TOTAL	--	.7	1.8	1.2	3.7
ALL SPECIES	--	2.6	172.9	47.5	223.0

Estimates are subject to sampling error.

-- = no data.

^{1/}Forest Products Laboratory (1959), and Northern Hemlock and Hardwood Manufacturers Association (1959).

^{2/}Logs for local use.

Table 25--Net annual growth of growing stock by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	FOREST LAND CLASS		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
<i>THOUSAND CUBIC FEET</i>			
SOFTWOODS:			
BLACK SPRUCE	339.0	563.0	902.0
WHITE SPRUCE	7,141.6	1,255.3	8,396.9
TOTAL	7,480.6	1,818.3	9,298.9
HARDWOODS:			
BALSAM POPLAR	493.5	.8	494.3
PAPER BIRCH	6,447.5	378.8	6,826.3
QUAKING ASPEN	5,563.6	158.0	5,721.6
TOTAL	12,504.6	537.6	13,042.2
ALL SPECIES	19,985.2	2,355.9	22,341.1

Estimates are subject to sampling error.

Table 26--Net annual growth of sawtimber by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	FOREST LAND CLASS		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>			
SOFTWOODS:			
BLACK SPRUCE	671.9	52.4	724.3
WHITE SPRUCE	47,636.9	9,113.9	56,750.8
TOTAL	48,308.8	9,166.3	57,475.1
HARDWOODS:			
BALSAM POPLAR	1,473.1	--	1,473.1
PAPER BIRCH	11,570.9	23.3	11,594.2
QUAKING ASPEN	2,716.4	27.1	2,743.5
TOTAL	15,760.4	50.4	15,810.8
ALL SPECIES	64,069.2	9,216.7	73,285.9

Estimates are subject to sampling error.

-- = no data.

Table 27--Annual mortality of growing stock by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	FOREST LAND CLASS		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
<i>THOUSAND CUBIC FEET</i>			
SOFTWOODS:			
BLACK SPRUCE	149.7	--	149.7
WHITE SPRUCE	1,144.0	109.1	1,253.1
TOTAL	1,293.7	109.1	1,402.8
HARDWOODS:			
BALSAM POPLAR	150.7	--	150.7
PAPER BIRCH	217.1	--	217.1
QUAKING ASPEN	23.6	42.4	66.0
TOTAL	391.4	42.4	433.8
ALL SPECIES	1,685.1	151.5	1,836.6

Estimates are subject to sampling error.

-- = no data.

Table 28--Annual mortality of sawtimber by species and forest land class, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

SPECIES	FOREST LAND CLASS		
	COMMERCIAL	OPERABLE NONCOMMERCIAL	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>			
SOFTWOODS:			
BLACK SPRUCE	740.3	--	740.3
WHITE SPRUCE	3,514.6	320.8	3,835.4
TOTAL	4,254.9	320.8	4,575.7
HARDWOODS:			
BALSAM POPLAR	--	--	--
PAPER BIRCH	--	--	--
QUAKING ASPEN	--	--	--
TOTAL	--	--	--
ALL SPECIES	4,254.9	320.8	4,575.7

Estimates are subject to sampling error.

-- = no data.

Table 29--Annual mortality of growing stock by cause, forest land class, and by softwoods and hardwoods, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

CAUSE	COMMERCIAL FOREST LAND			OPERABLE NONCOMMERCIAL FOREST LAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
<i>THOUSAND CUBIC FEET</i>						
FIRE	712.5	140.4	852.9	--	--	--
INSECTS	51.9	23.6	75.5	--	--	--
DISEASE	97.2	42.7	139.9	--	--	--
WINDTHROW	71.3	--	71.3	--	42.4	42.4
OTHER	147.1	34.0	181.1	56.7	--	56.7
UNKNOWN	213.7	150.7	364.4	52.4	--	52.4
TOTAL	1,293.7	391.4	1,685.1	109.1	42.4	151.5

Estimates are subject to sampling error.

-- = no data.

Table 30--Annual mortality of sawtimber by cause, forest land class, and by softwoods and hardwoods, Wood-Salcha block, Tanana inventory unit, Alaska, 1975

CAUSE	COMMERCIAL FOREST LAND			OPERABLE NONCOMMERCIAL FOREST LAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
FIRE	2,306.5	--	2,306.5	--	--	--
INSECTS	278.5	--	278.5	--	--	--
DISEASE	554.9	--	554.9	--	--	--
WINDTHROW	377.7	--	377.7	--	--	--
OTHER	307.9	--	307.9	320.8	--	320.8
UNKNOWN	429.4	--	429.4	--	--	--
TOTAL	4,254.9	--	4,254.9	320.8	--	320.8

Estimates are subject to sampling error.

-- = no data.

Acknowledgments

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Statistical report preparation: Karl M. Hegg and Ken Winterberger.

Metric Equivalents

1 acre = 0.4047 hectare
1 hectare = 2.47 acres
1 cubic foot = 0.0283 cubic meter
1 cubic meter = 35.3147 cubic feet
1 cubic foot per acre = 0.06997 cubic meter per hectare
1 cubic meter per hectare = 14.2913 cubic feet per acre
20 cubic feet per acre = 1.3994 cubic meter per hectare
1 square foot basal area per acre = 0.2296 square meter per hectare
1 square meter per hectare = 4.356 square feet per acre

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Winterberger, Kenneth C. Timber resource statistics for the Wood-Salcha block, Tanana inventory unit, Alaska, 1975. Resour. Bull. PNW-107. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 34 p.

This statistical report on timber resources of the 4.1-million-acre Wood-Salcha block in the last of four reports on the 14-million-acre Tanana Valley inventory unit. Tables are provided for commercial and operable noncommercial forest land, total gross and net volumes, and annual net growth and mortality. Estimates for commercial forest land total 626,300 acres with 799,374,800 net cubic feet of growing stock volume. Estimates for the special operable noncommercial class total 94,400 acres with 117,812,500 net cubic feet of growing stock volume.

Keywords: Forest surveys, timber inventory, timber resources, resources (forest), statistics (forest), Alaska (Tanana Valley).

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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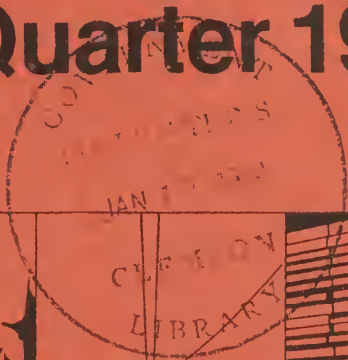
Resource Bulletin
PNW-108

November 1983



Production, Prices, Employment, and Trade in Northwest Forest Industries, Second Quarter 1983

Florence K. Ruderman



ABSTRACT

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, second quarter 1983. Resour. Bull. PNW-108. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 66 p.

Provides current information on the 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), import/export (forest products), markets (external), economics (forestry business).

PREFACE

This quarterly 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.

Historical data for the years before 1969 are in the 1979 issues of "Production, Prices, Employment, and Trade in Northwest Forest Industries."

Cooperation in supplying data has been received from the following sources: the U.S. Department of Agriculture, Forest Service, Forest Resources Economics Research Staff in Washington, D.C.; 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 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.

KEYWORDS: Forestry business economics, lumber prices, plywood prices, timber volume, stumpage prices, employment (forest products industries), marketing (forest products), import/export (forest products), markets (external), economics (forestry business).

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TABLES INCLUDED IN THIS SERIES OF REPORTS, FREQUENCY OF PUBLICATION,
AND MOST RECENT QUARTER PUBLISHED

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^{1/}A: Published annually as data become available.
 B: Published biannually as data become available.
 P: Published periodically as data become available.
 Q: Published quarterly as data become available.

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

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TABLES

Table 1--Softwood lumber production in Western United States by region, and U.S. softwood plywood production, 1972-83

YEAR	SOFTWOOD LUMBER PRODUCTION				U.S. SOFTWOOD PLYWOOD PRODUCTION ³
	TOTAL SOFTWOOD LUMBER	WESTERN WASHINGTON AND WESTERN OREGON ¹	CALIFORNIA REDWOOD REGION	INLAND REGION ²	
	----- Million board feet -----				Million sq ft, 3/8-inch basis
1972	21,830	8,983	2,452	10,395	18,324
1973	22,267	9,074	2,629	10,564	18,305
1974	19,425	7,777	2,675	8,973	15,878
1975	17,773	7,134	2,194	8,445	16,050
1976	20,611	8,322	2,500	9,789	18,440
1977	21,558	8,796	2,453	10,309	19,677
1978	20,780	8,845	1,902	10,033	19,936
1979	20,045	8,427	1,838	9,780	20,022
1980	16,045	6,815	1,617	7,613	16,573
1981	15,004	6,339	1,455	7,210	17,073
1982	14,050	5,808	1,421	6,821	17,150
1983--					
January	1,406	642	163	601	1,598
February	1,395	612	147	636	1,557
March	1,551	696	144	711	1,848
Total, 1st quarter	4,352	1,950	454	1,948	5,003
April	1,516	682	121	713	1,703
May	1,546	693	131	722	1,799
June	1,560	644	149	767	1,659E
Total, 2d quarter	4,622	2,019	401	2,202	5,161E
July					
August					
September					
Total, 3d quarter					
October					
November					
December					
Total, 4th quarter					
1983 total					
	----- 2d quarter 1983 change, in percent -----				
From--					
1st quarter 1983	6.2	3.5	-11.7	13.0	3.2E
2d quarter 1982	32.0R	44.9R	13.6R	25.4R	26.4E

Source--Western Wood Products Association, Portland, Oregon (western Washington and western Oregon, and inland region), National Forest Products Association, Washington, D.C. (California redwood region), and American Plywood Association, Tacoma, Washington (U.S. softwood plywood data).

¹Includes small amounts of hardwood.

²Inland region includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

³Data for 1974 and 1975 are based in part on sampling.

R = revised.

E = estimated.

Table 2--Lumber production in Northwest States, 1972-82
(In million board feet)

YEAR	WASHINGTON	OREGON	CALIFORNIA ¹	MONTANA	IDAHO
1972	3,749	7,943	5,376	1,311	1,851
1973	3,642	8,194	5,446	1,445	1,912
1974	3,222	7,007	4,599	1,165	1,626
1975	3,104	6,342	4,153	1,038	1,631
1976	3,661	7,335	4,824	1,197	1,908
1977	4,031	7,509	5,052	1,250	1,976
1978	4,150	7,416	4,853	1,256	1,932
1979	3,841	7,312	4,639	1,257	1,893
1980	3,161	5,784	3,768	983	1,391
1981	3,242	5,115	3,224	1,032	1,319
1982	3,059	4,682	2,987	895	1,245

Source--Western Wood Products Association, Portland, Oregon.

¹Since 1970, California production data include one mill in Nevada.

Table 3--Softwood lumber production in the inland region, by species, 1972-82^{1/}
(In million board feet)

YEAR	ALL SOFTWOODS	PONDEROSA PINE	IDAHO WHITE PINE	SUGAR PINE	DOUGLAS-FIR AND LARCH	HEM-FIR ^{2/}	ENGELMANN SPRUCE	LOGEPOLE PINE	OTHER SOFTWOODS
1972	10,395	3,964	406	241	2,313	1,891	461	666	453
1973	10,564	3,863	369	230	2,545	1,992	510	692	363
1974	8,973	3,266	267	173	2,382	1,566	330	488	501
1975	8,445	3,269	291	193	1,952	1,476	304	395	565
1976	9,789	3,757	294	201	2,321	1,655	366	451	744
1977	10,309	4,046	293	230	2,343	1,762	434	547	654
1978	10,033	3,970	245	213	2,370	1,724	374	498	639
1979	9,780	3,728	198	201	2,333	1,794	365	419	742
1980	7,613	3,023	166	184	1,644	1,334	262	402	598
1981	7,147	2,770	164	173	1,570	1,147	269	419	635
1982	6,681	2,649	113	141	1,509	1,029	313	376	551

Source--Western Wood Products Association, Portland, Oregon.

¹Inland region includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

²Western hemlock and white fir. Before 1979, hemlock was included in "OTHER SOFTWOODS"; after 1979, hemlock is included in "HEM-FIR." The historical data are revised to reflect this change.

Table 4--Lumber production in western Washington and western Oregon, by species, 1972-82

(In million board feet)

YEAR	ALL SPECIES	DOUGLAS-FIR	HEM-FIR ¹	WESTERN REDCEDAR	SITKA SPRUCE	PINES	OTHER SOFTWOODS	HARDWOODS
1972	8,983	5,711	2,495	348	41	241	37	110
1973	9,074	5,659	2,553	369	40	277	36	140
1974	7,777	5,074	1,896	358	32	250	33	134
1975	7,134	4,684	1,683	364	15	233	46	109
1976	8,322	5,363	2,139	367	30	231	64	128
1977	8,796	5,567	2,413	382	21	215	67	131
1978	8,845	5,458	2,444	434	14	277	53	165
1979	8,427	5,228	2,320	346	19	254	81	179
1980	6,815	4,261	1,791	308	7	217	69	162
1981	6,270	3,817	1,660	347	11	198	79	158
1982	5,743	3,570	1,427	335	6	193	56	156

Source--Western Wood Products Association, Portland, Oregon.

¹Western hemlock and white fir combined. Before 1979, data are for white fir only; after 1979, data are for white fir and hemlock combined.

Table 5--Softwood lumber and plywood production in British Columbia, 1972-82

SOFTWOOD LUMBER PRODUCTION				
YEAR	TOTAL	COAST	INTERIOR	SOFTWOOD PLYWOOD PRODUCTION
----- Million board feet -----				Million sq ft, 3/8-inch basis
1972	9,466	4,026	5,440	1965
1973	10,311	4,367	5,944	2,197
1974	8,783	3,405	5,378	1,832
1975	7,469	2,507	4,962	1,778
1976	10,680	3,988	6,692	2,191
1977	12,038	4,499	7,539	2,343
1978	12,545	4,803	7,742	2,510
1979	12,517	4,657	4,860	2,307
1980	11,979	4,252	7,727	2,230
1981	10,424	3,458	6,966	1,923
1982	9,944	3,002	6,942	1,616

Source--Dominion Bureau of Statistics, Ottawa, Canada.

Table 6--Wholesale prices of selected lumber products, 1972-83

(In dollars per thousand board feet)

YEAR	DOUGLAS-FIR STD. AND BTR., 2 BY 4 RL, 8/12', KD, NET, F.O.B. MILL	PONOEROSA PINE BOARDS, NO. 3, 1 BY 12 RL, KD, NET, F.O.B. MILL	PONOEROSA 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
1972	136.00	140.00	177.00	139.00	126.00
1973	177.00R	189.00	233.00	173.00	152.00
1974	144.00	162.00	247.00	136.00	120.00
1975	148.00	144.00	205.00	144.00	117.00
1976	178.00	188.00	318.00	169.00	151.00
1977	213.00	229.00	380.00	202.00	173.00
1978	241.00	263.00	459.00	238.00	209.00
1979	260.00	309.00	479.00	201.00	225.00
1980	209.00	296.00	478.00	201.00	168.00
1981	190.00	296.00	483.00	181.00	158.00
1982	167.00	253.00	357.00	160.00	141.00R
1983--					
January	230.00	263.00	459.00	212.00	140.00
February	228.00	272.00	521.00	208.00	174.00
March	226.00	250.00	564.00	213.00	181.00
Average, 1st quarter	228.00	262.00	515.00	211.00	180.00
April	229.00	251.00	594.00	225.00	185.00
May	240.00	258.00	599.00	234.00	225.00
June	254.00	272.00	586.00	248.00	238.00
Average, 2d quarter	241.00	260.00	593.00	236.00	216.00
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1983 average					
-----2d quarter 1983 change, in percent-----					
From--					
1st quarter 1983	5.7	-.8	15.1	11.8	20.0
2d quarter 1982	45.2	-9.1R	74.4R	50.3	57.7

Source--Random Lengths Publications, Inc.

R = revised.

Table 7--Wholesale prices of selected softwood plywood products, 1972-83

(In dollars per thousand square feet)

Year	SHEATHING, WESTERN EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SHEATHING, SOUTHERN (WEST) ^{1/} EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SANDED, WESTERN INTERIOR, 1/4-INCH, AD, NET F.O.B. MILL
1972	92.00	93.00	101.00
1973	107.00	100.00	127.00
1974	92.00	94.00	140.00
1975	99.00	95.00	146.00
1976	127.00	125.00	160.00
1977	157.00	159.00	183.00
1978	169.00	174.00	214.00
1979	164.00	156.00	221.00
1980	155.00	155.00	211.00
1981	148.00	140.00	203.00
1982	135.00	139.00	185.00
1983--			
January	158.00	162.00	174.00
February	157.00	162.00	178.00
March	152.00	164.00	179.00
<hr/>			
Average, 1st quarter	156.00	163.00	177.00
April	150.00	158.00	182.00
May	155.00	163.00	189.00
June	162.00	172.00	196.00
<hr/>			
Average, 2d quarter	156.00	164.00	189.00
July			
August			
September			
<hr/>			
Average, 3d quarter			
October			
November			
December			
<hr/>			
Average, 4th quarter			
1983 average			
<hr/>			
- - - - -2d quarter 1983 change, in percent - - - - -			
From--			
1st quarter 1983	0	.6	6.8
2d quarter 1982	18.2	19.7	0

Source--Random Lengths Publications, Inc.

^{1/} Texas, Louisiana, Arkansas.

Table 8--Employment in forest products industries in Washington, Oregon, and Alaska, 1972-83

(In thousands of persons)

YEAR	WASHINGTON AND OREGON			WASHINGTON			OREGON			ALASKA		
	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	TOTAL	LUMBER AND WOOD PRODUCTS	PULP AND ALLIED PRODUCTS
1972	150.2	122.5	27.7	65.5	47.3	18.2	84.7	75.2	9.5	--	2.8	1/
1973	155.3	127.9	27.4	66.8	49.1	17.7	88.5	78.8	9.7	--	2.3	2/
1974	152.1	124.5	27.6	67.3	49.7	17.6	84.8	74.8	10.0	--	2.5	2/
1975	137.2	110.8	26.4	60.4	43.8	16.6	76.8	67.0	9.8	--	2.0	2/
1976	150.9	123.4	27.5	68.4	51.0	17.4	82.5	72.4	10.1	3.4	2.3	1.1
1977	159.2	131.4	27.8	71.6	53.9	17.7	87.6	77.5	10.1	3.6	2.2	1.4
1978	159.3	136.5	22.8	69.1	55.1	14.0	90.2	81.4	8.8	2.9	1.8	1.1
1979	159.0	133.4	25.6	68.4	52.6	15.8	90.6	80.8	9.8	3.0	2.0	1.0
1980	144.1	116.1	28.0	64.1	46.5	17.6	80.0	69.6	10.4	3.4	2.3	1.1
1981	135.6	108.1	27.5	61.6R	44.4	17.2	74.0	63.7	10.3	2.8	1.9	.9
1982	120.4	94.5	25.9	55.2	39.0	16.2	65.2	55.5	9.7	2.6	1.8	.8
1983--												
January	120.0	94.9	25.1	54.6	38.8	15.8	65.4	56.1	9.3	1.9R	1.1R	.8
February	122.6	97.7	24.9	55.3	39.7	15.6	67.3	58.0	9.3	2.2R	1.4R	.8
March	124.5	99.8	24.7	56.2	40.7	15.5	68.3	59.1	9.2	2.6R	1.8R	.8
Average, 1st quarter	122.3	97.4	24.9	55.3	39.7	15.6	67.0	57.7	9.3	2.2R	1.4R	.8
April	126.5	101.5	25.0	57.3	41.6	15.7	69.2	59.9	9.3	2.8	2.2	.6
May	128.5	103.5	25.0	57.9	42.2	15.7	70.6	61.3	9.3	3.3	2.5	.8
June	133.4P	107.9P	25.5P	59.4P	43.5P	15.9P	74.0	64.4	9.6	3.3	2.5	.8
Average, 2d quarter	129.5P	104.3P	25.2P	58.2P	42.4P	15.8P	71.3	61.9	9.4	3.1	2.4	.7
July												
August												
September												
Average, 3d quarter												
October												
November												
December												
Average, 4th quarter												
1983 average												
----- 2d quarter 1983 change in employment -----												
From--												
1st quarter 1983	7.2P	6.9P	.3P	2.9P	2.7P	.2P	4.3	4.2	.1	.9R	1.0R	-.1
2d quarter 1982	9.8P	10.3P	-.5P	3.3P	3.5P	-.2P	6.5	6.8	-.3	-.2	0	-.2

Source--State employment agencies. Includes both covered and noncovered employment. The lumber and wood products industry includes logging, lumber, plywood, poles and piling, and miscellaneous wood products (excludes furniture). The paper and allied products industry includes pulp, paper, paperboard, and building board products. Since April 1974, employment data have been based on place of residence.

¹Before 1973, data for the pulp and allied products industry are included in the lumber and wood products industry.

²Withheld to avoid disclosure.

R = revised.

P = preliminary.

Table 9--Employment in forest products industries in California, 1972-83

(In thousands of persons)

YEAR	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	90.3	52.4	37.9
1973	90.2	54.1	36.1
1974	88.2	50.9	37.3
1975	87.3	52.8	34.5
1976	96.6	59.9	36.7
1977	104.2	66.6	37.6
1978	107.1	69.9	37.2
1979	107.8	68.7	39.1
1980	101.3	62.6	38.7
1981	96.6	57.9	38.7
1982	83.7	46.2	37.5
1983--			
January	79.2	42.8	36.4
February	80.4	44.0	36.4
March	73.1	36.4	36.7
Average, 1st quarter			
	77.6	41.1	36.5
April			
May			
June			
Average, 2d quarter			
July			
August			
September			
Average, 3d quarter			
October			
November			
December			
Average, 4th quarter			
1983 average			
- - - 1st quarter 1983 change in employment - - -			
From--			
4th quarter 1982	-4.5	-4.2	-.3
1st quarter 1982	-4.5R	-3.3R	-1.2R

Source--State of California, Department of Employment. Since April 1974, data have been based on place of residence.

R = revised.

Table 10--Employment in forest products industries in Montana and Idaho, 1972-83

(In thousands of persons)

YEAR	MONTANA			IDAHO	
	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	9.2	1/	15.2	14.1	1.1
1973	9.8	1/	16.3	15.1	1.2
1974	9.5	1/	15.7	14.6	1.1
1975	8.1	1/	16.8	15.7	1.1
1976	9.1	1/	18.6	17.4	1.2
1977	9.3	1/	19.0	17.8	1.2
1978	10.7	1/	20.1	18.8	1.3
1979	11.1	1/	19.9	18.5	1.4
1980	8.7	1/	17.5	16.1	1.4
1981	8.8	1/	16.6	15.1	1.5
1982	7.7	1/	13.6	12.1	1.5
1983--					
January	7.0	1/	13.6	12.1	1.5
February	7.4	1/	12.8	11.3	1.5
March	7.1	1/	12.7	11.2	1.5
Average, 1st quarter	7.2	1/	13.0	11.5	1.5
April	7.3	1/	13.6	12.1	1.5
May	7.4	1/	14.8	13.3	1.5
June	7.8	1/	16.1	14.6	1.5
Average, 2d quarter	7.5	1/	14.8	13.3	1.5
July					
August					
September					
Average, 3d quarter					
October					
November					
December					
Average, 4th quarter					
1983 average					
----- 2d quarter 1983 change in employment -----					
From--					
1st quarter 1983	.3	--	1.8	1.8	0
2d quarter 1982	-.2	--	2.0R	2.0R	0

Source--State employment agencies. Since April 1974, employment data have been based on place of residence.

¹Withheld to avoid disclosing figures for individual companies.

R = revised.

Table 11--Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEVAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEVAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	2,637,148	767,496	36,907	1,832,745	1,907,235	566,487	1,340,748	729,913	201,009	36,907	491,997
1973	2,639,210	864,474	20,966	1,753,770	1,833,293	555,324	1,277,969	805,917	309,150	20,966	475,801
1974	2,189,367	715,514	17,481	1,456,372	1,423,570	404,884	1,018,686	765,797	310,630	17,481	437,686
1975	2,225,487	765,840	24,361	1,435,286	1,427,387	437,290	990,097	798,100	328,550	24,361	445,169
1976	2,737,074	945,649	26,576	1,764,849	1,792,944	527,889	1,265,055	944,130	417,760	26,576	499,794
1977	2,555,615	966,763	16,721	1,572,131	1,674,860	556,419	1,118,441	880,755	410,344	16,721	453,690
1978	2,847,394	1,139,267	24,493	1,683,634	1,915,979	619,500	1,296,479	931,415	519,767	24,493	387,155
1979	3,233,652	1,309,179	22,693	1,901,780	2,249,963	732,392	1,517,571	983,689	576,787	22,693	384,209
1980	2,631,817	1,262,210	12,300	1,357,307	1,699,138	645,073	1,054,065	932,679	617,137	12,300	303,242
1981	1,987,159	1,017,154	15,520	954,485	1,315,882	579,034	736,848	671,277	438,120	15,520	217,637
1982--											
1st qtr.	637,603	339,716	3,725	294,162	405,752	179,234	226,518	231,851	160,482	3,725	67,644
2d qtr.	610,403	365,318	2,731	242,354	349,134	171,695	177,439	261,269	193,623	2,731	64,915
3d qtr.	704,696	392,460	1,704	310,532	446,910	201,785	245,125	257,786	190,675	1,704	65,407
4th qtr.	614,942	330,341	3,139	281,462	394,997	177,130	217,867	219,945	153,211	3,139	63,595
1982 total	2,567,644	1,427,835	11,299	1,128,510	1,596,793	729,844	866,949	970,851	697,991	11,299	261,561
1983--											
1st qtr.	577,494	305,497	1,963	270,034	401,147	181,023	220,124	176,347	124,474	1,963	49,910
2d qtr.	609,927	333,481	1,486	274,960	412,019	187,493	224,526	197,908	145,988	1,486	50,434
3d qtr.											
4th qtr.											
1983 total											
TO JAPAN											
1972	2,391,163	692,308	36,907	1,661,948	1,678,846	496,201	1,182,645	712,317	196,107	36,907	479,303
1973	2,455,485	822,160	20,966	1,612,359	1,663,203	520,373	1,142,830	792,282	301,787	20,966	469,529
1974	1,975,575	638,225	17,342	1,320,008	1,237,653	341,890	895,763	737,922	296,335	17,342	424,245
1975	2,014,244	732,264	24,361	1,257,619	1,255,817	410,721	845,096	758,427	321,543	24,361	412,523
1976	2,547,037	901,911	24,573	1,620,553	1,623,064	491,451	1,131,613	923,973	410,460	24,573	488,940
1977	2,348,325	933,813	16,721	1,397,791	1,496,627	526,295	970,372	851,698	407,558	16,721	427,419
1978	2,521,885	1,103,562	22,814	1,395,509	1,630,247	589,654	1,040,593	891,638	513,908	22,814	354,916
1979	2,959,726	1,279,177	20,611	1,659,938	1,998,315	705,921	1,292,394	961,411	573,256	20,611	367,544
1980	2,344,322	1,175,407	12,300	1,156,615	1,488,494	602,605	885,889	855,828	572,802	12,300	270,726
1981	1,603,941	846,474	15,495	741,972	1,003,391	452,724	550,667	600,550	393,750	15,495	191,305
1982--											
1st qtr.	490,917	279,704	3,725	207,488	287,202	133,825	153,377	203,715	145,879	3,725	54,111
2d qtr.	344,717	196,034	2,731	145,952	189,154	85,725	103,429	155,563	110,309	2,731	42,523
3d qtr.	474,753	281,511	1,677	191,565	271,741	131,830	139,911	203,012	149,681	1,677	51,654
4th qtr.	427,800	233,385	3,139	191,276	244,806	106,269	138,537	182,994	127,116	3,139	52,739
1982 total	1,738,187	990,634	11,272	736,281	992,903	457,649	535,254	745,284	532,985	11,272	201,027
1983--											
1st qtr.	409,186	214,008	1,963	193,215	252,587	102,641	149,946	156,599	111,367	1,963	43,269
2d qtr.	418,508	241,044	1,486	175,978	253,590	122,555	131,035	164,918	118,489	1,486	44,943
3d qtr.											
4th qtr.											
1983 total											

Table 11-Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	170,582	43,294	--	127,288	159,359	43,294	116,065	11,223	--	--	11,223
1973	72,164	22,265	--	49,899	72,164	22,265	49,899	--	--	--	--
1974	73,664	39,060	--	34,604	73,664	39,060	34,604	--	--	--	--
1975	58,506	16,793	--	41,713	58,506	16,793	41,713	--	--	--	--
1976	48,289	14,803	--	33,486	48,289	14,803	33,486	--	--	--	--
1977	15,698	9,531	--	6,167	15,698	9,531	6,167	--	--	--	--
1978	12,638	9,361	--	3,277	12,638	9,361	3,277	--	--	--	--
1979	24,124	7,737	--	16,387	24,124	7,737	16,387	--	--	--	--
1980	985	395	--	590	985	395	590	--	--	--	--
1981	1,332	392	--	940	1,332	392	940	--	--	--	--
1982--											
1st qtr.	2,528	463	--	2,065	2,528	463	2,065	--	--	--	--
2d qtr.	1,973	48	--	1,925	1,973	48	1,925	--	--	--	--
3d qtr.	129	40	--	89	129	40	89	--	--	--	--
4th qtr.	127	84	--	43	127	84	43	--	--	--	--
1982 total	4,757	635	--	4,122	4,757	635	4,122	--	--	--	--
1983--											
1st qtr.	120	--	--	120	120	--	120	--	--	--	--
2d qtr.	3,014	397	--	2,617	3,014	397	2,617	--	--	--	--
3d qtr.											
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	47,554	4,419	--	43,135	46,304	4,419	41,885	1,250	--	--	1,250
1973	101,929	15,175	--	86,754	96,680	12,063	84,617	5,249	3,112	--	2,137
1974	137,665	36,308	--	101,357	111,580	23,378	88,202	26,085	12,930	--	13,155
1975	79,022	13,946	--	65,076	42,100	9,100	33,000	36,922	4,846	--	32,076
1976	130,069	26,454	--	103,615	117,007	21,068	95,939	13,062	5,386	--	7,676
1977	187,967	21,201	--	166,766	162,252	20,418	141,834	25,715	783	--	24,932
1978	307,865	24,844	--	283,021	271,887	20,426	251,461	35,978	4,418	--	31,560
1979	245,314	20,342	--	224,972	227,072	18,653	208,419	18,242	1,689	--	16,553
1980	191,387	11,796	--	179,591	163,988	9,549	154,439	27,399	2,247	--	25,152
1981	147,833	10,919	--	136,914	132,675	9,323	123,342	15,158	1,586	--	13,572
1982--											
1st qtr.	58,840	4,644	--	54,196	50,669	4,544	46,125	8,171	100	--	8,071
2d qtr.	51,309	5,905	--	45,404	38,136	2,737	35,399	13,173	3,168	--	10,005
3d qtr.	68,273	7,784	--	60,489	66,427	7,784	58,643	1,846	--	--	1,846
4th qtr.	76,314	9,476	--	66,838	64,894	8,776	56,118	11,420	700	--	10,720
1982 total	254,736	27,809	--	226,927	220,126	23,841	196,285	34,610	3,968	--	30,642
1983--											
1st qtr.	60,064	2,551	--	57,513	53,230	2,358	50,872	6,834	193	--	6,641
2d qtr.	79,983	11,588	--	68,395	74,359	11,407	62,952	5,624	181	--	5,443
3d qtr.											
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	87,785	69,901	--	17,884	43,271	31,884	11,387	44,514	38,017	--	6,497
1981	219,237	149,592	--	69,645	170,779	111,058	59,721	48,458	38,534	--	9,924
1982--											
1st qtr.	79,715	53,813	--	25,902	60,090	39,523	20,567	19,625	14,290	--	5,335
2d qtr.	203,944	157,466	--	46,478	117,366	82,557	34,809	86,578	74,909	--	11,669
3d qtr.	143,635	95,143	--	48,492	98,120	61,115	37,005	45,515	34,028	--	11,487
4th qtr.	105,808	83,625	--	22,183	83,186	61,003	22,183	22,622	22,622	--	--
1982 total	533,102	390,047	--	143,055	358,762	244,198	114,564	174,340	145,849	--	28,491
1983--											
1st qtr.	104,596	86,035	--	18,561	94,305	75,744	18,561	10,291	10,291	--	--
2d qtr.	106,859	78,958	--	27,901	79,999	52,098	27,901	26,860	26,860	--	--
3d qtr.											
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 12--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	358,713	101,467	12,089	245,157	252,839	73,175	179,664	105,874	28,292	12,089	65,493
1973	694,602	209,417	15,451	469,734	449,902	120,796	329,106	244,700	88,621	15,451	140,628
1974	612,521	194,137	17,556	400,828	364,962	103,586	271,376	237,559	90,551	17,556	129,452
1975	603,854	202,377	16,758	384,759	376,706	111,919	264,787	227,148	90,418	16,758	119,972
1976	775,113	266,523	20,086	488,504	490,246	141,989	348,257	284,667	124,534	20,087	140,247
1977	826,698	311,269	17,049	498,380	526,412	171,541	354,871	300,286	139,728	17,049	143,509
1978	992,207	413,645	24,923	553,639	637,818	212,305	425,513	354,389	201,340	24,923	128,126
1979	1,408,036	624,090	24,419	831,527	991,513	331,874	659,639	488,523	292,216	24,419	171,188
1980	1,308,858	634,898	16,596	657,364	835,524	317,744	517,780	473,334	317,154	16,596	139,584
1981	882,942	476,653	24,911	381,378	565,564	266,847	298,717	317,378	209,806	24,911	82,661
1982--											
1st qtr.	275,679	160,428	6,754	108,497	165,812	81,897	83,915	109,867	78,531	6,754	24,582
2d qtr.	253,213	159,501	5,520	88,192	140,278	74,411	65,867	112,935	85,090	5,520	22,325
3d qtr.	268,515	157,621	2,713	108,181	164,645	79,637	85,008	103,870	77,984	2,713	23,713
4th qtr.	217,502	122,704	3,732	91,066	134,354	63,579	70,775	83,148	59,125	3,732	20,291
1982 total	1,014,909	600,254	18,719	395,936	605,089	299,524	305,565	409,820	300,730	18,719	90,371
1983--											
1st qtr.	195,146	105,276	2,847	87,023	130,221	59,513	70,708	64,925	45,763	2,847	16,315
2d qtr.	209,168	117,059	1,905	90,204	138,401	64,817	73,584	70,767	52,242	1,905	16,620
3d qtr.											
4th qtr.											
1983 total											
TO JAPAN											
1972	335,703	94,210	12,089	229,404	231,593	66,800	164,793	104,110	27,410	12,089	64,611
1973	664,363	201,944	15,451	446,968	422,715	115,022	307,693	241,648	86,922	15,451	139,275
1974	569,494	177,961	17,500	374,033	338,296	90,400	247,896	231,198	87,561	17,500	126,137
1975	560,754	195,469	16,758	348,527	341,885	107,149	234,736	218,869	88,320	16,758	113,791
1976	734,412	256,673	17,918	459,821	457,248	134,894	322,354	277,164	121,779	17,918	137,467
1977	776,630	303,248	17,049	456,333	484,006	164,626	319,380	292,624	138,622	17,049	136,953
1978	908,627	404,134	22,763	481,730	566,494	204,832	361,662	342,133	199,302	22,763	120,668
1979	1,387,602	612,160	22,271	753,171	910,338	323,034	587,304	477,264	269,126	22,271	165,867
1980	1,190,875	593,484	16,596	580,795	750,369	297,359	453,010	440,506	296,125	16,596	127,785
1981	740,943	404,395	24,889	311,659	451,171	213,444	237,727	289,772	190,951	24,889	73,932
1982--											
1st qtr.	223,023	134,435	6,754	81,834	123,575	62,238	61,337	99,448	72,197	6,754	20,497
2d qtr.	148,450	87,432	5,520	55,498	77,612	37,512	40,100	70,838	49,920	5,520	15,394
3d qtr.	107,946	114,656	2,673	70,617	104,744	52,556	52,188	83,202	62,100	2,673	18,429
4th qtr.	156,924	88,162	3,732	65,030	86,116	38,532	47,584	70,808	49,630	3,732	17,446
1982 total	716,343	424,685	18,679	272,979	392,047	190,838	201,209	324,296	233,647	18,679	71,770
1983--											
1st qtr.	146,567	77,446	2,847	66,274	87,522	35,794	51,728	59,045	41,652	2,847	14,546
2d qtr.	152,519	88,469	1,905	62,145	91,862	44,781	47,081	60,657	43,688	1,905	15,064
3d qtr.											
4th qtr.											
1983 total											

Table 12--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (Continued)

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	14,041	2,984	--	11,057	13,349	2,984	10,365	692	--	--	692
1973	9,593	2,900	--	6,693	9,593	2,900	6,693	--	--	--	--
1974	13,821	8,239	--	5,582	13,821	8,239	5,582	--	--	--	--
1975	8,313	2,937	--	5,376	8,313	2,937	5,376	--	--	--	--
1976	7,908	2,733	--	5,175	7,908	2,733	5,175	--	--	--	--
1977	3,545	2,154	--	1,391	3,545	2,154	1,391	--	--	--	--
1978	2,933	2,129	--	804	2,933	2,129	804	--	--	--	--
1979	7,223	2,435	--	4,788	7,223	2,435	4,788	--	--	--	--
1980	323	133	--	190	323	133	190	--	--	--	--
1981	463	173	--	290	463	173	290	--	--	--	--
1982--											
1st qtr.	487	56	--	429	487	58	429	--	--	--	--
2d qtr.	472	23	--	449	472	23	449	--	--	--	--
3d qtr.	47	19	--	28	47	19	28	--	--	--	--
4th qtr.	62	37	--	25	62	37	25	--	--	--	--
1982 total	1,068	137	--	931	1,068	137	931	--	--	--	--
1983--											
1st qtr.	42	--	--	42	42	--	42	--	--	--	--
2d qtr.	734	55	--	679	734	55	679	--	--	--	--
3d qtr.											
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	5,094	469	--	4,625	4,939	469	4,470	155	--	--	155
1973	18,506	3,468	--	15,038	17,290	2,725	14,565	1,216	743	--	473
1974	28,225	7,303	--	20,922	22,552	4,714	17,838	5,673	2,589	--	3,064
1975	14,757	2,688	--	12,069	7,912	1,648	6,264	6,845	1,040	--	5,805
1976	27,546	5,664	--	21,882	24,400	4,350	20,050	3,146	1,315	--	1,831
1977	44,949	4,811	--	40,138	38,738	4,672	34,066	6,211	139	--	6,072
1978	76,839	6,392	--	70,447	67,974	5,333	62,641	8,865	1,059	--	7,806
1979	80,173	6,982	--	73,191	73,751	6,378	67,373	6,422	604	--	5,818
1980	71,675	4,116	--	67,559	62,108	3,279	58,829	9,567	837	--	8,730
1981	47,481	4,027	--	43,454	43,048	3,513	39,535	4,433	514	--	3,919
1982--											
1st qtr.	18,579	1,850	--	16,729	16,070	1,786	14,284	2,509	64	--	2,445
2d qtr.	16,135	1,911	--	14,224	12,406	1,197	11,209	3,729	714	--	3,015
3d qtr.	20,701	2,599	--	18,102	20,166	2,599	17,567	535	--	--	535
4th qtr.	21,000	2,809	--	18,191	18,015	2,554	15,461	2,985	255	--	2,730
1982 total	76,415	9,169	--	67,246	66,657	8,136	58,521	9,758	1,033	--	8,725
1983--											
1st qtr.	16,208	843	--	15,365	14,391	795	13,596	1,817	48	--	1,769
2d qtr.	22,775	3,224	--	19,551	21,177	3,159	18,018	1,598	65	--	1,533
3d qtr.											
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	41,433	34,285	--	7,148	21,326	16,692	4,634	20,107	17,593	--	2,514
1981	88,000	63,977	--	24,023	67,639	47,363	20,276	20,361	16,614	--	3,747
1982--											
1st qtr.	31,515	23,577	--	7,938	23,939	17,554	6,385	7,576	6,023	--	1,553
2d qtr.	84,797	67,655	--	17,142	48,870	35,416	13,454	39,927	32,239	--	3,688
3d qtr.	52,757	36,953	--	15,804	35,767	24,076	11,691	16,990	12,877	--	4,113
4th qtr.	38,009	30,514	--	7,495	29,643	22,148	7,495	8,366	8,366	--	--
1982 total	207,078	158,699	--	48,379	138,219	99,194	39,025	68,859	59,505	--	9,354
1983--											
1st qtr.	31,285	26,108	--	5,177	28,007	22,830	5,177	3,278	3,278	--	--
2d qtr.	32,554	24,756	--	7,798	24,254	16,456	7,798	8,300	8,300	--	--
3d qtr.											
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 13--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFURU-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFURU-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	136.02	132.21	327.56	133.76	132.57	129.17	134.00	145.05	140.75	327.56	133.12
1973	263.19	242.25	736.97	267.84	245.41	217.52	257.52	303.63	286.60	736.97	295.56
1974	279.77	271.33	1,004.29	275.22	263.40	255.84	266.40	310.21	291.51	1,004.29	295.76
1975	271.34	264.20	687.90	268.07	263.91	255.94	267.43	284.61	275.20	687.90	269.49
1976	283.19	281.84	755.83	276.80	273.43	268.98	275.29	301.73	298.10	755.83	280.61
1977	323.48	321.97	1,019.62	317.01	314.30	308.29	317.26	340.94	340.51	1,019.62	316.32
1978	348.46	363.08	1,017.56	328.84	332.89	342.70	328.21	380.48	387.37	1,017.56	330.94
1979	435.43	476.70	1,076.06	437.24	440.68	453.14	434.67	496.62	506.62	1,076.06	445.56
1980	497.32	503.00	1,349.27	484.32	491.73	492.57	491.22	507.50	513.91	1,349.27	460.31
1981	444.32	468.61	1,605.09	399.56	429.80	460.85	405.40	472.80	478.88	1,605.09	379.81
1982--											
1st qtr.	432.37	472.24	1,813.25	368.83	408.65	456.93	370.45	473.87	489.35	1,813.25	363.41
2d qtr.	414.83	436.61	2,021.05	363.90	401.79	433.39	371.21	432.26	439.46	2,021.05	343.91
3d qtr.	381.04	401.62	1,591.66	348.37	368.41	394.66	346.80	402.93	408.99	1,591.66	354.29
4th qtr.	353.70	371.45	1,188.76	323.55	340.14	358.94	324.85	378.04	385.91	1,188.76	319.07
1982 average	395.27	420.40	1,656.70	350.88	378.94	410.40	352.46	422.12	430.85	1,656.70	345.51
1983--											
1st qtr.	337.92	344.61	1,450.32	322.27	324.62	328.76	321.22	368.17	367.65	1,450.33	326.88
2d qtr.	342.94	351.02	1,282.24	328.06	335.91	345.70	327.73	357.58	357.85	1,282.24	329.54
3d qtr.											
4th qtr.											
1983 average											
TO JAPAN											
1972	140.39	136.08	327.56	138.03	137.95	134.62	139.34	146.16	139.77	327.56	134.80
1973	270.56	245.63	736.97	277.21	254.16	221.04	269.24	305.00	288.03	736.97	296.63
1974	288.27	278.84	1,009.12	283.36	273.34	264.41	276.74	313.31	295.48	1,009.12	297.32
1975	278.39	266.94	687.90	277.13	272.24	260.88	277.76	288.58	274.08	687.90	275.84
1976	288.34	284.59	729.17	283.74	281.72	274.48	284.86	299.97	296.69	729.17	281.15
1977	330.72	324.74	1,019.62	326.47	323.40	312.83	329.13	343.58	340.13	1,019.62	320.42
1978	360.30	366.21	997.76	345.20	347.49	347.38	347.55	383.71	387.82	997.76	336.30
1979	468.83	478.56	1,080.54	453.73	455.55	457.61	454.43	496.42	504.36	1,080.54	451.28
1980	507.98	504.92	1,349.27	502.15	504.11	493.35	511.36	514.71	516.98	1,349.27	472.01
1981	461.95	477.74	1,606.26	420.04	449.65	471.47	431.71	482.51	484.95	1,606.26	386.46
1982--											
1st qtr.	454.30	480.63	1,813.25	394.40	430.27	465.07	399.91	488.17	494.91	1,813.25	378.79
2d qtr.	430.64	446.01	2,021.05	380.25	410.31	437.58	387.71	455.36	452.55	2,021.05	362.10
3d qtr.	395.88	407.29	1,594.30	368.63	385.45	398.66	373.01	409.84	414.88	1,594.30	356.77
4th qtr.	366.82	377.76	1,188.76	339.98	351.77	362.59	343.47	386.94	390.43	1,188.76	330.81
1982 average	412.12	428.70	1,657.12	370.75	394.85	417.00	375.91	435.13	438.75	1,657.12	357.02
1983--											
1st qtr.	358.19	361.88	1,450.33	343.01	346.50	348.73	344.98	377.05	374.01	1,450.33	336.18
2d qtr.	364.44	367.03	1,282.24	353.14	362.25	365.40	359.30	367.80	368.71	1,282.24	335.17
3d qtr.											
4th qtr.											
1983 average											

Table 13--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TU CANADA											
1972	82.31	68.93	--	86.86	83.77	68.93	80.30	61.60	--	--	61.00
1973	132.94	130.26	--	134.14	132.94	130.26	134.14	--	--	--	--
1974	187.62	210.93	--	161.31	187.62	210.93	161.31	--	--	--	--
1975	142.09	174.89	--	128.88	142.09	174.89	128.88	--	--	--	--
1976	163.76	184.62	--	154.94	163.76	184.62	154.94	--	--	--	--
1977	225.82	226.00	--	225.56	225.82	226.00	225.56	--	--	--	--
1978	232.08	227.43	--	245.35	232.08	227.43	245.35	--	--	--	--
1979	299.41	314.72	--	292.78	299.41	314.72	292.18	--	--	--	--
1980	327.92	336.71	--	322.03	327.92	336.71	322.03	--	--	--	--
1981	347.60	441.33	--	308.51	347.60	441.33	308.51	--	--	--	--
1982											
1st qtr.	192.82	125.96	--	207.82	192.82	125.96	207.82	--	--	--	--
2d qtr.	239.10	474.38	--	233.23	239.10	474.38	233.23	--	--	--	--
3d qtr.	366.17	471.58	--	318.80	366.17	471.58	318.80	--	--	--	--
4th qtr.	487.47	441.27	--	571.86	487.47	441.27	571.86	--	--	--	--
1982 average	224.51	215.75	--	225.86	224.51	215.75	225.86	--	--	--	--
1983--											
1st qtr.	346.55	--	--	346.55	346.55	--	346.55	--	--	--	--
2d qtr.	243.55	137.46	--	259.64	243.55	137.46	259.64	--	--	--	--
3d qtr.											
4th qtr.											
1983 average											
TU SOUTH KOREA											
1972	107.12	106.10	--	107.22	106.66	106.10	106.72	124.00	--	--	124.00
1973	181.54	228.47	--	173.34	178.83	225.89	172.12	231.52	238.47	--	221.40
1974	205.03	201.12	--	206.43	202.12	201.62	202.26	217.47	200.23	--	234.41
1975	186.74	192.74	--	185.46	187.93	181.10	189.82	185.39	214.61	--	180.98
1976	211.78	214.11	--	211.19	208.53	206.47	208.93	240.77	244.77	--	238.54
1977	239.13	226.92	--	240.68	238.75	228.82	240.18	241.53	177.52	--	243.54
1978	249.59	257.28	--	249.02	250.01	261.09	249.11	246.40	239.70	--	247.34
1979	326.82	343.23	--	325.33	324.79	341.93	323.26	352.05	357.61	--	351.48
1980	374.50	348.93	--	376.18	378.74	343.39	380.92	349.17	372.50	--	347.09
1981	321.18	368.81	--	317.38	324.46	376.41	320.53	292.45	324.29	--	288.76
1982--											
1st qtr.	315.76	398.43	--	308.68	317.06	393.11	309.68	307.05	640.00	--	302.92
2d qtr.	314.45	323.56	--	313.27	325.30	316.64	283.04	225.29	--	--	301.33
3d qtr.	303.22	333.84	--	299.27	303.58	333.84	299.57	290.00	--	--	290.00
4th qtr.	275.17	296.39	--	272.17	277.60	290.99	275.51	261.39	364.07	--	254.68
1982 average	299.98	329.71	--	296.33	302.81	341.26	298.14	281.94	260.32	--	284.74
1983--											
1st qtr.	269.84	330.54	--	267.15	270.36	337.14	267.26	265.85	250.01	--	266.31
2d qtr.	284.75	278.24	--	285.85	284.80	276.99	286.22	284.04	357.48	--	261.60
3d qtr.											
4th qtr.											
1983 average											
TO MAINLAND CHINA											
1980	471.98	490.48	--	399.69	492.85	523.52	406.96	451.70	462.77	--	386.95
1981	401.39	427.68	--	344.94	396.06	426.47	339.51	420.18	431.15	--	377.57
1982--											
1st qtr.	395.35	438.14	--	306.46	398.39	444.16	310.44	386.03	421.46	--	291.14
2d qtr.	415.79	429.65	--	368.81	416.39	428.99	386.51	414.97	430.38	--	316.03
3d qtr.	367.30	388.40	--	325.91	364.53	393.95	315.94	373.29	378.44	--	358.02
4th qtr.	359.23	364.90	--	337.89	356.35	363.07	337.89	369.82	369.82	--	--
1982 average	388.44	406.87	--	338.18	385.27	406.20	340.64	394.97	407.99	--	328.31
1983--											
1st qtr.	299.10	303.46	--	278.91	296.98	301.41	278.91	318.50	318.50	--	--
2d qtr.	304.65	313.54	--	279.48	303.18	315.87	279.48	309.02	309.02	--	--
3d qtr.											
4th qtr.											
1983 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. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 14--Softwood log exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	77,459	18,337	3,418	55,704
1973	104,733	34,454	4,065	66,214
1974	77,735	35,146	8,823	33,766
1975	86,943	52,547	2,483	31,913
1976	109,812	73,924	2,508	33,380
1977	70,902	38,302	2,331	30,269
1978	72,650	49,024	2,880	20,746
1979	65,492	37,551	1,611	26,330
1980	31,672	7,287	653	23,732
1981	25,586	5,890	1,381	18,315
1982--				
1st quarter	4,992	2,066	--	2,926
2d quarter	1,224	43	--	1,181
3d quarter	3,875	2,058	--	1,817
4th quarter	9,416	8,442	6	968
1982 total	19,507	12,609	6	6,892
1983--				
1st quarter	9,263	2,675	300	6,288
2d quarter	4,414	951	--	3,463
3d quarter				
4th quarter				
1983 total				
TO JAPAN				
1972	68,830	15,914	3,418	49,498
1973	94,520	29,261	4,065	61,194
1974	69,271	32,485	8,823	27,963
1975	78,813	48,188	2,483	28,142
1976	96,485	69,395	2,853	24,237
1977	57,815	37,765	2,331	17,719
1978	58,760	48,653	1,757	8,350
1979	57,938	37,411	1,611	18,916
1980	27,180	7,055	653	19,472
1981	20,708	1,024	1,381	18,303
1982--				
1st quarter	3,526	600	--	2,926
2d quarter	66	--	--	66
3d quarter	3,854	2,055	--	1,799
4th quarter	1,576	615	6	955
1982 total	9,022	3,270	6	5,746
1983--				
1st quarter	9,261	2,675	300	6,286
2d quarter	4,414	951	--	3,463
3d quarter				
4th quarter				
1983 total				
TO MAINLAND CHINA				
1982--				
1st quarter	1,466	1,466	--	--
2d quarter	--	--	--	--
3d quarter	--	--	--	--
4th quarter	7,826	7,816	--	10
1982 total	9,292	9,282	--	10
1983--				
1st quarter	2	--	--	2
2d quarter	--	--	--	--
3d quarter				
4th quarter				
1983 total				

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

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 15--Softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In million board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABERDEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NORTHEASTERN WASHINGTON	OTHER	TOTAL
1972	525.1	100.9	268.9	221.3	144.6	285.6	517.4	0.2	45.8	2,109.8
1973	491.5	84.5	250.4	328.7	86.9	306.0	511.1	0	54.0	2,113.7
1974	396.2	49.2	217.7	300.2	61.5	273.5	383.0	--	48.4	1,729.7
1975	366.8	32.2	230.0	261.3	48.6	284.7	469.2	--	32.9	1,725.7
1976	502.1	30.5	277.2	397.4	7.5	324.5	623.7	0	28.5	2,191.4
1977	402.1	42.1	237.7	328.2	68.7	304.6	607.6	--	12.0	2,003.0
1978	512.2	41.1	321.8	325.8	87.1	387.2	559.7	--	7.0	2,241.0
1979	648.7	50.9	332.8	366.1	101.0	505.0	601.7	--	9.9	2,616.1
1980	498.2	38.0	287.3	387.0	80.2	295.1	497.1	.1	3.1	2,086.1
1981	414.3	16.7	208.4	215.9	47.3	168.0	446.2	.1	14.9	1,531.8
1982--										
1st quarter	124.8	2.3	82.0	92.3	18.2	31.2	137.3	--	9.9	498.0
2d quarter	146.6	5.0	56.6	106.8	19.8	34.6	86.1	--	.4	455.9
3d quarter	151.7	3.7	94.4	95.1	14.4	51.2	128.3	--	3.2	542.0
4th quarter	129.2	0	77.3	80.3	10.2	35.6	142.4	0	.4	475.4
1982 total	552.3	11.0	310.3	374.5	62.6	152.6	494.1	--	13.9	1,971.3
1983--										
1st quarter	154.0	.2	61.0	67.8	12.3	47.0	126.4	0	.2	468.9
2d quarter	151.5	--	65.4	85.4	12.4	46.9	135.6	--	.2	497.4
3d quarter										
4th quarter										
1983 total										
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	TOTAL	EUREKA	SACRAMENTO	STOCKTON	OTHER	TOTAL
1972	262.6	121.0	115.5	9.4	508.5	51.9	2.8	19.4	0.9	75.0
1973	147.1	155.5	159.8	21.3	483.7	79.6	16.2	8.7	.2	140.7
1974	159.0	128.1	139.8	24.8	451.7	67.5	9.8	3.8	.2	81.3
1975	245.7	134.1	137.5	44.5	561.8	66.6	19.9	0	1.4	87.9
1976	273.3	144.6	99.5	28.0	545.4	83.7	26.1	0	--	109.8
1977	210.2	120.1	207.0	15.4	552.7	39.2	25.5	0	6.3	71.0
1978	168.4	145.1	277.0	15.0	605.5	46.1	18.4	--	8.2	72.7
1979	150.1	128.2	322.0	17.2	617.5	43.0	6.0	0	16.5	65.6
1980	134.7	135.2	275.8	0	545.7	14.9	3.9	.5	12.3	31.6
1981	73.3	113.8	268.2	0	455.3	6.6	13.3	0	5.6	25.5
1982--										
1st quarter	24.3	34.6	80.5	0	139.4	2.9	.7	0	0	3.6
2d quarter	15.0	62.3	74.9	2.3	154.5	1.1	0	0	0	1.1
3d quarter	23.8	50.6	88.3	0	162.7	2.6	0	0	1.2	3.9
4th quarter	30.2	43.6	65.8	0	139.6	9.4	0	0	--	9.4
1982 total	93.3	191.1	309.5	2.3	596.2	16.0	.7	0	1.2	17.9
1983--										
1st quarter	17.1	38.6	52.9	0	108.6	3.0	6.3	0	0	9.3
2d quarter	15.4	31.5	65.6	0	112.5	4.4	0	0	--	4.4
3d quarter										
4th quarter										
1983 total										

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

¹State totals as presented here for Washington and Oregon do not agree with those found in table 11 because customs districts as used in table 11 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 16--Average value of softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABERDEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NORTHEASTERN WASHINGTON	OTHER	AVERAGE
1972	134.28	128.21	129.47	144.82	146.76	129.52	131.82	146.73	123.50	133.86
1973	264.23	211.35	258.69	288.82	284.15	215.32	262.90	0	229.45	257.80
1974	266.16	261.07	257.85	292.13	282.38	246.79	274.24	--	262.10	268.58
1975	256.17	297.84	273.29	280.90	273.90	253.46	266.63	--	279.01	266.30
1976	269.90	293.96	287.08	302.53	302.53	261.25	277.21	0	252.97	277.26
1977	311.97	296.28	309.82	336.01	331.68	294.59	327.76	--	263.80	317.86
1978	332.92	295.77	334.87	379.57	347.93	319.97	340.91	--	344.67	339.68
1979	452.52	376.18	455.44	518.19	499.12	424.46	428.19	--	492.38	451.64
1980	490.53	414.44	473.47	506.59	510.63	472.08	523.11	280.95	538.84	495.76
1981	394.52	461.88	412.74	462.85	447.21	396.82	473.08	307.74	3.00	428.32
1982--										
1st quarter	380.65	426.87	400.05	468.48	344.77	330.56	494.55	--	361.85	426.93
2d quarter	384.93	345.24	393.68	431.73	392.29	393.59	444.10	--	516.93	408.80
3d quarter	345.40	382.35	365.02	381.49	335.77	345.14	410.92	--	365.36	370.75
4th quarter	305.42	--	314.24	394.39	349.98	385.10	373.17	0	542.07	349.31
1982 average	354.51	374.42	366.86	420.02	358.61	362.47	429.08	--	372.14	388.57
1983--										
1st quarter	303.16	333.33	330.21	356.07	409.69	352.28	329.46	0	371.31	329.36
2d quarter	312.44	--	334.46	356.59	457.21	325.38	354.57	--	876.79	339.46
3d quarter										
4th quarter										
1983 average										
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	AVERAGE	EUREKA	SACRAMENTO	STOCKTON	OTHER	AVERAGE
1972	127.03	194.93	144.27	140.31	147.35	129.24	189.29	179.64	129.17	144.52
1973	321.16	348.95	289.64	257.16	316.88	219.99	226.77	296.78	363.54	227.72
1974	300.21	363.95	302.18	291.33	318.41	295.56	317.05	328.16	252.62	299.55
1975	236.89	349.97	316.25	271.48	286.03	256.07	368.11	0	452.10	284.62
1976	267.63	372.46	337.44	253.76	307.45	292.15	367.73	0	--	312.31
1977	338.29	409.01	328.22	318.00	349.32	333.34	337.06	0	338.45	335.14
1978	325.32	512.44	366.77	330.78	389.23	353.99	362.18	--	372.07	359.09
1979	461.34	592.98	455.51	381.59	483.38	336.29	393.19	0	447.84	369.65
1980	452.99	604.08	488.22	0	508.23	462.98	485.28	379.65	535.17	492.37
1981	340.14	635.05	448.55	0	477.76	537.93	492.22	0	422.02	488.61
1982--										
1st quarter	374.36	662.94	428.37	--	477.27	254.98	279.64	0	--	269.51
2d quarter	356.55	495.97	395.56	420.00	432.61	382.60	--	0	--	384.06
3d quarter	320.14	444.68	424.05	--	415.29	309.34	--	0	429.34	346.75
4th quarter	273.91	445.04	361.47	--	368.63	361.07	--	0	--	363.40
1982 average	325.14	501.04	404.96	420.00	423.35	334.72	279.64	0	469.52	342.13
1983--										
1st quarter	296.53	434.13	357.26	0	375.04	424.42	378.55	0	0	396.64
2d quarter	280.88	392.41	358.59	0	357.45	251.83	0	0	--	254.78
3d quarter										
4th quarter										
1983 average										

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

¹State averages as presented here for Washington and Oregon do not agree with those found in table 13 because customs districts as used in table 13 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 17--Volume and average value of softwood log exports from Alaska ports by destination, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
TO ALL COUNTRIES		
1972	65,837	125.88
1973	71,719	248.23
1974	34,949	240.82
1975	29,011	307.97
1976	26,197	224.59
1977	52,377	263.54
1978	68,025	320.45
1979	128,597	470.97
1980	160,523	532.56
1981	149,187	480.54
1982--		
1st quarter	13,052	510.48
2d quarter	51,503	491.59
3d quarter	83,964	488.14
4th quarter	92,604	457.95
1982 total and average value	241,123	478.49
1983--		
1st quarter	33,522	404.75
2d quarter	63,788	440.78
3d quarter		
4th quarter		
1983 total and average value		
TO JAPAN		
1972	61,882	129.99
1973	71,705	248.24
1974	29,088	252.71
1975	24,311	352.29
1976	20,741	253.18
1977	46,897	278.99
1978	57,653	343.49
1979	120,753	475.21
1980	156,275	533.22
1981	141,209	491.44
1982--		
1st quarter	12,145	527.07
2d quarter	47,688	498.07
3d quarter	74,304	494.01
4th quarter	85,563	468.33
1982 total and average value	219,700	486.71
1983--		
1st quarter	28,469	421.84
2d quarter	56,182	462.00
3d quarter		
4th quarter		
1983 total and average value		
TO MAINLAND CHINA		
1981	3,205	377.57
1982--		
1st quarter	0	--
2d quarter	0	--
3d quarter	0	--
4th quarter	0	--
1982 total and average value	0	--
1983--		
1st quarter	0	--
2d quarter	0	--
3d quarter		
4th quarter		
1983 total and average value		

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 18--Volume and value of hardwood log exports from ports of Washington, Oregon, Alaska, and northern California, 1972-83

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

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
TO ALL COUNTRIES								
1972	2,999	882,806	68	133,979	0	--	1,320	2,015,855
1973	1,812	1,351,759	36	57,747	0	--	1,084	2,330,761
1974	633	1,121,192	45	95,342	0	--	560	1,515,476
1975	1,599	637,455	73	103,519	0	--	3,911	780,853
1976	3,750	1,646,972	236	136,188	0	--	659	1,239,777
1977	2,735	2,117,386	189	87,839	0	--	1,396	2,751,996
1978	2,362	2,190,449	75	91,486	11	19,250	1,772	4,088,466
1979	2,597	2,216,256	341	420,741	138	253,716	1,272	3,049,981
1980	6,826	5,153,711	2,026	764,511	186	44,960	900	2,260,961
1981	3,416	3,173,191	439	470,373	0	--	683	1,422,547
1982--								
1st quarter	757	570,264	75	84,642	0	--	133	287,243
2d quarter	1,276	975,968	12	34,519	0	--	371	849,259
3d quarter	1,098	596,836	236	56,494	0	--	88	193,891
4th quarter	657	751,733	12	41,808	0	--	31	33,834
1982 total	3,788	2,894,801	335	217,463	0	--	623	1,364,227
1983--								
1st quarter	1,926	1,000,110	34	60,676	0	--	32	73,503
2d quarter	719	486,610	7	9,100	0	--	20	16,787
3d quarter								
4th quarter								
1983 total								
TO JAPAN								
1972	1,374	727,475	64	130,060	0	--	1,126	1,761,797
1973	993	1,164,704	34	56,842	0	--	1,015	2,250,213
1974	540	1,063,245	37	84,293	0	--	485	1,093,502
1975	1,210	562,583	14	9,039	0	--	3,803	636,796
1976	3,313	1,416,317	235	134,988	0	--	456	1,005,649
1977	1,444	1,179,616	17	33,347	0	--	1,063	2,300,667
1978	1,178	819,332	57	84,025	0	--	1,248	3,059,204
1979	1,824	1,153,644	300	359,119	74	188,389	1,059	2,339,089
1980	4,786	1,969,245	1,964	726,891	182	42,200	579	1,532,496
1981	2,037	2,162,473	229	264,161	0	--	310	742,998
1982--								
1st quarter	225	170,982	7	11,107	0	--	89	193,489
2d quarter	350	515,986	12	34,519	0	--	275	615,675
3d quarter	482	124,445	13	12,070	0	--	48	94,040
4th quarter	408	400,666	3	6,808	0	--	5	8,788
1982 total	1,465	1,212,079	35	64,504	0	--	417	911,992
1983--								
1st quarter	529	495,749	22	22,516	0	--	32	73,503
2d quarter	174	176,659	7	9,100	0	--	20	16,787
3d quarter								
4th quarter								
1983 total								
TO MAINLAND CHINA								
1980	6	2,800	--	--	--	--	--	--
1981	0	--	0	--	0	--	0	--
1982--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1982 total								
1983--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter								
4th quarter								
1983 total								

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter. Washington Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Alaska Customs District is the State of Alaska. San Francisco Customs District includes Monterey and all ports north of Monterey, California.

Table 19--Log exports from southern California ports, by species, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	HARDWOODS
1972	631	203	92	336
1973	445	214	5	226
1974	378	32	130	216
1975	288	11	224	53
1976	2,396	1,411	670	315
1977	1,360	169	411	780
1978	1,721	172	917	632
1979	2,117	290	359	1,468
1980	1,149	295	610	244
1981	738	88	186	464
1982--				
1st quarter	209	3	27	179
2d quarter	103	4	28	71
3d quarter	56	0	42	14
4th quarter	429	274	114	41
1982 total	797	281	211	305
1983--				
1st quarter	20	0	0	20
2d quarter	93	0	22	71
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which 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 20--Volume and average value of softwood log exports to Canada from the Montana Customs District, 1972-83^{1/}

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

YEAR AND QUARTER	ALL SPECIES		DOUGLAS-FIR		OTHER SOFTWOODS	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	392	113.71	19	162.89	373	111.20
1973	379	177.58	93	261.16	286	150.40
1974	925	178.24	19	149.05	906	178.86
1975	739	226.93	72	274.78	667	221.76
1976	571	228.43	103	254.08	468	222.78
1977	1,227	247.66	467	251.10	760	245.54
1978	901	226.05	136	367.43	765	200.91
1979	3,906	168.47	0	--	3,906	168.47
1980	699	239.88	36	303.53	663	236.42
1981	477	362.68	123	475.06	354	323.64
1982--						
1st quarter	142	273.20	16	203.81	126	282.01
2d quarter	64	349.36	0	--	64	349.36
3d quarter	58	340.50	0	--	58	340.50
4th quarter	154	250.44	0	--	154	250.44
1982 total and average value	418	285.81	16	203.81	402	289.07
1983--						
1st quarter	63	310.65	0	--	63	610.65
2d quarter	317	254.09	0	--	317	254.09
3d quarter						
4th quarter						
1983 total and average value						

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.

^{1/}Montana Customs District includes all ports in Montana and Idaho.

Table 21--Log exports from British Columbia ports, by species and destination, 1972-83^{1/}

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	55,866	836	13,956	18,477	14,958	3,965	3,674
1973	35,716	1,852	9,750	7,441	13,647	1,211	1,815
1974	148,801	11,790	31,528	67,843	27,355	4,973	5,312
1975	85,082	2,406	18,914	19,373	41,416	1,505	2,188
1976	116,193	5,390	39,069	21,901	41,959	3,346	4,528
1977	186,511	10,085	118,085	36,048	19,835	754	1,704
1978	128,853	8,592	24,467	45,143	49,767	530	354
1979	169,107	2,431	56,504	56,954	43,201	4,135	5,882
1980	231,784	8,907	106,193	49,590	36,756	12,155	18,183
1981	184,481	856	98,579	24,616	37,774	18,943	3,713
1982--							
1st quarter	51,064	169	24,488	11,263	9,972	5,168	4
2d quarter	48,932	5,360	13,416	8,730	9,928	9,742	1,756
3d quarter	72,310	17,262	17,169	9,655	9,830	12,973	5,421
4th quarter	80,586	25,401	20,658	8,357	10,716	9,204	6,250
1982 total	252,892	48,192	75,731	38,005	40,446	37,087	13,431
1983--							
1st quarter	135,976	44,710	41,072	4,176	17,097	17,360	11,021
2d quarter	107,628	30,266	27,731	3,065	12,059	7,811	26,696
3d quarter							
4th quarter							
1983 total							
TO JAPAN							
1972	46,059	567	13,478	13,412	14,938	3,664	0
1973	29,239	1,293	8,058	6,205	13,284	399	0
1974	80,655	2,167	22,968	31,915	16,503	2,304	4,798
1975	61,728	1,460	10,477	7,696	39,470	1,253	1,372
1976	67,192	792	17,026	7,343	39,905	470	1,656
1977	109,301	5,106	65,092	23,413	15,489	201	0
1978	90,001	4,094	16,890	24,038	44,814	99	66
1979	120,297	1,894	49,281	27,597	35,883	3,636	2,056
1980	154,824	1,692	61,500	35,346	36,157	6,939	13,190
1981	131,321	698	71,645	17,427	31,541	10,010	0
1982--							
1st quarter	41,921	163	18,649	11,263	9,530	2,316	0
2d quarter	14,779	84	4,177	3,286	4,211	3,021	0
3d quarter	41,823	6,187	12,879	5,257	8,461	8,413	626
4th quarter	31,934	1,771	15,898	3,653	7,604	3,008	0
1982 total	130,457	8,205	51,603	23,459	29,806	16,758	626
1983--							
1st quarter	72,481	15,996	35,674	4,346	11,558	4,907	0
2d quarter	40,003	10,139	10,968	3,062	9,547	6,258	29
3d quarter							
4th quarter							
1983 total							

Table 21--Log exports from British Columbia ports, by species and destination, 1972-83^{1/} (continued)

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES							
1972	9,807	269	478	5,065	20	301	3,674
1973	6,471	559	1,692	1,236	363	812	1,809
1974	68,146	9,623	8,560	35,928	10,852	2,669	514
1975	23,354	946	7,717	11,677	1,946	252	816
1976	48,911	4,598	22,043	14,558	1,964	2,876	2,872
1977	74,442	4,979	50,817	12,043	4,346	553	1,704
1978	32,843	4,498	6,039	19,144	2,443	431	288
1979	48,810	537	7,223	29,357	7,368	499	3,826
1980	76,955	7,215	44,693	14,244	594	5,216	4,993
1981	50,324	158	26,934	7,189	4,340	8,879	2,824
1982--							
1st quarter	9,143	6	5,839	0	442	2,852	4
2d quarter	18,413	40	6,732	3,619	775	6,436	811
3d quarter	15,114	45	5,910	2,960	1,369	4,560	270
4th quarter	21,230	1,433	4,760	4,126	3,109	6,196	1,606
1982 total	63,900	1,524	23,241	10,705	5,695	20,044	2,691
1983--							
1st quarter	20,371	2,790	5,398	370	2,443	7,562	1,808
2d quarter	23,402	1,441	16,763	0	2,512	1,553	1,133
3d quarter							
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	0	0	0	0	0	0	0
2d quarter	9,023	5,226	0	0	3,787	0	0
3d quarter	11,030	11,030	0	0	0	0	4,472
4th quarter	26,636	22,197	0	0	0	0	4,439
1982 total	46,689	38,463	0	0	3,787	0	8,911
1983--							
1st quarter	43,124	25,924	0	0	3,096	4,891	9,213
2d quarter	44,220	18,686	0	0	0	0	25,534
3d quarter							
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

^{1/}Figures do not include shipments of pulpwood logs.

Table 22--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
1972	8,451	80.44
1973	2,102	124.71
1974	31,625	248.69
1975	55,494	207.13
1976	44,438	122.62
1977	91,962	194.93
1978	41,307	271.29
1979	75,855	298.89
1980	51,828	233.08
1981	33,985	319.77
1982--		
1st quarter	9,145	314.18
2d quarter	12,099	340.07
3d quarter	13,146	304.62
4th quarter	25,102	304.55
1982 total and average value	59,492	313.27
1983--		
1st quarter	27,366	255.60
2d quarter	9,803	161.82
3d quarter		
4th quarter		
1983 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 23--Volume and average value of pulpwood imports from Canada into the Washington Customs District, 1972-83

YEAR AND QUARTER	CHIPPED PULPWOOD		ROUNDWOOD PULPWOOD	
	VOLUME	VALUE	VOLUME	VALUE
	<u>Short tons</u>	<u>Dollars</u>	<u>Cords</u>	<u>Dollars</u>
1972	909,926	9.87	2,300	47.56
1973	1,085,124	11.19	16	97.06
1974	623,830	15.55	31,998	60.08
1975	493,761	23.36	11,517	42.90
1976	877,550	20.98	1,967	32.14
1977	1,056,102	18.59	16,674	91.19
1978	1,215,483	16.37	0	--
1979	1,039,458	17.19	0	--
1980	1,185,701	26.77	57,337	66.64
1981	1,160,507	32.33	23,084	130.11
1982--				
1st quarter	350,630	33.44	0	--
2d quarter	357,400	35.98	7,659	118.52
3d quarter	275,629	29.92	661	379.31
4th quarter	264,154	27.57	0	--
1982 total and average value	1,247,813	32.15	8,320	139.24
1983--				
1st quarter	337,359	26.69	0	--
2d quarter	371,580	23.22	0	--
3d quarter				
4th quarter				
1983 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 24--Volume and average value of chips exported from the Washington, Oregon, San Francisco, and Alaska Customs Districts, 1972-83

(In short tons, oven-dried basis; average value in dollars per short ton)

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	168,725	19.56	2,081,032	22.12	253,401	27.76	20,158	25.76
1973	272,196	21.84	2,778,829	24.85	369,403	24.41	0	--
1974	390,370	28.62	3,177,465	26.50	242,017	30.69	34,828	28.99
1975	326,083	38.56	2,436,807	34.74	257,735	28.96	32,399	48.51
1976	457,801	33.39	2,881,577	39.90	366,678	34.76	107,652	37.89
1977	281,540	49.17	2,892,333	43.33	519,444	42.91	107,429	51.67
1978	299,140	46.16	2,650,423	42.98	412,107	40.82	31,827	37.20
1979	346,209	50.05	3,125,103	42.55	603,989	44.69	83,706	48.62
1980	268,103	79.53	2,849,927	88.44	728,459	85.81	151,328	75.57
1981	296,461	80.74	2,076,612	85.51	321,533	89.89	77,649	73.61
1982--								
1st quarter	83,962	88.46	502,602	83.30	57,573	85.69	0	--
2d quarter	64,361	75.43	475,798	83.38	71,127	76.73	27,430	56.53
3d quarter	74,513	83.00	500,303	84.57	25,212	88.67	32,404	77.99
4th quarter	105,538	71.67	435,736	81.80	42,380	88.18	14,330	72.44
1982 total and average value	328,374	79.27	1,914,439	83.31	196,292	83.36	74,164	68.98
1983--								
1st quarter	69,722	75.40	400,690	70.19	57,310	67.87	6,645	34.67
2d quarter	64,243	74.74	441,218	70.65	116,439	67.39	0	--
3d quarter								
4th quarter								
1983 total and average value								

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. Washington Customs District includes all ports in the State of Washington, except Longview and Vancouver. Oregon 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 Alaska Customs District is the State of Alaska.

Table 25--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	406,493	321,761	30,772	53,960	164,472	99,927	21,994	42,551	242,021	221,834	8,778	11,409
1973	799,631	532,321	169,927	97,383	324,740	143,666	104,851	76,223	474,891	388,655	65,076	21,160
1974	719,729	496,978	124,047	98,704	331,818	174,056	79,399	78,363	387,911	322,922	44,648	20,341
1975	616,883	415,152	125,529	76,202	263,754	151,681	52,064	60,009	353,129	263,471	73,465	16,193
1976	698,941	478,100	145,645	75,196	311,599	155,041	94,581	61,977	387,342	323,059	51,064	13,219
1977	549,059	372,609	125,479	50,971	256,703	123,783	92,364	40,556	292,356	248,826	33,115	10,415
1978	585,588	374,032	135,156	76,400	310,100	128,895	118,094	63,111	275,488	245,137	17,062	13,289
1979	839,895	427,063	280,067	132,765	413,673	98,685	211,030	103,858	426,322	328,378	69,031	28,907
1980	984,882	449,123	338,487	197,272	521,728	106,671	270,706	144,351	463,154	342,452	67,781	52,921
1981	933,739	451,075	268,024	214,640	467,886	139,070	173,000	155,816	465,853	312,005	95,024	58,824
1982--												
1st quarter	230,902	106,344	80,882	43,676	124,372	33,409	62,730	28,233	106,530	72,935	18,152	15,443
2d quarter	236,114	120,027	75,976	40,111	130,958	36,225	62,809	31,924	105,156	83,802	13,167	8,187
3d quarter	177,462	92,221	52,332	32,909	73,300	16,992	33,343	22,965	104,162	75,229	18,989	9,944
4th quarter	243,923	100,671	97,711	45,541	144,326	30,423	78,292	35,611	99,597	70,248	19,419	9,930
1982 total	888,401	419,263	306,901	162,237	472,956	117,049	237,174	118,733	415,445	302,214	69,727	43,504
1983--												
1st quarter	249,498	124,545	72,467	52,486	136,719	32,870	56,501	47,348	112,779	91,675	15,966	5,138
2d quarter	299,636	156,898	80,312	62,426	161,445	49,765	64,356	47,324	138,191	107,133	15,956	15,102
3d quarter												
4th quarter												
1983 total												
TO JAPAN												
1972	23,699	3,437	10,589	9,673	14,951	571	7,291	7,089	8,748	2,866	3,298	2,584
1973	153,537	40,402	99,707	13,428	89,514	19,247	64,966	5,301	64,023	21,155	34,741	8,127
1974	205,888	102,858	77,973	25,057	103,531	44,424	47,616	11,491	102,357	58,434	30,357	13,500
1975	208,160	96,307	96,610	15,243	89,489	40,991	45,359	3,139	118,671	55,316	51,251	12,104
1976	186,628	68,927	107,884	9,817	127,553	39,430	80,891	7,232	59,075	29,497	26,993	2,585
1977	145,386	40,945	93,719	10,722	108,468	20,845	80,161	7,462	36,918	20,100	13,558	3,260
1978	163,233	36,429	108,610	18,194	141,963	25,609	103,056	13,289	21,270	10,820	5,554	4,896
1979	355,840	75,567	227,702	52,571	258,444	45,549	177,239	35,656	97,396	30,018	50,463	16,915
1980	362,458	53,084	249,729	59,645	269,406	26,428	199,237	43,741	93,052	26,656	50,492	15,904
1981	312,232	55,479	206,837	49,916	189,547	25,966	128,307	35,274	122,685	29,513	78,530	14,642
1982--												
1st quarter	114,615	27,423	71,237	15,955	75,262	12,553	54,332	8,377	39,353	14,870	16,905	7,578
2d quarter	100,834	20,511	65,527	14,796	75,174	10,813	53,188	11,173	25,660	9,698	12,339	3,623
3d quarter	65,620	16,197	41,041	8,382	36,378	4,811	26,251	5,316	29,242	11,386	14,790	3,066
4th quarter	133,152	30,030	83,039	20,083	96,686	13,642	68,004	15,040	36,466	16,388	15,035	5,043
1982 total	414,221	94,161	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983--												
1st quarter	111,529	28,259	62,186	21,084	77,376	10,277	47,871	19,228	34,153	17,982	14,315	1,856
2d quarter	116,414	29,497	67,962	18,955	86,712	16,280	54,250	16,182	29,702	13,217	13,712	2,773
3d quarter												
4th quarter												
1983 total												

Table 25--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/} (continued)

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	70,297	42,581	8,687	19,029	70,297	42,581	8,687	19,029	0	0	0	0
1973	88,695	49,381	9,340	29,974	88,695	49,381	9,340	29,974	0	0	0	0
1974	126,547	67,856	5,952	52,739	124,097	65,406	5,952	52,739	2,763R	2,763R	0	32R
1975	113,213	61,099	4,299	47,815	112,783	61,099	3,869	47,815	0R	0	0R	0
1976	101,633	50,327	6,737	44,569	101,633	50,327	6,737	44,569	0	0	0	0
1977	76,251	45,842	3,695	26,714	76,251	45,842	3,695	26,714	0	0	0	0
1978	117,969	69,852	9,241	38,876	117,930	69,813	9,241	38,876	39	39	0	0
1979	113,977	38,917	18,870	56,190	113,977	38,917	18,870	56,190	0	0	0	0
1980	159,658	54,876	26,325	78,457	159,658	54,876	26,325	78,457	0	0	0	0
1981	213,594	91,861	20,598	101,135	213,594	91,861	20,598	101,135	0	0	0	0
1982												
1st quarter	35,512	14,891	5,260	15,361	35,512	14,891	5,260	15,361	0	0	0	0
2d quarter	30,063	14,498	2,112	13,453	30,063	14,498	2,112	13,453	0	0	0	0
3d quarter	24,377	8,853	1,872	13,652	24,377	8,853	1,872	13,652	0	0	0	0
4th quarter	30,237	12,531	1,883	15,823	30,237	12,531	1,883	15,823	0	0	0	0
1982 total	120,189	50,773	11,127	58,289	120,189	50,773	11,127	58,289	0	0	0	0
1983--												
1st quarter	42,952	17,999	2,467	22,486	42,952	17,999	2,467	22,486	0	0	0	0
2d quarter	55,975	26,494	2,681	26,800	55,975	26,494	2,681	26,800	0	0	0	0
3d quarter												
4th quarter												
1983 total												
TO MAINLAND CHINA												
1981	9,041	8,829	20	192	335	123	20	192	8,706	8,706	0	0
1982--												
1st quarter	5	5	0	0	0	0	0	0	5	5	0	0
2d quarter	0	0	0	0	0	0	0	0	0	0	0	0
3d quarter	2,194	2,194	0	0	0	0	0	0	2,194	2,194	0	0
4th quarter	49	49	0	0	0	0	0	0	49	49	0	0
1982 total	2,248	2,248	0	0	0	0	0	0	2,248	2,248	0	0
1983--												
1st quarter	0	0	0	0	0	0	0	0	0	0	0	0
2d quarter	1,627	1,627	0	0	0	0	0	0	1,627	1,627	0	0
3d quarter												
4th quarter												
1983 total												

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

¹Includes lumber classified as railroad crossties and not specified by species.

R = revised.

Table 26--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}
(in dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLUCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLUCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLUCK	OTHER SOFT-WOODS
TO ALL COUNTRIES												
1972	208.54	223.60	102.74	179.03	177.86	195.96	98.99	176.10	229.39	236.06	112.13	189.95
1973	269.96	310.24	174.98	215.55	211.88	262.75	166.56	178.33	309.68	327.79	188.94	349.63
1974	283.80	310.19	211.88	241.28	242.67	267.93	205.45	224.26	318.98	332.98	223.32	306.82
1975	263.14	283.95	206.11	243.68	220.36	228.52	191.93	224.40	295.09	315.86	216.16	315.10
1976	318.61	350.52	220.15	306.38	260.23	280.33	217.02	275.88	365.57	384.21	225.95	449.34
1977	340.02	371.97	240.66	350.99	278.19	291.17	242.18	320.55	394.31	412.17	236.43	469.55
1978	362.29	403.55	266.51	329.76	290.19	309.81	266.70	294.06	443.46	452.34	265.25	499.35
1979	518.36	639.18	377.08	427.85	401.51	471.86	371.57	395.90	631.60	699.47	393.73	542.65
1980	436.14	560.96	319.83	351.55	324.62	361.19	310.48	324.13	561.77	623.19	357.18	426.36
1981	387.06	436.65	342.81	338.11	332.62	360.84	322.81	318.31	441.75	470.44	379.24	390.55
1982--												
1st quarter	378.22	419.28	319.39	387.17	313.31	321.03	308.56	314.73	453.99	464.29	356.79	519.61
2d quarter	396.44	466.38	294.26	380.70	308.16	321.36	294.93	319.21	506.38	529.06	291.06	620.47
3d quarter	366.63	423.37	287.56	333.33	312.22	338.91	303.14	305.66	404.91	442.45	260.20	397.24
4th quarter	327.75	382.27	268.88	333.52	375.66	248.48	270.22	310.86	402.22	440.21	263.52	414.79
1982 average	366.89	424.78	291.66	359.59	303.23	304.87	291.53	313.02	442.78	471.22	292.09	406.70
1983--												
1st quarter	349.88	386.89	312.11	314.22	305.05	397.05	313.84	300.12	404.23	419.10	305.96	444.15
2d quarter	328.44	345.86	303.90	316.22	289.95	283.36	309.54	270.24	373.41	374.90	281.06	460.30
3d quarter												
4th quarter												
1983 average												
TO JAPAN												
1972	146.85	183.16	108.34	176.11	146.56	178.24	103.02	188.79	147.35	184.14	120.11	141.32
1973	204.26	198.89	191.64	314.19	194.09	186.88	190.83	260.23	216.49	209.81	193.15	349.39
1974	221.96	228.74	210.08	231.13	217.74	226.46	206.72	229.73	226.23	230.47	215.35	232.32
1975	188.89	155.39	202.62	313.48	188.14	167.70	182.71	533.56	189.45	146.27	220.23	256.41
1976	220.76	204.96	218.97	315.40	223.82	232.17	209.63	337.05	214.14	168.59	246.94	391.56
1977	243.68	249.38	240.35	250.06	246.50	266.64	240.37	256.19	235.40	231.45	240.28	239.31
1978	299.96	393.04	266.25	314.88	293.87	396.05	263.56	332.17	340.64	385.92	316.02	268.52
1979	418.26	491.38	376.08	495.86	407.98	488.99	372.67	480.04	445.53	495.01	388.04	529.21
1980	353.02	391.89	332.12	405.92	346.43	391.76	326.23	411.03	372.09	392.01	355.34	391.88
1981	357.26	436.99	321.23	417.97	357.88	428.98	322.83	433.00	356.32	444.04	318.60	381.77
1982--												
1st quarter	336.07	380.63	312.98	362.50	310.10	325.15	301.45	343.65	385.72	427.53	350.02	383.34
2d quarter	334.49	322.38	343.56	311.11	286.35	304.56	282.24	288.27	475.53	342.25	607.88	361.55
3d quarter	281.26	246.83	250.90	496.45	258.45	194.53	235.77	428.28	309.64	268.93	277.75	614.66
4th quarter	289.73	289.68	270.20	370.57	279.43	252.27	365.88	365.37	317.04	320.63	289.74	386.08
1982 average	312.11	315.93	297.27	371.19	286.72	281.02	275.85	347.61	359.52	343.62	370.45	420.45
1983--												
1st quarter	309.30	285.24	313.18	330.11	300.64	268.24	295.68	330.32	328.91	294.94	371.70	327.95
2d quarter	297.69	279.61	304.03	303.07	297.66	262.05	307.48	300.56	297.77	301.25	290.39	317.72
3d quarter												
4th quarter												
1983 average												

Table 26--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}(continued)
(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SUFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SUFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SUFT-WOODS
TO CANADA												
1972	145.61	154.44	109.13	143.25	145.81	154.44	109.13	143.25	--	--	--	--
1973	182.24	192.12	120.04	185.34	182.24	192.12	120.04	185.34	--	--	--	--
1974	205.78	223.84	196.55	183.58	202.89	219.16	196.55	183.40	312.23K	312.37K	--	300.03K
1975	189.59	200.09	199.95	175.20	189.59	200.09	199.95	175.20	--	--	--	--
1976	243.28	257.29	245.57	227.11	243.28	257.29	245.57	227.11	--	--	--	--
1977	237.20	205.68	272.32	286.43	237.20	205.68	272.32	286.43	--	--	--	--
1978	186.31	152.21	240.99	234.59	186.20	151.99	240.99	234.59	536.67	536.67	--	--
1979	333.39	384.39	331.18	298.58	333.28	384.39	331.18	298.58	--	--	--	--
1980	263.66	285.72	252.59	251.96	263.66	285.72	252.59	251.96	--	--	--	--
1981	281.69	298.64	301.46	241.23	271.69	298.64	301.46	241.23	--	--	--	--
1982--												
1st quarter	266.80	264.46	290.34	261.00	266.80	264.46	290.34	261.00	--	--	--	--
2d quarter	295.12	322.23	344.18	258.16	295.12	322.23	344.48	258.16	--	--	--	--
3d quarter	255.32	265.26	360.63	234.43	255.32	265.26	360.63	234.43	--	--	--	--
4th quarter	234.81	214.63	321.75	241.58	234.81	214.63	321.75	241.58	--	--	--	--
1982 average	263.51	268.80	317.76	248.85	263.51	268.80	317.73	248.85	--	--	--	--
1983--												
1st quarter	263.27	278.36	325.74	244.33	263.27	278.36	325.74	244.33	--	--	--	--
2d quarter	259.43	277.71	332.15	234.08	259.43	277.71	332.15	234.08	--	--	--	--
3d quarter												
4th quarter												
1983 average												
TO HAINLAND CHINA												
1981	283.78	286.62	741.60	105.42	270.55	450.82	741.60	105.42	284.30	284.30	--	--
1982--												
1st quarter	170.00	170.00	--	--	--	--	--	--	170.00	170.00	--	--
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	258.05	258.05	--	--	--	--	--	--	258.05	258.05	--	--
4th quarter	195.63	195.63	--	--	--	--	--	--	195.63	195.63	--	--
1982 average	257.07	257.07	--	--	--	--	--	--	257.07	257.07	--	--
1983--												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	314.97	314.97	--	--	--	--	--	--	314.97	314.97	--	--
3d quarter												
4th quarter												
1983 average												

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

^{1/}Includes lumber classified as railroad crossties and not specified by species.

R = revised.

Table 27--Softwood lumber exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	48,914	20,843	135	27,936
1973	73,842	30,746	2,530	40,566
1974	35,314	17,350	815	17,149
1975	27,628	13,388	636	13,604
1976	40,585	14,430	462	25,693
1977	44,438	18,951	1,137	24,350
1978	32,919	12,931	684	19,304
1979	30,832	10,539	1,498	18,795
1980	34,603	10,531	3,777	20,295
1981	47,315	7,841	12,037	27,437
1982--				
1st quarter	10,323	2,497	1,607	6,219
2d quarter	13,228	4,446	1,750	7,032
3d quarter	13,922	2,738	1,220	9,964
4th quarter	15,244	4,174	2,959	8,111
1982 total	52,717	13,855	7,536	31,326
1983--				
1st quarter	11,357	4,060	1,748	5,549
2d quarter	12,600	5,643	2,584	4,373
3d quarter				
4th quarter				
1983 total				
TO JAPAN				
1972	6,884	17	28	6,839
1973	4,963	328	2,359	2,276
1974	3,208	317	12	2,879
1975	4,303	337	--	3,966
1976	5,724	168	396	5,160
1977	7,766	1,354	--	6,412
1978	6,763	107	200	6,456
1979	8,854	0	700	8,154
1980	17,384	1,160	3,256	12,968
1981	29,437	2,608	11,834	14,995
1982--				
1st quarter	8,480	2,024	1,557	4,899
2d quarter	8,809	2,049	1,737	5,023
3d quarter	10,668	1,448	1,170	8,050
4th quarter	10,256	1,764	2,117	6,375
1982 total	38,213	7,285	6,581	24,347
1983--				
1st quarter	7,519	1,381	1,748	4,390
2d quarter	6,585	578	2,460	3,547
3d quarter				
4th quarter				
1983 total				
TO MAINLAND CHINA				
1981	93	0	0	93
1982--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	5	0	0	5
4th quarter	17	17	0	0
1982 total	22	17	0	5
1983--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 28--Softwood lumber exports from southern California ports, by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOOD
TO ALL COUNTRIES			
1972	56,599	23,938	32,661
1973	52,608	19,599	33,009
1974	46,514	18,684	27,830
1975	56,759	23,596	33,163
1976	61,256	23,078	38,178
1977	72,588	26,895	45,693
1978	74,347	27,661	46,686
1979	81,372	20,388	60,984
1980	95,641	24,830	70,811
1981	109,451	18,809	90,642
1982--			
1st quarter	21,918	1,969	19,949
2d quarter	26,975	2,928	24,047
3d quarter	15,081	1,680	13,401
4th quarter	7,238	914	6,324
1982 total	71,212	7,491	63,721
1983--			
1st quarter	6,717	494	6,223
2d quarter	8,472	355	8,117
3d quarter			
4th quarter			
1983 total			
TO JAPAN			
1972	1,578	12	1,566
1973	264	--	264
1974	64	--	64
1975	119	--	119
1976	377	--	377
1977	172	73	99
1978	471	--	471
1979	739	--	739
1980	2,330	237	2,093
1981	1,477	360	1,117
1982--			
1st quarter	245	0	245
2d quarter	3	0	3
3d quarter	12	12	0
4th quarter	30	0	30
1982 total	290	12	278
1983--			
1st quarter	0	0	0
2d quarter	2,155	0	2,155
3d quarter			
4th quarter			
1983 total			

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

¹Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

Table 29--Softwood lumber exports from Alaska ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL	WESTERN HEMLOCK	SITKA SPRUCE	CEUAR	OTHER SOFTWOODS
TO ALL COUNTRIES					
1972	340,196	155,407	184,649	0	140
1973	404,849	210,555	194,143	12	139
1974	362,432	250,144	154,525	2,641	122
1975	313,307	179,398	132,556	1,353	0
1976	290,011	134,387	148,526	1,298	5,800
1977	250,044	122,544	121,350	5,579	571
1978	237,795	126,218	111,435	53	89
1979	278,462	172,005	103,844	479	2,134
1980	256,716	158,682	96,607	105	1,322
1981	195,981	104,974	91,007	0	0
1982--					
1st quarter	49,526	16,908	32,618	0	0
2d quarter	54,839	23,000	30,178	0	1,661
3d quarter	34,136	13,765	20,371	0	0
4th quarter	33,465	321,827	311,638	0	0
1982 total	171,966	75,500	94,805	0	1,661
1983--					
1st quarter	42,858	20,389	21,854	0	615
2d quarter	23,333	10,727	11,545	0	1,061
3d quarter					
4th quarter					
1983 total					
TO JAPAN					
1972	336,798	152,555	184,243	0	0
1973	403,938	210,536	193,390	12	0
1974	361,691	204,845	154,205	2,641	0
1975	312,976	179,122	132,501	1,353	0
1976	289,197	134,274	148,221	902	5,800
1977	245,445	122,471	121,083	1,391	500
1978	236,615	125,355	111,207	53	0
1979	273,615	170,149	101,408	435	1,623
1980	251,369	156,654	94,610	105	0
1981	161,794	82,753	79,041	0	0
1982--					
1st quarter	39,046	13,050	25,996	0	0
2d quarter	53,846	23,000	30,178	0	668
3d quarter	29,469	13,315	16,154	0	0
4th quarter	33,465	21,827	11,638	0	0
1982 total	155,826	71,192	83,966	0	668
1983--					
1st quarter	34,269	18,795	14,937	0	537
2d quarter	22,230	10,626	10,543	0	1,061
3d quarter					
4th quarter					
1983 total					
TO MAINLAND CHINA					
1981	27,149	18,428	8,721	0	0
1982--					
1st quarter	9,479	2,857	6,622	0	0
2d quarter	0	0	0	0	0
3d quarter	3,674	450	3,224	0	0
4th quarter	0	0	0	0	0
1982 total	13,153	3,307	9,846	0	0
1983--					
1st quarter	5,976	1,582	4,394	0	0
2d quarter	0	0	0	0	0
3d quarter					
4th quarter					
1983 total					

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

Table 30--Softwood lumber exports to Canada from the Montana Customs District, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
1972	16,360	6,391	1,595	8,374
1973	47,727	30,526	3,334	13,867
1974	29,146	9,613	3,602	15,926
1975	50,226	12,745	4,516	32,965
1976	56,451	19,050	3,521	33,880
1977	46,488	12,660	3,463	30,365
1978	44,612	12,691	2,276	29,645
1979	81,671	22,067	1,632	57,972
1980	57,556	14,030	1,803	41,723
1981	82,933	18,196	1,308	63,429
1982--				
1st quarter	13,582	2,047	231	11,304
2d quarter	10,114	1,573	56	8,485
3d quarter	11,699	2,763	194	8,742
4th quarter	12,023	2,212	209	9,602
1982 total	47,418	8,595	690	38,133
1983--				
1st quarter	16,216	3,428	230	12,558
2d quarter	21,160	4,397	185	16,578
3d quarter				
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Montana Customs District includes all ports in Montana and Idaho.

Table 31--Lumber exports from British Columbia ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	3,834,552	707,112	1,801,818	406,409	634,563	278,836	5,814
1973	4,169,812	566,535	2,032,594	456,522	766,830	344,401	2,930
1974	3,938,940	527,706	1,699,277	406,419	914,787	387,043	3,708
1975	3,001,410	356,371	1,113,665	295,218	825,527	409,507	1,122
1976	4,670,033	542,197	1,967,446	467,829	1,191,429	499,853	1,279
1977	5,860,807	683,614	2,364,028	533,267	2,269,876	8,796	1,226
1978	5,876,119	679,566	2,492,764	570,796	2,116,258	15,674	1,061
1979	5,755,532	679,694	2,313,186	646,701	1,983,829	129,161	2,961
1980	5,160,800	498,425	2,098,672	988,347	1,872,234	99,624	3,498
1981	4,421,519	420,466	1,805,988	604,608	1,495,892	93,086	1,479
1982--							
1st quarter	1,045,913	99,313	451,692	166,216	56,025	272,403	264
2d quarter	1,236,274	99,590	508,243	176,105	64,291	387,718	327
3d quarter	1,018,860	86,096	420,486	151,808	41,548	309,280	9,642
4th quarter	941,852	54,933	423,578	141,736	46,354	274,940	311
1982 total	4,242,899	339,932	1,803,999	635,865	208,218	1,244,341	10,544
1983--							
1st quarter	1,173,746	80,455	503,998	161,250	62,562	363,111	2,370
2d quarter	1,231,102	92,469	556,169	183,459	42,115	355,453	1,437
3d quarter							
4th quarter							
1983 total							
TO JAPAN							
1972	400,051	15,268	300,460	46,052	34,003	526	3,742
1973	617,449	12,987	441,852	88,946	71,531	1,849	284
1974	500,785	15,335	349,560	83,749	49,116	2,490	535
1975	407,674	12,870	301,336	60,490	30,488	2,405	85
1976	633,863	13,727	476,927	79,934	61,743	1,521	11
1977	705,823	18,530	530,567	90,447	65,943	85	251
1978	779,135	23,799	545,983	116,368	92,940	0	45
1979	1,014,481	44,021	677,425	158,121	133,358	546	1,010
1980	1,084,426	55,800	701,579	136,130	185,379	4,158	1,380
1981	867,636	34,239	577,901	129,256	125,324	717	199
1982--							
1st quarter	321,362	17,735	220,513	33,431	18,192	31,401	90
2d quarter	300,572	10,662	219,718	23,776	15,107	31,275	34
3d quarter	221,355	8,972	149,475	28,409	14,650	19,849	0
4th quarter	205,082	7,022	123,919	34,284	18,760	21,082	15
1982 total	1,048,371	44,391	713,625	119,900	66,709	103,607	139
1983--							
1st quarter	284,327	10,068	189,631	32,141	19,963	32,499	25
2d quarter	241,695	7,198	157,455	31,260	11,849	33,914	19
3d quarter							
4th quarter							
1983 total							

Table 31--Lumber exports from British Columbia ports, by species and destination, 1972-83 (continued)

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES ¹							
1972	2,679,159	505,902	1,155,419	254,521	491,217	270,029	2,071
1973	2,601,556	347,653	1,143,329	240,978	544,634	322,316	2,646
1974	2,287,461	302,112	761,924	207,138	659,751	353,487	3,049
1975	2,026,343	238,331	542,256	166,949	684,404	393,391	1,012
1976	2,965,011	322,793	978,784	267,831	938,185	456,237	1,181
1977	4,107,653	529,808	1,340,920	333,604	1,894,371	7,988	962
1978	4,078,666	501,841	1,443,548	365,062	1,751,741	15,496	978
1979	3,528,648	462,658	1,125,807	382,991	1,429,014	126,536	1,642
1980	2,590,889	283,482	775,428	355,821	1,079,387	94,683	2,088
1981	2,337,958	228,856	803,019	394,800	813,733	96,305	1,245
1982--							
1st quarter	454,409	38,338	143,946	105,038	28,766	138,161	160
2d quarter	598,691	45,348	178,235	129,618	35,901	209,335	254
3d quarter	487,198	40,730	138,339	104,856	23,304	179,603	366
4th quarter	477,427	33,360	176,993	91,122	23,343	152,313	296
1982 total	2,017,725	157,776	637,513	430,634	111,314	679,412	1,076
1983--							
1st quarter	596,902	42,067	197,343	107,140	39,938	209,966	448
2d quarter	716,670	50,047	282,102	125,052	27,625	231,261	583
3d quarter							
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	37	0	0	0	0	37	0
2d quarter	8,663	0	6,426	0	0	2,337	0
3d quarter	15,481	0	6,290	0	0	0	9,191
4th quarter	19,025	0	28,877	0	624	2,240	0
1982 total	43,206	0	28,877	0	624	4,951	9,191
1983--							
1st quarter	16,970	0	10,445	0	0	4,663	1,862
2d quarter	27,465	0	23,994	0	0	3,471	0
3d quarter							
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

¹Figures do not include shipments of railroad crossties.

Table 32--Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83

(In thousand square feet)

YEAR AND QUARTER	FROM BOTH CUSTOMS DISTRICTS		FROM WASHINGTON CUSTOMS DISTRICT		FROM OREGON 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
TO ALL COUNTRIES						
1972	122,242	3,603	23,241	3,342	99,001	261
1973	284,806	6,337	45,493	5,546	239,313	791
1974	284,487	6,590	131,317	5,604	153,170	986
1975	407,117	10,493	93,951	10,360	313,166	133
1976	532,576	24,229	34,020	23,846	498,556	383
1977	233,762	17,673	20,603	17,447	213,159	226
1978	242,105	12,160	23,284	8,871	218,821	3,269
1979	330,018	9,962	27,132	9,644	302,886	318
1980	279,003	9,718	20,747	8,806	258,256	912
1981	327,967	18,645	65,729	17,333	262,238	1,312
1982--						
1st quarter	61,985	3,009	8,562	3,003	53,423	6
2d quarter	54,367	2,326	10,519	2,326	43,848	0
3d quarter	26,117	1,352	8,687	1,348	17,430	4
4th quarter	79,140	2,748	8,500	2,669	70,640	79
1982 total	221,609	9,435	36,268	9,346	185,341	89
1983--						
1st quarter	109,950	4,445	10,297	4,311	99,653	134
2d quarter	100,036	4,884	11,347	4,804	88,689	80
3d quarter						
4th quarter						
1983 total						
TO JAPAN						
1972	734	34	432	0	302	34
1973	8,139	247	1,625	0	6,514	247
1974	3,311	188	1,203	11	2,108	177
1975	2,141	14	414	0	1,727	14
1976	2,361	61	496	61	1,863	0
1977	1,914	162	122	74	1,792	88
1978	2,821	18	167	18	2,654	0
1979	6,040	108	931	108	5,109	0
1980	8,301	978	4,158	978	4,143	0
1981	5,056	13	2,162	12	2,894	1
1982--						
1st quarter	1,671	0	408	0	1,263	0
2d quarter	2,523	0	948	0	1,575	0
3d quarter	629	0	524	0	105	0
4th quarter	1,897	19	1,272	19	625	0
1982 total	6,720	19	3,152	19	3,568	0
1983--						
1st quarter	1,264	0	910	0	354	0
2d quarter	1,047	13	765	0	282	13
3d quarter						
4th quarter						
1983 total						
TO MAINLAND CHINA						
1982--						
1st quarter	0	0	0	0	0	0
2d quarter	0	1	0	1	0	0
3d quarter	0	0	0	0	0	0
4th quarter	0	0	0	0	0	0
1982 total	0	1	0	1	0	0
1983--						
1st quarter	0	0	0	0	0	0
2d quarter	0	0	0	0	0	0
3d quarter						
4th quarter						
1983 total						

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Washington 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.

Table 33--Plywood exports from California, 1972-83^{1/}

(In thousand square feet)

YEAR AND QUARTER	TOTAL	NORTHERN CALIFORNIA		SOUTHERN CALIFORNIA	
		SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE	SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE
1972	15,429	6,633	668	5,941	2,187
1973	16,562	8,186	698	4,358	3,320
1974	18,177	4,985	305	7,978	4,909
1975	19,619	7,874	542	6,311	4,892
1976	19,696	10,085	92	4,681	5,111
1977	9,198	5,148	646	1,818	1,586
1978	6,036	2,833	899	964	1,340
1979	5,934	1,638	871	1,946	1,479
1980	9,054	1,414	849	3,546	3,245
1981	9,349	2,424	487	2,830	3,608
1982--					
1st quarter	1,419	547	69	391	412
2d quarter	2,173	917	205	533	518
3d quarter	2,209	774	556	457	422
4th quarter	1,663	788	534	176	165
1982 total	7,464	3,026	1,364	1,557	1,517
1983--					
1st quarter	1,356	524	58	195	579
2d quarter	2,567	1,302	497	207	561
3d quarter					
4th quarter					
1983 total					

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which may have been made after this time are not shown.

^{1/}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, California.

Table 34--Douglas-fir Peeler log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
No. 1 Peeler:				Special Mill:			
1972	195.10	214.30	205.90	1972	130.00	143.00	135.70
1973	239.40	651.50	582.10	1973	175.20	338.90	276.50
1974	296.80	592.60	536.40	1974	196.00	282.20	255.10
1975	317.50	545.30	488.30	1975	211.70	260.60	235.30
1976	361.90	628.20	590.90	1976	226.60	283.50	261.60
1977	416.30	628.40	558.90	1977	249.70	305.80	285.80
1978	438.70	876.46	763.40	1978	274.70	363.10	324.90
1979	576.70	1,460.50	1,076.90	1979	392.40	534.10	501.90
1980	678.30	1,050.70	883.90	1980	391.60	512.80	485.30
1981	736.40	902.70	797.60	1981	377.40	465.60	416.50
1982	675.40	649.30	673.10	1982	304.10	379.70	319.00
No. 2 Peeler:				Average:			
1972	163.60	187.50	174.40	1972	140.60	160.50	148.90
1973	211.10	514.80	396.80	1973	186.00	427.20	320.40
1974	251.90	448.60	370.20	1974	208.90	360.10	299.30
1975	271.10	409.80	334.00	1975	228.60	342.40	274.40
1976	301.20	450.70	401.40	1976	268.70	438.70	377.70
1977	362.40	474.40	408.50	1977	299.40	384.50	322.20
1978	389.60	762.10	555.10	1978	333.50	561.10	446.40
1979	498.90	1,229.00	728.20	1979	433.10	759.10	571.30
1980	562.70	946.40	678.60	1980	493.80	702.80	584.40
1981	594.20	785.60	621.50	1981	532.40	651.40	563.90
1982	561.30	710.80	563.80	1982	460.70	464.40	460.90
No. 3 Peeler:							
1972	140.90	165.90	149.20				
1973	185.10	406.20	270.70				
1974	201.00	341.50	255.60				
1975	224.50	305.90	243.10				
1976	263.00	363.00	306.50				
1977	298.30	346.70	310.30				
1978	323.20	484.80	362.50				
1979	411.90	728.60	480.50				
1980	455.00	679.20	510.50				
1981	470.20	547.50	486.20				
1982	431.50	529.30	432.40				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 35--Douglas-fir Sawmill log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
No. 1 Sawmill:				Mixed grade:			
1972	127.30	169.30	139.40	1972	103.90	111.20	104.90
1973	188.40	326.80	226.70	1973	126.40	276.60	156.80
1974	205.50	308.00	227.10	1974	136.40	240.80	153.70
1975	233.70	275.80	241.60	1975	138.10	207.40	155.50
1976	235.20	284.00	262.60	1976	157.40	228.60	171.00
1977	293.10	296.10	293.80	1977	229.10	258.70	236.70
1978	282.60	521.30	402.80	1978	252.40	328.40	296.90
1979	376.20	887.60	658.10	1979	318.30	434.80	383.10
1980	376.50	650.20	497.80	1980	326.90	403.70	383.90
1981	395.90	815.30	413.20	1981	266.80	379.30	339.60
1982	365.40	--	365.40	1982	264.40	359.80	337.30
No. 2 Sawmill:				Ungraded:			
1972	112.40	133.50	119.10	1972	102.80	85.60	101.80
1973	159.10	301.10	207.00	1973	132.00	300.50	136.10
1974	184.30	250.20	209.70	1974	213.30	266.40	214.00
1975	185.50	232.90	197.60	1975	148.60	176.10	149.90
1976	207.70	264.00	231.30	1976	202.30	149.80	198.50
1977	238.60	276.80	258.00	1977	257.00	238.20	252.20
1978	261.30	318.70	286.00	1978	257.40	377.80	280.20
1979	322.20	489.70	406.90	1979	332.30	471.70	387.80
1980	343.10	438.10	387.30	1980	356.40	504.80	396.40
1981	315.50	428.20	329.40	1981	438.70	519.00	473.50
1982	250.30	361.30	271.00	1982	319.10	329.20	323.70
No. 3 Sawmill:				Average:			
1972	87.20	112.40	90.90	1972	86.80	125.40	95.10
1973	125.10	218.40	138.60	1973	137.30	264.00	172.30
1974	138.20	236.70	148.10	1974	159.10	247.20	180.50
1975	139.20	203.20	146.10	1975	154.70	217.40	168.70
1976	160.60	221.30	179.40	1976	180.40	250.40	202.90
1977	188.60	230.30	203.60	1977	227.20	265.30	242.80
1978	210.60	263.70	228.20	1978	250.00	321.60	284.60
1979	253.20	397.10	294.40	1979	311.50	451.60	382.20
1980	270.50	362.60	299.80	1980	331.10	415.10	379.80
1981	271.20	413.40	279.50	1981	295.20	392.20	331.40
1982	202.70	308.90	243.50	1982	250.60	352.80	308.80
No. 4 Sawmill:							
1972	97.90	100.30	94.70				
1973	119.20	106.30	118.30				
1974	138.60	70.10	137.60				
1975	125.10	117.90	125.10				
1976	119.70	150.70	121.40				
1977	150.80	151.90	150.80				
1978	161.30	176.10	162.00				
1979	230.00	208.50	229.80				
1980	226.70	374.60	271.50				
1981	238.80	314.60	241.30				
1982	156.30	309.20	230.40				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 36-Western hemlock log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
Peeler:				No. 4:			
1972	122.20	169.90	162.80	1972	79.70	--	79.70
1973	167.80	422.80	410.80	1973	92.20	172.60	101.00
1974	215.30	358.70	348.60	1974	98.00	72.30	98.00
1975	215.00	331.90	328.90	1975	93.20	149.80	97.40
1976	222.00	378.40	368.00	1976	103.50	118.90	104.30
1977	269.30	388.10	384.50	1977	125.10	133.80	126.10
1978	232.80	415.40	404.30	1978	165.40	200.70	166.50
1979	434.40	582.20	578.20	1979	236.50	217.90	235.80
1980	556.80	650.60	644.80	1980	225.40	438.90	264.10
1981	435.80	566.90	564.30	1981	192.70	234.20	204.90
1982	321.80	515.10	452.70	1982	128.50	236.30	148.40
Special Peeler:				Mixed grade:			
1972	111.50	141.10	135.20	1972	80.50	112.60	90.70
1973	144.50	326.90	313.10	1973	104.20	218.10	137.60
1974	180.70	271.80	263.60	1974	135.60	194.80	171.20
1975	175.80	244.50	240.80	1975	131.10	135.90	153.20
1976	180.60	287.80	281.10	1976	142.60	191.10	175.30
1977	218.60	293.00	289.40	1977	161.20	227.30	206.50
1978	221.60	321.30	305.00	1978	173.60	248.10	223.30
1979	334.10	465.10	460.80	1979	210.40	353.30	324.70
1980	397.30	491.30	481.30	1980	274.00	386.50	359.80
1981	303.56	382.50	375.20	1981	206.30	306.20	268.20
1982	275.90	409.80	336.40	1982	194.90	310.50	280.00
No. 1:				Ungraded:			
1972	116.60	154.60	143.90	1972	80.40	83.10	80.50
1973	149.60	379.40	349.20	1973	118.10	232.10	119.20
1974	194.30	322.30	307.30	1974	144.10	194.20	147.90
1975	175.10	291.60	281.20	1975	132.00	149.60	134.40
1976	191.70	338.30	320.40	1976	149.90	201.70	151.80
1977	264.60	350.70	342.80	1977	213.10	222.70	213.10
1978	233.70	382.80	567.00	1978	207.60	214.40	208.10
1979	302.90	534.40	522.30	1979	231.70	334.20	233.20
1980	391.50	571.90	553.80	1980	297.00	391.00	310.90
1981	222.30	473.70	455.20	1981	316.90	271.80	316.40
1982	298.30	453.30	409.70	1982	269.00	265.00	368.50
No. 2:				Average:			
1972	92.20	128.60	111.20	1972	85.50	129.10	105.60
1973	119.00	287.40	238.30	1973	112.90	286.00	225.70
1974	154.60	26.70	215.90	1974	142.10	240.30	208.70
1975	149.60	212.80	198.40	1975	134.00	206.10	183.00
1976	151.30	254.70	232.00	1976	145.90	241.40	213.60
1977	182.60	272.10	252.30	1977	172.30	258.40	234.60
1978	194.80	305.60	264.40	1978	182.90	282.10	250.60
1979	250.10	437.80	395.60	1979	225.60	388.50	355.80
1980	280.10	426.80	376.90	1980	284.80	418.90	376.50
1981	262.80	367.20	303.30	1981	239.00	327.60	287.10
1982	213.10	330.20	221.00	1982	209.70	310.80	273.80
No. 3:							
1972	76.10	114.40	92.90				
1973	107.70	253.40	187.90				
1974	126.30	206.90	160.00				
1975	120.10	181.30	149.90				
1976	123.00	213.30	167.30				
1977	159.40	230.10	202.40				
1978	187.10	273.90	224.40				
1979	217.90	359.60	290.20				
1980	239.30	340.30	287.20				
1981	213.40	334.10	235.50				
1982	168.20	254.30	196.80				

Source-Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 37--Noble fir log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
Peeler:				No. 4:			
1972	149.50	244.00	236.20	1972	94.10	--	94.10
1973	160.20	931.90	901.80	1973	97.10	111.20	99.90
1974	180.20	792.80	785.80	1974	99.50	--	99.50
1975	202.90	554.10	537.00	1975	113.80	--	113.80
1976	200.90	799.60	797.60	1976	125.60	158.00	126.90
1977	271.70	715.80	696.20	1977	137.40	146.90	141.60
1978	271.30	879.50	874.10	1978	208.00	246.00	221.00
1979	332.90	1,493.40	1,415.40	1979	204.00	141.00	191.40
1980	361.50	1,337.60	1,269.70	1980	229.00	--	229.00
1981	569.50	795.50	713.80	1981	207.30	--	207.30
1982	359.00	465.00	361.20	1982	193.00	--	193.00
Special Mill:				Mixed grade:			
1972	118.80	186.30	170.30	1972	77.20	146.40	116.60
1973	140.90	549.90	488.00	1973	113.10	239.20	135.20
1974	171.10	374.80	365.80	1974	153.40	572.60	457.80
1975	175.20	266.80	246.90	1975	158.00	205.50	166.60
1976	183.10	381.30	375.60	1976	164.00	202.70	168.40
1977	212.60	356.40	345.60	1977	189.70	211.20	192.80
1978	247.30	538.90	528.80	1978	218.80	511.70	282.30
1979	303.60	893.90	747.50	1979	265.60	1,203.50	376.70
1980	312.60	694.70	611.40	1980	274.90	295.40	308.30
1981	281.00	510.40	397.50	1981	176.60	295.70	180.20
1982	282.10	--	282.10	1982	203.90	316.10	232.40
No. 1:				Ungraded:			
1972	128.40	233.70	205.10	1972	50.70	--	50.70
1973	143.30	818.60	751.60	1973	172.50	--	172.50
1974	170.80	688.30	659.10	1974	140.50	--	140.50
1975	188.70	447.30	423.40	1975	156.60	114.00	153.70
1976	183.60	633.10	629.00	1976	180.50	--	180.50
1977	242.60	606.20	573.80	1977	196.50	--	196.50
1978	245.60	759.40	740.00	1978	113.10	--	113.10
1979	318.10	1,255.50	1,208.70	1979	230.50	--	230.50
1980	307.30	989.80	829.50	1980	395.50	--	395.50
1981	442.60	680.90	498.70	1981	--	--	--
1981	319.10	--	319.70	1982	--	--	--
No. 2:				Average:			
1972	99.50	152.00	131.60	1972	102.10	190.80	164.10
1973	132.60	343.20	256.80	1973	128.20	623.20	465.10
1974	148.50	298.80	266.70	1974	147.70	540.10	481.10
1975	156.60	247.30	223.10	1975	160.00	362.10	313.40
1976	161.80	314.90	300.00	1976	161.60	503.20	441.60
1977	181.00	291.80	275.70	1977	196.60	453.70	409.60
1978	221.50	361.20	338.90	1978	217.40	569.30	482.00
1979	216.40	685.10	596.80	1979	255.90	937.50	708.80
1980	283.10	497.10	389.80	1980	285.80	781.30	543.00
1981	307.50	455.80	332.30	1981	283.00	577.10	338.40
1982	235.50	--	235.50	1982	252.70	364.80	255.70
No. 3:							
1972	81.40	121.80	100.40				
1973	115.80	235.40	180.60				
1974	117.70	200.60	152.20				
1975	118.60	192.60	160.40				
1976	137.00	241.30	218.20				
1977	161.60	229.30	217.70				
1978	184.90	262.40	239.20				
1979	235.90	400.90	309.60				
1980	294.50	354.90	306.90				
1981	258.20	257.70	258.20				
1982	185.80	--	185.80				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 38--White fir log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
Peeler:				No. 4:			
1972	118.90	183.00	172.80	1972	87.50	80.20	85.80
1973	156.40	411.40	398.60	1973	92.00	132.80	99.10
1974	230.60	360.10	351.30	1974	103.90	--	103.90
1975	209.70	341.70	333.60	1975	106.40	--	106.40
1976	255.60	386.00	379.20	1976	122.80	159.20	124.20
1977	275.20	395.20	387.50	1977	135.10	136.40	136.40
1978	263.80	439.20	432.20	1978	160.40	192.60	169.70
1979	446.70	605.50	602.10	1979	204.60	230.70	206.10
1980	637.70	671.90	670.80	1980	215.20	246.50	216.70
1981	425.10	578.10	576.30	1981	176.10	237.30	180.00
1982	377.50	530.80	511.70	1982	151.20	--	151.20
Special Mill:				Mixed grade:			
1972	107.80	152.80	144.70	1972	80.40	121.20	100.30
1973	141.90	324.80	314.40	1973	95.20	229.10	173.40
1974	188.70	273.10	267.00	1974	126.80	205.90	160.40
1975	169.70	259.30	249.60	1975	121.70	165.70	151.20
1976	210.10	300.63	294.00	1976	156.30	209.30	196.50
1977	218.90	294.70	289.60	1977	173.80	229.60	214.90
1978	235.70	345.60	343.40	1978	179.30	247.50	230.10
1979	374.10	496.30	494.20	1979	249.40	348.50	321.90
1980	407.40	513.00	509.50	1980	271.10	363.10	343.60
1981	281.00	402.80	396.90	1981	177.70	308.80	275.40
1982	275.60	416.20	355.20	1982	184.20	336.80	304.30
No. 1:				Ungraded:			
1972	115.80	166.60	153.10	1972	74.10	79.60	74.20
1973	142.60	357.70	338.90	1973	122.30	285.20	122.70
1974	202.90	320.50	309.10	1974	145.20	--	145.20
1975	182.90	300.70	286.90	1975	150.70	172.70	152.30
1976	214.80	344.60	333.70	1976	162.60	219.20	152.40
1977	247.50	353.90	343.90	1977	278.00	194.80	277.80
1978	239.10	391.80	384.50	1978	207.60	213.30	208.30
1979	325.80	552.50	548.60	1979	214.10	--	214.10
1980	502.40	587.90	585.40	1980	293.70	323.20	293.70
1981	304.40	485.90	451.70	1981	311.20	270.70	305.70
1982	300.80	461.90	427.20	1982	192.50	--	192.50
No. 2:				Average:			
1972	98.20	138.70	128.80	1972	88.90	145.40	126.40
1973	129.20	280.00	255.50	1973	112.00	299.10	256.00
1974	158.20	238.30	222.40	1974	138.10	260.90	221.50
1975	151.30	229.40	214.10	1975	139.80	225.90	208.20
1976	168.40	264.50	253.40	1976	166.70	273.30	256.00
1977	181.20	265.10	256.10	1977	198.30	271.40	258.90
1978	212.10	329.60	320.30	1978	151.80	319.20	290.60
1979	270.80	465.90	446.70	1979	238.80	459.90	411.80
1980	277.10	445.40	425.50	1980	286.90	469.30	431.30
1981	248.90	370.10	318.50	1981	219.70	365.80	324.60
1982	216.30	315.30	227.50	1982	201.20	342.80	294.20
No. 3:							
1972	84.60	119.50	110.90				
1973	106.20	239.60	207.70				
1974	125.30	193.60	161.60				
1975	120.00	189.50	172.00				
1976	136.60	232.30	215.90				
1977	159.10	234.70	223.60				
1978	191.90	282.10	272.80				
1979	239.20	393.60	348.70				
1980	255.30	350.70	302.20				
1981	233.40	292.70	251.40				
1982	171.50	256.40	194.70				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 39--Sitka spruce log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
Select:				No. 4:			
1972	221.90	215.90	216.40	1972	--	--	--
1973	480.80	1,072.00	1,046.20	1973	98.20	--	98.20
1974	706.60	678.50	679.20	1974	128.20	--	128.20
1975	448.80	551.60	548.40	1975	113.90	--	113.90
1976	529.80	668.60	662.40	1976	88.00	--	86.00
1977	416.70	761.60	727.40	1977	104.00	--	104.00
1978	632.40	890.60	872.60	1978	100.00	--	100.00
1979	674.20	1,502.60	1,488.50	1979	150.90	205.00	155.80
1980	1,822.30	1,299.00	1,361.10	1980	231.90	--	231.90
1981	986.20	1,149.20	1,099.50	1981	147.50	--	147.50
1982	--	978.90	978.90	1982	--	--	--
Special Mill:				Mixed grade:			
1972	107.10	174.00	164.30	1972	96.70	109.60	99.20
1973	388.60	532.70	530.00	1973	154.80	355.00	230.70
1974	287.80	396.40	387.50	1974	166.10	264.40	211.10
1975	203.50	302.60	292.50	1975	163.80	207.60	182.60
1976	318.20	398.20	393.80	1976	159.70	243.40	210.30
1977	299.20	423.20	416.70	1977	173.70	322.20	228.80
1978	385.80	490.60	476.30	1978	191.20	402.00	324.70
1979	413.30	948.10	923.00	1979	145.60	676.30	587.80
1980	1,162.10	830.60	877.20	1980	378.40	560.90	531.60
1981	548.90	685.00	668.00	1981	199.80	493.80	412.40
1982	292.30	500.60	485.70	1982	165.00	366.80	348.60
No. 1:				Ungraded:			
1972	134.00	208.80	200.90	1972	73.70	--	73.70
1973	324.50	935.80	906.70	1973	115.10	117.10	115.10
1974	267.80	599.00	564.00	1974	159.50	202.50	161.50
1975	281.50	434.50	425.70	1975	116.40	100.60	109.70
1976	360.20	562.40	551.80	1976	144.10	249.10	151.50
1977	336.80	629.10	590.70	1977	210.40	--	210.40
1978	464.90	738.60	705.20	1978	235.60	924.40	326.50
1979	465.60	1,288.50	1,269.30	1979	319.40	138.30	318.70
1980	1,227.00	1,143.50	1,155.50	1980	360.50	--	360.50
1981	353.10	831.60	611.10	1981	290.10	--	290.10
1982	--	769.80	769.80	1982	221.70	--	221.70
No. 2:				Average:			
1972	93.40	138.70	116.30	1972	94.60	156.00	116.30
1973	146.80	403.60	327.30	1973	152.00	529.50	349.70
1974	169.40	315.30	244.80	1974	168.00	346.80	259.10
1975	170.60	238.00	222.80	1975	162.70	268.60	217.40
1976	182.20	255.20	245.50	1976	170.80	379.40	318.90
1977	207.30	295.90	287.20	1977	192.80	424.60	362.80
1978	249.90	315.40	285.70	1978	226.90	537.20	423.90
1979	248.00	567.80	469.10	1979	215.20	834.10	711.10
1980	367.80	596.30	539.20	1980	478.20	732.60	665.30
1981	273.70	464.30	283.40	1981	256.00	543.30	384.70
1982	211.40	360.80	240.10	1982	182.70	419.40	386.00
No. 3:							
1972	69.10	98.40	74.50				
1973	97.60	261.80	138.60				
1974	128.50	251.10	149.10				
1975	142.10	189.50	151.00				
1976	147.70	208.60	174.40				
1977	169.40	238.60	201.30				
1978	182.20	141.10	179.00				
1979	227.50	378.60	246.70				
1980	192.80	394.70	228.60				
1981	182.50	757.30	183.90				
1982	175.70	214.00	176.00				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 40--Western redcedar log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
No. 1:				Mixed grade:			
1972	161.80	180.50	166.40	1972	78.60	92.70	80.00
1973	241.60	471.50	296.60	1973	172.30	230.40	129.70
1974	241.30	456.40	307.70	1974	121.50	196.50	130.30
1975	249.30	368.30	289.50	1975	131.60	186.80	133.60
1976	332.70	485.30	389.90	1976	181.80	283.90	194.10
1977	410.40	597.10	469.10	1977	236.90	347.10	257.70
1978	488.00	727.10	603.60	1978	291.00	356.40	302.20
1979	525.60	1,199.10	865.60	1979	354.50	526.10	398.50
1980	466.40R	957.30	691.60	1980	287.40	427.90	311.90
1981	443.90	811.40	493.70	1981	354.50	417.80	360.60
1982	412.80	772.80	489.50	1982	257.90	377.80	283.80
No. 2:				Ungraded:			
1972	130.70	156.90	134.70	1972	94.80	--	94.80
1973	201.70	399.40	239.50	1973	128.50	84.70	128.30
1974	183.60	351.30	225.70	1974	131.30	137.00	131.50
1975	198.50	255.10	203.40	1975	127.10	119.10	126.10
1976	286.60	375.10	300.40	1976	160.40	178.50	162.40
1977	345.60	446.20	358.70	1977	326.10	247.40	312.50
1978	410.40	574.10	446.70	1978	291.10	231.50	291.00
1979	424.10	917.30	545.90	1979	349.20	317.60	349.00
1980	364.40	778.20	444.50	1980	357.60	--	357.60
1981	356.30	561.50	372.70	1981	242.80	--	242.80
1982	318.70	602.60	343.00	1982	258.30	--	258.30
No. 3:				Average:			
1972	86.90	103.60	89.10	1972	108.90	140.60	113.20
1973	137.50	257.40	159.80	1973	172.30	334.10	202.00
1974	139.70	189.80	146.80	1974	156.30	316.90	186.30
1975	139.50	145.40	140.00	1975	166.50	271.90	175.90
1976	184.60	201.20	186.30	1976	243.20	372.60	264.70
1977	235.40	234.20	235.30	1977	301.10	418.70	320.80
1978	280.00	353.70	285.60	1978	341.40	546.70	391.10
1979	337.30	555.10	348.70	1979	390.60	834.90	503.50
1980	278.40	513.50	290.50	1980	321.00	657.80	380.20
1981	272.50	344.30	272.90	1981	336.30	495.80	347.80
1982	261.90	365.80	263.70	1982	272.40	388.00	293.70
No. 4:							
1972	76.10	66.70	73.80				
1973	95.30	103.50	96.00				
1974	111.60	78.20	111.30				
1975	99.60	104.00	99.60				
1976	127.20	102.80	127.10				
1977	194.40	186.50	193.80				
1978	216.10	246.00	216.80				
1979	272.10	386.70	278.70				
1980	216.60	--	216.60				
1981	213.80	--	213.80				
1982	204.00	--	204.00				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 41--Western white pine log prices, western Washington and northwestern Oregon, 1972-82

(In dollars per thousand board feet, Scribner scale)

LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES	LOG GRADE AND YEAR	WATER AND INLAND SALES	EXPORT SALES	ALL SALES
Peeler:				No. 4 Sawmill:			
1972	94.70	168.00	133.80	1972	64.00	71.30	68.40
1973	190.90	566.00	480.30	1973	82.60	173.00	92.67
1974	272.80	512.10	356.80	1974	77.40	--	77.40
1975	193.80	399.40	294.10	1975	40.40	213.30	42.20
1976	214.30	642.10	539.20	1976	125.50	--	125.50
1977	234.60	501.80	425.80	1977	136.90	--	136.90
1978	228.70	599.50	435.70	1978	119.20	--	119.20
1979	329.40	708.70	671.10	1979	175.80	257.30	206.40
1980	338.90	818.50	750.00	1980	233.30	--	233.30
1981	344.20	441.00	360.30	1981	162.00	--	162.00
1982	384.40	--	384.40	1982	183.30	--	183.30
Special Mill:				Mixed grade:			
1972	91.30	138.00	122.40	1972	74.10	94.50	74.40
1973	161.90	371.60	320.00	1973	81.20	366.20	96.30
1974	201.00	369.90	249.70	1974	114.30	448.70	129.20
1975	178.60	263.10	196.90	1975	126.60	347.30	134.10
1976	154.60	309.00	228.40	1976	122.90	240.60	143.90
1977	161.60	346.30	262.30	1977	142.20	284.00	157.30
1978	183.40	369.90	259.20	1978	129.60	272.30	156.80
1979	245.60	471.90	407.40	1979	121.40	314.70	179.00
1980	198.40	661.70	545.00	1980	191.80	437.50	274.20
1981	249.60	575.00	268.80	1981	251.20	295.00	252.60
1982	296.60	--	296.60	1982	203.40	304.60	257.10
No. 1 Sawmill:				Ungraded:			
1972	93.30	153.40	123.20	1972	70.90	--	70.90
1973	150.60	446.10	344.30	1973	85.00	172.70	86.60
1974	223.50	444.00	272.80	1974	100.80	--	100.80
1975	166.30	310.30	200.60	1975	114.00	--	114.00
1976	164.60	419.30	280.00	1976	130.50	125.60	130.20
1977	179.60	420.60	297.60	1977	169.00	--	169.00
1978	196.80	473.70	294.70	1978	214.50	--	214.50
1979	297.90	599.10	492.40	1979	257.80	--	257.80
1980	389.70	835.70	721.10	1980	208.10	329.00	210.70
1981	322.60	563.00	344.40	1981	160.00	--	160.00
1982	331.90	--	331.90	1982	140.00	--	140.00
No. 2 Sawmill:				Average:			
1972	74.90	122.20	88.10	1972	74.00	135.70	85.10
1973	104.70	260.10	177.80	1973	90.80	353.20	158.30
1974	148.60	284.10	170.70	1974	138.10	393.30	165.90
1975	139.00	228.90	149.80	1975	131.80	252.40	145.50
1976	141.30	249.00	173.70	1976	132.20	337.60	188.40
1977	148.80	280.00	194.30	1977	146.10	194.90	170.60
1978	170.60	307.00	198.60	1978	146.80	323.90	185.00
1979	242.80	433.30	315.70	1979	160.60	414.20	269.50
1980	296.60	563.30	419.80	1980	223.30	547.60	352.20
1981	278.20	291.40	278.50	1981	258.30	289.80	259.90
1982	246.70	--	246.70	1982	105.00	303.60	137.40
No. 3 Sawmill:							
1972	60.20	97.40	64.60				
1973	92.50	234.90	121.40				
1974	113.80	236.30	120.60				
1975	108.20	186.50	110.70				
1976	127.60	227.40	144.30				
1977	135.20	225.50	145.90				
1978	154.60	268.10	189.50				
1979	170.40	328.80	234.30				
1980	259.70	434.60	276.10				
1981	217.90	233.70	219.40				
1982	202.30	211.50	202.50				

Source--Pacific Northwest Forest and Range Experiment Station compilation of regional log values based on composite log sales analyses of Industrial Forestry Association, Portland, Oregon. These prices may reflect costs of towing, sorting, bundling, or other handling, depending on the place of sale in each transaction.

Table 42--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In thousand board feet, Scribner scale)

AGENCY	1978	1979	1980	1981	1982		1983		TOTAL	
					TOTAL	2Q QTR.	1ST QTR.	2Q QTR.		3Q QTR.
Western Washington:										
U.S. Forest Service ¹	1,097,543	1,222,548	1,114,024	1,224,969	1,066,085	202,604	333,610	310,440		
U.S. Bur. Indian Affairs	66,923	22,882	6,927	13,460	2,535	0	839	4,549		
State of Washington ²	175,155	1,150,935	503,565	368,885	601,935	120,331	152,160	96,875		
Total	1,339,675	2,396,365	1,624,516	1,607,014	1,670,555	322,934	486,609	411,864		
Eastern Washington:										
U.S. Forest Service ¹	382,902	420,819	428,631	389,029	322,315	101,521	80,772	94,276		
U.S. Bur. Land Manage.	54	2,645	1,798	3,898	3,025	36	0	0		
U.S. Bur. Indian Affairs	157,396	140,247	211,205	53,795	44,583	4,484	2,689	41,981		
State of Washington ²	30,385	125,505	80,345	53,710	89,620	29,535	12,410	8,705		
Total	570,737	689,216	721,979	500,432	459,543	135,576	95,871	144,962		
Western Oregon:										
U.S. Forest Service ¹	2,242,355	2,441,324	2,643,716	2,378,903	2,418,057	480,878	906,967	381,433		
U.S. Bur. Land Manage.	1,110,451	889,797	1,150,026	1,030,627	1,214,330	273,293	217,953	240,675		
U.S. Bur. Indian Affairs ³	0	0	0	3,340	0	0	0	2,361		
State of Oregon	210,353	219,378	238,931	135,461	301,947	97,857	26,091	95,737		
Total	3,563,159	3,550,499	4,032,673	3,548,331	3,934,334	852,028	1,151,011	720,206		
Eastern Oregon:										
U.S. Forest Service ¹	1,111,280	1,271,677	1,168,327	1,294,928	1,164,264	247,378	356,626	209,789		
U.S. Bur. Land Manage.	12,152	6,525	2,301	17,864	15,197	10,441	0	14,792		
U.S. Bur. Indian Affairs	152,320	15,439	25,480	55,032	89,438	2,112	0	11,270		
State of Oregon	8,379	7,499	5,992	1,040	13,350	5,837	0	1,726		
Total	1,288,131	1,301,140	1,202,100	1,368,864	1,282,249	265,768	356,626	237,577		
All public lands:										
U.S. Forest Service ¹	4,838,134	5,356,368	5,354,698	5,287,829	4,970,721	1,032,381	1,677,975	995,938		
U.S. Bur. Land Manage.	1,122,657	898,967	1,154,125	1,052,381	1,232,552	283,770	217,953	255,467		
U.S. Bur. Indian Affairs ³	376,639	178,568	243,612	125,627	136,556	6,596	3,528	60,161		
State of Washington ²	205,540	1,276,440	583,910	422,595	691,555	149,865	164,570	105,580		
State of Oregon	218,732	226,877	244,923	136,501	315,297	103,694	26,091	97,463		
Total	6,761,702	7,937,220	7,581,268	7,024,941	7,346,691	1,576,306	2,090,117	1,514,609		

Source--respective agencies listed.

¹Convertible products only.²Excludes sales under \$2,000.³Siletz Reservation formed 1980.

Table 43--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In dollars per thousand board feet)

AGENCY	1978	1979	1980	1981	1982				1983	
					AVERAGE	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.
Western Washington:										
U.S. Forest Service ¹	129.57	224.68	208.06	180.57	61.48	51.17	61.38	84.11		
U.S. Bur. Indian Affairs	120.34	264.95	182.32	129.09	128.64	--	90.73	103.53		
State of Washington ²	231.31	332.10	304.71	208.95	146.88	135.68	152.17	135.45		
Average	142.84	276.66	237.91	186.65	92.35	83.02	90.02	97.34		
Eastern Washington:										
U.S. Forest Service ¹	186.69	104.68	90.92	77.57	30.61	30.20	50.07	56.09		
U.S. Bur. Land Manage.	123.48	16.80	21.25	105.60	43.64	55.56	--	--		
U.S. Bur. Indian Affairs	165.37	212.01	162.32	173.78	191.17	99.70	61.71	89.30		
State of Washington ²	162.13	210.79	207.67	198.94	115.52	89.38	75.46	78.50		
Average	179.49	145.50	124.63	101.15	62.83	45.40	53.68	67.05		
Western Oregon:										
U.S. Forest Service ¹	210.96	332.09	354.60	276.36	92.44	78.19	138.74	131.32		
U.S. Bur. Land Manage.	196.36	292.59	323.63	246.68	89.40	78.77	130.89	125.59		
U.S. Bur. Indian Affairs ³	--	--	--	365.16	--	--	--	170.20		
State of Oregon	226.23	314.93	332.25	262.31	117.52	105.32	144.12	186.42		
Average	207.31	321.13	344.44	269.30	93.43	81.50	143.52	136.86		
Eastern Oregon:										
U.S. Forest Service ¹	171.04	169.55	130.22	144.49	77.28	57.94	89.52	77.20		
U.S. Bur. Land Manage.	206.17	103.25	118.72	84.31	62.45	52.10	--	43.00		
U.S. Bur. Indian Affairs	113.72	196.29	266.61	112.47	82.85	85.02	--	169.54		
State of Oregon	134.91	229.38	186.29	16.00	111.66	125.73	--	59.68		
Average	164.36	169.88	133.37	142.32	56.33	59.42	89.52	79.32		
All public lands:										
U.S. Forest Service ¹	181.49	251.12	254.06	208.60	72.69	63.43	108.69	98.08		
U.S. Bur. Land Manage.	196.46	290.41	322.75	243.40	88.96	77.79	130.89	120.81		
U.S. Bur. Indian Affairs ³	136.48	217.43	173.80	147.23	119.07	95.00	68.61	108.57		
State of Washington ²	221.08	320.17	291.35	207.68	142.82	126.56	146.36	134.43		
State of Oregon	222.73	312.10	328.68	260.43	114.27	106.47	144.12	184.18		
Average	184.01	267.66	267.21	213.67	84.80	74.98	117.73	110.40		

Source--respective agencies listed.

¹Prices 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 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).

²Excludes sales under \$2,000.

³Siletz Reservation formed 1980.

Table 44--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83¹

(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 ²	Larch	Huckle Fir and Shasta Red Fir	Other True Firs	All Species
	West Side	East Side	West Side	East Side												
1972	71.70	15.60	33.40	26.00	35.80	10.60	27.20	28.00	49.00	67.50	13.50	100.20	33.00	53.20		
1973	138.10	60.40	77.70	60.50	50.70	38.40	55.60	93.40	99.20	146.80	53.90	81.40	73.80	102.80		
1974	202.40	68.20	110.60	139.10	121.00	25.70	50.20	72.60	110.80	217.00	11.00	136.20	80.90	142.40		
1975	169.50	34.30	43.10	109.90	84.40	15.40	13.70	75.90	68.50	119.20	5.80	117.70	45.10	101.60		
1976	176.20	38.60	79.40	118.90	116.00	40.20	10.50	83.10	78.10	160.30	20.30	105.60	55.00	113.20		
1977	225.90	71.20	138.40	162.80	142.70	35.40	36.50	103.00	89.20	149.60	62.10	128.90	85.10	153.80		
1978	250.31	98.50	218.70	207.90	123.70	41.60	85.40	109.50	111.70	206.60	56.40	122.50	99.10	185.00		
1979	394.30	81.70	238.00	267.30	181.90	47.10	51.60	227.90	197.10	329.10	90.50	211.30	189.80	270.00		
1980	432.20	70.80	190.80	167.00	102.80	44.60	34.20	306.50	208.00	301.00	43.60	241.80	167.90	285.50		
1981	350.20	94.00	206.40	174.50	100.60	36.60	15.00	238.00	162.00	168.70	69.70	147.30	103.80	230.60		
1982--																
1st quarter	152.10	59.20	110.00	84.20	105.60	33.30	6.00	86.30	48.90	101.90	18.50	48.60	70.38	109.20		
2d quarter	97.60	36.10	78.60	32.60	29.00	15.50	18.40	93.10	33.20	106.80	58.30	50.30	31.20	69.30		
3d quarter	91.70	27.80	54.60	95.10	41.30	9.50	21.90	25.50	37.80	72.90	15.30	16.30	24.80	59.20		
4th quarter	134.30	29.30	73.10	107.70	54.40	17.20	8.50	41.70	69.00	142.20	15.90	16.00	43.40	96.40		
1982 average	35.80	78.60	83.60	50.00	17.40	17.40	19.50	49.50	44.60	101.90	37.50	28.40	40.00	80.20		
1983--																
1st quarter	180.50	31.70	132.70	64.00	24.80	18.90	22.10	25.90	52.60	51.00	31.60	39.50	57.10	122.60		
2d quarter	152.80	57.00	127.90	165.60	40.40	22.30	37.60	18.50	71.80	102.90	22.80	61.00	77.30	112.90		
3d quarter																
4th quarter																
1983 average																

Source--Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

¹Prices 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 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).

²Includes Port-Orford-cedar.

Table 45--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, 1981-82^{1/}

(Volume in cubic meters; value in Canadian dollars^{2/ 3/})

SPECIES AND YEAR	COAST ^{4/}		INTERIOR ^{5/}	
	VOLUME	AVERAGE VALUE	VOLUME	AVERAGE VALUE
Balsam:				
1981	3,481	9.43	4,127	1.55
1982	2,260	2.90	3,450	1.18
Cedar:				
1981	3,697	7.36	1,443	2.05
1982	2,871	3.25	1,313	1.74
Cypress:				
1981	573	53.37	4	14.16
1982	387	17.28	4	8.67
Fir:				
1981	1,563	13.32	3,235	3.29
1982	1,292	6.28	2,802	2.03
Hemlock:				
1981	6,969	9.55	2,288	.94
1982	5,200	2.65	1,313	.91
Larch:				
1981	0	--	276	1.64
1982	0	--	211	1.33
Lodgepole pine:				
1981	11	2.36	12,300	1.26
1982	2	2.00	10,315	1.21
Spruce:				
1981	768	31.97	12,549	2.66
1982	771	10.93	12,075	1.36
White pine:				
1981	31	6.84	320	9.54
1982	25	2.56	164	5.68
Other species:				
1981	34	2.21	90	3.27
1982	48	2.98	90	1.97
All species:				
1981	17,127	11.85	36,352	2.02
1982	12,858	4.13	31,737	1.37

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

^{1/} Fiscal year ending March 31.

^{2/} 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, 5.75 and 6.5 cubic meters per 1,000 board feet.

^{3/} 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.

^{4/} Coast region includes portions of Prince Rupert and Vancouver forest regions.

^{5/} Interior region includes Cariboo, Kamloops, Nelson, Prince George, and portions of Prince Rupert and Vancouver forest regions.

Table 46--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983/ 2/

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

NATIONAL FOREST	DOUGLAS-FIR				POWDEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Western Oregon:												
Mount Hood--												
1st qtr.	96,955	207.60	4,120	27.70	1,400	17.26	42,635	73.30	210	7.37	190,449	126.51
2d qtr.	23,639	196.75	1,150	21.91	1,090	95.23	8,240	121.90	1,310	3.39	41,954	142.02
3d qtr.												
4th qtr.												
Total and average												
Rogue River--												
1st qtr.	24,750	204.44	0	--	3,850	70.71	110	14.13	10,570	164.63	48,810	157.15
2d qtr.	22,775	159.25	0	--	520	27.05	0	--	16,755	97.87	44,841	117.49
3d qtr.												
4th qtr.												
Total and average												
Siskiyou--												
1st qtr.	33,305	205.84	0	--	110	45.98	1,460	8.92	200	11.92	40,870	182.95
2d qtr.	37,750	133.89	0	--	860	24.16	40	33.38	530	12.76	49,450	122.69
3d qtr.												
4th qtr.												
Total and average												
Siuslaw--												
1st qtr.	118,891	166.04	0	--	0	--	14,160	84.68	0	--	150,423	145.39
2d qtr.	55,931	169.09	0	--	0	--	9,320	114.63	0	--	70,127	151.61
3d qtr.												
4th qtr.												
Total and average												
Umpqua--												
1st qtr.	123,411	221.48	0	--	0	--	5,900	19.97	12,600	10.44	167,911	168.46
2d qtr.	47,883	203.88	0	--	0	--	2,500	18.96	0	--	58,931	168.97
3d qtr.												
4th qtr.												
Total and average												
Willamette--												
1st qtr.	179,580	193.90	0	--	500	34.13	30,760	13.10	8,660	19.68	301,018	119.98
2d qtr.	66,320	147.59	0	--	0	--	10,730	84.17	1,440	23.79	103,322	111.70
3d qtr.												
4th qtr.												
Total and average												
All western Oregon:												
1st qtr.	576,892	197.91	4,120	27.70	5,940	53.09	95,025	51.14	32,240	63.46	899,481	139.71
2d qtr.	254,298	166.50	1,150	21.91	2,470	55.25	30,830	96.11	20,035	84.11	368,625	134.08
3d qtr.												
4th qtr.												
Total and average												
Western Washington:												
Gifford Pinchot--												
1st qtr.	45,050	166.43	0	--	0	--	17,600	90.65	24,315	92.27	101,545	112.84
2d qtr.	67,290	143.16	0	--	0	--	13,750	49.96	19,085	81.11	115,155	107.04
3d qtr.												
4th qtr.												
Total and average												
Mount Baker-Snoqualmie--												
1st qtr.	9,370	104.91	0	--	0	--	30,893	52.63	11,200	86.55	70,810	57.24
2d qtr.	17,835	67.54	0	--	0	--	39,531	67.19	13,410	133.81	88,276	75.51
3d qtr.												
4th qtr.												
Total and average												
Olympic--												
1st qtr.	46,930	26.79	0	--	0	--	79,970	43.98	0	--	155,430	34.12
2d qtr.	17,310	97.56	0	--	0	--	53,660	65.40	2,900	159.44	93,857	76.36
3d qtr.												
4th qtr.												
Total and average												

Table 46--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1981/82 (continued)
 (Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

NATIONAL FOREST	DOUGLAS-FIR				POMERUSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
All western Washington:												
1st qtr.	101,350	94.01	0	--	0	--	128,663	52.51	35,515	90.46	327,835	63.50
2d qtr.	102,435	122.30	0	--	0	--	106,961	64.07	35,395	107.52	297,290	87.99
3d qtr.												
4th qtr.												
Total and average												
All western Oregon and western Washington:												
1st qtr.	678,242	132.39	4,120	27.70	5,940	53.09	223,686	51.93	67,755	77.92	1,227,310	119.30
2d qtr.	356,733	153.81	1,150	21.91	2,470	55.25	137,791	71.69	55,430	99.06	665,915	113.50
3d qtr.												
4th qtr.												
Total and average												
Eastern Oregon:												
Oeschutes--												
1st qtr.	0	--	0	--	28,160	144.71	0	--	130	3.68	40,710	104.32
2d qtr.	0	--	1,720	117.09	9,913	228.70	0	--	197	20.00	25,049	112.34
3d qtr.												
4th qtr.												
Total and average												
Fremont--												
1st qtr.	0	--	0	--	12,290	67.24	0	--	3,750	11.24	25,455	45.33
2d qtr.	0	--	0	--	22,450	196.39	0	--	1,300	10.93	23,950	184.69
3d qtr.												
4th qtr.												
Total and average												
Malheur--												
1st qtr.	0	--	5,815	11.71	62,330	117.01	0	--	4,635	2.58	75,845	99.45
2d qtr.	0	--	1,630	9.50	27,930	133.96	0	--	1,156	8.75	30,975	123.66
3d qtr.												
4th qtr.												
Total and average												
Ochoco--												
1st qtr.	0	--	2,400	16.29	44,170	77.54	0	--	0	--	46,570	74.38
2d qtr.	0	--	4,250	27.83	18,120	91.60	0	--	1,700	24.29	24,070	75.59
3d qtr.												
4th qtr.												
Total and average												
Umatilla--												
1st qtr.	0	--	7,000	27.90	6,000	120.39	0	--	13,500	19.39	40,770	29.23
2d qtr.	0	--	1,000	9.65	1,300	13.65	0	--	4,800	28.57	10,100	17.58
3d qtr.												
4th qtr.												
Total and average												
Wallowa-Whitman--												
1st qtr.	0	--	12,405	19.60	14,340	62.81	0	--	12,700	16.91	61,545	24.53
2d qtr.	0	--	16,930	11.30	14,120	39.06	0	--	10,100	5.25	43,446	18.40
3d qtr.												
4th qtr.												
Total and average												
Winema--												
1st qtr.	0	--	600	6.41	48,600	247.80	0	--	10,900	62.57	66,000	195.24
2d qtr.	0	--	0	--	4,700	112.84	0	--	11,200	130.49	16,600	120.65
3d qtr.												
4th qtr.												
Total and average												
All eastern Oregon:												
1st qtr.	0	--	28,420	19.38	215,890	135.54	0	--	45,615	27.15	356,895	89.67
2d qtr.	0	--	25,530	21.00	98,533	133.73	0	--	30,453	56.52	174,190	91.09
3d qtr.												
4th qtr.												
Total and average												

Table 46--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/}/₂ (continued)
 (Volume in thousand board feet, Scribner scale; value in dollars per thousand board feet)

NATIONAL FOREST	DOUGLAS-FIR				PONOEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Eastern Washington:												
Colville--												
1st qtr.	0	--	77	80.89	700	24.04	176	50.25	2,300	12.95	30,600	20.29
2d qtr.	0	--	3,998	160.63	0	--	74	65.82	3,905	16.63	14,935	58.10
3d qtr.												
4th qtr.												
Total and average												
Okanogan--												
1st qtr.	0	--	20,300	27.56	9,200	141.17	0	--	0	--	31,300	61.09
2d qtr.	0	--	22,000	67.45	1,935	71.00	0	--	0	--	23,935	67.74
3d qtr.												
4th qtr.												
Total and average												
Wenatchee--												
1st qtr.	0	--	5,260	127.60	2,100	66.18	2,140	19.13	5,010	114.81	6,720	86.67
2d qtr.	0	--	4,930	121.51	2,400	41.32	0	--	4,025	18.65	14,320	62.00
3d qtr.												
4th qtr.												
Total and average												
All eastern Washington:												
1st qtr.	0	--	25,637	46.24	12,000	121.56	2,316	21.49	7,310	82.76	78,620	50.65
2d qtr.	0	--	30,928	88.11	4,335	54.57	74	65.82	7,930	17.76	53,190	63.49
3d qtr.												
4th qtr.												
Total and average												
All eastern Oregon and eastern Washington:												
1st qtr.	0	--	54,057	33.08	227,890	134.80	2,316	21.49	52,925	34.84	435,515	82.62
2d qtr.	0	--	56,458	57.77	102,868	130.40	74	65.82	38,383	46.51	227,360	84.63
3d qtr.												
4th qtr.												
Total and average												
Pacific Northwest Region:												
1st qtr.	678,242	182.39	58,177	32.69	233,830	132.73	226,004	51.62	120,680	58.85	1,662,831	109.74
2d qtr.	356,733	153.81	57,608	56.70	105,338	128.63	137,865	71.69	93,813	78.38	693,295	106.15
3d qtr.												
4th qtr.												
Total and average												
All of Oregon:												
1st qtr.	576,892	197.91	32,540	20.43	221,830	133.33	95,025	51.14	77,855	42.19	1,256,376	125.50
2d qtr.	254,298	166.50	26,680	21.04	101,003	131.81	30,830	96.11	50,488	67.47	542,815	120.28
3d qtr.												
4th qtr.												
Total and average												
All of Washington:												
1st qtr.	101,350	94.01	25,637	46.24	12,000	121.56	130,979	51.96	42,825	89.15	406,455	61.01
2d qtr.	102,435	122.30	30,928	88.11	4,335	54.57	107,035	64.08	43,325	91.09	350,480	84.27
3d qtr.												
4th qtr.												
Total and average												

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

^{1/}Preliminary.

^{2/}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 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).

^{3/} Does not include noble fir or Shasta red fir.

Table 47--Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983					
	1978	1979	1980	1981	TOTAL	20 QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
Montana:											
U.S. Forest Service ¹	533,161	512,023	579,943	536,133	547,509	179,983	123,057	220,534			
U.S. Bur. Land Manage. ²	4,576	9,148	11,079	9,061	6,265	104	75	557			
U.S. Bur. Indian Affairs	6,880	37,468	25,405	24,693	17,198	1,699	453	5,674			
State of Montana	25,036	28,110	24,662	28,853	25,417	2,339	5,481	5,922			
Total	569,653	586,749	642,089	598,740	596,442	184,125	129,066	232,687			
Idaho:											
U.S. Forest Service ¹	836,629	843,992	828,507	741,147	687,320	208,305	131,481	176,129			
U.S. Bur. Land Manage. ²	27,656	778	19,283	33,221	11,538	2,566	238	7,950			
U.S. Bur. Indian Affairs	8,491	1,609	2,381	14,484	7,070	4,818	0	8,376			
State of Idaho	120,261	179,307	222,137	14,820	38,727	9,442	22,012	28,525			
Total	993,039	1,025,686	1,072,308	803,672	744,655	225,131	153,731	220,980			
All public lands:											
U.S. Forest Service ¹	1,369,790	1,356,015	1,408,450	1,277,280	1,234,829	388,288	254,538	396,663			
U.S. Bur. Land Manage. ²	32,232	9,926	30,362	42,282	17,803	2,670	313	8,507			
U.S. Bur. Indian Affairs	15,371	39,077	27,786	39,177	24,268	6,517	453	14,050			
State of Montana	25,036	28,110	24,662	28,853	25,470	2,339	5,481	5,922			
State of Idaho	120,261	179,307	222,137	14,820	38,727	9,442	22,012	28,525			
Total	1,562,690	1,612,435	1,713,397	1,402,412	1,341,097	409,256	282,797	453,667			

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales.

Table 48--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In dollars per thousand board feet)

AGENCY	1982					1983					
	1978	1979	1980	1981	AVERAGE	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
Montana:											
U.S. Forest Service ¹	62.12	59.66	43.31	57.46	29.80	33.76	34.73	33.39			
U.S. Bur. Land Manage. ²	50.25	41.99	60.39	39.52	32.17	11.04	7.93	14.90			
U.S. Bur. Indian Affairs	35.78	114.61	104.81	65.05	73.50	147.71	17.56	50.03			
State of Montana	104.76	114.36	79.44	99.28	81.39	76.50	62.74	82.52			
Average	63.58	65.52	47.43	59.52	33.28	35.34	35.84	35.00			
Idaho:											
U.S. Forest Service ¹	52.10	63.56	40.74	43.27	28.28	36.81	54.29	44.91			
U.S. Bur. Land Manage. ²	83.46	63.70	47.09	55.45	26.71	61.68	9.34	76.90			
U.S. Bur. Indian Affairs	67.51	119.89	129.09	83.15	78.79	82.44	--	78.87			
State of Idaho	133.14	102.23	92.21	101.83	45.28	60.05	90.53	64.02			
Average	62.92	70.41	51.71	44.88	29.62	39.04	59.41	49.82			
All public lands:											
U.S. Forest Service ¹	56.00	62.09	41.80	49.22	28.95	35.39	44.83	38.51			
U.S. Bur. Land Manage. ²	78.75	43.69	51.94	38.92	28.63	59.71	9.00	72.84			
U.S. Bur. Indian Affairs	53.31	114.83	106.53	71.74	75.04	99.45	17.56	67.23			
State of Montana	104.76	114.36	79.44	99.28	81.39	76.50	62.74	82.52			
State of Idaho	133.14	102.23	92.21	101.83	45.28	60.05	90.53	64.02			
Average	63.16	68.63	50.11	51.13	31.25	37.38	48.65	42.22			

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log prices.

Table 49--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83¹
(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR	POWDERUSA PINE	WESTERN WHITE PINE	LODGEPOLE PINE	ENGELMANN SPRUCE	WESTERN HEMLOCK	CEDARS	LARCH	TRUE FIRS	ALL SPECIES
1972	26.70	35.50	30.30	16.50	27.00	12.90	28.50	34.30	19.20	26.50
1973	50.70	66.50	65.90	38.30	65.80	42.60	45.20	66.30	46.10	53.30
1974	31.90	63.50	117.80	19.40	39.10	28.90	26.50	38.90	29.20	44.70
1975	14.40	22.40	36.20	19.20	10.90	2.00	42.50	20.30	4.80	18.30
1976	23.00	56.80	91.40	16.70	42.20	9.60	45.80	52.90	9.30	35.40
1977	41.50	96.60	122.70	38.30	61.40	11.90	72.00	72.20	20.20	53.20
1978	41.20	113.50	146.00	44.70	85.80	42.50	144.90	69.60	37.30	64.80
1979	51.90	127.20	185.60	34.40	75.90	62.10	117.20	91.40	43.90	70.90
1980	20.50	112.70	80.10	42.70	44.10	171.80	123.20	73.80	30.10	53.40
1981	44.20	74.20	149.70	54.50	63.00	61.40	95.60	67.20	78.40	63.90
1982	26.60	48.10	81.40	34.60	27.20	71.10	60.90	28.30	37.70	36.20
1983--										
1st quarter	38.30	63.90	108.40	26.50	32.30	71.60	133.40	46.00	48.60	48.12
2d quarter	35.40	24.30	120.60	40.60	31.10	58.20	140.80	61.00	84.20	51.90
3d quarter										
4th quarter										

1983 average

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

¹Prices 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 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).

Table 50--Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83
(in thousand board feet, Scribner scale)

AGENCY	1982					1983					
	1978	1979	1980	1981	TOTAL	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
U.S. Forest Service ¹	175,140	93,733	145,285	163,700	71,429	48,290	978	6,696			
U.S. Bur. Land Manage. ²	142	22	125	32	1,270	0	0	0			
U.S. Bur. Indian Affairs	440	258,360	12,794	200	7,680	0	0	0			
State of Alaska	6,932	156,235	4,949	18,402	24,154	4,500	3,900	3,960			
Total	182,654	508,350	163,153	182,334	104,533	52,790	4,878	10,656			

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales or volume given away through free use permits.

Table 51--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In dollars per thousand board feet)

AGENCY	1982							1983			
	1978	1979	1980	1981	AVERAGE	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	51.73	159.71	101.72	46.91	32.03	32.28	17.24	65.76			
U.S. Bur. Land Manage. ²	94.72	34.09	6.00	34.00	28.08	--	--	--			
U.S. Bur. Indian Affairs	80.00	5.31	151.83	2.00	122.40	--	--	--			
State of Alaska	26.60	3.22	24.63	19.21	18.23	18.97	17.06	18.93			
Average	50.88	33.14	103.24	44.06	35.43	42.80	17.09	48.21			

Source--respective agencies listed. Includes products other than sawtimber.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

Table 52--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	SITKA SPRUCE	WESTERN HEMLOCK	CEDAR AND OTHER SOFTWOODS	ALL SPECIES
1972	7.30	7.90	1.00	7.60
1973	13.30	11.50	21.10	12.50
1974	41.80	22.30	41.70	28.80
1975	33.00	18.10	60.70	23.20
1976	25.10	12.00	67.30	28.00
1977	65.00	65.00	4.00	63.00
1978	99.17	4.27	136.17	40.57
1979	289.50	100.00	161.70	142.70
1980	213.30	18.40	437.40	101.10
1981	131.60	24.30	4.50	47.50
1982--				
1st quarter	30.10	6.20	1.60	10.60
2d quarter	34.90	6.40	27.10	30.80
3d quarter	128.20	23.60	71.80	47.40
4th quarter	66.30	6.70	3.90	22.80
1982 average	39.00	14.50	35.70	32.40
1983--				
1st quarter	24.50	7.70	13.80	17.10
2d quarter	70.50	47.20	6.90	60.50
3d quarter				
4th quarter				
1983 average				

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

¹Prices 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 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).

Table 53--Volume of timber sold on publicly owned or managed lands in California, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982							1983			
	1978	1979	1980	1981	TOTAL	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
U.S. Forest Service ¹	2,001,607	2,071,263	1,875,796	1,899,263	1,617,664	483,374	437,956	458,723			
U.S. Bur. Land Manage. ²	13,107	4,195	17,203	14,471	33,368	2,534	513	NA			
U.S. Bur. Indian Affairs	37,200	33,729	22,230	11,000	63,595	33,595	0	3,000			
State of California	27,333	21,833	30,328	10,480	34,726	31,263	17,342	13,775			
Total	2,079,247	2,131,020	1,945,557	1,935,214	1,749,353	550,766	455,811	NA			

Source--respective agencies listed.

¹Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

Table 54--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83
(In dollars per thousand board feet)

AGENCY	1982							1983			
	1978	1979	1980	1981	AVERAGE	2D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	145.57	201.08	241.39	149.78	53.87	55.45	83.83	60.86			
U.S. Bur. Land Manage. ²	96.39	102.59	173.25	84.26	47.05	52.92	83.94	NA			
U.S. Bur. Indian Affairs	125.34	157.70	158.28	224.73	153.90	154.70	--	110.00			
State of California	273.35	370.76	283.94	190.57	133.93	143.09	247.97	116.05			
Average	146.58	201.94	240.51	180.70	58.97	66.46	90.04	NA			

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

NA = not available.

Table 55--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR	PONDEROSA AND JEFFREY PINES	SUGAR PINE	LODGEPOLE PINE	CEDARS	TRUE FIRS	ALL SPECIES
1972	40.70	65.80	66.60	5.40	50.10	30.20	47.40
1973	84.80	108.60	89.30	12.40	86.40	70.20	83.10
1974	87.00	101.40	104.00	6.50	112.00	41.70	81.80
1975	51.40	71.00	99.00	22.40	79.90	19.70	53.80
1976	76.00	101.80	185.00	6.50	84.00	23.40	80.40
1977	124.30	131.40	168.50	165.20	337.90	50.60	121.10
1978	131.10	164.70	169.20	136.20	516.40	79.80	148.10
1979	186.60	239.00	375.40	25.40	497.10	96.00	206.20
1980	189.50	206.10	671.40	252.80	559.90	133.40	252.20
1981	146.70	196.20	224.10	123.60	108.20	90.30	156.10
1982--							
1st quarter	55.30	93.80	79.30	33.90	303.00	36.10	66.80
2d quarter	43.20	66.20	55.50	22.60	106.90	43.10	55.30
3d quarter	55.70	58.10	78.20	27.40	62.30	24.90	50.00
4th quarter	44.60	70.90	45.00	17.60	49.40	47.10	54.20
1982 average	50.00	66.90	72.00	27.80	70.30R	36.30	54.50
1983--							
1st quarter	75.70	84.60	149.30	37.80	109.60	72.20	85.10
2d quarter	48.30	119.40	70.80	25.40	99.40	43.60	65.70
3d quarter							
4th quarter							
1983 average							

Source--Forest Service, U.S. Department of Agriculture. Pacific Southwest Region is the State of California.

¹Prices 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 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).

R = revised.

Table 56--Uncut volume under contract on National Forest lands in California, Montana, Idaho, Oregon, and Washington, 1972-82^{1/}

(In million board feet, Scribner log rule)

YEAR	CALIFORNIA	MONTANA	IDAHO ^{2/}		OREGON	WASHINGTON
			NORTHERN	SOUTHERN		
1972	5,075.0	1,398.6	<u>3/</u> 1,693.6	<u>4/</u> 1,132.8	8,006.0	3,504.3
1973	NA	1,362.1	1,333.3	<u>4/</u> 1,089.1	7,549.1	3,196.3
1974	5,030.2	1,242.4	1,438.3	1,040.1	7,004.2	3,255.1
1975	5,594.0	1,214.8	1,541.3	1,106.4	7,752.2	3,704.8
1976	<u>3/</u> 5,516.3	1,350.4	<u>3/</u> 1,650.5	578.9	7,755.8	3,822.3
1977	<u>4/</u> 4,882.3	<u>4/</u> 1,309.9	<u>4/</u> 1,480.1	<u>4/</u> 993.6	7,351.5	4,293.5
1978	5,126.4	<u>4/</u> 1,331.4	<u>4/</u> 1,604.9	<u>3/</u> 1,009.2	8,538.3	3,948.3
1979	<u>4/</u> 5,221.5	<u>4/</u> 1,426.0	<u>4/</u> 1,525.5	<u>4/</u> 939.3	8,610.5	4,730.6
1980	<u>4/</u> 5,834.9	1,468.6	1,386.6	819.1	9,939.3	4,526.7
1981	<u>4/</u> 6,225.2	<u>4/</u> 1,631.8	<u>4/</u> 1,693.6	<u>4/</u> 780.7	<u>3/</u> 12,020.1	<u>3/</u> 5,377.1
1982	<u>3/</u> 7,365.6	<u>3/</u> 1,800.7	<u>4/</u> 1,833.6	NA	<u>3/</u> 12,646.6	<u>3/</u> 5,478.3

Source--Forest Service, U.S. Department of Agriculture, Regions 1, 4, 5, and 6.

^{1/}As of December 31 unless otherwise noted.

^{2/}National Forests in northern Idaho for fiscal years 1972 and 1973 are Clearwater, Coeur D'Alene, Kaniksu, Nezperce, St. Joe. After fiscal year 1974, 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, and Targhee.

^{3/}As of June 30.

^{4/}As of September 30.

NA = not available.

Table 57--Allowable annual cut and uncut volume under contract on Oregon State lands, 1972-82^{1/}

(In million board feet, Scribner log rule)

YEAR	ALLOWABLE CUT	UNCUT VOLUME UNDER CONTRACT	RATIO
1972	193	308	1.6
1973	193	338	1.8
1974	200	333	1.7
1975	206	391	1.9
1976	203	428	2.1
1977	220	446	2.0
1978	241	443	1.8
1979	223	472	2.2
1980	225	482	2.1
1981	220	507	2.3
1982	220	676	3.1

Source--State of Oregon, Department of Forestry.

^{1/}As of December 31.

Table 58--Allowable annual cut and uncut volume under contract on Washington State lands, 1972-83^{1/}

(In million board feet, Scribner log rule)

YEAR	ALLOWABLE CUT	UNCUT VOLUME UNDER CONTRACT	RATIO
1972	774	1,184	1.5
1973	774	1,152	1.5
1974	774	1,511	2.0
1975	774	1,734	2.2
1976	774	1,977	2.6
1977	774	2,021	2.6
1978	774	1,801	2.3
1979	774	1,880	2.4
1980	805	1,893	2.4
1981	805	1,906	2.4
1982	805	1,651	2.1
1983	805	1,824	2.3

Source--State of Washington, Department of Natural Resources.

^{1/}As of December 31 for 1972; as of June 30 for 1973-83.

Table 59--Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83

YEAR AND QUARTER	COLVILLE ¹		UESCHUTES		FREMONT		GIFFORD PINCHOT		HALHEUR		MOUNT BAKER-SNOQUALMIE ²		MOUNT HOOD	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	23	84,440	0	--	0	--	0	--
1973	0	--	0	--	2	25,600	12	18,740	0	--	0	--	0	--
1974	4	30,100	0	--	4	46,300	33	172,615	1	650	8	26,860	11	63,527
1975	4	13,855	0	--	5	66,920	18	147,050	2	2,135	8	56,320	17	66,390
1976	1	2,263	0	--	1	15,200	7	68,250	0	--	2	8,350	4	10,658
1977	3	13,800	7	63,290	8	69,000	13	192,500	0	--	10	70,450	15	76,379
1978	4	43,500	0	--	1	357	15	161,500	0	--	0	--	20	83,856
1979	5	42,780	4	2,150	11	79,460	0	--	0	--	19	11,575	34	86,586
1980	2	20,400	3	2,032	6	44,360	16	113,140	0	--	18	6,763	44	26,525
1981	14	39,075	10	7,525	7	38,900	3	290	1	89	15	12,572	29	41,313
1982	10	38,460	9	9,580	8	13,440	18	30,920	0	--	12	4,400	51	16,246
1983--														
1st qtr.	1	400	0	--	2	8,900	2	10,020	1	545	3	8,470	4	1,230
2d qtr.	1	575	1	640	3	10,500	3	1,620	1	130	4	745	4	672
3d qtr.														
4th qtr.														
1983 total														

YEAR AND QUARTER	OCHOCO		OKANOGAN		OLYMPIC		ROGUE RIVER		SISKIYOU		SIUSLAW		UMATILLA	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	8	32,897	0	--	0	--	8	26,356	11	198,116
1973	0	--	0	--	22	92,199	0	--	17	94,680	14	72,701	5	22,400
1974	0	--	3	19,000	12	78,990	28	98,752	12	52,775	34	174,471	11	74,710
1975	3	39,550	2	21,000	8	53,842	24	143,665	22	59,331	26	201,478	5	28,620
1976	3	19,270	2	9,300	5	45,579	18	46,254	7	22,335	17	118,763	6	23,110
1977	0	--	1	11,500	2	30,926	25	100,807	14	58,980	17	91,027	7	31,100
1978	5	34,300	0	--	6	44,615	47	171,251	13	62,300	39	231,303	0	--
1979	3	23,500	7	20,105	12	106,105	50	118,818	2	270	16	120,834	4	35,500
1980	1	7,700	2	10,600	12	69,100	31	123,125	7	29,510	7	45,137	3	18,200
1981	5	35,000	2	13,100	6	58,500	54	168,580	24	78,733	44	201,038	7	36,936
1982	3	1,100	3	15,750	4	1,860	26	85,272	33	45,719	44	94,808	1	150
1983--														
1st qtr.	0	--	0	--	1	140	2	990	4	25,440	6	904	2	5,400
2d qtr.	0	--	0	--	1	330	19	37,665	5	2,900	3	576	2	10,100
3d qtr.														
4th qtr.														
1983 total														

YEAR AND QUARTER	UMPQUA		WALLOWA-WHITMAN		WENATCHEE		WILLAMETTE		WINEMA		ALL FORESTS	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	0	--	0	--	50	341,809
1973	0	--	8	77,400	0	--	7	58,510	5	22,460	92	484,690
1974	22	124,807	0	--	0	--	7	61,520	5	35,550	195	1,060,627
1975	29	146,668	0	--	2	17,400	10	137,810	9	69,600	194	1,271,634
1976	21	55,093	0	--	0	--	19	121,100	5	38,040	118	603,565
1977	29	128,705	0	--	0	--	48	174,585	8	35,110	207	1,148,159
1978	29	125,330	0	--	0	--	33	177,660	13	60,006	225	1,195,958
1979	35	169,212	0	--	5	23,100	53	146,366	6	59,050	266	1,045,391
1980	31	166,650	7	1,799	4	18,000	83	197,229	4	30,400	281	930,670
1981	49	119,185	16	79,375	9	41,760	63	137,827	8	69,900	366	1,179,698
1982	36	91,800	10	36,860	7	17,812	80	73,989	7	61,400	342	639,566
1983--												
1st qtr.	5	1,730	0	--	2	10,500	15	10,838	0	--	50	85,507
2d qtr.	2	820	0	--	2	9,450	13	36,063	0	--	64	112,986
3d qtr.												
4th qtr.												
1983 total												

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

¹July 1, 1974, Colville National Forest in Washington became part of the Pacific Northwest Region.

²July 1, 1974, Snoqualmie National Forest was merged with the Mount Baker National Forest.

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, second quarter 1983. Resour. Bull. PNW-108. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 66 p.

Provides current information on the 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), import/export (forest products), markets (external), economics (forestry business).

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Timber Resource Statistics for the Tanana Inventory Unit, Alaska, 1971-75

Willem W. S. van Hees



Abstract

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Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented for the 1971-75 timber inventory of the Tanana unit, Alaska. This report summarizes statistics previously published for the four inventory blocks of the unit: Fairbanks, Kantishna, Upper Tanana, and Wood-Salcha. Timberland area is estimated at 2.19 million acres (888 164 ha), net growing stock volume at 2.27 billion cubic feet (64.36 million m³), and annual net growth and mortality at 61.34 and 6.14 million cubic feet (1.74 and 0.17 million m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (Tanana River valley).

Author

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Summary

This report for the 14-million-acre (5 523 114-ha) Tanana forest inventory unit summarizes statistics of its four inventory blocks published from 1975-83. The unit begins near Tanana, Alaska, northwest of Fairbanks, and extends southeast of Delta Junction through the Tanana River Valley to the Canadian border.

This is the first general reinventory of forests in the Tanana unit since the first inventory in 1961-63. Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1971-75 timber resources inventory of the Tanana unit. Timberland area is estimated at 2.19 million acres (888 164 ha), net growing stock volume at 2.27 billion cubic feet (64.36 million m³), and net annual growth and mortality at 61.34 and 6.14 million cubic feet (1.74 and 0.17 million m³), respectively.

Preface

Forest Inventory and Analysis (FIA) is a nationwide project of the USDA Forest Service authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. Work units of the project, located at Forest Service Experiment Stations, conduct forest resource inventories throughout the 50 States. The Pacific Northwest Forest and Range Experiment Station at Portland, Oregon, is responsible for forest inventories in Alaska, California, Hawaii, Oregon, and Washington.

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Highlights

	<i>Thousand acres</i>	<i>Thousand hectares</i>		
Tanana inventory				
unit area:	13,647.9	5 523.1		
With forest	11,324.7	4 582.9		
With nonforest	2,000.4	809.5		
With non-Census water	<u>1/</u>	<u>1/</u>		
With Census water	322.8	130.6		
Forested area:				
Timberland	2,194.7	888.2		
Other forest land	9,130.0	3 694.8		
Timberland composition:				
Sawtimber	516.2	208.9		
Poletimber	862.5	349.0		
Seedlings and saplings, and nonstocked	816.0	330.2		
Timberland forest type composition:				
Black spruce	43.3	17.5		
White spruce	752.7	304.6		
Balsam poplar	84.4	34.2		
Paper birch	888.9	359.7		
Quaking aspen	403.6	163.3		
Tamarack	<u>1/</u>	<u>1/</u>		
Nonstocked	21.8	8.8		
	<u>All</u>		<u>Sawtimber</u>	
	<u>growing stock</u>		<u>growing stock</u>	
	<i>Million</i>	<i>Million</i>	<i>Million</i>	<i>Million</i>
	<i>cubic</i>	<i>cubic</i>	<i>board</i>	<i>cubic</i>
	<i>feet <u>2/</u></i>	<i>meters <u>2/</u></i>	<i>feet <u>3/</u></i>	<i>meters <u>4/</u></i>
Volumes on timberland:				
Total gross volume	2,375.5	67.3	6,199.5	23.6
Total net volume	2,273.2	64.4	5,951.3	22.6
Annual net growth	61.3	1.7	182.9	0.2
Annual net mortality	6.1	.2	18.3	<u>5/</u>

1/No data were collected.

2/Volume of roundwood in live trees 5.0 inches (12.7 cm) in d.b.h. and larger.

3/Net volume, International 1/4-inch rule, for softwood trees 9.0 inches (22.9 cm) in d.b.h. and larger, and for hardwood trees 11.0 inches (28 cm) in d.b.h. and larger.

4/Volume of roundwood for softwood trees 9.0 inches (22.9 cm) in d.b.h. and larger, and for hardwood trees 11.0 inches (28 cm) in d.b.h. and larger.

5/Less than 30 000 cubic meters.

Introduction

This report for the Tanana timber inventory unit summarizes statistics previously published for the four inventory blocks of the unit: Fairbanks (Hegg 1975), Kantishna (Hegg 1975), Upper Tanana (Hegg 1983), and Wood-Salcha (Winterberger 1983). The Tanana unit lies in the Tanana River Valley between 141° and 152° west longitude, and between 62°15' and 65°30' north latitude (fig. 1).

Major physiographic features of the Tanana River Valley include the north drainage of the eastern and central portions of the Alaska Range, the northwestern section of the Wrangell Mountains, the Tanana lowlands, and the south drainage of the Yukon-Tanana upland.

The morphological features of the Tanana Valley are essentially simple. Included are glaciated mountains, glacial moraines and outwash plains, low terraces on the south side of the Valley, and unglaciated hills, mountains, and low terraces on the north side of the Valley. Also, sand dunes occur in several areas of the Valley.

Soils in the Tanana Valley have developed in different types of material in a cold, continental climate. The soils in the Alaska Range, the Wrangell Mountains, and adjoining foothills have developed in glacial deposits. The soils in the Tanana uplands have developed in silty loess over colluvial material of weathered rock. Soils in the Tanana lowland developed in thin, silty loess over glacial outwash of sandy or gravelly material and in deep, silty loess deposits. Soils on flood plains and low terraces developed in stratified silt and sand over gravel. Soils in depressions in the lowlands have developed in organic material of decaying plants. Soils on south-facing and convex slopes are usually better drained than soils on north-facing and concave slopes. Wet soils in such concavities are often caused by permafrost, and bogs and muskegs are also common in depressions.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented from the 1971-75 timber resources inventory of the Tanana unit. Timberland area is estimated at 2.19 million acres (888 164 ha), net growing stock volume at 2.27 billion cubic feet (64.36 million m³), and net annual growth and mortality at 61.34 and 6.14 million cubic feet (1.74 and 0.17 million m³), respectively.



Figure 1.--Tanana inventory unit.

Inventory Procedures

The estimates of area and timber volumes from the 1971-75 timber reinventory are based on a double sampling (2-phase) technique (Bickford 1952). In the first phase of the sampling study, 46,602 photo points were systematically distributed over 1:15,840 scale aerial photographs, then interpreted. Each photo point was classified by land type. Of the 46,602 photo plots, 798 ground plots were selected. Tree measurements were made on these plots in the second phase of the sampling. Corrected area classifications and measurements of volume on these ground plots served as the basis for the area and volume estimates presented in this report.

Estimates of growth volumes presented are based on increment borings; the estimates of mortality were based on estimations of the number of years since the trees died.

Ownership Statistics

Statistics on land ownership are not presented in this report because of uncertainties of changes in land status associated with Alaska Native and State of Alaska land selections and wilderness area withdrawals. These changes in land status are the result of Federal legislation: the Alaska Statehood Act of 1958, Public Law 85-508; the Alaska Native Claims Settlement Act of 1971, Public Law 92-203; and the Alaska National Interest Lands Conservation Act, Public Law 96-487. Alaska Native land selections and decisions on wilderness withdrawals seemed nearly settled at the end of 1982, but Alaska State selections will remain uncertain for the next 5-10 years.

Statistics on ownership and reserved land status and a resource analysis will be published when the status of land shifts is more clear. It is already clear, however, that the Alaska Native and State of Alaska land selections are concentrating partly on timberlands, which will leave a reduced proportion of the better timberland in Federal ownership.

Reliability of Inventory Data

All area and volume statistics reported here are estimates based on sampling and are subject to sampling error. Sampling errors for all estimates presented in the tables are available on request. The reliability of the inventory is expressed in terms of relative sampling error at the 68-percent confidence level:

	<u>Design sampling error</u>	<u>Sampling error achieved</u>	<u>Sampling error of the total estimate</u>
	- - - - - <i>Percent</i> - - - - -		
Timberland area:			
Per million acres	3.0	4.2	
For the total 2.2 million acres			2.8
Other forest land area:			
Per million acres	10.0	2.4	
For the total 9.1 million acres			0.8
Net growing stock volume:			
On timberland, per billion ft ³	10.0	5.9	
For the total 2.3 billion ft ³			3.9
Net growth on growing stock:			
On timberland, per billion ft ³	10.0	1.4	
For the total 61.3 million ft ³			5.5

For the Tanana inventory unit, we estimate 2,273.2 billion cubic feet of net growing stock volume, ± 2.8 percent, yielding 68-percent confidence limits of 2,209.5 and 2,336.8 billion cubic feet. That confidence level means that upon repeated sampling, about 68 percent of the confidence intervals constructed for each sample would capture the true value of the parameter being estimated.

We were within the design sampling error for other forest land, net volume, and net growth.

Terminology ^{6/}

Acceptable trees--Trees meeting the specifications for growing stock but not qualifying as desirable trees.

Allowable cut--The volume of timber that could be cut on timberland during a given period under specified management plans for sustained production, such as those in effect on National Forests.

Area condition class--Area condition class provides a general stratification of timberland by management opportunity class as indicated by the stocking or area controlled by tree and cover class.

Census water--Streams, sloughs, estuaries, and canals more than one-eighth mile (200 m) wide; and lakes, reservoirs, and ponds more than 40 acres (16 ha) in area. (Also see non-census water).

Commercial species--Tree species suitable for industrial products.

Cull logs--Softwood sawtimber logs with two-thirds or more of the board-foot volume in cull material. Hardwood sawtimber logs with half or more of the volume in cull material.

Cull material--Portions of a tree unusable for industrial products because of rot, form, or other defect.

Cull trees--Live trees of sawtimber or poletimber size that are not merchantable for saw logs now nor are they likely to become merchantable because of defect, rot, or species.

D.b.h.--Diameter at breast height, a point 4-1/2 feet (1.37 m) above the ground on the uphill side of a tree, where, on a normally formed tree, the diameter is measured.

Desirable trees--Growing stock trees with no serious defects in quality limiting present or prospective use, relatively high vigor, and hosting no pathogens that could result in death or serious deterioration before rotation age. They include the type of trees forest managers aim to grow; that is, the trees left in silvicultural cutting or favored in cultural operations.

^{6/}Terminology is from the USDA Forest Service, Forest Service Handbook, Title 4813.1, 1967, and the manual of field instructions for the forest survey of the Tanana River Basin, Alaska, 1975.

Diameter class--A classification of trees based on diameter of the tree outside the bark measured at breast height, 4-1/2 feet (1.37 m) above the ground. D.b.h. is the common abbreviation for "diameter at breast height." Each 2-inch diameter class is assigned to the appropriate even inch at midpoint. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h.

Forest land--Land at least 16.7 percent stocked by live trees of any size, or land formerly having such tree cover, and not currently developed for nonforest use. Includes chaparral areas in the western United States and afforested areas. The minimum area for classification as forest land or subclasses of forest land is 1 acre (0.4 ha). Roadside, streamside, and shelterbelt strips of timber must be at least 120 feet (36 m) wide to be classified as forest land. Unimproved roads and trails, streams, and clearings in forest areas must be less than 120 feet wide to be classified as forest land. (Also see timberland, other forest land, reserved forest land, and nonforest land.)

Forest types--A classification of forest land based on the species forming a plurality of the live tree stocking.

Black spruce--Forests in which a plurality of the stand is black spruce. Black spruce most often occurs in nearly pure stands but can be found mixed with tamarack, white spruce, paper birch, and aspen. Black spruce is fairly characteristic of poorer forest land.

White spruce--Forests in which a plurality of the stand is white spruce. Common associates include paper birch and balsam poplar, and occasionally black spruce or quaking aspen.

Tamarack--Forests in which a plurality of the stand is tamarack. Tamarack rarely occurs as a pure type and is more often found as an associated species in the black spruce type.

Balsam poplar--Forests in which a plurality of the stand is balsam poplar. South of the Alaska Range balsam poplar may be replaced by black cottonwood or hybrids between the two. As the poplar ages it is usually replaced by white spruce; however, it is usually found as a nearly pure type with only an occasional associate of white spruce or paper birch.

Black cottonwood--Forests in which a plurality of the stand is black cottonwood. Black cottonwood is found south of the Alaska Range in pure stands along the major rivers. It hybridizes extensively with balsam poplar where their ranges

overlap and in this overlap area types are not distinguished by species but are usually reported as cottonwood/poplar. Black cottonwood stands are replaced by white spruce as they age and the pure stands contain only an occasional white spruce or paper birch.

Paper birch--Forests in which a plurality of the stand is paper birch. Paper birch can occur in pure stands but is more often mixed with white spruce, quaking aspen, or black spruce.

Quaking aspen--Forests in which a plurality of the stand is aspen. Aspen is usually found as a pure type following fire and a willow stage of succession. As the aspen ages it is usually replaced by spruce, except on very dry sites where it may remain as a pure type. Common associates include black spruce and white spruce and occasionally paper birch.

Growing stock trees--Sawtimber trees, poletimber trees, saplings, and seedlings; that is, all live trees except cull trees.

Growing stock volume--The net cubic-foot volume of sound wood in the bole of growing stock trees 5.0 inches (12.5 cm) in d.b.h. and larger, from stump to a minimum 4.0-inch (10-cm) top outside the bark or to the point where the central stem breaks into limbs.

Hardwoods--Dicotyledonous trees, usually broad-leaved and deciduous. Hardwood species in interior Alaska are balsam poplar, black cottonwood, paper birch, and quaking aspen.

Inhibiting vegetation--Cover sufficiently dense to prevent establishment of tree seedlings.

Inoperable forest land--Other forest land with a gross volume of less than 800 cubic feet per acre, or forest land on rough, rocky, steep, or otherwise broken terrain.

International 1/4-inch rule--A rule used to determine the tree volume in board feet (Bruce and Schumacher 1950).

Land area--Area reported as land by the Bureau of the Census. Total land area includes dry land and land temporarily or partially covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than 120 feet (36 m) wide; and lakes, reservoirs, and ponds less than 1 acre (0.4 ha) in area. (Also see non-Census water).

Land class--A classification of land by major use, such as timberland, other forest, and nonforest. The minimum size area for classification is 1 acre (0.4 ha).

Log grades--A classification of logs based on external characteristics as indicators of quality or value.

Marginal timberland- Other forest land with a gross volume over 800 cubic feet per acre.

Mean annual increment (MAI)--A measure of the volume of wood, in cubic feet, produced on 1 acre during 1 year. Forest Inventory and Analysis (FIA) minimum standard for timberland is the ability to produce 20 cubic feet per acre per year.

Merchantable tree--A merchantable tree must be producing or be capable of producing at least one merchantable saw log which is at least 50-percent sound for hardwoods or 33-percent sound for softwoods, board foot measure. All poletimber that is less than 50-percent sound, cubic-foot measure, and all saplings with any sign of rot are not considered merchantable trees, but rotten culls. All trees that are of such poor form that they will never produce a merchantable saw log are not classed as merchantable trees, but as sound culls or rough trees.

Mortality--Number of or the sound wood volume from live trees dying from natural causes during a specified period (5 years).

Net annual growth of growing stock--The annual change in volume of sound wood in live sawtimber and poletimber trees.

Net annual growth of sawtimber--The annual change in net board-foot volume of live sawtimber trees.

Net volume- The gross volume of a tree less deductions for rot, sweep, or other defect affecting product use.

Non-Census water--Streams, sloughs, estuaries, and canals between 120 feet (36 m) and one-eighth mile (200 m) wide; and lakes, reservoirs, and ponds between 1 and 40 acres (0.4 and 16 ha) in area. (Also see Census water).

Noncommercial species--Tree species of typically small size, poor form, or inferior quality that normally is not suitable for industrial products.

Nonforest land- Land that does not qualify as forest land. Includes land that has never supported forests and lands formerly forested where forest use is precluded by development for nonforest uses, such as crops, improved pasture, residential areas, and city parks. Also includes improved roads and certain areas of water classified by the Bureau of Census as land. Unimproved roads, streams, canals, and nonforest strips in forest areas must be more than 120 feet (36 m) wide, and clearings in forest areas must be more than 1 acre (0.4 ha) in size to qualify as nonforest land.

Nonstockable land--Areas of forest land not capable of supporting forest growth because of rock, water, etc.

Nonstocked areas--Timberland less than 16.7 percent stocked with growing stock trees.

Other forest land--(1) Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions (producing less than 20 cubic feet per acre per year). This includes sterile or poorly drained forest land, subalpine forests, and steep rocky areas where topographic conditions are likely to prevent management for timber production indefinitely. In coastal Alaska, this includes forest lands that are not capable of producing 8,000 board feet per acre (net International 1/4-inch rule).

Overstocked areas--Areas where growth of trees is greatly reduced by excessive numbers of trees.

Poletimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Poletimber trees--Growing stock trees 5.0 to 8.9 inches (12.5 to 22.6 cm) in d.b.h. for softwoods and 5.0 to 10.9 inches (12.5 to 27.5 cm) in d.b.h. for hardwoods.

Reserved forest land--Productive forest land withdrawn from commercial timber use through statute or administrative regulation.

Rotten cull trees--Live trees 5.0 inches (12.5 cm) in d.b.h. and larger that do not contain a saw log now and are not likely to, primarily because of rot.

Rough trees--Live trees 5.0 inches (12.5 cm) in d.b.h. and larger that do not contain a saw log now and are not likely to, primarily because of roughness, poor form, or because they are a noncommercial species.

Salvable dead trees--Standing dead trees that are considered currently or potentially merchantable by regional standards. A poletimber tree must be more than one-half sound; a sawtimber tree more than one-third sound (board measure).

Sapling trees--Trees 1.0 to 4.9 inches (2.5 to 12.5 cm) in d.b.h.

Saw log-- A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet (2.5 m) long, sound and straight, and with a minimum small-end diameter of 6 inches (15 cm) inside the bark for softwoods and 8 inches (20 cm) for hardwoods.

Saw-log portion--The bole of sawtimber trees between the stump and the saw log top.

Saw-log top--The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum top diameter is 7.0 inches (18 cm) outside the bark for softwoods and 9.0 inches (23 cm) outside the bark for hardwoods.

Sawtimber stands--Stands at least 16.7 percent stocked with growing stock trees, with half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to that of poletimber.

Sawtimber trees-- Growing stock trees at least 9.0 inches in d.b.h. for softwoods and 11.0 inches in d.b.h. for hardwoods.

Sawtimber volume- Net volume of sawtimber trees measured in board feet. Net volume equals gross volume less deduction for rot, sweep, crook, and other defects that affect use for lumber.

Seedling- An established tree less than 1.0 inch (2.5 cm) in d.b.h.

Seedling and sapling stands--Stands at least 16.7 percent stocked with growing stock trees and with seedlings and/or saplings comprising more than half this stocking.

Site class--A classification of forest land based on its capacity to grow crops of industrial wood.

Softwoods--Coniferous trees, usually evergreen with needles or scalelike leaves. Species in interior Alaska are white spruce, black spruce, and tamarack.

Stand age class--A classification of forest land based on the predominant age of trees in a given stand.

Stand size class--A classification of forest land based on the predominant size of growing stock present: sawtimber, poletimber, or seedlings and saplings.

Stocking--The degree of occupancy of land by trees, measured by basal area and/or the number of trees in a stand by size or age and spacing, compared with the basal area or number of trees required to fully utilize the growth potential of the land; that is, the stocking standard.

Timberland--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization. Areas qualifying as timberland could produce more than 20 cubic feet per acre (1.4 m³/ha) per year of industrial wood under management.

Tree size class--A classification of growing stock trees based on the diameter of the tree at breast height.

Upper-stem portion--That part of the main stem or fork of sawtimber trees above the saw-log top to a minimum top diameter of 4.0 inches outside the bark or to the point where the main stem or fork breaks into limbs.

Names of Trees 1/

Common name	Scientific name
<u>Softwoods:</u>	
Black spruce	<i>Picea mariana</i> (Mill.) B.S.P.
White spruce	<i>Picea glauca</i> (Moench) Voss
Tamarack	<i>Larix laricina</i> (Du Roi) K. Koch
<u>Hardwoods:</u>	
Balsam poplar	<i>Populus balsamifera</i> L.
Quaking aspen	<i>Populus tremuloides</i> Michx.
Paper birch	<i>Betula papyrifera</i> Marsh.

1/Scientific names are according to Viereck and Little (1972).

Tables

Estimates in this report are developed from statistically based samples and therefore are subject to sampling error. Sampling errors for estimates of various sizes are presented in the section "Reliability of Inventory Data."

TABLE 1--AREA BY LAND CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

LAND CLASS	THOUSAND ACRES
FOREST LAND:	
TIMBERLAND	2,194.7
MARGINAL TIMBERLAND	283.9
INOPERABLE FOREST LAND	8,846.1
	<hr/>
TOTAL	11,324.7
NONFOREST LAND <u>2/</u>	2,000.4
	<hr/>
ALL LANDS	13,325.1
CENSUS WATER	322.8
	<hr/>
ALL LANDS	13,647.9

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

2/Includes swampland, industrial and urban areas, other nonforest land, and 172,500 acres classified as water by Forest Inventory and Analysis standards but defined by the Bureau of the Census as land.

TABLE 2--AREA OF TIMBERLAND AND MARGINAL TIMBERLAND BY STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

STAND SIZE CLASS	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND ACRES</i>			
SAWTIMBER	516.2	69.7	585.9
POLETIMBER	862.5	209.5	1,072.1
SEEDLING AND SAPLING	794.1	4.7	798.8
NONSTOCKED	21.9	--	21.9
ALL CLASSES	2,194.7	283.9	2,478.6

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 3--AREA OF TIMBERLAND AND MARGINAL TIMBERLAND BY STAND VOLUME CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

STAND VOLUME CLASS	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND ACRES</i>			
<i>BOARD FEET PER ACRE</i>			
0-1,499	1,265.8	127.8	1,393.6
1,500-2,999	265.5	60.7	326.2
3,000-4,999	202.6	48.9	251.5
5,000-6,999	121.6	25.6	147.2
7,000 AND OVER	339.2	20.9	360.1
ALL CLASSES	2,194.7	283.9	2,478.6

Estimates are subject to sampling error.

^{1/}Totals may be off because of rounding.

TABLE 4--AREA OF TIMBERLAND AND MARGINAL TIMBERLAND BY STAND VOLUME AND STAND SIZE CLASSES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

STAND VOLUME CLASS	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>CUBIC FEET PER ACRE</i>		<i>THOUSAND ACRES</i>			
0-299	21.9	511.3	23.8	--	557.0
300-799	--	245.3	289.2	28.5	563.0
800-1,499	--	37.1	494.2	156.2	687.5
1,500-2,199	--	5.0	208.2	170.6	383.8
2,200 AND OVER	--	--	56.7	230.6	287.3
ALL CLASSES	21.9	798.7	1,072.1	585.9	2,478.6

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 5--AREA OF TIMBERLAND BY AREA CONDITION CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

CODE	AREA CONDITION CLASS	THOUSAND ACRES
10	Areas 100 percent or more stocked with desirable trees and not overstocked.	30.8
20	Areas 100 percent or more stocked with desirable trees and overstocked.	142.6
30	Areas 60 to 100 percent stocked with desirable trees and with less than 50 percent of the area controlled by acceptable growing stock trees, cull trees, inhibiting vegetation, slash, or nonstockable conditions.	75.9
40	Areas 60 to 100 percent stocked with desirable trees and with 30 percent or more of the area controlled by other trees (or overstocked areas) or conditions that ordinarily prevent occupancy by desirable trees.	363.5
50	Areas less than 60 percent stocked with desirable trees but with 100-percent or more stocking with growing stock trees.	650.0
60	Areas less than 60 percent stocked with desirable trees but with 60- to 100-percent stocking with growing stock trees.	723.2
70	Areas less than 60 percent stocked with desirable trees and with less than 60-percent stocking with growing stock trees.	208.7
	ALL CLASSES	2,194.7

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

TABLE 6--AREA OF TIMBERLAND BY SITE CLASS,
TANANA INVENTORY UNIT, INTERIOR ALASKA,
1971-75 1/

SITE CLASS <u>2/</u>	THOUSAND ACRES
<i>CUBIC FEET</i>	
85 AND MORE	--
50-85	5.0
LESS THAN 50	2,189.7
ALL CLASSES	2,194.7

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

2/Potential yield per acre, mean annual increment.

TABLE 7--AREA OF TIMBERLAND, MARGINAL TIMBERLAND, AND
INOPERABLE FOREST LAND BY FOREST TYPE, TANANA INVENTORY UNIT,
INTERIOR ALASKA, 1971-75 1/

FOREST TYPE	TIMBERLAND	MARGINAL TIMBERLAND	INOPERABLE FOREST LAND	TOTAL
<i>THOUSAND ACRES</i>				
BALSAM POPLAR	84.4	--	69.3	153.7
BLACK SPRUCE	43.3	61.0	6,612.4	6,716.7
WHITE SPRUCE	752.7	160.1	919.5	1,832.3
PAPER BIRCH	888.9	47.0	793.3	1,729.2
QUAKING ASPEN	403.6	15.8	435.9	855.3
TAMARACK	--	--	15.6	15.6
NONSTOCKED	21.8	--	--	21.8
ALL TYPES	2,194.7	283.9	8,846.0	11,324.6

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 8--AREA OF TIMBERLAND BY STAND AGE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

STAND AGE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>YEARS</i>		<i>THOUSAND ACRES</i>			
1-10	2.4	48.0	--	--	50.4
10-20	4.7	93.3	--	3.0	101.0
20-30	--	189.3	7.6	6.4	203.3
30-40	14.8	260.6	67.0	--	342.4
40-50	--	87.7	156.7	--	244.4
50-60	--	45.9	108.3	2.7	156.9
60-70	--	10.4	98.0	10.4	118.8
70-80	--	15.0	113.8	41.2	170.0
80-90	--	4.6	27.3	30.8	62.7
90-100	--	3.2	102.6	79.4	185.2
100-120	--	7.9	83.9	96.0	187.8
120-140	--	5.6	47.5	102.9	156.0
140-160	--	--	21.4	35.7	57.1
160-180	--	--	3.0	23.8	26.8
180-200	--	--	--	12.2	12.2
200-300	--	--	5.4	41.8	47.2
300 AND OVER	--	--	--	6.1	6.1
MIXED AGES	--	22.6	20.0	23.8	66.4
ALL AGES	21.9	794.1	862.5	516.2	2,194.7

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 9--AREA OF MARGINAL TIMBERLAND BY STAND AGE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

STAND AGE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>YEARS</i>		<i>THOUSAND ACRES</i>			
1-10	--	--	--	--	--
10-20	--	--	--	--	--
20-30	--	--	--	--	--
30-40	--	--	--	--	--
40-50	--	--	--	--	--
50-60	--	--	3.3	--	3.3
60-70	--	--	9.4	--	9.4
70-80	--	--	17.6	--	17.6
80-90	--	--	11.9	--	11.9
90-100	--	--	12.9	2.8	15.7
100-120	--	4.7	71.6	17.9	94.2
120-140	--	--	23.1	12.4	35.5
140-160	--	--	13.0	9.6	22.6
160-180	--	--	3.2	6.5	9.7
180-200	--	--	12.3	5.0	17.3
200-300	--	--	11.4	12.3	23.7
300 AND OVER	--	--	--	--	--
MIXED AGES	--	--	19.7	3.2	22.9
ALL AGES	--	4.7	209.4	69.7	283.8

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 10--NUMBER OF GROWING STOCK TREES ON TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	BALSAM POPLAR	BLACK SPRUCE	PAPER BIRCH	QUAKING ASPEN	WHITE SPRUCE	ALL SPECIES
<i>INCHES AT BREAST HEIGHT</i>	<i>THOUSAND TREES</i>					
1.0-2.9	32,259.8	--	393,016.4	151,304.9	189,545.6	766,126.7
3.0-4.9	15,233.3	--	177,208.0	101,367.1	79,090.1	372,898.5
5.0-6.9	11,485.2	10,167.9	71,972.4	45,687.9	46,892.4	186,205.8
7.0-8.9	4,164.9	3,219.4	34,158.0	15,811.3	33,870.5	91,224.1
9.0-10.9	2,405.1	385.0	14,284.3	4,022.5	24,478.4	45,575.3
11.0-12.9	1,342.2	135.2	3,411.1	775.9	13,960.2	19,624.6
13.0-14.9	469.4	10.1	659.2	166.8	7,316.0	8,621.5
15.0-16.9	142.3	--	105.7	96.0	3,131.0	3,475.0
17.0-18.9	11.6	--	14.6	38.4	1,205.2	1,269.8
19.0-20.9	15.9	--	--	--	443.6	459.5
21.0-28.9	--	--	--	--	188.0	188.0
29 AND OVER	--	--	--	--	2.5	2.5
ALL CLASSES	67,529.7	13,917.6	694,829.7	319,270.8	400,123.5	1,495,671.3

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 11--NUMBER OF GROWING STOCK TREES 5.0-INCH D.B.H. AND LARGER ON MARGINAL
TIMBERLAND BY 5-FOOT HEIGHT CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR
ALASKA, 1971-75 1/

HEIGHT CLASS	BALSAM POPLAR	BLACK SPRUCE	PAPER BIRCH	QUAKING ASPEN	WHITE SPRUCE	ALL SPECIES
<i>THOUSAND TREES</i>						
0-30	1,548.7	2,092.6	3,509.1	1,978.8	9,520.1	18,649.3
31-35	1,705.7	4,837.0	6,360.0	3,293.9	12,650.4	28,847.0
36-40	2,373.0	7,114.0	15,310.7	7,892.4	21,094.1	53,784.2
41-45	2,392.7	6,769.0	21,280.7	10,691.1	22,660.9	63,794.4
46-50	5,090.6	4,778.6	33,484.3	18,969.6	25,796.3	88,119.4
51-55	3,367.1	2,498.8	26,059.9	10,659.8	20,725.3	63,310.9
56-60	1,960.0	1,056.0	18,462.1	9,004.1	16,376.4	46,858.6
61-65	992.6	415.2	9,782.1	4,484.9	13,314.3	28,989.1
66-70	556.2	140.4	3,485.0	2,395.3	10,577.9	17,154.8
71-75	189.6	--	1,043.7	681.3	7,079.5	8,994.1
76-80	206.4	16.1	278.1	257.4	4,446.1	5,204.1
81-85	151.5	--	--	32.7	3,338.6	3,522.8
86-90	28.0	--	19.7	126.7	1,622.2	1,796.6
91-95	42.7	--	--	--	836.2	878.9
96-100	--	--	--	--	442.6	442.6
100 AND OVER	--	--	--	--	157.8	157.8
ALL CLASSES	20,604.8	29,717.7	139,075.4	70,468.0	170,638.7	430,504.6

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 12- NET VOLUME OF GROWING STOCK ON TIMBERLAND, IN CUBIC FEET AND VOLUME PER ACRE, BY FOREST TYPE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1

FOREST TYPE AND UNIT	SAWTIMBER	POLETIMBER	SEEDLINGS AND SAPLINGS	NONSTOCKED AREAS	TOTAL
BALSAM POPLAR:					
FT ³	15,254,227	41,405,937	14,420,922	--	71,081,086
ACRES	8,998	34,233	41,186	--	84,416
FT ³ /ACRE	1,695	1,210	350	--	842
BLACK SPRUCE:					
FT ³	2,743,930	33,579,614	365,621	--	36,689,165
ACRES	3,042	37,623	2,666	--	43,331
FT ³ /ACRE	902	826	137	--	847
WHITE SPRUCE:					
FT ³	883,602,644	281,845,003	49,519,566	--	1,214,967,213
ACRES	407,169	219,002	126,449	--	752,620
FT ³ /ACRE	2,170	1,287	392	--	1,614
PAPER BIRCH:					
FT ³	134,711,368	457,490,847	79,264,210	--	671,466,427
ACRES	85,253	407,017	396,662	--	888,932
FT ³ /ACRE	1,580	1,124	200	--	755
QUAKING ASPEN:					
FT ³	14,547,633	199,619,504	64,494,216	--	278,661,353
ACRES	11,747	164,613	227,148	--	403,509
FT ³ /ACRE	1,238	1,213	284	--	691
TAMARACK:					
FT ³	--	--	--	--	--
ACRES	--	--	--	--	--
FT ³ /ACRE	--	--	--	--	--
NONSTOCKED:					
FT ³	--	--	--	184,603	184,603
ACRES	--	--	--	21,872	21,872
FT ³ /ACRE	--	--	--	8	8
ALL TYPES:					
FT ³	1,050,859,802	1,013,940,906	208,064,535	184,603	2,273,049,846
ACRES	516,209	862,488	794,111	21,872	2,194,679
FT ³ /ACRE	2,035	1,176	262	8	1,036

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 13--NET VOLUME OF TIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY CLASS OF TIMBER AND BY SOFTWOODS AND HARDWOODS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

CLASS OF TIMBER	TIMBERLAND			MARGINAL TIMBERLAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
<i>MILLION CUBIC FEET</i>						
SAWTIMBER TREES:						
SAW-LOG PORTION	911.5	86.0	997.5	112.3	3.0	115.3
UPPER-STEM PORTION	72.8	25.1	97.9	12.0	1.0	13.0
TOTAL	984.3	111.1	1,095.4	124.3	4.0	128.3
POLETIMBER TREES	368.7	809.1	1,177.8	150.2	62.6	212.8
ALL GROWING STOCK TREES	1,353.0	920.2	2,273.2	274.5	66.6	341.1
ROUGH TREES	4.4	2.9	7.3	2.4	--	2.4
ROTTEN TREES	2.9	22.1	25.0	.8	2.2	3.0
SALVABLE TREES	29.3	4.5	33.8	4.8	.1	4.9
ALL CLASSES	1,389.6	949.7	2,339.3	282.5	68.9	351.4

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 14--NET VOLUME OF GROWING STOCK ON TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>	<i>MILLION CUBIC FEET</i>							
5.0-6.9	22.0	116.1	138.1	20.2	170.7	120.7	311.6	448.9
7.0-8.9	17.6	213.1	230.7	19.4	193.9	91.8	305.1	535.8
9.0-10.9	4.0	291.7	296.7	18.2	135.1	39.0	192.3	488.0
11.0-12.9	2.0	261.6	263.6	18.4	44.7	12.3	75.4	339.0
13.0-14.9	.2	201.8	202.0	8.7	12.2	3.5	24.4	226.4
15.0-16.9	--	118.4	118.4	3.6	2.2	2.5	8.3	126.7
17.0-18.9	--	60.0	60.0	.3	.3	1.6	2.2	62.2
19.0-20.9	--	28.5	28.5	.9	--	--	.9	29.4
21.0-28.9	--	15.6	15.6	--	--	--	--	15.6
29.0 AND OVER	--	0.4	0.4	--	--	--	--	.4
ALL CLASSES	45.8	1,307.2	1,353.0	89.7	559.1	271.4	920.2	2,273.2

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 15--NET VOLUME OF GROWING STOCK ON TIMBERLAND AND MARGINAL TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>	<i>MILLION CUBIC FEET</i>							
5.0-6.9	47.9	158.1	206.0	20.2	188.5	127.0	335.7	541.7
7.0-8.9	37.8	275.2	313.0	20.3	214.3	97.4	332.0	645.0
9.0-10.9	8.6	349.8	358.4	18.7	143.3	41.9	203.9	562.3
11.0-12.9	2.7	297.2	299.9	18.5	47.1	13.1	78.7	378.6
13.0-14.9	.9	219.0	219.0	8.6	12.5	3.6	24.7	244.5
15.0-16.9	.2	122.7	122.9	3.6	2.3	2.6	8.5	131.4
17.0-18.9	--	61.7	61.7	.4	0.3	1.6	2.3	64.0
19.0-20.9	--	29.6	29.6	.9	--	--	.9	30.5
21.0-28.9	--	15.6	15.6	.1	--	--	.1	15.7
29.0 AND OVER	--	.4	.4	--	--	--	--	.4
ALL CLASSES	98.1	1,529.2	1,627.3	91.3	608.3	287.2	986.8	2,614.1

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 16--NET VOLUME OF SAWTIMBER ON TIMBERLAND BY DIAMETER AND CLASS SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
9.0-10.9	23.0	1,547.7	1,570.7	--	--	--	--	1,570.7
11.0-12.9	11.2	1,445.6	1,456.8	60.0	188.9	51.5	300.4	1,757.2
13.0-14.9	1.3	1,153.3	1,154.6	35.5	55.3	15.9	106.7	1,261.3
15.0-16.9	--	687.7	687.7	17.3	11.8	11.5	40.6	728.3
17.0-18.9	--	352.3	352.3	1.6	1.5	7.8	10.9	363.2
19.0-20.9	--	170.1	170.1	4.7	--	--	4.7	174.8
21.0-28.9	--	93.4	93.4	--	--	--	--	93.4
29.0 AND OVER	--	2.4	2.4	--	--	--	--	2.4
ALL CLASSES	35.5	5,452.5	5,488.0	119.1	257.5	86.7	463.3	5,951.3

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 17--NET VOLUME OF SAWTIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
9.0-10.9	47.1	1,879.9	1,927.0	--	--	--	--	1,927.0
11.0-12.9	15.0	1,645.7	1,660.7	60.0	199.2	55.0	314.3	1,974.9
13.0-14.9	5.3	1,248.4	1,253.7	35.5	56.9	16.0	108.4	1,362.1
15.0-16.9	.7	711.2	711.9	17.4	11.8	11.9	41.1	753.0
17.0-18.9	--	361.7	361.7	3.7	1.5	7.8	13.0	374.7
19.0-20.9	--	176.5	176.5	2.6	--	--	2.6	179.1
21.0-28.9	--	93.4	93.4	1.0	--	--	1.0	94.4
29.0 AND OVER	--	2.4	2.4	--	--	--	--	2.4
ALL CLASSES	68.1	6,119.2	6,187.3	120.2	269.4	90.7	480.3	6,667.6

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 18--GROSS VOLUME OF SAWTIMBER ON TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
9.0-10.9	23.8	1,570.0	1,593.8	--	--	--	--	1,593.4
11.0-12.9	12.0	1,476.7	1,488.7	65.6	247.5	56.6	369.7	1,858.4
13.0-14.9	1.3	1,180.6	1,181.9	41.1	74.0	18.8	133.9	1,315.8
15.0-16.9	--	712.1	712.1	19.5	17.1	14.4	51.0	763.1
17.0-18.9	--	373.7	373.7	2.0	2.7	9.0	13.7	387.4
19.0-20.9	--	178.4	178.4	4.7	--	--	4.7	183.1
21.0-28.9	--	95.5	95.5	--	--	--	--	95.5
29.0 AND OVER	--	2.4	2.4	--	--	--	--	2.4
ALL CLASSES	37.1	5,589.4	5,626.5	132.9	341.3	98.8	573.0	6,199.5

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 19--GROSS VOLUME OF SAWTIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY DIAMETER CLASS AND SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 ^{1/}

DIAMETER CLASS	SOFTWOODS			HARDWOODS				ALL SPECIES
	BLACK SPRUCE	WHITE SPRUCE	TOTAL	BALSAM POPLAR	PAPER BIRCH	QUAKING ASPEN	TOTAL	
<i>INCHES AT BREAST HEIGHT</i>		<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
9.0-10.9	49.6	1,908.5	1,958.1	--	--	--	--	1,958.1
11.0-12.9	15.8	1,684.9	1,700.7	65.8	259.3	60.6	385.7	2,086.4
13.0-14.9	5.3	1,281.0	1,286.3	41.1	76.0	18.8	135.9	1,422.2
15.0-16.9	1.2	737.2	738.4	19.6	17.1	15.5	52.2	790.6
17.0-18.9	--	384.2	384.2	2.0	2.7	9.0	13.7	397.9
19.0-20.9	--	184.6	184.6	4.7	--	--	4.7	189.3
21.0-28.9	--	95.5	95.5	1.0	--	--	1.0	96.5
29.0 AND OVER	--	2.4	2.4	--	--	--	--	2.4
ALL CLASSES	71.9	6,278.3	6,350.2	134.2	355.1	104.0	593.2	6,943.4

Estimates are subject to sampling error.

-- = no data were collected.

^{1/}Totals may be off because of rounding.

TABLE 20--NET VOLUME OF GROWING STOCK ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

FOREST TYPE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>MILLION CUBIC FEET</i>					
BALSAM POPLAR	--	14.4	41.5	15.3	71.2
BLACK SPRUCE	--	0.4	26.9	2.7	30.0
PAPER BIRCH	--	79.3	457.5	134.7	671.5
QUAKING ASPEN	--	64.4	199.6	14.6	278.6
WHITE SPRUCE	0.2	49.5	288.5	883.6	1,221.8
ALL TYPES	0.2	208.1	1,013.9	1,050.9	2,273.1

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 21--NET VOLUME OF GROWING STOCK ON MARGINAL TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

FOREST TYPE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>MILLION CUBIC FEET</i>					
BALSAM POPLAR	--	--	--	--	--
BLACK SPRUCE	--	--	62.4	--	62.4
PAPER BIRCH	--	--	39.1	--	39.1
QUAKING ASPEN	--	--	18.8	--	18.8
WHITE SPRUCE	--	3.4	113.1	102.2	218.7
ALL TYPES	--	3.4	233.4	102.2	339.0

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 22--NET VOLUME OF SAWTIMBER ON TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

FOREST TYPE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
BALSAM POPLAR	--	11.0	86.9	62.8	160.7
BLACK SPRUCE	--	--	47.6	9.5	57.1
PAPER BIRCH	--	121.2	537.8	459.5	1,118.6
QUAKING ASPEN	--	30.7	99.8	46.8	177.3
WHITE SPRUCE	--	136.3	632.4	3,668.9	4,437.6
ALL TYPES	--	299.2	1,404.5	4,247.6	5,951.3

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 23--NET VOLUME OF SAWTIMBER ON MARGINAL TIMBERLAND BY FOREST TYPE AND STAND SIZE CLASS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

FOREST TYPE	NONSTOCKED AREAS	STAND SIZE CLASS			TOTAL
		SEEDLING AND SAPLING	POLETIMBER	SAWTIMBER	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
BALSAM POPLAR	--	--	--	--	--
BLACK SPRUCE	--	--	49.6	--	49.6
PAPER BIRCH	--	--	34.0	--	34.0
QUAKING ASPEN	--	--	9.2	--	9.2
WHITE SPRUCE	--	12.6	203.4	407.4	623.4
ALL TYPES	--	12.6	296.2	407.4	716.2

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 24--NET VOLUME OF SAWTIMBER ON TIMBERLAND BY SPECIES AND LOG GRADE, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	LOG GRADE <u>2/</u>				TOTAL
	1	2	3	4 <u>3/</u>	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
SOFTWOODS:					
BLACK SPRUCE	--	--	29.4	6.1	35.5
WHITE SPRUCE	5.7	118.8	4,540.7	787.4	5,452.6
TOTAL	5.7	118.8	4,570.1	793.5	5,488.1
HARDWOODS:					
BALSAM POPLAR	.7	21.6	84.8	11.9	119.0
PAPER BIRCH	--	21.9	172.5	63.0	257.4
QUAKING ASPEN	1.6	11.3	65.8	7.9	86.6
TOTAL	2.3	54.8	323.1	82.8	463.0
ALL SPECIES	8.0	173.6	4,893.2	876.3	5,951.1

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

2/Forest Products Laboratory. Hardwood log grades for standard lumber. USDA For. Prod. Lab. Rep. R1737; 1959. 61 p.

Northern Hemlock and Hardwood Manufacturers Association. Official grading rules for northern hardwood and softwood logs and tie cuts. Green Bay, WI.; 1959. 12 p.

3/Logs for local use.

TABLE 25--NET VOLUME OF SAWTIMBER ON MARGINAL TIMBERLAND BY SPECIES AND LOG GRADE, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	LOG GRADE <u>2/</u>				TOTAL
	1	2	3	4 <u>3/</u>	
<i>MILLION BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>					
SOFTWOODS:					
BLACK SPRUCE	--	--	19.8	12.1	31.9
WHITE SPRUCE	--	4.0	495.7	166.6	666.3
TOTAL	--	4.0	515.5	178.7	698.2
HARDWOODS:					
BALSAM POPLAR	--	--	1.2	--	1.2
PAPER BIRCH	0.7	.7	9.0	1.4	11.8
QUAKING ASPEN	--	--	1.3	2.6	3.9
TOTAL	.7	.7	11.5	4.0	16.9
ALL SPECIES	.7	4.7	527.0	182.7	715.1

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

2/Forest Products Laboratory. Hardwood log grades for standard lumber. USDA For. Prod. Lab. Rep. R1737; 1959. 61 p.

Northern Hemlock and Hardwood Manufacturers Association. Official grading rules for northern hardwood and softwood logs and tie cuts. Green Bay, WI.; 1959. 12 p.

3/Logs for local use.

TABLE 26--NET ANNUAL GROWTH OF GROWING STOCK ON TIMBERLAND AND MARGINAL TIMBERLAND BY SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND CUBIC FEET</i>			
SOFTWOODS:			
BLACK SPRUCE	2,151.8	1,780.6	3,932.4
WHITE SPRUCE	22,316.4	3,553.9	25,870.3
<hr/>			
TOTAL	24,468.2	5,334.5	29,802.7
HARDWOODS:			
BALSAM POPLAR	2,240.4	20.2	2,260.6
PAPER BIRCH	19,306.0	1,186.5	20,492.5
QUAKING ASPEN	15,324.1	389.3	15,713.4
<hr/>			
TOTAL	36,870.5	1,596.0	38,466.5
ALL SPECIES	61,338.7	6,930.5	68,269.2

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

TABLE 27--NET ANNUAL GROWTH OF SAWTIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>			
SOFTWOODS:			
BLACK SPRUCE	2,004.7	2,462.0	4,466.7
WHITE SPRUCE	145,372.7	28,937.8	174,310.5
TOTAL	147,377.4	31,399.8	178,777.2
HARDWOODS:			
BALSAM POPLAR	6,258.0	19.0	6,277.0
PAPER BIRCH	21,304.8	292.2	21,597.0
QUAKING ASPEN	8,019.8	93.1	8,112.9
TOTAL	35,582.6	404.3	35,986.9
ALL SPECIES	182,960.0	31,804.1	214,764.1

Estimates are subject to sampling error.

1/Totals may be off because of rounding.

TABLE 28--ANNUAL MORTALITY OF GROWING STOCK ON TIMBERLAND AND MARGINAL TIMBERLAND BY SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND CUBIC FEET</i>			
SOFTWOODS:			
BLACK SPRUCE	227.7	22.9	250.6
WHITE SPRUCE	4,527.3	336.2	4,863.5
<hr/>			
TOTAL	4,775.0	359.1	5,134.1
HARDWOODS:			
BALSAM POPLAR	333.1	--	333.1
PAPER BIRCH	990.7	26.2	1,016.9
QUAKING ASPEN	44.8	42.4	87.2
<hr/>			
TOTAL	1,368.6	68.6	1,437.2
ALL SPECIES	6,143.6	427.7	6,571.3

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 29--ANNUAL MORTALITY OF SAWTIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY SPECIES, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

SPECIES	TIMBERLAND	MARGINAL TIMBERLAND	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>			
SOFTWOODS:			
BLACK SPRUCE	740.3	--	740.3
WHITE SPRUCE	17,347.1	1,181.3	18,528.4
TOTAL	18,087.4	1,181.3	19,268.7
HARDWOODS:			
BALSAM POPLAR	--	--	--
PAPER BIRCH	166.9	--	166.9
QUAKING ASPEN	--	--	--
TOTAL	166.9	--	166.9
ALL SPECIES	18,254.3	1,181.3	19,435.6

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 30--ANNUAL MORTALITY OF GROWING STOCK ON TIMBERLAND AND MARGINAL TIMBERLAND BY CAUSE AND BY SOFTWOODS AND HARDWOODS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

CAUSE	TIMBERLAND			MARGINAL TIMBERLAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
<i>THOUSAND CUBIC FEET</i>						
FIRE	1,828.3	697.4	2,525.7	--	--	--
INSECTS	595.3	83.1	678.4	67.3	--	67.3
DISEASE	197.0	42.7	239.7	--	--	--
WINDTHROW	597.8	75.9	673.7	118.0	42.4	60.4
LOGGING	239.6	--	239.6	--	--	--
OTHER	884.3	274.6	1,158.9	79.6	--	79.6
UNKNOWN	412.7	194.9	607.6	94.2	26.2	120.4
TOTAL	4,755.0	1,368.6	6,123.6	359.1	68.6	427.7

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

TABLE 31--ANNUAL MORTALITY OF SAWTIMBER ON TIMBERLAND AND MARGINAL TIMBERLAND BY CAUSE AND BY SOFTWOODS AND HARDWOODS, TANANA INVENTORY UNIT, INTERIOR ALASKA, 1971-75 1/

CAUSE	TIMBERLAND			MARGINAL TIMBERLAND		
	SOFTWOODS	HARDWOODS	TOTAL	SOFTWOODS	HARDWOODS	TOTAL
<i>THOUSAND BOARD FEET, INTERNATIONAL 1/4-INCH RULE</i>						
FIRE	7,545.6	166.9	7,712.5	167.9	--	167.9
INSECTS	2,632.7	--	2,632.7	--	--	--
DISEASE	1,503.1	--	1,503.1	--	--	--
WINDTHROW	2,784.6	--	2,784.6	464.4	--	464.4
LOGGING	650.7	--	650.7	--	--	--
OTHER	2,021.9	--	2,021.9	320.8	--	320.8
UNKNOWN	948.8	--	948.8	228.2	--	228.2
TOTAL	18,087.4	166.9	18,254.6	1,181.3	--	1,181.3

Estimates are subject to sampling error.

-- = no data were collected.

1/Totals may be off because of rounding.

Acknowledgments

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Statistical report preparation: Willem W. S. van Hees.

Metric Equivalents

1 inch = 2.54 centimeters (cm)
1 foot = 0.3048 meter (m)
1 mile = 1.609 kilometers (km)
1 acre = 0.4047 hectares (ha)
1 cubic foot = 0.0283 cubic meter (m³)
1 cubic foot per acre = 0.069 97 cubic meter
per hectare (m³/ha)
20 cubic feet per acre = 1.3994 cubic meters
per hectare (m³/ha)
1 square foot basal area per acre = 0.2296 square
meter per hectare (m²/ha)

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van Hees, Willem W. S. Timber resource statistics for the Tanana inventory unit, 1971-75. Resour. Bull. PNW-109. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1983. 36 p.

Statistics on forest area, total gross and net timber volumes, and annual net growth and mortality are presented for the 1971-75 timber inventory of the Tanana unit, Alaska. This report summarizes statistics previously published for the four inventory blocks of the unit: Fairbanks, Kantishna, Upper Tanana, and Wood-Salcha. Timberland area is estimated at 2.19 million acres (888 164 ha), net growing stock volume at 2.27 billion cubic feet (64.36 million m³), and annual net growth and mortality at 61.34 and 6.14 million cubic feet (1.74 and 0.17 million m³), respectively.

Keywords: Forest surveys, timber inventory, statistics (forest), resources (forest), Alaska (Tanana River valley).

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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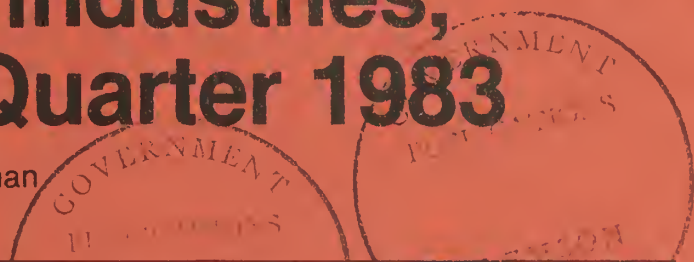
Resource Bulletin
PNW-110

March 1984



Production, Prices, Employment, and Trade in Northwest Forest Industries, Third Quarter 1983

Florence K. Ruderman



ABSTRACT

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, third quarter 1983. Resour. Bull. PNW-110. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1984. 57 p.

Provides current information on the 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), import/export (forest products), markets (external), economics (forestry business).

PREFACE

This quarterly 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.

Historical data for the years before 1969 are in the 1979 issues of "Production, Prices, Employment, and Trade in Northwest Forest Industries."

Cooperation in supplying data has been received from the following sources: the U.S. Department of Agriculture, Forest Service, Forest Resources Economics Research Staff in Washington, D.C.; 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 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.

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TABLES INCLUDED IN THIS SERIES OF REPORTS, FREQUENCY OF PUBLICATION,
AND MOST RECENT QUARTER PUBLISHED

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^{1/}A: Published annually as data become available.
 B: Published biannually as data become available.
 P: Published periodically as data become available.
 Q: Published quarterly as data become available.

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
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Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83	Q	Current, Table 27

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency</u> ^{1/}	<u>Most recent quarter</u>
Softwood lumber exports from northern California ports, by species and destination, 1972-83	Q	Current, Table 28
Softwood lumber exports from southern California ports, by species and destination, 1972-83	Q	Current, Table 29
Softwood lumber exports from Alaska ports, by species and destination, 1972-83	Q	Current, Table 30
Softwood lumber exports to Canada from the Montana Customs District, 1972-83	Q	Current, Table 31
Lumber exports from British Columbia ports, by species and destination, 1972-83	Q	Current, Table 32
Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83	Q	Current, Table 33
Plywood exports from California, 1972-83	Q	Current, Table 34
LOG PRICES IN WESTERN WASHINGTON AND NORTHWESTERN OREGON		
Douglas-fir Peeler log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Douglas-fir Sawmill log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Western hemlock log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Noble fir log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
White fir log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Sitka spruce log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency</u> ^{1/}	<u>Most recent quarter</u>
Western redcedar log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Western white pine log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
VOLUME AND AVERAGE VALUE OF STUMPAGE SOLD BY PUBLIC AGENCIES		
Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83	Q	Current, Table 35
Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83	Q	Current, Table 36
Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83	Q	Current, Table 37
Average stumpage prices 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, 1981-82	A	Second quarter 1983
Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983	Q	Current, Table 38
Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83	Q	Current, Table 39
Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83	Q	Current, Table 40

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83	Q	Current, Table 41
Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 42
Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 43
Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83	Q	Current, Table 44
Volume of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 45
Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 46
Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83	Q	Current, Table 47
Uncut volume under contract on National Forest lands in California, Montana, Idaho, Oregon, and Washington, 1972-82	A	Second quarter 1983
Allowable annual cut and uncut volume under contract on Bureau of Land Management lands in Oregon, 1972-82	A	First quarter 1983
Allowable annual cut and uncut volume under contract on Oregon State lands, 1972-82	A	Second quarter 1983
Allowable annual cut and uncut volume under contract on Washington State lands, 1972-83	A	Second quarter 1983
Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83	Q	Current, Table 48

TABLES

Table 1--Softwood lumber production in Western United States by region, and U.S. softwood plywood production, 1972-83

SOFTWOOD LUMBER PRODUCTION					
YEAR	TOTAL SOFTWOOD LUMBER	WESTERN WASHINGTON AND WESTERN OREGON ¹	CALIFORNIA REDWOOD REGION	INLAND REGION ²	U.S. SOFTWOOD PLYWOOD PRODUCTION ³
----- Million board feet -----					Million sq ft, 3/8-inch basis
1972	21,830	8,983	2,452	10,395	18,324
1973	22,267	9,074	2,629	10,564	18,305
1974	19,425	7,777	2,675	8,973	15,878
1975	17,773	7,134	2,194	8,445	16,050
1976	20,611	8,322	2,500	9,789	18,440
1977	21,558	8,796	2,453	10,309	19,677
1978	20,780	8,845	1,902	10,033	19,936
1979	20,045	8,427	1,838	9,780	20,022
1980	16,045	6,815	1,617	7,613	16,573
1981	15,004	6,339	1,455	7,210	17,073
1982	14,050	5,808	1,421	6,821	17,150
1983--					
January	1,406	642	163	601	1,598
February	1,395	612	147	636	1,557
March	1,551	696	144	711	1,848
Total, 1st quarter	4,352	1,950	454	1,948	5,003
April	1,516	682	121	713	1,703
May	1,546	693	131	722	1,799
June	1,560	644	149	767	1,659E
Total, 2d quarter	4,622	2,019	401	2,202	5,161E
July	1,445	613	127	705	1,629
August	1,495	533	128	784	1,926
September	1,581	671	121	789	1,839
Total, 3d quarter	4,521	1,867	376	2,278	5,394
October					
November					
December					
Total, 4th quarter					
1983 total					
----- 3d quarter 1983 change, in percent -----					
From--					
2d quarter 1983	-2.2	-7.5	-6.2	3.5	4.5E
3d quarter 1982	16.4R	18.3R	1.3R	17.7R	18.4

Source--Western Wood Products Association, Portland, Oregon (western Washington and western Oregon, and inland region), National Forest Products Association, Washington, D.C. (California redwood region), and American Plywood Association, Tacoma, Washington (U.S. softwood plywood data).

¹Includes small amounts of hardwood.

²Inland region includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

³Data for 1974 and 1975 are based in part on sampling.

E = estimated.

R = revised.

Table 2--Wholesale prices of selected lumber products, 1972-83

(In dollars per thousand board feet)

YEAR	DOUGLAS-FIR STD. AND BTR., 2 BY 4 RL, 8/12', 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 SHGP, 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', KO, NET, F.O.B. MILL
1972	136.00	140.00	177.00	139.00	126.00
1973	177.00	189.00	233.00	173.00	152.00
1974	144.00	162.00	247.00	136.00	120.00
1975	148.00	144.00	205.00	144.00	117.00
1976	178.00	188.00	318.00	169.00	151.00
1977	213.00	229.00	380.00	202.00	173.00
1978	241.00	263.00	459.00	238.00	209.00
1979	260.00	309.00	479.00	201.00	225.00
1980	209.00	296.00	478.00	201.00	168.00
1981	190.00	296.00	483.00	181.00	158.00
1982	167.00	253.00	357.00	160.00	141.00
1983--					
January	230.00	263.00	459.00	212.00	140.00
February	228.00	272.00	521.00	208.00	174.00
March	226.00	250.00	564.00	213.00	181.00
Average, 1st quarter	228.00	262.00	515.00	211.00	180.00
April	229.00	251.00	594.00	225.00	185.00
May	240.00	258.00	599.00	234.00	225.00
June	254.00	272.00	586.00	248.00	238.00
Average, 2d quarter	241.00	260.00	593.00	236.00	216.00
July	250.00	244.00	575.00	235.00	207.00
August	213.00	225.00	584.00	192.00	170.00
September	194.00	218.00	590.00	183.00	158.00
Average, 3d quarter	219.00	229.00	583.00	203.00	178.00
October					
November					
December					
Average, 4th quarter					
1983 average					
----- -3d quarter 1983 change, in percent -----					
From--					
2d quarter 1983	-9.1	-11.9	-1.7	-14.0	-17.6
3d quarter 1982	36.9	.4R	66.1R	31.8	29.9

Source--Random Lengths Publications, Inc.

R = revised.

Table 3--Wholesale prices of selected softwood plywood products, 1972-83

(In dollars per thousand square feet)

YEAR	SHEATHING, WESTERN EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SHEATHING, SOUTHERN (WEST)1/ EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SANDED, WESTERN INTERIOR, 1/4-INCH, AD, NET F.O.B. MILL
1972	92.00	93.00	101.00
1973	107.00	100.00	127.00
1974	92.00	94.00	140.00
1975	99.00	95.00	146.00
1976	127.00	125.00	160.00
1977	157.00	159.00	183.00
1978	169.00	174.00	214.00
1979	164.00	156.00	221.00
1980	155.00	155.00	211.00
1981	148.00	140.00	203.00
1982	135.00	139.00	185.00
1983--			
January	158.00	162.00	174.00
February	157.00	162.00	178.00
March	152.00	164.00	179.00
Average, 1st quarter	156.00	163.00	177.00
April	150.00	158.00	182.00
May	155.00	163.00	189.00
June	162.00	172.00	196.00
Average, 2d quarter	156.00	164.00	189.00
July	159.00	166.00	189.00
August	146.00	152.00	174.00
September	150.00	149.00	169.00
Average, 3d quarter	152.00	156.00	177.00
October			
November			
December			
Average, 4th quarter			
1983 average			
- - - - - 3d quarter 1983 change, in percent - - - - -			
From--			
2d quarter 1983	-2.6	-4.9	6.3
3d quarter 1982	15.2	10.6	-3.8R

Source--Random Lengths Publications, Inc.

1/ Texas, Louisiana, Arkansas.

R = revised.

Table 4--Washington and Oregon timber harvest by ownership, 1972-82

(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--							
1972	4,015	1,004	1,488	3	489	82	7,081
1973	4,728	998	1,613	1	445	24	7,809
1974	4,337	685	1,290	0	452	112	6,876
1975	4,062	540	1,098	1	419	65	6,185
1976	4,414	766	1,214	3	516	55	6,968
1977	4,068	797	1,171	4	477	75	6,592
1978	4,036	955	1,261	3	460	36	6,751
1979	4,068	1,095	1,276	<u>1</u> /1	432	98	6,969
1980	3,507	745	1,089	0	336	43	5,720
1981	3,266	468	875	1	260	20	4,890
1982	3,740	440	728	1	152	18	5,079
Oregon--							
1972	3,919	246	3,944	1,419	80	22	9,630
1973	3,610	288	3,836	1,501	95	36	9,366
1974	3,822	225	3,163	1,025	11	15	8,361
1975	3,781	160	2,661	626	123	20	7,371
1976	3,561	203	3,174	1,082	108	25	8,153
1977	3,590	228	2,913	1,021	115	11	7,878
1978	3,549	235	3,235	1,039	121	22	8,201
1979	3,209	223	3,167	956	111	29	7,695
1980	3,134	186	2,399	797	105	19	6,640
1981	2,702	216	1,981	677	95	24	5,695
1982	3,440	175	1,688	312	126	17	5,758

Source--Prepared by the Pacific Northwest Forest and Range Experiment Station in cooperation with the Washington Department of Natural Resources and Oregon Department of Forestry.

1/ Less than 500,000 board feet.

Table 5-Montana and Idaho timber harvest by ownership, 1972-82

(In million board feet, Scribner scale)

STATE AND YEAR	PRIVATE	STATE	BUREAU OF INDIAN AFFAIRS	BUREAU OF LAND MANAGEMENT	NATIONAL FOREST	TOTAL
Montana--						
1972	407.6	31.4	82.8	6.9	676.6	1,205.3
1973	429.4	23.3	98.0R	2.6R	564.1	1,117.4R
1974	499.4	7.6R	82.7R	3.3R	495.3	1,088.3R
1975	500.9	9.8	48.6R	4.8R	444.5	1,008.6R
1976	569.9	17.3	44.1R	4.6R	470.4	1,106.1R
1977	556.8	18.8	46.0	5.1R	498.9	1,125.6R
1978	626.7	27.5	53.6	5.1	458.6	1,171.5
1979	567.5	28.3	42.6	5.4	451.7	1,095.5R
1980	466.6	26.0	38.0	5.6	408.6	944.8
1981	434.0	28.9	38.0	9.1	387.3	897.3
1982	492.4	29.5	29.8	10.6	274.5	836.8
Idaho--						
1972	653.8	147.8	11.9	14.1	882.6	1,710.2
1973	642.9	169.5	9.6	5.0R	826.4R	1,653.4R
1974	686.3	176.0	20.0R	9.8	791.8	1,683.9R
1975	790.8	93.1	4.2	27.1R	677.5	1,592.7R
1976	700.7	193.6	4.0	20.2	1,009.5R	1,927.8R
1977	734.8	161.5	4.1R	20.9	826.5	1,747.8R
1978	767.6	218.7	11.4	17.5	841.6	1,856.8
1979	784.0	162.7	8.9	15.7R	833.5	1,804.8R
1980	857.6	140.8	4.5	15.9	606.0	1,624.8
1981	527.7	149.5	8.6	18.9	564.0	1,268.7
1982	642.2	82.3	10.9	17.7	450.2	1,203.3

Source--respective agencies.

R = revised.

Table 6--British Columbia timber harvest, 1972-83

(In thousand cubic meters)

YEAR	COAST ¹	INTERIOR ²	TOTAL
1972	24,706	31,744	56,450
1973	32,275	37,408	70,133
1974	27,878	32,207	60,085
1975	21,365	28,711	50,076
1976	32,192	37,226	62,418
1977	28,558	41,412	69,970
1978	32,328	42,835	75,163
1979	30,568	45,627	76,195
1980	30,174	44,090	74,804
1981	31,243	41,341	72,584
1982	21,352	34,879	56,231
1983	26,846	44,597	71,443

Source--Ministry of Forests Annual Report, Province of British Columbia (respective years).

¹Comprises all of Vancouver Forest District and one-half of Prince Rupert Forest District.

²Comprises Cariboo, Kamloops, Nelson, and Prince George Forest Districts and one-half of Prince Rupert Forest District.

Table 7--Alaska timber harvest on public lands, by ownership, 1972-82

(In thousand board feet, Scribner scale)

YEAR	STATE	BUREAU OF LAND MANAGEMENT				NATIONAL FOREST			TOTAL
		BUREAU OF INDIAN AFFAIRS	FREE USE	CUT	TOTAL	TONGASS	CHUGACH	TOTAL	
1972	50,591	5,070	17	28	45	547,500	3,021	550,521	606,227
1973	35,356	28,795	11	145	156	588,491	3,109	591,600	655,907
1974	51,241	12,083	39	114	153	544,025	5,608	549,633	613,110
1975	33,540	52	50	930	980	408,371	4,683	413,054	447,626
1976	41,714	1,011	844	295	1,139	462,776	9,402	472,178	516,042
1977	60,251	6,145	325	29	354	412,331	8,369	420,700	487,450
1978	30,301	4,040	1,862	149	2,011	398,701	9,873	408,574	444,926
1979	32,382	2,629	656	159	815	453,200	6,300	459,500	495,326
1980	47,547	17,000	484	50	534	452,121	1,565	453,686	518,767
1981	53,687	702	330	32	362	385,690	1,814	387,504	442,255
1982	35,198	2,895	NA	NA	NA	344,857	679	345,536	NA

Source--respective agencies.

NA = not available.

Table 8--California timber harvest by ownership, 1972-82

(In million board feet, Scribner scale)

YEAR	PRIVATE ¹	STATE	BUREAU OF INDIAN AFFAIRS	BUREAU OF LAND MANAGEMENT	NATIONAL FOREST ¹	TOTAL
1972	2,664	37	66	19	2,215	5,001
1973	2,813	33	51	12	2,014	4,923
1974	2,862	40	51	16	1,735	4,704
1975	2,712	35	18	46	1,523	4,334
1976	2,757	40	38	6	1,890	4,731
1977	2,964	28	38	19	1,738	4,787
1978	2,783	28	47	8	1,798	4,664
1979	2,265	26	48	18	1,727	4,084
1980	1,863	20	42	8	1,508	3,441
1981	1,722	15	22	7	1,093	2,859
1982	1,501	42	NA	NA	937	NA

Source--respective agencies.

¹May include negligible amounts from other public lands.

NA = not available.

Table 9--Employment in forest products industries in Washington, Oregon, and Alaska, 1972-83

(In thousands of persons)

YEAR	WASHINGTON AND OREGON			WASHINGTON			OREGON			ALASKA		
	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	TOTAL	LUMBER AND WOOD PRODUCTS	PULP AND ALLIED PRODUCTS
1972	150.2	122.5	27.7	65.5	47.3	18.2	84.7	75.2	9.5	--	2.8	1/
1973	155.3	127.9	27.4	66.8	49.1	17.7	88.5	78.8	9.7	--	2.3	2/
1974	152.1	124.5	27.6	67.3	49.7	17.6	84.8	74.8	10.0	--	2.5	2/
1975	137.2	110.8	26.4	60.4	43.8	16.6	76.8	67.0	9.8	--	2.0	2/
1976	150.9	123.4	27.5	68.4	51.0	17.4	82.5	72.4	10.1	3.4	2.3	1.1
1977	159.2	131.4	27.8	71.6	53.9	17.7	87.6	77.5	10.1	3.6	2.2	1.4
1978	159.3	136.5	22.8	69.1	55.1	14.0	90.2	81.4	8.8	2.9	1.8	1.1
1979	159.0	133.4	25.6	68.4	52.6	15.8	90.6	80.8	9.8	3.0	2.0	1.0
1980	144.1	116.1	28.0	64.1	46.5	17.6	80.0	69.6	10.4	3.4	2.3	1.1
1981	135.6	108.1	27.5	61.6	44.4	17.2	74.0	63.7	10.3	2.8	1.9	.9
1982	120.4	94.5	25.9	55.2	39.0	16.2	65.2	55.5	9.7	2.6	1.8	.8
1983--												
January	120.0	94.9	25.1	54.6	38.8	15.8	65.4	56.1	9.3	1.9	1.1	.8
February	122.6	97.7	24.9	55.3	39.7	15.6	67.3	58.0	9.3	2.2	1.4	.8
March	124.5	99.8	24.7	56.2	40.7	15.5	68.3	59.1	9.2	2.6	1.8	.8
Average, 1st quarter	122.3	97.4	24.9	55.3	39.7	15.6	67.0	57.7	9.3	2.2	1.4	.8
April	126.5	101.5	25.0	57.3	41.6	15.7	69.2	59.9	9.3	2.8	2.2	.6
May	128.5	103.5	25.0	57.9	42.2	15.7	70.6	61.3	9.3	3.3	2.5	.8
June	133.6	108.0	25.6	59.6	43.6	16.0	74.0	64.4	9.6	3.3	2.5	.8
Average, 2d quarter	129.6	104.4	25.2	58.3	42.5	15.8	71.3	61.9	9.4	3.1	2.4	.7
July	135.3	109.3	26.0	60.3	44.0	16.3	75.0	65.3	9.7	3.2	2.4	.8
August	134.9	108.9	26.0	59.2	42.9	16.3	75.7	66.0	9.7	3.2	2.3	.9
September	134.6	109.0	25.6	59.5	43.3	16.2	75.1	65.7	9.4	3.2	2.3	.9
Average, 3d quarter	135.0	109.1	25.9	59.7	43.4	16.3	75.3	65.7	9.6	3.2	2.3	.9
October												
November												
December												
Average, 4th quarter												
1983 average												
From--												
2d quarter 1983	5.4	4.7	.7	1.4	.9	.5	4.0	3.8	.2	.1	-.1	.2
3d quarter 1982	10.2	10.5	-.3	2.3	2.6	-.3	7.9	7.9	0	-.2	0	-.2

Source--State employment agencies. Includes both covered and noncovered employment. The lumber and wood products industry includes logging, lumber, plywood, poles and piling, and miscellaneous wood products (excludes furniture). The paper and allied products industry includes pulp, paper, paperboard, and building board products. Since April 1974, employment data have been based on place of residence.

¹Before 1973, data for the pulp and allied products industry are included in the lumber and wood products industry.

²Withheld to avoid disclosure.

Table 10--Employment in forest products industries in California, 1972-83

(In thousands of persons)

YEAR	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	90.3	52.4	37.9
1973	90.2	54.1	36.1
1974	88.2	50.9	37.3
1975	87.3	52.8	34.5
1976	96.6	59.9	36.7
1977	104.2	66.6	37.6
1978	107.1	69.9	37.2
1979	107.8	68.7	39.1
1980	101.3	62.6	38.7
1981	96.6	57.9	38.7
1982	83.7	46.2	37.5
1983--			
January	79.2	42.8	36.4
February	80.4	44.0	36.4
March	73.1	36.4	36.7
Average, 1st quarter	77.6	41.1	36.5
April	83.0	46.6	36.4
May	86.1	49.3	36.8
June	90.1	52.6	37.5
Average, 2d quarter	86.4	49.5	36.9
July			
August			
September			
Average, 3d quarter			
October			
November			
December			
Average, 4th quarter			
1983 average			
- - - 2d quarter 1983 change in employment - - -			
From--			
1st quarter 1983	8.8	8.4	.4
2d quarter 1982	2.1	3.0	-.9

Source--State of California, Department of Employment. Since April 1974, data have been based on place of residence.

Table 11--Employment in forest products industries in Montana and Idaho, 1972-83

(In thousands of persons)

YEAR	MONTANA			IDAHO	
	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	9.2	<u>1/</u>	15.2	14.1	1.1
1973	9.8	<u>1/</u>	16.3	15.1	1.2
1974	9.5	<u>1/</u>	15.7	14.6	1.1
1975	8.1	<u>1/</u>	16.8	15.7	1.1
1976	9.1	<u>1/</u>	18.6	17.4	1.2
1977	9.3	<u>1/</u>	19.0	17.8	1.2
1978	10.7	<u>1/</u>	20.1	18.8	1.3
1979	11.1	<u>1/</u>	19.9	18.5	1.4
1980	8.7	<u>1/</u>	17.5	16.1	1.4
1981	8.8	<u>1/</u>	16.6	15.1	1.5
1982	7.7	<u>1/</u>	13.6	12.1	1.5
1983--					
January	7.0	<u>1/</u>	13.6	12.1	1.5
February	7.4	<u>1/</u>	12.8	11.3	1.5
March	7.1	<u>1/</u>	12.7	11.2	1.5
Average, 1st quarter	7.2	<u>1/</u>	13.0	11.5	1.5
April	7.3	<u>1/</u>	13.6	12.1	1.5
May	7.4	<u>1/</u>	14.8	13.3	1.5
June	7.8	<u>1/</u>	16.1	14.6	1.5
Average, 2d quarter	7.5	<u>1/</u>	14.8	13.3	1.5
July	7.9	<u>1/</u>	16.6	15.1	1.5
August	8.0	<u>1/</u>	17.7	16.1	1.6
September	7.7	<u>1/</u>	17.6	16.0	1.6
Average, 3d quarter	7.9	<u>1/</u>	17.3	15.7	1.6
October					
November					
December					
Average, 4th quarter					
1983 average					
- - - - - 3d quarter 1983 change in employment - - - - -					
From--					
2d quarter 1983	.4	--	2.5	2.4	.1
3d quarter 1982	.1	--	1.9	1.8	.1

Source--State employment agencies. Since April 1974, employment data have been based on place of residence.

1/Withheld to avoid disclosing figures for individual companies.

Table 12--Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	2,637,148	767,496	36,907	1,832,745	1,907,235	566,487	1,340,748	729,913	201,009	36,907	491,997
1973	2,639,210	864,474	20,966	1,753,770	1,833,293	555,324	1,277,969	805,917	309,150	20,966	475,801
1974	2,189,367	715,514	17,481	1,456,372	1,423,570	404,884	1,018,686	765,797	310,630	17,481	437,686
1975	2,225,487	765,840	24,361	1,435,286	1,427,387	437,290	990,097	798,100	328,550	24,361	445,189
1976	2,737,074	945,649	26,576	1,764,849	1,792,944	527,889	1,265,055	944,130	417,760	26,576	499,794
1977	2,555,615	966,763	16,721	1,572,131	1,674,860	556,419	1,118,441	880,755	410,344	16,721	453,690
1978	2,847,394	1,139,267	24,493	1,683,634	1,915,979	619,500	1,296,479	931,415	519,767	24,493	387,155
1979	3,233,652	1,309,179	22,693	1,901,780	2,249,963	732,392	1,517,571	983,689	576,787	22,693	384,209
1980	2,631,817	1,262,210	12,300	1,357,307	1,699,138	645,073	1,054,065	932,679	617,137	12,300	303,242
1981	1,987,159	1,017,154	15,520	954,485	1,315,882	579,034	736,848	671,277	438,120	15,520	217,637
1982--											
1st qtr.	637,603	339,716	3,725	294,162	405,752	179,234	226,518	231,851	160,482	3,725	67,644
2d qtr.	610,403	365,318	2,731	242,354	349,134	171,695	177,439	261,269	193,623	2,731	64,915
3d qtr.	704,696	392,460	1,704	310,532	446,910	201,785	245,125	257,786	190,675	1,704	65,407
4th qtr.	614,942	330,341	3,139	281,462	394,997	177,130	217,867	219,945	153,211	3,139	63,595
1982 total	2,567,644	1,427,835	11,299	1,128,510	1,596,793	729,844	866,949	970,851	697,991	11,299	261,561
1983--											
1st qtr.	577,494	305,497	1,963	270,034	401,147	181,023	220,124	176,347	124,474	1,963	49,910
2d qtr.	609,927	333,481	1,486	274,960	412,019	187,493	224,526	197,908	145,988	1,486	50,434
3d qtr.	762,363	416,444	3,063	342,856	514,979	239,157	275,822	247,384	177,287	3,063	67,034
4th qtr.											
1983 total											
TO JAPAN											
1972	2,391,163	692,308	36,907	1,661,948	1,678,846	496,201	1,182,645	712,317	196,107	36,907	479,303
1973	2,455,485	822,160	20,966	1,612,359	1,663,203	520,373	1,142,830	792,282	301,787	20,966	469,529
1974	1,975,575	638,225	17,342	1,320,008	1,237,653	341,890	895,763	737,922	296,335	17,342	424,245
1975	2,014,244	732,264	24,361	1,257,619	1,255,817	410,721	845,096	758,427	321,543	24,361	412,523
1976	2,547,037	901,911	24,573	1,620,553	1,623,064	491,451	1,131,613	923,973	410,460	24,573	488,940
1977	2,348,325	933,813	16,721	1,397,791	1,496,627	526,255	970,372	851,698	407,558	16,721	427,419
1978	2,521,885	1,103,562	22,814	1,395,509	1,630,247	589,654	1,040,593	891,638	513,908	22,814	354,916
1979	2,959,726	1,279,177	20,611	1,659,938	1,998,315	705,921	1,292,394	961,411	573,256	20,611	367,544
1980	2,344,322	1,175,407	12,300	1,156,615	1,488,494	602,605	885,889	855,828	572,802	12,300	270,726
1981	1,603,941	846,474	15,495	741,972	1,003,391	452,724	550,667	600,550	393,750	15,495	191,305
1982--											
1st qtr.	490,917	279,704	3,725	207,488	287,202	133,825	153,377	203,715	145,879	3,725	54,111
2d qtr.	344,717	196,034	2,731	145,952	189,154	85,725	103,429	155,563	110,309	2,731	42,523
3d qtr.	474,753	281,511	1,677	191,565	271,741	131,830	139,911	203,012	149,681	1,677	51,654
4th qtr.	427,800	233,385	3,139	191,276	244,806	106,269	138,537	182,994	127,116	3,139	52,739
1982 total	1,738,187	990,634	11,272	736,281	992,903	457,649	535,254	745,284	532,985	11,272	201,027
1983--											
1st qtr.	409,186	214,008	1,963	193,215	252,587	102,641	149,946	156,599	111,367	1,963	43,269
2d qtr.	418,508	241,044	1,486	175,978	253,590	122,555	131,035	164,918	118,489	1,486	44,943
3d qtr.	400,394	230,422	3,063	166,909	228,968	112,900	116,068	171,426	117,522	3,063	50,841
4th qtr.											
1983 total											

Table 12--Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	OOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS	TOTAL	OOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	OOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS
TO CANADA											
1972	170,582	43,294	--	127,288	159,359	43,294	116,065	11,223	--	--	11,223
1973	72,164	22,265	--	49,899	72,164	22,265	49,899	--	--	--	--
1974	73,664	39,060	--	34,604	73,664	39,060	34,604	--	--	--	--
1975	58,506	16,793	--	41,713	58,506	16,793	41,713	--	--	--	--
1976	48,289	14,803	--	33,486	48,289	14,803	33,486	--	--	--	--
1977	15,698	9,531	--	6,167	15,698	9,531	6,167	--	--	--	--
1978	12,638	9,361	--	3,277	12,638	9,361	3,277	--	--	--	--
1979	24,124	7,737	--	16,387	24,124	7,737	16,387	--	--	--	--
1980	985	395	--	590	985	395	590	--	--	--	--
1981	1,332	392	--	940	1,332	392	940	--	--	--	--
1982--											
1st qtr.	2,528	463	--	2,065	2,528	463	2,065	--	--	--	--
2d qtr.	1,973	48	--	1,925	1,973	48	1,925	--	--	--	--
3d qtr.	129	40	--	89	129	40	89	--	--	--	--
4th qtr.	127	84	--	43	127	84	43	--	--	--	--
1982 total	4,757	635	--	4,122	4,757	635	4,122	--	--	--	--
1983--											
1st qtr.	120	--	--	120	120	--	120	--	--	--	--
2d qtr.	3,014	397	--	2,617	3,014	397	2,617	--	--	--	--
3d qtr.	50	--	--	50	50	--	50	--	--	--	--
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	47,554	4,419	--	43,135	46,304	4,419	41,885	1,250	--	--	1,250
1973	101,929	15,175	--	86,754	96,680	12,063	84,617	5,249	3,112	--	2,137
1974	137,665	36,308	--	101,357	111,580	23,378	88,202	26,085	12,930	--	13,155
1975	79,022	13,946	--	65,076	42,100	9,100	33,000	36,922	4,846	--	32,076
1976	130,069	26,454	--	103,615	117,007	21,068	95,939	13,062	5,386	--	7,676
1977	187,967	21,201	--	166,766	162,252	20,418	141,834	25,715	783	--	24,932
1978	307,865	24,844	--	283,021	271,887	20,426	251,461	35,978	4,418	--	31,560
1979	245,314	20,342	--	224,972	227,072	18,653	208,419	18,242	1,689	--	16,553
1980	191,387	11,796	--	179,591	163,988	9,549	154,439	27,399	2,247	--	25,152
1981	147,833	10,919	--	136,914	132,675	9,333	123,342	15,158	1,586	--	13,572
1982--											
1st qtr.	58,840	4,644	--	54,196	50,669	4,544	46,125	8,171	100	--	8,071
2d qtr.	51,309	5,905	--	45,404	38,136	2,737	35,399	13,173	3,168	--	10,005
3d qtr.	68,273	7,784	--	60,489	66,427	7,784	58,643	1,846	--	--	1,846
4th qtr.	76,314	9,476	--	66,838	64,894	8,776	56,118	11,420	700	--	10,720
1982 total	254,736	27,809	--	226,927	220,126	23,841	196,285	34,610	3,968	--	30,642
1983--											
1st qtr.	60,064	2,551	--	57,513	53,230	2,358	50,872	6,834	193	--	6,641
2d qtr.	79,983	11,588	--	68,395	74,359	11,407	62,952	5,624	181	--	5,443
3d qtr.	81,133	2,245	--	78,888	72,394	730	71,664	8,739	1,515	--	7,224
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	87,785	69,901	--	17,884	43,271	31,884	11,387	44,514	38,017	--	6,497
1981	219,237	149,592	--	69,645	170,779	111,058	59,721	48,458	38,534	--	9,924
1982--											
1st qtr.	79,715	53,813	--	25,902	60,090	39,523	20,567	19,625	14,290	--	5,335
2d qtr.	203,944	157,466	--	46,478	117,366	82,557	34,809	86,578	74,909	--	11,669
3d qtr.	143,635	95,143	--	48,492	98,120	61,115	37,005	45,515	34,028	--	11,487
4th qtr.	105,808	83,625	--	22,183	83,186	61,003	22,183	22,622	22,622	--	--
1982 total	533,102	390,047	--	143,055	358,762	244,198	114,564	174,340	145,849	--	28,491
1983--											
1st qtr.	104,596	86,035	--	18,561	94,305	75,744	18,561	10,291	10,291	--	--
2d qtr.	106,859	78,958	--	27,901	79,999	52,098	27,901	26,860	26,860	--	--
3d qtr.	280,401	183,392	--	97,009	213,563	125,523	88,040	66,838	57,869	--	8,969
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 13--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES			FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT				
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	358,713	101,467	12,089	245,157	252,839	73,175	179,664	105,874	28,292	12,089	65,493
1973	694,602	209,417	15,451	469,734	449,902	120,796	329,106	244,700	88,621	15,451	140,628
1974	612,521	194,137	17,556	400,828	364,962	103,586	271,376	237,559	90,551	17,556	129,452
1975	603,854	202,377	16,758	384,759	376,706	111,919	264,787	227,148	90,418	16,758	119,972
1976	775,113	266,523	20,086	488,504	490,246	141,939	348,257	284,867	124,534	20,087	140,247
1977	826,698	311,269	17,049	498,380	526,412	171,541	354,871	300,286	139,728	17,049	143,509
1978	992,207	413,645	24,923	553,639	637,818	212,305	425,513	354,389	201,340	24,923	128,126
1979	1,408,036	624,090	24,419	831,527	991,513	331,874	659,639	488,523	292,216	24,419	171,188
1980	1,308,858	634,898	16,596	657,364	835,524	317,744	517,780	473,334	317,154	16,596	139,584
1981	882,942	476,653	24,911	381,378	565,564	266,847	298,717	317,378	209,806	24,911	82,661
1982--											
1st qtr.	275,679	160,428	6,754	108,497	165,812	81,897	83,915	109,867	78,531	6,754	24,582
2d qtr.	253,213	159,501	5,520	88,192	140,278	74,411	65,867	112,935	85,090	5,520	22,325
3d qtr.	268,515	157,621	2,713	108,181	164,645	79,637	85,008	103,870	77,984	2,713	23,713
4th qtr.	217,502	122,704	3,732	91,066	134,354	63,579	70,775	83,148	59,125	3,732	20,291
1982 total	1,014,909	600,254	18,719	395,936	605,089	299,524	305,565	409,820	300,730	18,719	90,371
1983--											
1st qtr.	195,146	105,276	2,847	87,023	130,221	59,513	70,708	64,925	45,763	2,847	16,315
2d qtr.	209,168	117,059	1,905	90,204	138,401	64,817	73,584	70,767	52,242	1,905	16,620
3d qtr.	263,851	148,529	3,679	111,643	171,681	82,611	89,070	92,170	65,918	3,679	22,573
4th qtr.											
1983 total											
TO JAPAN											
1972	335,703	94,210	12,089	229,404	231,593	66,800	164,793	104,110	27,410	12,089	64,611
1973	664,363	201,944	15,451	446,968	422,715	115,022	307,693	241,648	86,922	15,451	139,275
1974	569,494	177,961	17,500	374,033	338,296	90,400	247,896	231,198	87,561	17,500	126,137
1975	560,754	195,469	16,758	348,527	341,885	107,149	234,736	218,869	88,320	16,758	113,791
1976	734,412	256,673	17,918	459,821	457,248	134,894	322,354	277,164	121,779	17,918	137,467
1977	776,630	303,248	17,049	456,333	484,006	164,626	319,380	292,624	138,622	17,049	136,953
1978	908,627	404,134	22,763	481,730	566,494	204,832	361,662	342,133	199,302	22,763	120,068
1979	1,387,602	612,160	22,271	753,171	910,338	323,034	587,304	477,264	289,126	22,271	165,867
1980	1,190,875	593,484	16,596	580,795	750,369	297,359	453,010	440,506	296,125	16,596	127,785
1981	740,943	404,395	24,889	311,659	451,171	213,444	237,727	289,772	190,951	24,889	73,932
1982--											
1st qtr.	223,023	134,435	6,754	81,834	123,575	62,238	61,337	99,448	72,197	6,754	20,497
2d qtr.	148,450	87,432	5,520	55,498	77,612	37,512	40,100	70,838	49,920	5,520	15,398
3d qtr.	187,946	114,656	2,673	70,617	104,744	52,556	52,188	83,202	62,100	2,673	18,429
4th qtr.	156,924	88,162	3,732	65,030	86,116	38,532	47,584	70,808	49,630	3,732	17,446
1982 total	716,343	424,685	18,679	272,979	392,047	190,838	201,209	324,296	233,847	18,679	71,770
1983--											
1st qtr.	146,567	77,446	2,847	66,274	87,522	35,794	51,728	59,045	41,652	2,847	14,546
2d qtr.	152,519	88,469	1,905	62,145	91,862	44,781	47,081	60,657	43,688	1,905	15,064
3d qtr.	147,765	85,702	3,679	58,384	82,897	41,772	41,125	64,868	43,930	3,679	17,259
4th qtr.											
1983 total											

Table 13--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	14,041	2,984	--	11,057	13,349	2,984	10,365	692	--	--	692
1973	9,593	2,900	--	6,693	9,593	2,900	6,693	--	--	--	--
1974	13,821	8,239	--	5,582	13,821	8,239	5,582	--	--	--	--
1975	8,313	2,937	--	5,376	8,313	2,937	5,376	--	--	--	--
1976	7,908	2,733	--	5,175	7,908	2,733	5,175	--	--	--	--
1977	3,545	2,154	--	1,391	3,545	2,154	1,391	--	--	--	--
1978	2,933	2,129	--	804	2,933	2,129	804	--	--	--	--
1979	7,223	2,435	--	4,788	7,223	2,435	4,788	--	--	--	--
1980	323	133	--	190	323	133	190	--	--	--	--
1981	463	173	--	290	463	173	290	--	--	--	--
1982--											
1st qtr.	487	58	--	429	487	58	429	--	--	--	--
2d qtr.	472	23	--	449	472	23	449	--	--	--	--
3d qtr.	47	19	--	28	47	19	28	--	--	--	--
4th qtr.	62	37	--	25	62	37	25	--	--	--	--
1982 total	1,068	137	--	931	1,068	137	931	--	--	--	--
1983--											
1st qtr.	42	--	--	42	42	--	42	--	--	--	--
2d qtr.	734	55	--	679	734	55	679	--	--	--	--
3d qtr.	21	--	--	21	21	--	21	--	--	--	--
4th qtr.											
1983 total											
TO SOUTH KOREA											
1972	5,094	469	--	4,625	4,939	469	4,470	155	--	--	155
1973	18,506	3,468	--	15,038	17,290	2,725	14,565	1,216	743	--	473
1974	28,225	7,303	--	20,922	22,552	4,714	17,838	5,673	2,589	--	3,084
1975	14,757	2,688	--	12,069	7,912	1,648	6,264	6,845	1,040	--	5,805
1976	27,546	5,664	--	21,882	24,400	4,350	20,050	3,146	1,315	--	1,831
1977	44,949	4,811	--	40,138	38,738	4,672	34,066	6,211	139	--	6,072
1978	76,839	6,392	--	70,447	67,974	5,333	62,641	8,865	1,059	--	7,806
1979	80,173	6,982	--	73,191	73,751	6,378	67,373	6,422	604	--	5,818
1980	71,675	4,116	--	67,559	62,108	3,279	58,829	9,567	837	--	8,730
1981	47,481	4,027	--	43,454	43,048	3,513	39,535	4,433	514	--	3,919
1982--											
1st qtr.	18,579	1,850	--	16,729	16,070	1,786	14,284	2,509	64	--	2,445
2d qtr.	16,135	1,911	--	14,224	12,406	1,197	11,209	3,729	714	--	3,015
3d qtr.	20,701	2,599	--	18,102	20,166	2,599	17,567	535	--	--	535
4th qtr.	21,000	2,809	--	18,191	18,015	2,554	15,461	2,985	255	--	2,730
1982 total	76,415	9,169	--	67,246	66,657	8,136	58,521	9,758	1,033	--	8,725
1983--											
1st qtr.	16,208	843	--	15,365	14,391	795	13,596	1,817	48	--	1,769
2d qtr.	22,775	3,224	--	19,551	21,177	3,159	18,018	1,598	65	--	1,533
3d qtr.	25,787	616	--	25,171	22,688	176	22,512	3,099	440	--	2,659
4th qtr.											
1983 total											
TO MAINLAND CHINA											
1980	41,433	34,285	--	7,148	21,326	16,692	4,634	20,107	17,593	--	2,514
1981	88,000	63,977	--	24,023	67,639	47,363	20,276	20,361	16,614	--	3,747
1982--											
1st qtr.	31,515	23,577	--	7,938	23,939	17,554	6,385	7,576	6,023	--	1,553
2d qtr.	84,797	67,655	--	17,142	48,870	35,416	13,454	35,927	32,239	--	3,688
3d qtr.	52,757	36,953	--	15,804	35,767	24,076	11,691	16,990	12,877	--	4,113
4th qtr.	38,009	30,514	--	7,495	29,643	22,148	7,495	8,366	8,366	--	--
1982 total	207,078	158,699	--	48,379	138,219	99,194	39,025	68,859	59,505	--	9,354
1983--											
1st qtr.	31,285	26,108	--	5,177	28,007	22,830	5,177	3,278	3,278	--	--
2d qtr.	32,554	24,756	--	7,798	24,254	16,456	7,798	8,300	8,300	--	--
3d qtr.	90,005	61,938	--	28,067	66,071	40,659	25,412	23,934	21,279	--	2,655
4th qtr.											
1983 total											

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 14--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	136.02	132.21	327.56	133.76	132.57	129.17	134.00	145.05	140.75	327.56	133.12
1973	263.19	242.25	736.97	267.84	245.41	217.52	257.52	303.63	286.66	736.97	295.56
1974	279.77	271.33	1,004.29	275.22	263.40	255.84	266.40	310.21	291.51	1,004.29	295.76
1975	271.34	264.20	687.90	268.07	263.91	255.94	267.43	284.61	275.20	687.90	269.49
1976	283.19	281.84	755.83	276.80	273.43	268.98	275.29	301.73	298.10	755.83	280.61
1977	323.48	321.97	1,019.62	317.01	314.30	308.29	317.26	340.94	340.51	1,019.62	316.32
1978	348.46	363.08	1,017.56	328.84	332.89	342.70	328.21	380.48	337.37	1,017.56	330.94
1979	435.43	476.70	1,076.06	437.24	440.68	453.14	434.67	496.62	506.62	1,076.06	445.56
1980	497.32	503.00	1,349.27	484.32	491.73	492.57	491.22	507.50	513.91	1,349.27	460.31
1981	444.32	468.61	1,605.09	399.56	429.80	460.85	405.40	472.80	478.88	1,605.09	379.81
1982--											
1st qtr.	432.37	472.24	1,813.25	368.83	408.65	456.93	370.45	473.87	489.35	1,813.25	363.41
2d qtr.	414.83	436.61	2,021.05	363.90	401.79	433.39	371.21	432.26	439.46	2,021.05	343.91
3d qtr.	381.04	401.62	1,591.66	348.37	368.41	394.66	346.80	402.93	408.99	1,591.66	354.29
4th qtr.	353.70	371.45	1,188.76	323.55	340.14	358.94	324.85	378.04	385.91	1,188.76	319.07
1982 average	395.27	420.40	1,656.70	350.88	378.94	410.40	352.46	422.12	430.85	1,656.70	345.51
1983--											
1st qtr.	337.92	344.61	1,450.33R	322.27	324.62	328.76	321.22	368.17	367.65	1,450.33	326.88
2d qtr.	342.94	351.02	1,282.24	328.06	335.91	345.70	327.73	357.58	357.85	1,282.24	329.54
3d qtr.	346.10	356.66	1,201.21	325.63	333.37	345.42	322.92	372.58	371.82	1,201.21	336.74
4th qtr.											
1983 average											
TO JAPAN											
1972	140.39	136.08	327.56	138.03	137.95	134.62	139.34	146.16	139.77	327.56	134.80
1973	270.56	245.63	736.97	277.21	254.16	221.04	269.24	305.00	288.03	736.97	296.63
1974	288.27	278.84	1,009.12	283.36	273.34	264.41	276.74	313.31	295.48	1,009.12	297.32
1975	278.39	266.94	687.90	277.13	272.24	260.88	277.76	288.58	274.68	687.90	275.84
1976	288.34	284.59	729.17	283.74	281.72	274.48	284.86	299.97	296.69	729.17	281.15
1977	330.72	324.74	1,019.62	326.47	323.40	312.83	329.13	343.58	340.13	1,019.62	320.42
1978	360.30	366.21	997.76	345.20	347.49	347.38	347.55	383.71	387.82	997.76	338.30
1979	468.83	478.56	1,080.54	453.73	455.55	457.61	454.43	496.42	504.36	1,080.54	451.28
1980	507.98	504.92	1,349.27	502.15	504.11	493.35	511.36	514.71	516.98	1,349.27	472.01
1981	461.95	477.74	1,606.26	420.04	449.65	471.47	431.71	482.51	484.95	1,606.26	386.46
1982--											
1st qtr.	454.30	480.63	1,813.25	394.40	430.27	465.07	399.91	488.17	494.91	1,813.25	378.79
2d qtr.	430.64	446.01	2,021.05	380.25	410.31	437.58	387.71	455.36	452.55	2,021.05	362.10
3d qtr.	395.88	407.29	1,594.30	368.63	385.45	398.66	373.01	409.84	414.88	1,594.30	356.77
4th qtr.	366.82	377.76	1,188.76	339.98	351.77	362.59	343.47	386.94	390.43	1,188.76	330.81
1982 average	412.12	428.70	1,657.12	370.75	394.85	417.00	375.91	435.13	438.75	1,657.12	357.02
1983--											
1st qtr.	358.19	361.88	1,450.33	343.01	346.50	348.73	344.98	377.05	374.01	1,450.33	336.18
2d qtr.	364.44	367.03	1,282.24	353.14	362.25	365.40	359.30	367.80	368.71	1,282.24	335.17
3d qtr.	369.05	371.93	1,201.21	349.79	362.04	369.99	354.32	378.41	373.81	1,201.21	339.47
4th qtr.											
1983 average											

Table 14--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	82.31	68.93	--	86.86	83.77	68.93	80.30	61.66	--	--	61.66
1973	132.94	130.26	--	134.14	132.94	130.26	134.14	--	--	--	--
1974	187.62	210.93	--	161.31	187.62	210.93	161.31	--	--	--	--
1975	142.09	174.89	--	128.88	142.09	174.89	128.88	--	--	--	--
1976	163.76	184.62	--	154.54	163.76	184.62	154.54	--	--	--	--
1977	225.82	226.00	--	225.56	225.82	226.00	225.56	--	--	--	--
1978	232.08	227.43	--	245.35	232.08	227.43	245.35	--	--	--	--
1979	299.41	314.72	--	292.78	299.41	314.72	292.18	--	--	--	--
1980	327.92	336.71	--	322.03	327.92	336.71	322.03	--	--	--	--
1981	347.60	441.33	--	308.51	347.60	441.33	308.51	--	--	--	--
1982											
1st qtr.	192.82	125.96	--	207.82	192.82	125.96	207.82	--	--	--	--
2d qtr.	239.10	474.38	--	233.23	239.10	474.38	233.23	--	--	--	--
3d qtr.	366.17	471.58	--	318.80	366.17	471.58	318.80	--	--	--	--
4th qtr.	487.47	441.27	--	571.86	487.47	441.27	571.86	--	--	--	--
1982 average	224.51	215.75	--	225.86	224.51	215.75	225.86	--	--	--	--
1983--											
1st qtr.	346.55	--	--	346.55	346.55	--	346.55	--	--	--	--
2d qtr.	243.55	137.46	--	259.64	243.55	137.46	259.64	--	--	--	--
3d qtr.	412.10	--	--	412.10	412.10	--	412.10	--	--	--	--
4th qtr.											
1983 average											
TO SOUTH KOREA											
1972	107.12	106.10	--	107.22	106.66	106.10	106.72	124.00	--	--	124.00
1973	181.54	228.47	--	173.34	178.83	225.89	172.12	231.52	238.47	--	221.40
1974	205.03	201.12	--	206.43	202.12	201.62	202.26	217.47	200.23	--	234.41
1975	186.74	192.74	--	185.46	187.93	181.10	189.82	185.39	214.61	--	180.98
1976	211.78	214.11	--	211.19	208.53	206.47	208.93	240.77	244.77	--	238.54
1977	239.13	226.92	--	240.68	238.75	228.82	240.18	241.53	177.52	--	243.54
1978	249.59	257.28	--	249.02	250.01	261.09	249.11	246.40	239.70	--	247.34
1979	326.82	343.23	--	325.33	324.79	341.93	323.26	352.05	357.61	--	351.48
1980	374.50	348.93	--	376.18	378.74	343.39	380.92	349.17	372.50	--	347.09
1981	321.18	368.81	--	317.38	324.46	376.41	320.53	292.45	324.29	--	288.76
1982--											
1st qtr.	315.76	398.43	--	308.68	317.06	393.11	309.68	307.05	640.00	--	302.92
2d qtr.	314.45	323.56	--	313.27	325.30	437.30	316.64	283.04	225.29	--	301.33
3d qtr.	303.22	333.84	--	299.27	303.58	333.84	299.57	290.00	--	--	290.00
4th qtr.	275.17	296.39	--	272.17	277.60	290.99	275.51	261.39	364.07	--	254.68
1982 average	299.98	329.71	--	296.33	302.81	341.26	298.14	281.94	260.32	--	284.74
1983--											
1st qtr.	269.84	330.54	--	267.15	270.36	337.14	267.26	265.85	250.01	--	266.31
2d qtr.	284.75	278.24	--	285.85	284.80	276.99	286.22	284.04	357.48	--	281.60
3d qtr.	317.84	274.32	--	319.08	313.41	241.77	314.13	354.58	290.00	--	362.13
4th qtr.											
1983 average											
TO MAINLAND CHINA											
1980	471.98	490.48	--	399.69	492.85	523.52	406.96	451.70	462.77	--	386.95
1981	401.39	427.68	--	344.94	396.06	426.47	339.51	420.18	431.15	--	377.57
1982--											
1st qtr.	395.35	438.14	--	306.46	398.39	444.16	310.44	386.03	421.46	--	291.14
2d qtr.	415.79	429.65	--	368.81	416.39	428.99	386.51	414.97	430.38	--	316.03
3d qtr.	367.30	388.40	--	325.91	364.53	393.95	315.94	373.29	378.44	--	358.02
4th qtr.	359.23	364.90	--	337.89	356.35	363.07	337.89	369.82	369.82	--	--
1982 average	388.44	406.87	--	338.18	385.27	406.20	340.64	394.97	407.99	--	328.31
1983--											
1st qtr.	299.10	303.46	--	278.91	296.98	301.41	278.91	318.50	318.50	--	--
2d qtr.	304.65	313.54	--	279.48	303.18	315.87	279.48	309.02	309.02	--	--
3d qtr.	320.99	337.73	--	289.32	309.37	323.92	288.64	358.09	367.71	--	296.02
4th qtr.											
1983 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. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 15--Softwood log exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEGAR	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	77,459	18,337	3,418	55,704
1973	104,733	34,454	4,065	66,214
1974	77,735	35,146	8,823	33,766
1975	86,943	52,547	2,483	31,913
1976	109,812	73,924	2,508	33,380
1977	70,902	38,302	2,331	30,269
1978	72,650	49,024	2,880	20,746
1979	65,492	37,551	1,611	26,330
1980	31,672	7,287	653	23,732
1981	25,586	5,890	1,381	18,315
1982--				
1st quarter	4,992	2,066	--	2,926
2d quarter	1,224	43	--	1,181
3d quarter	3,875	2,058	--	1,817
4th quarter	9,416	8,442	6	968
1982 total	19,507	12,609	6	6,892
1983--				
1st quarter	9,263	2,675	300	6,288
2d quarter	4,414	951	--	3,463
3d quarter	8,401	2	--	8,399
4th quarter				
1983 total				
TO JAPAN				
1972	68,830	15,914	3,418	49,498
1973	94,520	29,261	4,065	61,194
1974	69,271	32,485	8,823	27,963
1975	78,813	48,188	2,483	28,142
1976	96,485	69,395	2,853	24,237
1977	57,815	37,765	2,331	17,719
1978	58,760	48,653	1,757	8,350
1979	57,938	37,411	1,611	18,916
1980	27,180	7,055	653	19,472
1981	20,708	1,024	1,381	18,303
1982--				
1st quarter	3,526	600	--	2,926
2d quarter	66	--	--	66
3d quarter	3,854	2,055	--	1,799
4th quarter	1,576	615	6	955
1982 total	9,022	3,270	6	5,746
1983--				
1st quarter	9,261	2,675	300	6,286
2d quarter	4,414	951	--	3,463
3d quarter	3,899	--	--	3,899
4th quarter				
1983 total				
TO MAINLAND CHINA				
1982--				
1st quarter	1,466	1,466	--	--
2d quarter	--	--	--	--
3d quarter	--	--	--	--
4th quarter	7,826	7,816	--	10
1982 total	9,292	9,282	--	10
1983--				
1st quarter	2	--	--	2
2d quarter	--	--	--	--
3d quarter	49500	--	--	4,900
4th quarter				
1983 total				

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

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 16--Softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In million board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABERDEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NORTHEASTERN WASHINGTON	OTHER	TOTAL
1972	525.1	100.9	268.9	221.3	144.6	285.6	517.4	0.2	45.8	2,109.8
1973	491.5	84.5	250.4	328.7	86.9	306.0	511.1	0	54.6	2,113.7
1974	396.2	49.2	217.7	300.2	61.5	273.5	383.0	--	48.4	1,729.7
1975	366.8	32.2	230.0	261.3	48.6	284.7	469.2	--	32.9	1,725.7
1976	502.1	30.5	277.2	397.4	7.5	324.5	623.7	0	28.5	2,191.4
1977	402.1	42.1	237.7	328.2	68.7	304.6	607.6	--	12.0	2,003.0
1978	512.2	41.1	321.8	325.8	87.1	387.2	559.7	--	7.0	2,241.0
1979	648.7	50.9	332.8	366.1	101.0	505.0	601.7	--	9.9	2,616.1
1980	498.2	38.0	287.3	387.0	80.2	295.1	497.1	.1	3.1	2,086.1
1981	414.3	16.7	208.4	215.9	47.3	168.0	446.2	.1	14.9	1531.8
1982--										
1st quarter	124.8	2.3	82.0	92.3	18.2	31.2	137.3	--	9.9	498.0
2d quarter	146.6	5.0	56.6	106.8	19.8	34.6	86.1	--	.4	455.9
3d quarter	151.7	3.7	94.4	95.1	14.4	51.2	128.3	--	3.2	542.0
4th quarter	129.2	0	77.3	80.3	10.2	35.6	142.4	0	.4	475.4
1982 total	552.3	11.0	310.3	374.5	62.6	152.6	494.1	--	13.9	1,971.3
1983--										
1st quarter	154.0	.2	61.0	67.8	12.3	47.0	126.4	--R	.2	468.9
2d quarter	151.5	--	65.4	85.4	12.4	46.9	135.6	0 R	.2	497.4
3d quarter	200.8	.9	94.7	83.3	10.3	55.3	152.8	--	.1	598.2
4th quarter										
1983 total										
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	TOTAL	EUREKA	SACRAMENTO	STOCKTON	OTHER	TOTAL
1972	262.6	121.0	115.5	9.4	508.5	51.9	2.8	19.4	0.9	75.0
1973	147.1	155.5	159.8	21.3	483.7	79.6	16.2	8.7	.2	140.7
1974	159.0	128.1	139.8	24.8	451.7	67.5	9.8	3.8	.2	81.3
1975	245.7	134.1	137.5	44.5	561.8	66.6	19.9	0	1.4	87.9
1976	273.3	144.6	99.5	28.0	545.4	83.7	26.1	0	--	109.8
1977	210.2	120.1	207.0	15.4	552.7	39.2	25.5	0	6.3	71.0
1978	168.4	145.1	277.0	15.0	605.5	46.1	18.4	--	8.2	72.7
1979	150.1	128.2	322.0	17.2	617.5	43.0	6.0	0	16.5	65.6
1980	134.7	135.2	275.8	0	545.7	14.9	3.9	.5	12.3	31.6
1981	73.3	113.8	268.2	0	455.3	6.6	13.3	0	5.6	25.5
1982--										
1st quarter	24.3	34.6	80.5	0	139.4	2.9	.7	0	0	3.6
2d quarter	15.0	62.3	74.9	2.3	154.5	1.1	0	0	0	1.1
3d quarter	23.8	50.6	88.3	0	162.7	2.6	0	0	1.2	3.9
4th quarter	30.2	43.6	65.8	0	139.6	9.4	0	0	--	9.4
1982 total	93.3	191.1	309.5	2.3	596.2	16.0	.7	0	1.2	17.9
1983--										
1st quarter	17.1	38.6	52.9	0	108.6	3.0	6.3	0	0	9.3
2d quarter	15.4	31.5	65.6	0	112.5	4.4	0	0	--	4.4
3d quarter	17.2	37.8	108.0	1.1	164.1	5.8	2.6	0	--	8.4
4th quarter										
1983 total										

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

¹State totals as presented here for Washington and Oregon do not agree with those found in table 12 because customs districts as used in table 12 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

R = revised.

Table 17--Average value of softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABEROEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NORTHEASTERN WASHINGTON	OTHER	AVERAGE
1972	134.28	128.21	129.47	144.82	146.76	129.52	131.82	146.73	123.50	133.86
1973	264.23	211.35	258.69	288.82	284.15	215.32	262.90	0	229.45	257.80
1974	266.16	261.07	257.85	292.13	282.38	246.79	274.24	--	262.10	268.58
1975	256.17	297.84	273.29	280.90	273.90	253.46	266.63	--	279.01	266.30
1976	269.90	293.96	287.08	302.53	302.53	261.25	277.21	0	252.97	277.26
1977	311.97	296.28	309.82	336.01	331.68	294.59	327.76	--	263.80	317.86
1978	332.92	295.77	334.87	379.57	347.93	319.97	340.91	--	344.67	339.68
1979	452.52	376.18	455.44	518.19	499.12	424.46	428.19	--	492.38	451.64
1980	490.53	414.44	473.47	506.59	510.63	472.08	523.11	280.95	538.84	495.76
1981	394.52	461.88	412.74	462.85	447.21	396.82	473.08	307.74	3.06	428.32
1982--										
1st quarter	380.65	426.87	400.05	468.48	344.77	330.56	494.55	--	361.85	426.93
2d quarter	384.93	345.24	393.68	431.73	392.29	393.59	444.10	--	516.93	408.80
3d quarter	345.40	382.35	365.02	381.49	335.77	345.14	410.92	--	365.36	370.75
4th quarter	305.42	--	314.24	394.39	349.98	385.10	373.17	0	542.07	349.31
1982 average	354.51	374.42	366.86	420.02	358.61	362.47	429.08	--	372.14	388.57
1983--										
1st quarter	303.16	333.33	330.21	356.07	409.69	352.28	329.46	371.54R	371.31	329.36
2d quarter	312.44	--	334.46	356.59	457.21	325.38	354.57	0 R	876.79	339.46
3d quarter	316.65	497.76	352.59	355.10	405.86	324.84	340.57	590.21	416.59	336.40
4th quarter										
1983 average										
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	AVERAGE	EUREKA	SACRAMENTO	STOCKTON	OTHER	AVERAGE
1972	127.03	194.93	144.27	140.31	147.35	129.24	189.29	179.64	129.17	144.52
1973	321.16	348.95	289.64	257.16	316.88	219.99	226.77	296.78	363.54	227.72
1974	300.21	363.95	302.18	291.33	318.41	295.56	317.05	328.16	252.62	299.55
1975	236.89	349.97	316.25	271.48	286.03	256.07	368.11	0	452.10	284.62
1976	267.63	372.46	337.44	253.76	307.45	292.15	367.73	0	--	312.31
1977	338.29	409.01	328.22	318.00	349.32	333.34	337.06	0	338.45	335.14
1978	325.32	512.44	366.77	330.78	389.23	353.99	362.18	--	372.07	358.09
1979	461.34	592.98	455.51	381.59	483.38	336.29	393.19	0	447.84	369.65
1980	452.99	604.08	488.22	0	508.23	462.98	485.28	379.65	535.17	492.37
1981	340.14	635.05	448.55	0	477.76	537.93	492.22	0	422.02	488.61
1982--										
1st quarter	374.36	662.94	428.37	--	477.27	254.98	279.64	0	--	269.51
2d quarter	356.55	495.97	395.56	420.00	432.61	382.60	--	0	--	384.06
3d quarter	320.14	444.68	424.05	--	415.29	309.34	--	0	429.34	346.75
4th quarter	273.91	445.04	361.47	--	368.63	361.07	--	0	--	363.40
1982 average	325.14	501.04	404.96	420.00	423.35	334.72	279.64	0	469.52	342.13
1983--										
1st quarter	296.53	434.13	357.26	0	375.04	424.42	378.55	0	0	396.64
2d quarter	280.88	392.41	358.59	0	357.45	251.83	0	0	--	254.78
3d quarter	321.86	427.56	375.45	320.00	384.45	305.82	424.66	0	553.00	342.70
4th quarter										
1983 average										

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

¹State averages as presented here for Washington and Oregon do not agree with those found in table 14 because customs districts as used in table 14 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

R = revised.

Table 18--Volume and average value of softwood log exports from Alaska ports by destination, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
TO ALL COUNTRIES		
1972	65,837	125.88
1973	71,719	248.23
1974	34,949	240.82
1975	29,011	307.97
1976	26,197	224.59
1977	52,377	263.54
1978	68,025	320.45
1979	128,597	470.97
1980	160,523	532.56
1981	149,187	480.54
1982--		
1st quarter	13,052	510.48
2d quarter	51,503	491.59
3d quarter	83,964	488.14
4th quarter	92,604	457.95
1982 total and average value	241,123	478.49
1983--		
1st quarter	33,522	404.75
2d quarter	63,788	440.78
3d quarter	102,655	430.70
4th quarter		
1983 total and average value		
TO JAPAN		
1972	61,882	129.99
1973	71,705	248.24
1974	29,088	252.71
1975	24,311	352.29
1976	20,741	253.18
1977	46,897	278.99
1978	57,653	343.49
1979	120,753	475.21
1980	156,275	533.22
1981	141,209	491.44
1982--		
1st quarter	12,145	527.07
2d quarter	47,688	498.07
3d quarter	74,304	494.01
4th quarter	85,563	468.33
1982 total and average value	219,700	486.71
1983--		
1st quarter	28,469	421.84
2d quarter	56,182	462.00
3d quarter	79,058	463.03
4th quarter		
1983 total and average value		
TO MAINLAND CHINA		
1981	3,205	377.57
1982--		
1st quarter	0	--
2d quarter	0	--
3d quarter	0	--
4th quarter	0	--
1982 total and average value	0	--
1983--		
1st quarter	0	--
2d quarter	0	--
3d quarter	7,275	293.94
4th quarter		
1983 total and average value		

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 19--Volume and value of hardwood log exports from ports of Washington, Oregon, Alaska, and northern California, 1972-83

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

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
TO ALL COUNTRIES								
1972	2,999	882,806	68	133,979	0	--	1,320	2,015,855
1973	1,812	1,351,759	36	57,747	0	--	1,084	2,330,761
1974	633	1,121,192	45	95,342	0	--	560	1,515,476
1975	1,599	637,455	73	103,519	0	--	3,911	780,853
1976	3,750	1,646,972	236	136,188	0	--	659	1,239,777
1977	2,735	2,117,386	189	87,839	0	--	1,396	2,751,996
1978	2,362	2,190,449	75	91,486	11	19,250	1,772	4,088,466
1979	2,597	2,216,256	341	420,741	138	253,716	1,272	3,049,981
1980	6,826	5,153,711	2,026	764,511	186	44,960	900	2,260,961
1981	3,416	3,173,191	439	470,373	0	--	683	1,422,547
1982--								
1st quarter	757	570,264	75	84,642	0	--	133	287,243
2d quarter	1,276	975,968	12	34,519	0	--	371	849,259
3d quarter	1,098	596,836	236	56,494	0	--	88	193,891
4th quarter	657	751,733	12	41,808	0	--	31	33,834
1982 total	3,788	2,894,801	335	217,463	0	--	623	1,364,227
1983--								
1st quarter	1,926	1,000,110	34	60,676	0	--	32	73,503
2d quarter	719	486,610	7	9,100	0	--	20	16,787
3d quarter	477	422,808	222	73,327	0	--	166	126,392
4th quarter								
1983 total								
TO JAPAN								
1972	1,374	727,475	64	130,080	0	--	1,126	1,761,797
1973	993	1,164,704	34	56,842	0	--	1,015	2,250,213
1974	540	1,063,245	37	84,293	0	--	485	1,093,502
1975	1,210	562,583	14	9,039	0	--	3,803	636,796
1976	3,313	1,416,317	235	134,988	0	--	456	1,005,649
1977	1,444	1,179,616	17	33,347	0	--	1,063	2,300,667
1978	1,178	819,332	57	84,025	0	--	1,248	3,059,204
1979	1,824	1,153,644	300	359,119	74	188,389	1,059	2,339,089
1980	4,786	1,969,245	1,964	726,891	182	42,200	579	1,532,496
1981	2,037	2,162,473	229	264,161	0	--	310	742,998
1982--								
1st quarter	225	170,982	7	11,107	0	--	89	193,489
2d quarter	350	515,986	12	34,519	0	--	275	615,675
3d quarter	482	124,445	13	12,070	0	--	48	94,040
4th quarter	408	400,666	3	6,808	0	--	5	8,788
1982 total	1,465	1,212,079	35	64,504	0	--	417	911,992
1983--								
1st quarter	529	495,749	22	22,516	0	--	32	73,503
2d quarter	174	176,659	7	9,100	0	--	20	16,787
3d quarter	296	153,970	100	25,000	0	--	9	8,960
4th quarter								
1983 total								
TO MAINLAND CHINA								
1980	6	2,800	--	--	--	--	--	--
1981	0	--	0	--	0	--	0	--
1982--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1982 total	45	45,000	0	--	0	--	0	--
1983--								
1st quarter	OR	--R	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	100	22,500	0	--	0	--
4th quarter								
1983 total								

Source--U.S. Department of Commerce. The valuation definition used in the export statistics is the value at the seaport or border port of exportation. It is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port of exportation. Data are compiled from Department of Commerce records at the end of each quarter. Washington Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Alaska Customs District is the State of Alaska. San Francisco Customs District includes Monterey and all ports north of Monterey, California.

R = revised.

Table 20--Log exports from southern California ports, by species, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	HARDWOODS
1972	631	203	92	336
1973	445	214	5	226
1974	378	32	130	216
1975	288	11	224	53
1976	2,396	1,411	670	315
1977	1,360	169	411	780
1978	1,721	172	917	632
1979	2,117	290	359	1,468
1980	1,149	295	610	244
1981	738	88	186	464
1982--				
1st quarter	209	3	27	179
2d quarter	103	4	28	71
3d quarter	56	0	42	14
4th quarter	429	274	114	41
1982 total	797	281	211	305
1983--				
1st quarter	20	0	0	20
2d quarter	93	0	22	71
3d quarter	330	0	0	330
4th quarter				
1983 total				

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which 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 21--Volume and average value of softwood log exports to Canada from the Montana Customs District, 1972-83¹

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

YEAR AND QUARTER	ALL SPECIES		DOUGLAS-FIR		OTHER SOFTWOODS	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	392	113.71	19	162.89	373	111.20
1973	379	177.58	93	261.16	236	150.40
1974	925	178.24	19	149.05	906	178.86
1975	739	226.93	72	274.78	667	221.76
1976	571	228.43	103	254.08	468	222.78
1977	1,227	247.66	467	251.10	760	245.54
1978	901	226.05	136	367.43	765	200.91
1979	3,906	168.47	0	--	3,906	168.47
1980	699	239.88	36	303.53	663	236.42
1981	477	362.63	123	475.06	354	323.64
1982--						
1st quarter	142	273.20	16	203.81	126	282.01
2d quarter	64	349.36	0	--	64	349.36
3d quarter	58	340.50	0	--	58	340.50
4th quarter	154	250.44	0	--	154	250.44
1982 total and average value	418	285.81	16	203.81	402	289.07
1983--						
1st quarter	63	310.65	0	--	63	310.65R
2d quarter	317	254.09	0	--	317	254.09
3d quarter	111	284.59	11	460.64	100	265.23
4th quarter						
1983 total and average value						

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.

¹Montana Customs District includes all ports in Montana and Idaho.

R = revised.

Table 22--Log exports from British Columbia ports, by species and destination, 1972-83^{1/}

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS- FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	55,866	836	13,956	18,477	14,958	3,965	3,674
1973	35,716	1,852	9,750	7,441	13,647	1,211	1,815
1974	148,801	11,790	31,528	67,843	27,355	4,973	5,312
1975	85,082	2,406	18,914	19,373	41,416	1,505	2,188
1976	116,193	5,390	39,069	21,901	41,959	3,346	4,528
1977	186,511	10,085	118,085	36,048	19,835	754	1,704
1978	128,853	8,592	24,467	45,143	49,767	530	354
1979	169,107	2,431	56,504	56,954	43,201	4,135	5,882
1980	231,784	8,907	106,193	49,590	36,756	12,155	18,183
1981	184,481	856	98,579	24,616	37,774	18,943	3,713
1982--							
1st quarter	51,064	169	24,488	11,263	9,972	5,168	4
2d quarter	48,932	5,360	13,416	8,730	9,928	9,742	1,756
3d quarter	72,310	17,262	17,169	9,655	9,830	12,973	5,421
4th quarter	80,586	25,401	20,658	8,357	10,716	9,204	6,250
1982 total	252,892	48,192	75,731	38,005	40,446	37,087	13,431
1983--							
1st quarter	135,976	44,710	41,072	4,176	17,097	17,360	11,021
2d quarter	107,628	30,266	27,731	3,065	12,059	7,811	26,696
3d quarter	113,857	16,712	53,585	3,550	15,890	14,808	9,312
4th quarter							
1983 total							
TO JAPAN							
1972	46,059	567	13,478	13,412	14,938	3,664	0
1973	29,239	1,293	8,058	6,205	13,284	399	0
1974	80,655	2,167	22,968	31,915	16,503	2,304	4,798
1975	61,728	1,460	10,477	7,696	39,470	1,253	1,372
1976	67,192	792	17,026	7,343	39,905	470	1,656
1977	109,301	5,106	65,092	23,413	15,489	201	0
1978	90,001	4,094	16,890	24,038	44,814	99	66
1979	120,297	1,894	49,281	27,597	35,883	3,636	2,056
1980	154,824	1,692	61,500	35,346	36,157	6,939	13,190
1981	131,321	698	71,645	17,427	31,541	10,010	0
1982--							
1st quarter	41,921	163	18,649	11,263	9,530	2,316	0
2d quarter	14,779	84	4,177	3,286	4,211	3,021	0
3d quarter	41,823	6,187	12,879	5,257	8,461	8,413	626
4th quarter	31,934	1,771	15,898	3,653	7,604	3,008	0
1982 total	130,457	8,205	51,603	23,459	29,806	16,758	626
1983--							
1st quarter	72,481	15,996	35,674	4,346	11,558	4,907	0
2d quarter	40,003	10,139	10,968	3,062	9,547	6,258	29
3d quarter	57,843	10,011	29,757	3,275	10,718	4,082	0
4th quarter							
1983 total							

Table 22--Log exports from British Columbia ports, by species and destination, 1972-83^{1/} (continued)

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES							
1972	9,807	269	478	5,065	20	301	3,674
1973	6,471	559	1,692	1,236	363	812	1,809
1974	68,146	9,623	8,560	35,928	10,852	2,669	514
1975	23,354	946	7,717	11,677	1,946	252	816
1976	48,911	4,598	22,043	14,558	1,964	2,876	2,872
1977	74,442	4,979	50,817	12,043	4,346	553	1,704
1978	32,843	4,498	6,039	19,144	2,443	431	288
1979	48,810	537	7,223	29,357	7,368	499	3,826
1980	76,955	7,215	44,693	14,244	594	5,216	4,993
1981	50,324	158	26,934	7,189	4,340	8,879	2,824
1982--							
1st quarter	9,143	6	5,839	0	442	2,852	4
2d quarter	18,413	40	6,732	3,619	775	6,436	811
3d quarter	15,114	45	5,910	2,960	1,369	4,560	270
4th quarter	21,230	1,433	4,760	4,126	3,109	6,196	1,606
1982 total	63,900	1,524	23,241	10,705	5,695	20,044	2,691
1983--							
1st quarter	20,371	2,790	5,398	370	2,443	7,562	1,808
2d quarter	23,402	1,441	16,763	0	2,512	1,553	1,133
3d quarter	42,673	2,672	23,828	275	5,172	10,726	0
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	0	0	0	0	0	0	0
2d quarter	9,023	5,226	0	0	3,787	0	0
3d quarter	11,030	11,030	0	0	0	0	4,472
4th quarter	26,636	22,197	0	0	0	0	4,439
1982 total	46,689	38,463	0	0	3,787	0	8,911
1983--							
1st quarter	43,124	25,924	0	0	3,096	4,891	9,213
2d quarter	44,220	18,686	0	0	0	0	25,534
3d quarter	4,029	4,029	0	0	0	0	0
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

^{1/}Figures do not include shipments of pulpwood logs.

Table 23--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
1972	8,451	80.44
1973	2,102	124.71
1974	31,625	248.69
1975	55,494	207.13
1976	44,438	122.62
1977	91,962	194.93
1978	41,307	271.29
1979	75,855	298.89
1980	51,828	233.08
1981	33,985	319.77
1982--		
1st quarter	9,145	314.18
2d quarter	12,099	340.07
3d quarter	13,146	304.62
4th quarter	25,102	304.55
1982 total and average value	59,492	313.27
1983--		
1st quarter	27,366	255.60
2d quarter	9,803	161.82
3d quarter	21,593	214.60
4th quarter		
1983 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 24--Volume and average value of pulpwood imports from Canada into the Washington Customs District, 1972-83

YEAR AND QUARTER	CHIPPED PULPWOOD		ROUNDWOOD PULPWOOD	
	VOLUME	VALUE	VOLUME	VALUE
	<u>Short tons</u>	<u>Dollars</u>	<u>Cords</u>	<u>Dollars</u>
1972	909,926	9.87	2,300	47.56
1973	1,085,124	11.19	16	97.06
1974	623,830	15.55	31,998	60.08
1975	493,761	23.36	11,517	42.90
1976	877,550	20.98	1,967	32.14
1977	1,056,102	18.59	16,674	91.19
1978	1,215,483	16.37	0	--
1979	1,039,458	17.19	0	--
1980	1,185,701	26.77	57,337	66.64
1981	1,160,507	32.33	23,084	130.11
1982--				
1st quarter	350,630	33.44	0	--
2d quarter	357,400	35.98	7,659	118.52
3d quarter	275,629	29.92	661	379.31
4th quarter	264,154	27.57	0	
1982 total and average value	1,247,813	32.15	8,320	139.24
1983--				
1st quarter	337,359	26.69	0	--
2d quarter	371,580	23.22	0	--
3d quarter	394,400	23.96	0	--
4th quarter				
1983 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 25--Volume and average value of chips exported from the Washington, Oregon, San Francisco, and Alaska Customs Districts, 1972-83

(In short tons, oven-dried basis; average value in dollars per short ton)

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	168,725	19.56	2,081,032	22.12	253,401	27.76	20,158	25.76
1973	272,196	21.84	2,778,829	24.85	369,403	24.41	0	--
1974	390,370	28.62	3,177,465	26.50	242,017	30.69	34,828	28.99
1975	326,083	38.56	2,436,807	34.74	257,735	28.96	32,399	48.51
1976	457,801	33.39	2,881,577	39.90	366,678	34.76	107,652	37.89
1977	281,540	49.17	2,892,333	43.33	519,444	42.91	107,429	51.67
1978	299,140	46.16	2,650,423	42.98	412,107	40.82	31,827	37.20
1979	346,209	50.05	3,125,103	42.55	603,989	44.69	83,706	48.62
1980	268,103	79.53	2,849,927	88.44	728,459	85.81	151,328	75.57
1981	296,461	80.74	2,076,612	85.51	321,533	89.89	77,649	73.61
1982--								
1st quarter	83,962	88.46	502,602	83.30	57,573	85.69	0	--
2d quarter	64,361	75.43	475,798	83.38	71,127	76.73	27,430	56.53
3d quarter	74,513	83.00	500,303	84.57	25,212	88.67	32,404	77.99
4th quarter	105,538	71.67	435,736	81.80	42,380	88.18	14,330	72.44
1982 total and average value	328,374	79.27	1,914,439	83.31	196,292	83.36	74,164	68.98
1983--								
1st quarter	69,722	75.40	400,690	70.19	57,310	67.87	6,645	34.67
2d quarter	64,243	74.74	441,218	70.65	116,439	67.39	0	--
3d quarter	77,917	74.34	438,092	66.44	83,760	64.63	0	--
4th quarter								
1983 total and average value								

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. Washington Customs District includes all ports in the State of Washington, except Longview and Vancouver. Oregon 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 Alaska Customs District is the State of Alaska.

Table 26--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	406,493	321,761	30,772	53,960	164,472	99,927	21,994	42,551	242,021	221,834	8,778	11,409
1973	799,631	532,321	169,927	97,383	324,740	143,666	104,851	76,223	474,891	388,655	65,076	21,160
1974	719,729	496,978	124,047	98,704	331,818	174,056	79,399	78,363	387,911	322,922	44,648	20,341
1975	616,883	415,152	125,529	76,202	263,754	151,681	52,064	60,009	353,129	263,471	73,465	16,193
1976	698,941	478,100	145,645	75,196	311,599	155,041	94,581	61,977	387,342	323,059	51,064	13,219
1977	549,059	372,609	125,479	50,971	256,703	123,783	92,364	40,556	292,356	248,826	33,115	10,415
1978	585,588	374,032	135,156	76,400	310,100	128,895	118,094	63,111	275,488	245,137	17,062	13,289
1979	839,895	427,063	280,067	132,765	413,673	98,685	211,030	103,858	426,322	328,378	69,031	28,907
1980	984,882	449,123	338,487	197,272	521,728	106,671	270,706	144,351	463,154	342,452	67,781	52,921
1981	933,739	451,075	268,024	214,640	467,886	139,070	173,000	155,816	465,853	312,005	95,024	58,824
1982--												
1st quarter	230,902	106,344	80,882	43,676	124,372	33,409	62,730	28,233	106,530	72,935	18,152	15,443
2d quarter	236,114	120,027	75,976	40,111	130,958	36,225	62,809	31,924	105,156	83,802	13,167	8,187
3d quarter	177,462	92,221	52,332	32,909	73,300	16,992	33,343	22,965	104,162	75,229	18,989	9,944
4th quarter	243,923	100,671	97,711	45,541	144,326	30,423	78,292	35,611	99,597	70,248	19,419	9,930
1982 total	888,401	419,263	306,901	162,237	472,956	117,049	237,174	118,733	415,445	302,214	69,727	43,504
1983--												
1st quarter	249,498	124,545	72,467	52,486	136,719	32,870	56,501	47,348	112,779	91,675	15,966	5,138
2d quarter	299,636	156,898	80,312	62,426	161,445	49,765	64,356	47,324	138,191	107,133	15,956	15,102
3d quarter	225,602	108,196	65,651	51,755	123,617	32,142	49,362	42,113	101,985	76,054	16,289	9,642
4th quarter												
1983 total												
TO JAPAN												
1972	23,699	3,437	10,589	9,673	14,951	571	7,291	7,089	8,748	2,866	3,298	2,584
1973	153,537	40,402	99,707	13,428	89,514	19,247	64,966	5,301	64,023	21,155	34,741	8,127
1974	205,888	102,858	77,973	25,057	103,531	44,424	47,616	11,491	102,357	58,434	30,357	13,566
1975	208,160	96,307	96,610	15,243	89,489	40,991	45,359	3,139	118,671	55,316	51,251	12,104
1976	186,628	68,927	107,884	9,817	127,553	39,430	80,891	7,232	59,075	29,497	26,993	2,585
1977	145,386	40,945	93,719	10,722	108,468	20,845	80,161	7,462	36,918	20,100	13,558	3,260
1978	163,233	36,429	108,610	18,194	141,963	25,609	103,056	13,289	21,270	10,820	5,554	4,896
1979	355,840	75,567	227,702	52,571	258,444	45,549	177,239	35,656	97,396	30,018	50,463	16,915
1980	362,458	53,084	249,729	59,645	269,406	26,428	199,237	43,741	93,052	26,656	50,492	15,904
1981	312,232	55,479	206,837	49,916	189,547	25,966	128,307	35,274	122,685	29,513	78,530	14,642
1982--												
1st quarter	114,615	27,423	71,237	15,955	75,262	12,553	54,332	8,377	39,353	14,870	16,905	7,578
2d quarter	100,834	20,511	65,527	14,796	75,174	10,813	53,188	11,173	25,660	9,698	12,339	3,623
3d quarter	65,620	16,197	41,041	8,382	36,378	4,811	26,251	5,316	29,242	11,386	14,790	3,066
4th quarter	133,152	30,030	83,039	20,083	96,686	13,642	68,004	15,040	36,466	16,388	15,035	5,043
1982 total	414,221	94,161	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983--												
1st quarter	111,529	28,259	62,186	21,084	77,376	10,277	47,871	19,228	34,153	17,982	14,315	1,856
2d quarter	116,414	29,497	67,962	18,955	86,712	16,280	54,250	16,182	29,702	13,217	13,712	2,773
3d quarter	97,726	21,793	56,121	19,812	67,882	11,321	41,471	15,090	29,844	10,472	14,650	4,722
4th quarter												
1983 total												

Table 26--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/} (continued)

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	70,297	42,581	8,687	19,029	70,297	42,581	8,687	19,029	0	0	0	0
1973	88,695	49,381	9,340	29,974	88,695	49,381	9,340	29,974	0	0	0	0
1974	126,547	67,856	5,952	52,739	124,097	65,406	5,952	52,739	2,763	2,763	0	32
1975	113,213	61,099	4,299	47,815	112,783	61,099	3,869	47,815	OR	0	OR	0
1976	101,633	50,327	6,737	44,569	101,633	50,327	6,737	44,569	0	0	0	0
1977	76,251	45,842	3,695	26,714	76,251	45,842	3,695	26,714	0	0	0	0
1978	117,969	69,852	9,241	38,876	117,930	69,813	9,241	38,876	39	39	0	0
1979	113,977	38,917	18,870	56,190	113,977	38,917	18,870	56,190	0	0	0	0
1980	159,658	54,876	26,325	78,457	159,658	54,876	26,325	78,457	0	0	0	0
1981	213,594	91,861	20,598	101,135	213,594	91,861	20,598	101,135	0	0	0	0
1982												
1st quarter	35,512	14,891	5,260	15,361	35,512	14,891	5,260	15,361	0	0	0	0
2d quarter	30,063	14,498	2,112	13,453	30,063	14,498	2,112	13,453	0	0	0	0
3d quarter	24,377	8,853	1,872	13,652	24,377	8,853	1,872	13,652	0	0	0	0
4th quarter	30,237	12,531	1,883	15,823	30,237	12,531	1,883	15,823	0	0	0	0
1982 total	120,189	50,773	11,127	58,289	120,189	50,773	11,127	58,289	0	0	0	0
1983--												
1st quarter	42,952	17,999	2,467	22,486	42,952	17,999	2,467	22,486	0	0	0	0
2d quarter	55,975	26,494	2,681	26,800	55,975	26,494	2,681	26,800	0	0	0	0
3d quarter	39,020	14,792	2,498	21,730	39,020	14,792	2,498	21,730	0	0	0	0
4th quarter												
1983 total												
TO MAINLAND CHINA												
1981	9,041	8,829	20	192	335	123	20	192	8,706	8,706	0	0
1982--												
1st quarter	5	5	0	0	0	0	0	0	5	5	0	0
2d quarter	0	0	0	0	0	0	0	0	0	0	0	0
3d quarter	2,194	2,194	0	0	0	0	0	0	2,194	2,194	0	0
4th quarter	49	49	0	0	0	0	0	0	49	49	0	0
1982 total	2,248	2,248	0	0	0	0	0	0	2,248	2,248	0	0
1983--												
1st quarter	0	0	0	0	0	0	0	0	0	0	0	0
2d quarter	1,627	1,627	0	0	0	0	0	0	1,627	1,627	0	0
3d quarter	1,619	1,619	0	0	0	0	0	0	1,619	1,619	0	0
4th quarter												
1983 total												

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

¹Includes lumber classified as railroad crossties and not specified by species.

R = revised.

Table 27--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	OUGHLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	OUGHLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	OUGHLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO ALL COUNTRIES												
1972	208.54	223.60	102.74	179.03	177.86	195.96	98.99	176.10	229.39	236.06	112.13	189.95
1973	269.96	310.24	174.98	215.55	211.88	262.75	166.56	178.33	309.68	327.79	188.54	349.63
1974	283.80	310.19	211.88	241.28	242.67	267.93	205.45	224.26	318.98	332.98	223.32	306.82
1975	263.14	283.95	206.11	243.68	220.36	228.52	191.93	224.40	295.09	315.86	216.16	315.10
1976	318.61	350.52	220.15	306.38	260.23	280.33	217.02	275.88	365.57	384.21	225.95	449.34
1977	340.02	371.97	240.66	350.99	278.19	291.17	242.18	320.55	394.31	412.17	236.43	469.55
1978	362.29	403.55	266.51	329.76	290.19	309.81	266.70	294.06	443.46	452.34	265.25	499.35
1979	518.36	639.18	377.08	427.85	401.51	471.86	371.57	395.90	631.60	699.47	393.73	542.65
1980	436.14	560.96	319.83	351.55	324.62	361.19	310.48	324.13	561.77	623.19	357.18	426.36
1981	387.06	436.65	342.81	338.11	332.62	360.84	322.81	318.31	441.75	470.44	379.24	390.55
1982--												
1st quarter	378.22	419.28	319.39	387.17	313.31	321.03	308.56	314.73	453.99	464.29	356.79	519.61
2d quarter	396.44	466.38	294.26	380.70	308.16	321.36	294.93	319.21	506.38	529.06	291.06	620.47
3d quarter	366.63	423.37	287.56	333.33	312.22	338.91	303.14	305.66	404.91	442.45	260.20	397.24
4th quarter	327.75	382.27	268.88	333.52	375.66	248.48	270.22	310.86	402.22	440.21	263.52	414.79
1982 average	366.89	424.78	291.66	359.59	303.23	304.87	291.53	313.02	442.78	471.22	292.09	486.70
1983--												
1st quarter	349.88	386.89	312.11	314.22	305.05	397.05	313.84	300.12	404.23	419.10	305.98	444.15
2d quarter	328.44	345.86	303.90	316.22	289.95	283.36	309.54	270.24	373.41	374.90	281.06	460.30
3d quarter	353.98	401.49	312.83	306.87	307.22	312.80	325.80	281.19	410.66	438.98	273.51	419.03
4th quarter												
1983 average												
TO JAPAN												
1972	146.85	183.16	108.34	176.11	146.56	178.24	103.02	188.79	147.35	184.14	120.11	141.32
1973	204.26	198.89	191.64	314.19	194.09	186.88	190.83	260.23	218.49	209.81	193.15	349.39
1974	221.96	228.74	210.08	231.13	217.74	226.46	206.72	229.73	226.23	230.47	215.35	232.32
1975	188.89	155.39	202.62	313.48	188.14	167.70	182.71	533.56	189.45	146.27	220.23	256.41
1976	220.76	204.96	218.97	315.40	223.82	232.17	209.63	337.05	214.14	168.59	246.94	391.56
1977	243.68	249.38	240.35	250.06	246.50	266.64	240.37	256.19	235.40	231.45	240.28	239.31
1978	299.96	393.04	266.25	314.88	293.87	396.05	263.56	332.17	340.64	385.92	316.02	268.52
1979	418.26	491.38	376.08	495.86	407.98	488.99	372.67	480.04	445.53	495.01	388.04	529.21
1980	353.02	391.89	332.12	405.92	346.43	391.76	326.23	411.03	372.09	392.01	355.34	391.88
1981	357.26	436.99	321.23	417.97	357.88	428.98	322.83	433.00	356.32	444.04	318.60	381.77
1982--												
1st quarter	336.07	380.63	312.98	362.50	310.10	325.15	301.45	343.65	385.72	427.53	350.02	383.34
2d quarter	334.49	322.38	343.56	311.11	286.35	304.56	282.24	288.27	475.53	342.25	607.88	381.55
3d quarter	281.26	246.83	250.90	496.45	258.45	194.53	235.77	428.28	309.64	268.93	277.75	614.66
4th quarter	289.73	289.68	270.20	370.57	279.43	252.27	365.88	365.37	317.04	320.83	289.74	386.08
1982 average	312.11	315.93	297.27	371.19	286.72	281.02	275.85	347.61	359.52	343.82	370.45	420.45
1983--												
1st quarter	309.30	285.24	313.18	330.11	300.64	268.24	295.68	330.32	328.91	294.94	371.70	327.95
2d quarter	297.69	279.61	304.03	303.07	297.66	262.05	307.48	300.56	297.77	301.25	290.39	317.72
3d quarter	308.88	317.40	309.86	296.72	310.67	289.44	323.22	292.13	304.78	347.63	272.03	311.40
4th quarter												
1983 average												

Table 27--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83¹/(continued)
(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO CANADA												
1972	145.81	154.44	109.13	143.25	145.81	154.44	109.13	143.25	--	--	--	--
1973	182.24	192.12	120.04	185.34	182.24	192.12	120.04	185.34	--	--	--	--
1974	205.78	223.84	196.55	183.58	202.89	219.18	196.55	183.40	312.23	312.23	--	300.03
1975	189.59	200.09	199.95	175.20	189.59	200.09	199.95	175.20	--	--	--	--
1976	243.28	257.29	245.57	227.11	243.28	257.29	245.57	227.11	--	--	--	--
1977	237.20	205.68	272.32	286.43	237.20	205.68	272.32	286.43	--	--	--	--
1978	186.31	152.21	240.99	234.59	186.20	151.99	240.99	234.59	536.67	536.67	--	--
1979	333.39	384.39	331.18	298.58	333.28	384.39	331.18	298.58	--	--	--	--
1980	263.66	285.72	252.59	251.96	263.66	285.72	252.59	251.96	--	--	--	--
1981	281.69	298.64	301.46	241.23	271.69	298.64	301.46	241.23	--	--	--	--
1982--												
1st quarter	266.80	264.46	290.34	261.00	266.80	264.46	290.34	261.00	--	--	--	--
2d quarter	295.12	322.23	344.18	258.16	295.12	322.23	344.48	258.16	--	--	--	--
3d quarter	255.32	265.26	360.63	234.43	255.32	265.26	360.63	234.43	--	--	--	--
4th quarter	234.81	214.63	321.75	241.58	234.81	214.63	321.75	241.58	--	--	--	--
1982 average	263.51	268.80	317.76	248.85	263.51	268.80	317.73	248.85	--	--	--	--
1983--												
1st quarter	263.27	278.36	325.74	244.33	263.27	278.36	325.74	244.33	--	--	--	--
2d quarter	259.43	277.71	332.15	234.08	259.43	277.71	332.15	234.08	--	--	--	--
3d quarter	259.42	281.40	350.39	233.99	259.42	281.40	350.39	233.99	--	--	--	--
4th quarter												
1983 average												
TO MAINLAND CHINA												
1981	283.78	286.62	741.60	105.42	270.55	450.82	741.60	105.42	284.30	284.30	--	--
1982--												
1st quarter	170.00	170.00	--	--	--	--	--	--	170.00	170.00	--	--
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	258.05	258.05	--	--	--	--	--	--	258.05	258.05	--	--
4th quarter	195.63	195.63	--	--	--	--	--	--	195.63	195.63	--	--
1982 average	257.07	257.07	--	--	--	--	--	--	257.07	257.07	--	--
1983--												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	314.97	314.97	--	--	--	--	--	--	314.97	314.97	--	--
3d quarter	299.97	299.97	--	--	--	--	--	--	299.97	299.97	--	--
4th quarter												
1983 average												

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

¹Includes lumber classified as railroad cross-ties and not specified by species.

Table 28--Softwood lumber exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	48,914	20,843	135	27,936
1973	73,842	30,746	2,530	40,566
1974	35,314	17,350	815	17,149
1975	27,628	13,388	636	13,604
1976	40,585	14,430	462	25,693
1977	44,438	18,951	1,137	24,350
1978	32,919	12,931	684	19,304
1979	30,832	10,539	1,498	18,795
1980	34,603	10,531	3,777	20,295
1981	47,315	7,841	12,037	27,437
1982--				
1st quarter	10,323	2,497	1,607	6,219
2d quarter	13,228	4,446	1,750	7,032
3d quarter	13,922	2,738	1,220	9,964
4th quarter	15,244	4,174	2,959	8,111
1982 total	52,717	13,855	7,536	31,326
1983--				
1st quarter	11,357	4,060	1,748	5,549
2d quarter	12,600	5,643	2,584	4,373
3d quarter	12,315	5,727	1,201	5,387
4th quarter				
1983 total				
TO JAPAN				
1972	6,884	17	28	6,839
1973	4,963	328	2,359	2,276
1974	3,208	317	12	2,879
1975	4,303	337	--	3,966
1976	5,724	168	396	5,160
1977	7,766	1,354	--	6,412
1978	6,763	107	200	6,456
1979	8,854	0	700	8,154
1980	17,384	1,160	3,256	12,968
1981	29,437	2,608	11,834	14,995
1982--				
1st quarter	8,480	2,024	1,557	4,899
2d quarter	8,809	2,049	1,737	5,023
3d quarter	10,668	1,448	1,170	8,050
4th quarter	10,256	1,764	2,117	6,375
1982 total	38,213	7,285	6,581	24,347
1983--				
1st quarter	7,519	1,381	1,748	4,390
2d quarter	6,585	578	2,460	3,547
3d quarter	5,389	274	1,134	3,981
4th quarter				
1983 total				
TO MAINLAND CHINA				
1981	93	0	0	93
1982--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	5	0	0	5
4th quarter	17	17	0	0
1982 total	22	17	0	5
1983--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	0	0	0	0
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 29--Softwood lumber exports from southern California ports,
by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS
TO ALL COUNTRIES			
1972	56,599	23,938	32,661
1973	52,608	19,599	33,009
1974	46,514	18,684	27,830
1975	56,759	23,596	33,163
1976	61,256	23,078	38,178
1977	72,588	26,895	45,693
1978	74,347	27,661	46,686
1979	81,372	20,388	60,984
1980	95,641	24,830	70,811
1981	109,451	18,809	90,642
1982--			
1st quarter	21,918	1,969	19,949
2d quarter	26,975	2,928	24,047
3d quarter	15,081	1,680	13,401
4th quarter	7,238	914	6,324
1982 total	71,212	7,491	63,721
1983--			
1st quarter	6,717	494	6,223
2d quarter	8,472	355	8,117
3d quarter	10,051	636	9,365
4th quarter			
1983 total			
TO JAPAN			
1972	1,578	12	1,566
1973	264	--	264
1974	64	--	64
1975	119	--	119
1976	377	--	377
1977	172	73	99
1978	471	--	471
1979	739	--	739
1980	2,330	237	2,093
1981	1,477	360	1,117
1982--			
1st quarter	245	0	245
2d quarter	3	0	3
3d quarter	12	12	0
4th quarter	30	0	30
1982 total	290	12	278
1983--			
1st quarter	0	0	0
2d quarter	2,155	0	2,155
3d quarter	178	0	178
4th quarter			
1983 total			

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

¹Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

Table 30--Softwood lumber exports from Alaska ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL	WESTERN HEMLOCK	SITKA SPRUCE	CEGAR	OTHER SOFTWOODS
TO ALL COUNTRIES					
1972	340,196	155,407	184,649	0	140
1973	404,849	210,555	194,143	12	139
1974	362,432	250,144	154,525	2,641	122
1975	313,307	179,398	132,556	1,353	0
1976	290,011	134,387	148,526	1,298	5,800
1977	250,044	122,544	121,350	5,579	571
1978	237,795	126,218	111,435	53	89
1979	278,462	172,005	103,844	479	2,134
1980	256,716	158,682	96,607	105	1,322
1981	195,981	104,974	91,007	0	0
1982--					
1st quarter	49,526	16,908	32,618	0	0
2d quarter	54,839	23,000	30,178	0	1,661
3d quarter	34,136	13,765	20,371	0	0
4th quarter	33,465	321,827	311,638	0	0
1982 total	171,966	75,500	94,805	0	1,661
1983--					
1st quarter	42,858	20,389	21,854	0	615
2d quarter	23,333	10,727	11,545	0	1,061
3d quarter	36,314	17,962	18,352	0	0
4th quarter					
1983 total					
TO JAPAN					
1972	336,798	152,555	184,243	0	0
1973	403,938	210,536	193,390	12	0
1974	361,691	204,845	154,205	2,641	0
1975	312,976	179,122	132,501	1,353	0
1976	289,197	134,274	148,221	902	5,800
1977	245,445	122,471	121,083	1,391	500
1978	236,615	125,355	111,207	53	0
1979	273,615	170,149	101,408	435	1,623
1980	251,369	156,654	94,610	105	0
1981	161,794	82,753	79,041	0	0
1982--					
1st quarter	39,046	13,050	25,996	0	0
2d quarter	53,846	23,000	30,178	0	668
3d quarter	29,469	13,315	16,154	0	0
4th quarter	33,465	21,827	11,638	0	0
1982 total	155,826	71,192	83,966	0	668
1983--					
1st quarter	34,269	18,795	14,937	0	537
2d quarter	22,230	10,626	10,543	0	1,061
3d quarter	29,008	13,116	15,892	0	0
4th quarter					
1983 total					
TO MAINLAND CHINA					
1981	27,149	18,428	8,721	0	0
1982--					
1st quarter	9,479	2,857	6,622	0	0
2d quarter	0	0	0	0	0
3d quarter	3,674	450	3,224	0	0
4th quarter	0	0	0	0	0
1982 total	13,153	3,307	9,846	0	0
1983--					
1st quarter	5,976	1,582	4,394	0	0
2d quarter	0	0	0	0	0
3d quarter	6,278	4,846	1,432	0	0
4th quarter					
1983 total					

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

Table 31--Softwood lumber exports to Canada from the Montana Customs District, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
1972	16,360	6,391	1,595	8,374
1973	47,727	30,526	3,334	13,867
1974	29,146	9,618	3,602	15,926
1975	50,226	12,745	4,516	32,965
1976	56,451	19,050	3,521	33,880
1977	46,488	12,660	3,463	30,365
1978	44,612	12,691	2,276	29,645
1979	81,671	22,067	1,632	57,972
1980	57,556	14,030	1,803	41,723
1981	82,933	18,196	1,308	63,429
1982--				
1st quarter	13,582	2,047	231	11,304
2d quarter	10,114	1,573	56	8,485
3d quarter	11,699	2,763	194	8,742
4th quarter	12,023	2,212	209	9,602
1982 total	47,418	8,595	690	38,133
1983--				
1st quarter	16,216	3,428	230	12,558
2d quarter	21,160	4,397	185	16,578
3d quarter	18,434	2,736	277	15,421
4th quarter				
1983 total				

Source--U.S. Department of Commerce.

¹Montana Customs District includes all ports in Montana and Idaho.

Table 32--Lumber exports from British Columbia ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	3,834,552	707,112	1,801,818	406,409	634,563	278,836	5,814
1973	4,169,812	566,535	2,032,594	456,522	766,830	344,401	2,930
1974	3,938,940	527,706	1,699,277	406,419	914,787	387,043	3,708
1975	3,001,410	356,371	1,113,665	295,218	825,527	409,507	1,122
1976	4,670,033	542,197	1,967,446	467,829	1,191,429	499,853	1,279
1977	5,860,807	683,614	2,364,028	533,267	2,269,876	8,796	1,226
1978	5,876,119	679,566	2,492,764	570,796	2,116,258	15,674	1,061
1979	5,755,532	679,694	2,313,186	646,701	1,983,829	129,161	2,961
1980	5,160,800	498,425	2,098,672	988,347	1,872,234	99,624	3,498
1981	4,421,519	420,466	1,805,988	604,608	1,495,892	93,086	1,479
1982--							
1st quarter	1,045,913	99,313	451,692	166,216	56,025	272,403	264
2d quarter	1,236,274	99,590	508,243	176,105	64,291	387,718	327
3d quarter	1,018,860	86,096	420,486	151,808	41,548	309,280	9,642
4th quarter	941,852	54,933	423,578	141,736	46,354	274,940	311
1982 total	4,242,899	339,932	1,803,999	635,865	208,218	1,244,341	10,544
1983--							
1st quarter	1,173,746	80,455	503,998	161,250	62,562	363,111	2,370
2d quarter	1,231,102	92,469	556,169	183,459	42,115	355,453	1,437
3d quarter	1,170,095	83,730	558,274	169,082	44,826	313,650	533
4th quarter							
1983 total							
TO JAPAN							
1972	400,051	15,268	300,460	46,052	34,003	526	3,742
1973	617,449	12,987	441,852	88,946	71,531	1,849	284
1974	500,785	15,335	349,560	83,749	49,116	2,490	535
1975	407,674	12,870	301,336	60,490	30,488	2,405	85
1976	633,863	13,727	476,927	79,934	61,743	1,521	11
1977	705,823	18,530	530,567	90,447	65,943	85	251
1978	779,135	23,799	545,983	116,368	92,940	0	45
1979	1,014,481	44,021	677,425	158,121	133,358	546	1,010
1980	1,084,426	55,800	701,579	136,130	185,379	4,158	1,380
1981	867,636	34,239	577,901	129,256	125,324	717	199
1982--							
1st quarter	321,362	17,735	220,513	33,431	18,192	31,401	90
2d quarter	300,572	10,662	219,718	23,776	15,107	31,275	34
3d quarter	221,355	8,972	149,475	28,409	14,650	19,849	0
4th quarter	205,082	7,022	123,919	34,284	18,760	21,082	15
1982 total	1,048,371	44,391	713,625	119,900	66,709	103,607	139
1983--							
1st quarter	284,327	10,068	189,631	32,141	19,963	32,499	25
2d quarter	241,695	7,198	157,455	31,260	11,849	33,914	19
3d quarter	177,976	6,039	107,190	22,699	18,636	23,384	28
4th quarter							
1983 total							

Table 32--Lumber exports from British Columbia ports, by species and destination, 1972-83 (continued)

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES ¹							
1972	2,679,159	505,902	1,155,419	254,521	491,217	270,029	2,071
1973	2,601,556	347,653	1,143,329	240,978	544,634	322,316	2,646
1974	2,287,461	302,112	761,924	207,138	659,751	353,487	3,049
1975	2,026,343	238,331	542,256	166,949	684,404	393,391	1,012
1976	2,965,011	322,793	978,784	267,831	938,185	456,237	1,181
1977	4,107,653	529,808	1,340,920	333,604	1,894,371	7,988	962
1978	4,078,666	501,841	1,443,548	365,062	1,751,741	15,496	978
1979	3,528,648	462,658	1,125,807	382,991	1,429,014	126,536	1,642
1980	2,590,889	283,482	775,428	355,821	1,079,387	94,683	2,088
1981	2,337,958	228,856	803,019	394,800	813,733	96,305	1,245
1982--							
1st quarter	454,409	38,338	143,946	105,038	28,766	138,161	160
2d quarter	598,691	45,348	178,235	129,618	35,901	209,335	254
3d quarter	487,198	40,730	138,339	104,856	23,304	179,603	366
4th quarter	477,427	33,360	176,993	91,122	23,343	152,313	296
1982 total	2,017,725	157,776	637,513	430,634	111,314	679,412	1,076
1983--							
1st quarter	596,902	42,067	197,343	107,140	39,938	209,966	448
2d quarter	716,670	50,047	282,102	125,052	27,625	231,261	583
3d quarter	716,678	54,010	279,588	125,998	24,490	232,182	410
4th quarter							
1983 total							
TO MAINLAND CHINA							
1982--							
1st quarter	37	0	0	0	0	37	0
2d quarter	8,663	0	6,426	0	0	2,337	0
3d quarter	15,481	0	6,290	0	0	0	9,191
4th quarter	19,025	0	28,877	0	624	2,240	0
1982 total	43,206	0	28,877	0	624	49514	9,191
1983--							
1st quarter	16,970	0	10,445	0	0	4,663	1,862
2d quarter	27,465	0	23,994	0	0	3,471	0
3d quarter	35,319	3,308	27,331	0	0	4,680	0
4th quarter							
1983 total							

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

¹Figures do not include shipments of railroad crossties.

Table 33--Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83

(In thousand square feet)

YEAR AND QUARTER	FROM BOTH CUSTOMS DISTRICTS		FROM WASHINGTON CUSTOMS DISTRICT		FROM OREGON 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
TO ALL COUNTRIES						
1972	122,242	3,603	23,241	3,342	99,001	261
1973	284,806	6,337	45,493	5,546	239,313	791
1974	284,487	6,590	131,317	5,604	153,170	986
1975	407,117	10,493	93,951	10,360	313,166	133
1976	532,576	24,229	34,020	23,846	498,556	383
1977	233,762	17,673	20,603	17,447	213,159	226
1978	242,105	12,160	23,284	8,871	218,821	3,289
1979	330,018	9,962	27,132	9,644	302,886	318
1980	279,003	9,718	20,747	8,806	258,256	912
1981	327,967	18,645	65,729	17,333	262,238	1,312
1982--						
1st quarter	61,985	3,009	8,562	3,003	53,423	6
2d quarter	54,367	2,326	10,519	2,326	43,848	0
3d quarter	26,117	1,352	8,687	1,348	17,430	4
4th quarter	79,140	2,748	8,500	2,669	70,640	79
1982 total	221,609	9,435	36,268	9,346	185,341	89
1983--						
1st quarter	109,950	4,445	10,297	4,311	99,653	134
2d quarter	100,036	4,884	11,347	4,804	88,689	80
3d quarter	40,582	4,576	7,599	4,569	32,983	7
4th quarter						
1983 total						
TO JAPAN						
1972	734	34	432	0	302	34
1973	8,139	247	1,625	0	6,514	247
1974	3,311	188	1,203	11	2,108	177
1975	2,141	14	414	0	1,727	14
1976	2,361	61	498	61	1,863	0
1977	1,914	162	122	74	1,792	88
1978	2,821	18	167	18	2,654	0
1979	6,040	108	931	108	5,109	0
1980	8,301	978	4,158	978	4,143	0
1981	5,056	13	2,162	12	2,894	1
1982--						
1st quarter	1,671	0	408	0	1,263	0
2d quarter	2,523	0	948	0	1,575	0
3d quarter	629	0	524	0	105	0
4th quarter	1,897	19	1,272	19	625	0
1982 total	6,720	19	3,152	19	3,568	0
1983--						
1st quarter	1,264	0	910	0	354	0
2d quarter	1,047	13	765	0	282	13
3d quarter	1,583	3	1,108	0	475	3
4th quarter						
1983 total						
TO MAINLAND CHINA						
1982--						
1st quarter	0	0	0	0	0	0
2d quarter	0	1	0	1	0	0
3d quarter	0	0	0	0	0	0
4th quarter	0	0	0	0	0	0
1982 total	0	1	0	1	0	0
1983--						
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						
1983 total						

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Washington 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.

Table 34--Plywood exports from California, 1972-83^{1/}

(In thousand square feet)

YEAR AND QUARTER	TOTAL	NORTHERN CALIFORNIA		SOUTHERN CALIFORNIA	
		SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE	SOFTWOOD, 3/8-INCH BASIS	HARDWOOD, SURFACE MEASURE
1972	15,429	6,633	668	5,941	2,187
1973	16,562	8,186	698	4,358	3,320
1974	18,177	4,985	305	7,978	4,909
1975	19,619	7,874	542	6,311	4,892
1976	19,696	10,085	92	4,681	5,111
1977	9,198	5,148	646	1,818	1,586
1978	6,036	2,833	899	964	1,340
1979	5,934	1,638	871	1,946	1,479
1980	9,054	1,414	849	3,546	3,245
1981	9,349	2,424	487	2,830	3,608
1982--					
1st quarter	1,419	547	69	391	412
2d quarter	2,173	917	205	533	518
3d quarter	2,209	774	556	457	422
4th quarter	1,663	788	534	176	165
1982 total	7,464	3,026	1,364	1,557	1,517
1983--					
1st quarter	1,356	524	58	195	579
2d quarter	2,567	1,302	497	207	561
3d quarter	<u>2/2,315</u>	933	259	<u>2/572</u>	551
4th quarter					
1983 total					

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which may have been made after this time are not shown.

^{1/}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, California.

^{2/}Of this amount, 11,000 square feet were exported to mainland China.

Table 35--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In thousand board feet, Scribner scale)

AGENCY	1978	1979	1980	1981	1982		1983			TOTAL
					TOTAL	30 QTR.	1ST QTR.	20 QTR.	30 QTR.	
Western Washington:										
U.S. Forest Service ¹	1,097,548	1,222,548	1,114,024	1,224,969	1,066,085	360,854	333,610	310,440	275,030	
U.S. Bur. Indian Affairs	66,923	22,882	6,927	13,460	2,535	2,535	839	4,549	6,481	
State of Washington ²	175,155	1,150,935	503,565	368,885	601,935	98,195	152,160	96,875	57,395	
Total	1,339,675	2,396,365	1,624,516	1,607,014	1,670,555	461,584	486,609	411,864	338,906	
Eastern Washington:										
U.S. Forest Service ¹	382,902	420,819	428,631	389,029	322,315	157,563	80,772	94,276	234,415	
U.S. Bur. Land Manage.	54	2,645	1,798	3,898	3,025	2,989	0	0	3,250	
U.S. Bur. Indian Affairs	157,396	140,247	211,205	53,795	44,583	3,698	2,689	41,981	104,242	
State of Washington ²	30,385	125,505	80,345	53,710	89,620	9,575	12,410	8,705	26,025	
Total	570,737	689,216	721,979	500,432	459,543	173,825	95,871	144,962	367,932	
Western Oregon:										
U.S. Forest Service ¹	2,242,355	2,441,324	2,643,716	2,378,903	2,418,057	819,999	906,967	381,433	479,813	
U.S. Bur. Land Manage.	1,110,451	889,797	1,150,026	1,030,627	1,214,330	420,036	217,953	240,675	339,437	
U.S. Bur. Indian Affairs ³	0	0	0	3,340	0	0	0	2,361	0	
State of Oregon	210,353	219,378	238,931	135,461	301,947	52,862	26,091	95,737	78,741	
Total	3,563,159	3,550,499	4,032,673	3,548,331	3,934,334	1,292,897	1,151,011	720,206	897,991	
Eastern Oregon:										
U.S. Forest Service ¹	1,115,280	1,271,677	1,168,327	1,294,928	1,164,264	391,232	356,626	209,789	357,350	
U.S. Bur. Land Manage.	12,152	6,525	2,301	17,864	15,197	4,756	0	14,792	4,417	
U.S. Bur. Indian Affairs	152,320	15,439	25,480	55,032	89,438	2,645	0	11,270	6,100	
State of Oregon	8,379	7,499	5,992	1,040	13,350	0	0	1,726	0	
Total	1,288,131	1,301,140	1,202,100	1,368,864	1,282,249	398,633	356,626	237,577	367,867	
All public lands:										
U.S. Forest Service ¹	4,838,134	5,356,368	5,354,698	5,287,829	4,970,721	1,729,648	1,677,975	995,938	1,346,608	
U.S. Bur. Land Manage.	1,122,657	898,967	1,154,125	1,052,381	1,232,552	427,781	217,953	255,467	347,104	
U.S. Bur. Indian Affairs ³	376,639	178,568	243,612	125,627	136,556	8,878	3,528	60,161	116,823	
State of Washington ²	205,540	1,276,440	583,910	422,595	691,555	107,770	164,570	105,580	83,420	
State of Oregon	218,732	226,877	244,923	136,501	315,297	52,862	26,091	97,463	78,741	
Total	6,761,702	7,937,220	7,581,268	7,024,941	7,346,691	2,326,939	2,090,117	1,514,609	1,972,696	

Source--respective agencies listed.

¹Convertible products only.²Excludes sales under \$2,000.³Siletz Reservation formed 1980.

Table 36--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In dollars per thousand board feet)

AGENCY	1978	1979	1980	1981	1982		1983			
					AVERAGE	30 QTR.	1ST QTR.	20 QTR.	30 QTR.	4TH QTR.
Western Washington:										
U.S. Forest Service ¹	129.57	224.68	208.06	180.57	61.48	35.48	61.38	84.11	64.74	
U.S. Bur. Indian Affairs	120.34	264.95	182.32	129.09	128.64	128.64	90.73	103.53	98.79	
State of Washington ²	231.31	332.10	304.71	208.95	146.88	130.25	152.17	135.45	205.78	
Average	142.84	276.66	237.91	186.65	92.35	56.15	90.02	97.34	89.28	
Eastern Washington:										
U.S. Forest Service ¹	186.69	104.68	90.92	77.57	30.61	24.94	50.07	56.09	25.51	
U.S. Bur. Land Manage.	123.48	16.80	21.25	105.60	43.64	43.49	--	--	57.86	
U.S. Bur. Indian Affairs	165.37	212.01	162.32	173.78	191.17	19.79	61.71	89.30	135.61	
State of Washington ²	162.13	210.79	207.67	198.94	115.52	73.15	75.46	78.50	60.40	
Average	179.49	145.50	124.63	101.15	62.83	28.23R	53.68	67.05	59.41	
Western Oregon:										
U.S. Forest Service ¹	210.96	332.09	354.60	276.36	92.44	74.98	138.74	131.32	114.29	
U.S. Bur. Land Manage.	196.36	292.59	323.63	246.68	89.40	72.95	130.89	125.59	123.30	
U.S. Bur. Indian Affairs ³	--	--	--	365.16	--	--	--	170.20	--	
State of Oregon	226.23	314.93	332.25	262.31	117.52	134.60	144.12	186.42	159.36	
Average	207.31	321.13	344.44	269.30	93.43	76.76	143.52	136.86	121.65	
Eastern Oregon:										
U.S. Forest Service ¹	171.04	169.55	130.22	144.49	77.28	35.97	89.52	77.20	77.63	
U.S. Bur. Land Manage.	206.17	103.25	118.72	84.31	62.45	85.16	--	43.00	106.41	
U.S. Bur. Indian Affairs	113.72	196.29	266.61	112.47	82.85	89.35	--	169.54	87.13	
State of Oregon	134.91	229.38	186.29	16.00	111.66	--	--	59.68	--	
Average	164.36	169.88	133.37	142.32	56.33	36.91	89.52	79.32	78.13	
All public lands:										
U.S. Forest Service ¹	181.49	251.12	254.06	208.60	72.69	53.36	108.69	98.08	78.99	
U.S. Bur. Land Manage.	196.46	290.41	322.75	243.40	88.96	72.88	130.89	120.81	122.41	
U.S. Bur. Indian Affairs ³	136.48	217.43	173.80	147.23	119.07	79.93R	68.61	108.57	131.04	
State of Washington ²	221.08	320.17	291.35	207.68	142.82	125.15	146.38	134.43	160.43	
State of Oregon	222.73	312.10	328.68	260.43	114.27	134.60	144.12	184.18	159.36	
Average	184.01	267.66	267.21	213.67	84.80	62.30R	117.73	110.40	96.36	

Source--respective agencies listed.

¹Prices 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 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).

²Excludes sales under \$2,000.

³Siletz Reservation formed 1980.

R = revised.

Table 37--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83¹
(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR				PONOEROSA ANO JEFFREY PINES	SUGAR PINE	WHITE PINE	LOOSEPOLE PINE	ENGELMANN SPRUCE	SITKA SPRUCE	WESTERN HEMLOCK	CEARSS ²	LARCH	NOBLE FIR ANO SHASTA RED FIR	OTHER TRUE FIRS	ALL SPECIES
	WEST SIDE	EAST SIDE	WEST SIDE	EAST SIDE												
1972	71.70	15.60	38.40	26.00	35.80	10.60	27.20	28.00	49.00	67.50	13.50	100.20	33.00	53.20		
1973	138.10	60.40	77.70	60.50	50.70	38.40	55.60	93.40	99.20	146.80	53.90	81.40	73.80	102.80		
1974	202.40	68.20	110.60	139.10	121.00	25.70	50.20	72.60	110.80	217.00	11.00	136.20	80.90	142.40		
1975	169.50	34.30	43.10	109.90	84.40	15.40	13.70	75.90	68.50	119.20	5.80	117.70	45.10	101.60		
1976	176.20	38.60	79.40	118.90	116.00	40.20	10.50	83.10	78.10	160.30	20.30	105.60	55.00	113.20		
1977	225.90	71.20	138.40	162.80	142.70	35.40	36.50	103.00	89.20	149.50	62.10	128.90	85.10	153.80		
1978	250.31	98.50	218.70	207.90	123.70	41.60	85.40	109.50	111.70	206.60	56.40	122.50	99.10	185.00		
1979	394.30	81.70	238.00	267.30	181.90	47.10	51.60	227.90	197.10	329.10	90.50	211.30	189.80	270.00		
1980	432.20	70.80	190.80	167.00	102.80	44.60	34.20	306.50	208.00	301.00	43.60	241.80	167.90	285.50		
1981	350.20	94.00	206.40	174.50	100.60	36.60	15.00	238.00	162.00	168.70	69.70	147.30	103.80	230.60		
1982--																
1st quarter	152.10	59.20	110.00	84.20	105.60	33.30	6.00	86.30	48.90	101.90	18.50	48.60	70.38	109.20		
2d quarter	97.60	36.10	78.60	32.60	29.00	15.50	18.40	93.10	33.20	106.80	58.30	50.30	31.20	69.30		
3d quarter	91.70	27.80	54.60	95.10	41.30	9.50	21.90	25.50	37.80	72.90	15.30	16.30	24.80	59.20		
4th quarter	134.30	29.30	73.10	107.70	54.40	17.20	8.50	41.70	69.00	142.20	15.90	16.00	43.40	96.40		
1982 average	118.20R	35.80R	78.60R	83.60R	50.00R	17.40R	19.50	49.50	44.60	101.90	37.50	28.40	40.00	80.20		
1983--																
1st quarter	180.50	31.70	132.70	64.00	24.80	18.90	22.10	25.90	52.60	51.00	31.60	39.50	57.10	122.60		
2d quarter	152.80	57.00	127.90	165.60	40.40	22.30	37.60	18.50	71.80	102.90	22.80	61.00	77.30	112.90		
3d quarter	142.20	30.70	129.70	161.70	136.90	21.80	42.60	35.20	55.00	68.40	18.90	83.60	50.90	93.90		
4th quarter																
1983 average																

Source--Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

¹Prices 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 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).

²Includes Port-Orford-cedar.

R = revised.

Table 38--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983¹/₂

(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 ³ / ₄		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Western Oregon:												
Mount Hood--												
1st qtr.	96,955	207.60	4,120	27.70	1,480	17.28	42,635	73.30	210	7.37	190,449	126.51
2d qtr.	23,639	196.75	1,150	21.91	1,090	93.23	8,240	121.90	1,310	3.39	41,954	142.02
3d qtr.	28,252	174.36	11,400	49.78	1,000	20.33	19,015	99.67	10,280	16.32	82,589	97.96
4th qtr.												
Total and average												
Rogue River--												
1st qtr.	24,750	204.44	0	--	3,850	70.71	110	14.13	10,570	164.63	48,810	157.15
2d qtr.	22,775	159.25	0	--	520	27.05	0	--	16,755	97.87	44,841	117.49
3d qtr.	29,665	105.60	0	--	1,067	54.21	0	--	19,405	159.47	57,797	114.85
4th qtr.												
Total and average												
Siskiyou--												
1st qtr.	33,305	205.84	0	--	110	45.98	1,460	8.92	200	11.92	40,870	182.95
2d qtr.	37,750	133.89	0	--	860	24.16	40	33.38	530	12.76	49,450	122.69
3d qtr.	36,560	167.95	0	--	150	102.11	2,300	12.86	880	42.49	45,527	162.97
4th qtr.												
Total and average												
Siuslaw--												
1st qtr.	118,891	168.04	0	--	0	--	14,160	84.68	0	--	150,423	145.39
2d qtr.	55,931	169.09	0	--	0	--	9,320	114.63	0	--	70,127	151.61
3d qtr.	49,228	124.96	0	--	0	--	5,330	38.27	0	--	62,375	106.88
4th qtr.												
Total and average												
Umpqua--												
1st qtr.	123,411	221.48	0	--	0	--	5,900	19.97	12,600	10.44	167,911	168.46
2d qtr.	47,883	203.88	0	--	0	--	2,500	18.96	0	--	58,931	168.97
3d qtr.	60,640	162.88	0	--	1,390	123.59	800	45.70	1,270	7.35	81,230	137.43
4th qtr.												
Total and average												
Willamette--												
1st qtr.	179,580	193.90	0	--	500	34.13	30,760	13.10	8,660	19.68	301,018	119.98
2d qtr.	66,320	147.59	0	--	0	--	10,730	84.17	1,440	23.79	103,322	111.70
3d qtr.	84,610	194.59	0	--	1,300	137.97	19,690	33.75	940	59.40	138,995	130.50
4th qtr.												
Total and average												
All western Oregon:												
1st qtr.	576,892	197.91	4,120	27.70	5,940	53.09	95,025	51.14	32,240	63.46	899,481	139.71
2d qtr.	254,298	166.50	1,150	21.91	2,470	55.25	30,830	98.11	20,035	84.11	368,625	134.08
3d qtr.	228,955	203.93	11,400	49.78	4,907	90.62	47,135	60.04	32,775	102.67	468,513	124.05
4th qtr.												
Total and average												
Western Washington:												
Gifford Pinchot--												
1st qtr.	45,050	166.43	0	--	0	--	17,800	90.65	24,315	92.27	101,545	112.84
2d qtr.	67,290	143.18	0	--	0	--	13,750	49.96	19,085	81.11	115,155	107.04
3d qtr.	40,881	113.83	0	--	0	--	11,630	55.24	36,690	57.15	104,881	71.25
4th qtr.												
Total and average												
Mount Baker-Snoqualmie--												
1st qtr.	9,370	104.91	0	--	0	--	30,893	52.63	11,200	86.55	70,810	57.24
2d qtr.	17,835	67.54	0	--	0	--	39,531	67.19	13,410	133.81	88,278	75.51
3d qtr.	7,790	96.14	0	--	0	--	16,256	93.03	7,945	65.88	42,481	84.42
4th qtr.												
Total and average												
Olympic--												
1st qtr.	46,930	26.79	0	--	0	--	79,970	43.98	0	--	155,480	34.12
2d qtr.	17,310	97.56	0	--	0	--	53,680	65.40	2,900	159.44	93,857	76.36
3d qtr.	48,100	76.61	0	--	0	--	33,090	58.00	7,850	68.39	139,250	47.79
4th qtr.												
Total and average												

Table 38--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/2} (continued)

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

NATIONAL FOREST	DOUGLAS-FIR				PONOEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIOE		EAST SIOE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
All western Washington:												
1st qtr.	101,350	94.01	0	--	0	--	128,663	52.51	35,515	90.46	327,835	63.50
2d qtr.	102,435	122.30	0	--	0	--	106,961	64.07	35,395	107.52	297,290	87.99
3d qtr.	96,771	93.91	0	--	0	--	60,976	66.81	52,485	60.16	286,612	61.80
4th qtr.												
Total and average												
All western Oregon and western Washington:												
1st qtr.	678,242	182.39	4,120	27.70	5,940	53.09	223,688	51.93	67,755	77.92	1,227,316	119.36
2d qtr.	356,733	153.81	1,150	21.91	2,470	55.25	137,791	71.69	55,430	99.06	665,915	113.50
3d qtr.	325,726	171.25	11,400	49.78	4,907	90.62	108,111	63.86	85,260	76.50	755,125	100.42
4th qtr.												
Total and average												
Eastern Oregon:												
Deschutes--												
1st qtr.	0	--	0	--	28,160	144.71	0	--	130	3.68	40,710	104.32
2d qtr.	0	--	1,720	117.09	9,913	228.70	0	--	197	20.00	25,049	112.34
3d qtr.	0	--	430	39.21	27,207	175.42	0	--	4,100	18.37	72,047	77.75
4th qtr.												
Total and average												
Fremont--												
1st qtr.	0	--	0	--	12,290	67.24	0	--	3,750	11.24	25,455	45.33
2d qtr.	0	--	0	--	22,450	196.39	0	--	1,300	10.93	23,950	184.69
3d qtr.	0	--	0	--	51,943	125.27	0	--	9,320	41.25	66,698	106.60
4th qtr.												
Total and average												
Malheur--												
1st qtr.	0	--	5,815	11.71	62,330	117.01	0	--	4,635	2.58	75,845	99.45
2d qtr.	0	--	1,630	9.50	27,930	133.96	0	--	1,156	8.75	30,975	123.68
3d qtr.	0	--	7,141	8.82	34,929	171.37	0	--	3,510	8.38	50,800	121.82
4th qtr.												
Total and average												
Ochoco--												
1st qtr.	0	--	2,400	16.29	44,170	77.54	0	--	0	--	46,570	74.38
2d qtr.	0	--	4,250	27.83	18,120	91.60	0	--	1,700	24.29	24,070	75.59
3d qtr.	0	--	4,770	8.88	31,347	109.82	0	--	0	--	36,117	96.47
4th qtr.												
Total and average												
Umatilla--												
1st qtr.	0	--	7,000	27.90	6,000	120.39	0	--	13,500	19.39	40,770	29.23
2d qtr.	0	--	1,000	9.65	1,300	13.65	0	--	4,800	28.57	10,100	17.58
3d qtr.	0	--	4,600	10.57	4,710	63.06	0	--	21,600	23.79	48,660	27.63
4th qtr.												
Total and average												
Wallowa-Whitman--												
1st qtr.	0	--	12,405	19.60	14,340	62.81	0	--	12,700	18.91	61,545	24.53
2d qtr.	0	--	16,930	11.30	14,120	39.06	0	--	10,100	5.25	43,446	18.40
3d qtr.	0	--	4,100	27.27	4,208	159.16	0	--	920	40.17	13,758	69.44
4th qtr.												
Total and average												
Winema--												
1st qtr.	0	--	800	6.41	48,600	247.80	0	--	10,900	62.57	66,000	195.24
2d qtr.	0	--	0	--	4,700	112.84	0	--	11,200	130.49	16,600	120.65
3d qtr.	0	--	0	--	13,350	228.40	0	--	4,750	31.57	18,900	170.68
4th qtr.												
Total and average												
All eastern Oregon:												
1st qtr.	0	--	28,420	19.38	215,890	135.54	0	--	45,615	27.15	356,895	89.67
2d qtr.	0	--	25,530	21.00	98,533	133.73	0	--	30,453	56.52	174,190	91.09
3d qtr.	0	--	21,041	13.43	167,694	147.43	0	--	44,200	26.93	306,980	90.92
4th qtr.												
Total and average												

Table 38--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/} ^{2/} (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 ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Eastern Washington:												
Colville--												
1st qtr.	0	--	77	80.89	700	24.04	176	50.25	2,300	12.95	30,600	20.29
2d qtr.	0	--	3,998	160.63	0	--	74	65.82	3,905	16.83	14,935	58.10
3d qtr.	0	--	7,00	51.29	3,300	96.79	1,792	6.94	110	47.53	31,210	39.78
4th qtr.												
Total and average												
Okanogan--												
1st qtr.	0	--	20,300	27.56	9,200	141.17	0	--	0	--	31,300	61.09
2d qtr.	0	--	22,000	67.45	1,935	71.00	0	--	0	--	23,935	67.74
3d qtr.	0	--	16,500	40.22	7,054	13.72	0	--	0	--	24,754	32.22
4th qtr.												
Total and average												
Wenatchee--												
1st qtr.	0	--	5,260	127.60	2,100	68.18	2,140	19.13	5,010	114.81	6,720	86.67
2d qtr.	0	--	4,930	121.51	2,400	41.32	0	--	4,025	18.65	14,320	62.00
3d qtr.	0	--	56,019	27.90	13,070	67.17	16,500	6.21	31,950	17.61	125,732	25.49
4th qtr.												
Total and average												
All eastern Washington:												
1st qtr.	0	--	25,637	48.24	12,000	121.56	2,316	21.49	7,310	82.76	78,620	50.65
2d qtr.	0	--	30,928	88.11	4,335	54.57	74	65.82	7,930	17.76	53,190	63.49
3d qtr.	0	--	79,519	32.51	23,424	55.25	18,292	6.28	32,060	17.70	181,696	28.86
4th qtr.												
Total and average												
All eastern Oregon and eastern Washington:												
1st qtr.	0	--	54,057	33.08	227,890	134.80	2,316	21.49	52,925	34.84	435,515	82.62
2d qtr.	0	--	56,458	57.77	102,868	130.40	74	65.82	38,383	48.51	227,380	84.63
3d qtr.	0	--	100,560	28.52	191,118	136.13	18,292	6.28	76,260	23.05	488,676	67.85
4th qtr.												
Total and average												
Pacific Northwest Region:												
1st qtr.	678,242	182.39	58,177	32.69	233,830	132.73	226,004	51.62	120,680	58.85	1,662,831	109.74
2d qtr.	356,733	153.81	57,608	56.70	105,338	128.63	137,865	71.69	93,813	78.38	893,295	106.15
3d qtr.	325,726	171.25	111,960	30.68	196,025	134.99	126,403	55.53	161,520	51.26	1,243,801	87.92
4th qtr.												
Total and average												
All of Oregon:												
1st qtr.	576,892	197.91	32,540	20.43	221,830	133.33	95,025	51.14	77,855	42.19	1,256,376	125.50
2d qtr.	254,298	166.50	26,680	21.04	101,003	131.81	30,830	98.11	50,488	67.47	542,815	120.28
3d qtr.	228,955	203.93	32,441	26.20	172,601	145.82	47,135	60.04	76,975	59.18	775,493	110.93
4th qtr.												
Total and average												
All of Washington:												
1st qtr.	101,350	94.01	25,637	48.24	12,000	121.56	130,979	51.96	42,825	89.15	406,455	61.01
2d qtr.	102,435	122.30	30,928	88.11	4,335	54.57	107,035	64.08	43,325	91.09	350,480	84.27
3d qtr.	96,771	93.91	79,519	32.51	23,424	55.25	79,268	52.84	84,545	44.06	468,308	49.02
4th qtr.												
Total and average												

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

^{1/}Preliminary.^{2/}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 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).^{3/} Does not include noble fir or Shasta red fir.

Table 39--Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983					
	1978	1979	1980	1981	TOTAL	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
Montana:											
U.S. Forest Service ¹	533,161	512,023	579,943	536,133	547,509	173,069	123,057	220,534	155,954		155,954
U.S. Bur. Land Manage. ²	4,576	9,148	11,079	9,061	6,265	5,444	75	557	14,044		14,044
U.S. Bur. Indian Affairs	6,880	37,468	25,405	24,693	17,198	6,987	453	5,674	1,755		1,755
State of Montana	25,036	28,110	24,662	28,853	25,417	10,358	5,481	5,922	5,918		5,918
Total	569,653	586,749	642,089	598,740	596,442	195,858	129,066	232,687	177,671		177,671
Idaho:											
U.S. Forest Service ¹	836,629	843,992	828,507	741,147	687,320	193,379	131,481	176,129	280,086		280,086
U.S. Bur. Land Manage. ²	27,656	778	19,283	33,221	11,538	7,890	238	7,950	3,851		3,851
U.S. Bur. Indian Affairs	8,491	1,609	2,381	14,484	7,070	2,252	0	8,376	0		0
State of Idaho	120,261	179,307	222,137	14,820	38,727	11,827	22,012	28,525	8,901		8,901
Total	993,039	1,025,686	1,072,308	803,672	744,655	215,348	153,731	220,980	292,838		292,838
All public lands:											
U.S. Forest Service ¹	1,369,790	1,356,015	1,408,450	1,277,280	1,234,829	366,448	254,538	396,663	436,040		436,040
U.S. Bur. Land Manage. ²	32,232	9,926	30,362	42,282	17,803	13,334	313	8,507	17,895		17,895
U.S. Bur. Indian Affairs	15,371	39,077	27,786	39,177	24,268	9,239	453	14,050	1,755		1,755
State of Montana	25,036	28,110	24,662	28,853	25,470	10,358	5,481	5,922	5,918		5,918
State of Idaho	120,261	179,307	222,137	14,820	38,727	11,827	22,012	28,525	8,901		8,901
Total	1,562,690	1,612,435	1,713,397	1,402,412	1,341,097	411,206	282,797	453,667	470,509		470,509

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales.

Table 40--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In dollars per thousand board feet)

AGENCY	1982					1983					
	1978	1979	1980	1981	AVERAGE	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
Montana:											
U.S. Forest Service ¹	62.12	59.66	43.31	57.46	29.80	20.43	34.73	33.39	30.91		30.91
U.S. Bur. Land Manage. ²	50.25	41.99	60.39	39.52	32.17	36.07	7.93	14.90	23.98		23.98
U.S. Bur. Indian Affairs	35.78	114.61	104.81	65.05	73.50	68.82	17.56	50.03	16.20		16.20
State of Montana	104.76	114.36	79.44	99.28	81.39	104.07	62.74	82.52	112.02		112.02
Average	63.58	65.52	47.43	59.52	33.28	27.02	35.84	35.00	32.92		32.92
Idaho:											
U.S. Forest Service ¹	52.10	63.56	40.74	43.27	28.28	20.33	54.29	44.91	48.03		48.03
U.S. Bur. Land Manage. ²	83.46	63.70	47.09	55.45	26.71	15.24	9.34	76.90	78.13		78.13
U.S. Bur. Indian Affairs	67.51	119.89	129.09	83.15	78.79	71.01	--	78.87	--		--
State of Idaho	133.14	102.23	92.21	101.83	45.28	40.15	90.53	64.02	36.06		36.06
Average	62.92	70.41	51.71	44.88	29.62	21.76	59.41	49.82	48.06		48.06
All public lands:											
U.S. Forest Service ¹	56.00	62.09	41.80	49.22	28.95	20.38	44.83	38.51	41.91		41.91
U.S. Bur. Land Manage. ²	78.75	43.69	51.94	38.92	28.63	23.74	9.00	72.84	35.63		35.63
U.S. Bur. Indian Affairs	53.31	114.83	106.53	71.74	75.04	69.36	17.56	67.23	16.20		16.20
State of Montana	104.76	114.36	79.44	99.28	81.39	104.07	62.74	82.52	112.02		112.02
State of Idaho	133.14	102.23	92.21	101.83	45.28	40.15	90.53	64.02	36.06		36.06
Average	63.16	68.63	50.11	51.13	31.25	24.27	48.65	42.22	42.34		42.34

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log prices.

Table 41--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83¹
(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
1972	26.70	35.50	30.30	16.50	27.00	12.90	28.50	34.30	19.20	26.50
1973	50.70	66.50	65.90	38.30	65.80	42.60	45.20	66.30	46.10	53.30
1974	31.90	63.50	117.80	19.40	39.10	28.90	26.50	38.90	29.20	44.70
1975	14.40	22.40	36.20	19.20	10.90	2.00	42.50	20.30	4.80	18.30
1976	23.00	56.80	91.40	16.70	42.20	9.60	45.80	52.90	9.30	35.40
1977	41.50	96.60	122.70	38.30	61.40	11.90	72.00	72.20	20.20	53.20
1978	41.20	113.50	146.00	44.70	85.80	42.50	144.90	69.60	37.30	64.80
1979	51.90	127.20	185.60	34.40	75.90	62.10	117.20	91.40	43.90	70.90
1980	20.50	112.70	80.10	42.70	44.10	171.80	123.20	73.80	30.10	53.40
1981	44.20	74.20	149.70	54.50	63.00	61.40	95.60	67.20	78.40	63.90
1982	26.60	48.10	81.40	34.60	27.20	71.10	60.90	28.30	37.70	36.20
1983--										
1st quarter	38.30	63.90	108.40	26.50	32.30	71.60	133.40	46.00	48.60	48.12
2d quarter	35.40	24.30	120.60	40.60	31.10	58.20	140.80	61.00	84.20	51.90
3d quarter	65.99	32.97	68.95	31.60	86.90	32.10	163.10	31.70	31.20	63.10
4th quarter										
1983 average										

1983 average

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

¹Prices 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 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).

Table 42--Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982							1983			
	1978	1979	1980	1981	TOTAL	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
U.S. Forest Service ¹	175,140	93,733	145,285	163,700	71,429	12,295	978	6,696	71,502		
U.S. Bur. Land Manage. ²	142	22	125	32	1,270	1,270	0	0	0		
U.S. Bur. Indian Affairs	440	258,360	12,794	200	7,680	0	0	0	0		
State of Alaska	6,932	156,235	4,949	18,402	24,154	5,474	3,900	3,960	6,282		
Total	182,654	508,350	163,153	182,334	104,533	19,039	4,878	10,656	77,784		

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales or volume given away through free use permits.

Table 43--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In dollars per thousand board feet)

AGENCY	1982							1983			
	1978	1979	1980	1981	AVERAGE	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	51.73	159.71	101.72	46.91	32.03	48.28	17.24	65.76	9.84		
U.S. Bur. Land Manage. ²	94.72	34.09	6.00	34.00	28.08	28.08	--	--	--		
U.S. Bur. Indian Affairs	80.00	5.31	151.83	2.00	122.40	--	--	--	--		
State of Alaska	26.60	3.22	24.63	19.21	18.23	16.39	17.06	18.93	6.96		
Average	50.88	33.14	103.24	44.06	35.43	37.76	17.09	48.21	9.61		

Source--respective agencies listed. Includes products other than sawtimber.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

NA = not available.

Table 44--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	SITKA SPRUCE	WESTERN HEMLOCK	CEDAR AND OTHER SOFTWOODS	ALL SPECIES
1972	7.30	7.90	1.00	7.60
1973	13.30	11.50	21.10	12.50
1974	41.80	22.30	41.70	28.80
1975	33.00	18.10	60.70	23.20
1976	25.10	12.00	67.30	28.00
1977	65.00	65.00	4.00	63.00
1978	99.17	4.27	136.17	40.57
1979	289.50	100.00	161.70	142.70
1980	213.30	18.40	437.40	101.10
1981	131.60	24.30	4.50	47.50
1982--				
1st quarter	30.10	6.20	1.60	10.60
2d quarter	34.90	6.40	27.10	30.80
3d quarter	128.20	23.60	71.80	47.40
4th quarter	66.30	6.70	3.90	22.80
1982 average	39.00	14.50	35.70	32.40
1983--				
1st quarter	24.50	7.70	13.80	17.10
2d quarter	70.50	47.20	6.90	60.50
3d quarter	19.95	5.00	8.90	9.80
4th quarter				
1983 average				

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

¹Prices 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 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).

Table 45--Volume of timber sold on publicly owned or managed lands in California, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983					
	1978	1979	1980	1981	TOTAL ¹	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL
U.S. Forest Service ¹	2,001,607	2,071,263	1,875,796	1,899,263	1,617,664	624,894	437,956	458,723	667,712		
U.S. Bur. Land Manage. ²	13,107	4,195	17,203	14,471	33,385R	24,358	513	790	NA		
U.S. Bur. Indian Affairs	37,200	33,729	22,230	11,000	63,595	30,000	0	3,000	0		
State of California	27,333	21,833	30,328	10,480	34,726	150	17,342	13,775	335		
Total	2,079,247	2,131,020	1,945,557	1,935,214	1,749,370R	679,402	455,811	476,288	NA		

Source--respective agencies listed.

¹Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

²Does not include cull log sales or volume given away through free use permits.

NA = not available.

Table 46--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83
(In dollars per thousand board feet)

AGENCY	1982							1983			
	1978	1979	1980	1981	AVERAGE	3D QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
U.S. Forest Service ¹	145.57	201.08	241.39	149.78	53.87	49.89	83.83	60.86	64.77		
U.S. Bur. Land Manage. ²	96.39	102.59	173.25	84.26	41.10R	41.16R	83.84	20.07	NA		
U.S. Bur. Indian Affairs	125.34	157.70	158.28	224.73	153.90	153.00	--	110.00	--		
State of California	273.35	370.76	283.94	190.57	133.93	35.73	247.97	116.05	97.64		
Average	146.58	201.94	240.51	180.70	58.86	54.12R	90.04	62.70	NA		

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

R = revised.

NA = not available.

Table 47--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR	PONDEROSA AND JEFFREY PINES	SUGAR PINE	LOGGEPOLE PINE	CEDARS	TRUE FIRS	ALL SPECIES
1972	40.70	65.80	66.60	5.40	50.10	30.20	47.40
1973	84.80	108.60	89.30	12.40	86.40	70.20	83.10
1974	87.00	101.40	104.00	6.50	112.00	41.70	81.80
1975	51.40	71.00	99.00	22.40	79.90	19.70	53.80
1976	76.00	101.80	185.00	6.50	84.00	23.40	80.40
1977	124.30	131.40	168.50	165.20	337.90	50.60	121.10
1978	131.10	164.70	169.20	136.20	516.40	79.80	148.10
1979	186.60	239.00	375.40	25.40	497.10	96.00	206.20
1980	189.50	206.10	671.40	252.80	559.90	133.40	252.20
1981	146.70	196.20	224.10	123.60	108.20	90.30	156.10
1982--							
1st quarter	55.30	93.80	79.30	33.90	303.00	36.10	66.80
2d quarter	43.20	66.20	55.50	22.60	106.90	43.10	55.30
3d quarter	55.70	58.10	78.20	27.40	62.30	24.90	50.00
4th quarter	44.60	70.90	45.00	17.60	49.40	47.10	54.20
1982 average	50.00	66.90	72.00	27.80	70.30	36.30	54.50
1983--							
1st quarter	75.70	84.60	149.30	37.80	109.60	72.20	85.10
2d quarter	48.30	119.40	70.80	25.40	99.40	43.60	65.70
3d quarter	56.40	90.10	169.40	22.80	57.20	48.40	75.70
4th quarter							
1983 average							

Source--Forest Service, U.S. Department of Agriculture. Pacific Southwest Region is the State of California.

¹Prices 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 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).

Table 48--Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83

YEAR AND QUARTER	COLVILLE ¹		OESCHUTES		FREMONT		GIFFORD PINCHOT		MALHEUR		MOUNT BAKER-SNOQUALMIE ²		MOUNT HOOD	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	23	84,440	0	--	0	--	0	--
1973	0	--	0	--	2	25,600	12	18,740	0	--	0	--	0	--
1974	4	30,100	0	--	4	46,300	33	172,615	1	650	8	26,860	11	63,527
1975	4	13,855	0	--	5	66,920	18	147,050	2	2,135	8	56,320	17	66,390
1976	1	2,263	0	--	1	15,200	7	68,250	0	--	2	8,350	4	10,658
1977	3	13,800	7	63,290	8	69,000	13	192,500	0	--	10	70,450	15	76,379
1978	4	43,500	0	--	1	357	15	161,500	0	--	0	--	20	83,836
1979	5	42,760	4	2,150	11	79,460	0	--	0	--	19	11,575	34	86,586
1980	2	20,400	3	2,032	6	44,360	16	113,140	0	--	18	6,763	44	26,525
1981	14	39,075	10	7,525	7	38,900	3	290	1	89	15	12,572	29	41,313
1982	10	38,460	9	9,580	8	13,440	18	30,920	0	--	12	4,400	31	16,246
1983--														
1st qtr.	1	400	0	--	2	8,900	2	10,020	1	545	3	8,470	4	1,230
2d qtr.	1	575	1	640	3	10,500	3	1,620	1	130	4	745	4	872
3d qtr.	2	1,520	0	--	6	37,120	6	3,231	2	490	1	800	17	4,852
4th qtr.														

1983 total

YEAR AND QUARTER	OCHOCHO		OKANOGAN		OLYMPIC		ROGUE RIVER		SISKIYOU		SIUSLAW		UMATILLA	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	8	32,897	0	--	0	--	8	26,356	11	198,116
1973	0	--	0	--	22	92,199	0	--	17	94,680	14	72,701	5	22,400
1974	0	--	3	19,000	12	78,990	28	98,752	12	52,775	34	174,471	11	74,710
1975	3	39,550	2	21,000	8	53,842	24	143,665	22	59,331	26	201,478	5	28,620
1976	3	19,270	2	9,300	5	45,579	18	46,254	7	22,335	17	118,763	6	23,110
1977	0	--	1	11,500	2	30,926	25	100,807	14	58,980	17	91,027	7	31,100
1978	5	34,300	0	--	6	44,615	47	174,251	13	62,300	39	231,303	0	--
1979	3	23,500	7	20,105	12	106,105	50	118,818	2	270	16	120,834	4	35,500
1980	1	7,700	2	10,600	12	69,100	31	123,125	7	29,510	7	45,137	3	18,200
1981	5	35,000	2	13,100	6	58,500	54	168,580	24	78,733	44	201,038	7	36,936
1982	3	1,100	3	15,750	4	1,860	26	85,272	33	45,719	44	94,808	1	150
1983--														
1st qtr.	0	--	0	--	1	140	2	990	4	25,440	6	904	2	5,400
2d qtr.	0	--	0	--	1	330	19	37,665	5	2,900	3	576	2	10,100
3d qtr.	2	640	0	--	1	1,740	21	41,780	3	1,175	4	711	1	16,900
4th qtr.														

1983 total

YEAR AND QUARTER	UMPQUA		WALLOWA-WHITMAN		WENATCHEE		WILLAMETTE		WINEMA		ALL FORESTS	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	0	--	0	--	50	341,809
1973	0	--	8	77,400	0	--	7	58,510	5	22,460	92	484,690
1974	22	124,807	0	--	0	--	7	61,520	5	35,550	195	1,060,627
1975	29	146,668	0	--	2	17,400	10	137,810	9	69,600	194	1,271,634
1976	21	55,093	0	--	0	--	19	121,100	5	38,040	118	603,565
1977	29	128,705	0	--	0	--	48	174,585	8	35,110	207	1,148,159
1978	29	125,330	0	--	0	--	33	177,660	13	60,006	225	1,195,958
1979	35	169,212	0	--	5	23,100	53	146,366	6	59,050	266	1,045,391
1980	31	166,650	7	1,799	4	18,000	83	197,229	4	30,400	281	930,670
1981	49	119,185	16	79,375	9	41,760	63	137,827	8	69,900	366	1,179,698
1982	36	91,800	10	36,860	7	17,812	80	73,989	7	61,400	342	639,566
1983--												
1st qtr.	5	1,730	0	--	2	10,500	15	10,838	0	--	50	85,507
2d qtr.	2	820	0	--	2	9,450	13	36,063	0	--	64	112,986
3d qtr.	1	305	3	1,907	6	13,870	4	8,065	1	4,000	81	139,106
4th qtr.												

1983 total

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

¹July 1, 1974, Colville National Forest in Washington became part of the Pacific Northwest Region.²July 1, 1974, Snoqualmie National Forest was merged with the Mount Baker National Forest.

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, third quarter 1983. Resour. Bull. PNW-110. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1984. 57 p.

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Keywords: Forestry business economics, lumber prices, plywood prices, timber volume, stumpage prices, employment (forest products industries), marketing, (forest products), import/export (forest products), markets (external), economics (forestry business).

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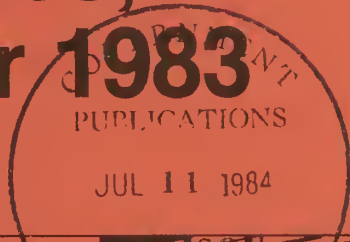
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Production, Prices, Employment, and Trade in Northwest Forest Industries, Fourth Quarter 1983

Florence K. Ruderman



ABSTRACT

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PREFACE

This quarterly 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.

Historical data for the years before 1969 are in the 1979 issues of "Production, Prices, Employment, and Trade in Northwest Forest Industries."

Cooperation in supplying data has been received from the following sources: the U.S. Department of Agriculture, Forest Service, Forest Resources Economics Research Staff in Washington, D.C.; 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 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.

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TABLES INCLUDED IN THIS SERIES OF REPORTS, FREQUENCY OF PUBLICATION,
AND MOST RECENT QUARTER PUBLISHED

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
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Montana and Idaho timber harvest by ownership, 1972-82	A	Third quarter 1983
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Alaska timber harvest on public lands, by ownership, 1972-82	A	Third quarter 1983

^{1/}A: Published annually as data become available.
 B: Published biannually as data become available.
 P: Published periodically as data become available.
 Q: Published quarterly as data become available.

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
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Volume and average value of softwood log exports to Canada from the Montana Customs District, 1972-83	Q	Current, Table 16
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TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency</u> ^{1/}	<u>Most recent quarter</u>
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Douglas-fir Sawmill log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
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White fir log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983
Sitka spruce log prices, western Washington and northwestern Oregon, 1972-82	A	Second quarter 1983

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency</u> ^{1/}	<u>Most recent quarter</u>
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Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83	Q	Current, Table 35

TABLES INCLUDED IN THIS SERIES OF REPORTS (continued)

<u>Table title</u>	<u>Frequency^{1/}</u>	<u>Most recent quarter</u>
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Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 37
Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83	Q	Current, Table 38
Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83	Q	Current, Table 39
Volume of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 40
Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83	Q	Current, Table 41
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TABLES

Table 1--Softwood lumber production in Western United States by region, and U.S. softwood plywood production, 1972-83

YEAR	SOFTWOOD LUMBER PRODUCTION				U.S. SOFTWOOD PLYWOOD PRODUCTION ³
	TOTAL SOFTWOOD LUMBER	WESTERN WASHINGTON AND WESTERN OREGON ¹	CALIFORNIA REDWOOD REGION	INLAND REGION ²	
	----- Million board feet -----				Million sq ft, 3/8-inch basis
1972	21,830	8,983	2,452	10,395	18,324
1973	22,267	9,074	2,629	10,564	18,305
1974	19,425	7,777	2,675	8,973	15,878
1975	17,773	7,134	2,194	8,445	16,050
1976	20,611	8,322	2,500	9,789	18,440
1977	21,558	8,796	2,453	10,309	19,677
1978	20,780	8,845	1,902	10,033	19,936
1979	20,045	8,427	1,838	9,780	20,022
1980	16,045	6,815	1,617	7,613	16,573
1981	15,004	6,339	1,455	7,210	17,073
1982	13,851R	5,174R	1,342R	6,735R	17,150
1983--					
January	1,406	642	163	601	1,598
February	1,395	612	147	636	1,557
March	1,551	696	144	711	1,848
Total, 1st quarter	4,352	1,950	454	1,948	5,003
April	1,516	682	121	713	1,703
May	1,546	693	131	722	1,799
June	1,560	644	149	767	1,659E
Total, 2d quarter	4,622	2,019	401	2,202	5,161E
July	1,445	613	127	705	1,629
August	1,495	583	128	784	1,926
September	1,581	671	121	789	1,839
Total, 3d quarter	4,521	1,867	376	2,278	5,394
October	1,578	676	138	764	1,837
November	1,369	581	122	666	1,771
December	1,356	552	113	691	1,760
Total, 4th quarter	4,303	1,809	373	2,121	5,368
1983 total	17,798	7,645	1,604	8,549	20,926
	----- -4th quarter 1983 change, in percent -----				
From--					
3d quarter 1983	-4.8	-3.1	-.8	-6.9	-.5
4th quarter 1982	26.1R	25.4R	31.8R	25.7R	15.5
	----- Year 1983 change, in percent -----				
From year 1982	28.5R	32.4R	19.5R	26.9R	22.0

Source--Western Wood Products Association, Portland, Oregon (western Washington and western Oregon and inland region), National Forest Products Association, Washington, D.C. (California redwood region), and American Plywood Association, Tacoma, Washington (U.S. softwood plywood data).

¹Includes small amounts of hardwood.

²Inland region includes eastern Washington, eastern Oregon, California (except redwood region), Nevada, Idaho, Montana, Wyoming, Utah, Colorado, Arizona, New Mexico, and a portion of South Dakota.

³Data for 1974 and 1975 are based in part on sampling.

R = revised.

Table 2--Wholesale prices of selected lumber products, 1972-83

(In dollars per thousand board feet)

YEAR	DOUGLAS-FIR STD. AND BTR., 2 BY 4 RL, 8/12', KD, NET, F.O.B. MILL	PONDEROSA PINE BOARDS, NO. 3, 1 BY 12 RL, KO, 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', KO, NET, F.O.B. MILL	SPRUCE-PINE-FIR STD. AND BTR., 2 BY 4 RL, 8/20', KD, NET, F.O.B. MILL
1972	136.00	140.00	177.00	139.00	126.00
1973	177.00	189.00	233.00	173.00	152.00
1974	144.00	162.00	247.00	136.00	120.00
1975	148.00	144.00	205.00	144.00	117.00
1976	178.00	188.00	318.00	169.00	151.00
1977	213.00	229.00	380.00	202.00	173.00
1978	241.00	263.00	459.00	238.00	209.00
1979	260.00	309.00	479.00	201.00	225.00
1980	209.00	296.00	478.00	201.00	168.00
1981	190.00	296.00	483.00	181.00	158.00
1982	167.00	253.00	357.00	160.00	141.00
1983--					
January	230.00	263.00	459.00	212.00	140.00
February	228.00	272.00	521.00	208.00	174.00
March	226.00	250.00	554.00	213.00	181.00
Average, 1st quarter	228.00	262.00	515.00	211.00	180.00
April	229.00	251.00	594.00	225.00	185.00
May	240.00	258.00	599.00	234.00	225.00
June	254.00	272.00	586.00	248.00	238.00
Average, 2d quarter	241.00	260.00	593.00	236.00	216.00
July	250.00	244.00	575.00	235.00	207.00
August	213.00	225.00	584.00	192.00	170.00
September	194.00	218.00	590.00	183.00	158.00
Average, 3d quarter	219.00	229.00	583.00	203.00	178.00
October	202.00	253.00	592.00	206.00	167.00
November	194.00	278.00	595.00	197.00	162.00
December	205.00	311.00	595.00	201.00	170.00
Average, 4th quarter	200.00	281.00	594.00	201.00	167.00
1983 average	222.00	258.00	571.00	213.00	185.00
----- 4th quarter 1983 change, in percent -----					
From--					
3d quarter 1983	-8.7	22.7	1.9	-1.0	-6.2
4th quarter 1982	17.6	28.9R	57.1R	16.2	7.7R
----- Year 1983 change, in percent -----					
From 1982	32.9	2.0R	59.9R	33.1	31.2R

Source--Random Lengths Publications, Inc.

R = revised.

Table 3--Wholesale prices of selected softwood plywood products, 1972-83

(In dollars per thousand square feet)

YEAR	SHEATHING, WESTERN EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SHEATHING, SOUTHERN (WEST) ^{1/} EXTERIOR, 3/8-INCH, CD, NET F.O.B. MILL	SANDED, WESTERN INTERIOR, 1/4-INCH, AD, NET F.O.B. MILL
1972	92.00	93.00	101.00
1973	107.00	100.00	127.00
1974	92.00	94.00	140.00
1975	99.00	95.00	146.00
1976	127.00	125.00	160.00
1977	157.00	159.00	183.00
1978	169.00	174.00	214.00
1979	164.00	156.00	221.00
1980	155.00	155.00	211.00
1981	148.00	140.00	203.00
1982	135.00	139.00	185.00
1983--			
January	158.00	162.00	174.00
February	157.00	162.00	178.00
March	152.00	164.00	179.00
Average, 1st quarter	156.00	163.00	177.00
April	150.00	158.00	182.00
May	155.00	163.00	189.00
June	162.00	172.00	196.00
Average, 2d quarter	156.00	164.00	189.00
July	159.00	166.00	189.00
August	146.00	152.00	174.00
September	150.00	149.00	169.00
Average, 3d quarter	152.00	156.00	177.00
October	154.00	151.00	172.00
November	150.00	146.00	169.00
December	154.00	149.00	176.00
Average, 4th quarter	153.00	149.00	172.00
1983 average	154.00	158.00	179.00
- - - - - 4th quarter 1983 change, in percent - - - - -			
From--			
3d quarter 1983	.7	-4.5	-2.8
4th quarter 1982	7.0	2.1	-2.3
- - - - - Year 1983 change, in percent - - - - -			
From 1982	14.1	13.7	-3.2

Source--Random Lengths Publications, Inc.

^{1/} Texas, Louisiana, Arkansas.

Table 4--Employment in forest products industries in Washington, Oregon, and Alaska, 1972-83

(In thousands of persons)

YEAR	WASHINGTON AND OREGON			WASHINGTON			OREGON			ALASKA		
	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	TOTAL	LUMBER AND WOOD PRODUCTS	PULP AND ALLIED PRODUCTS
1972	150.2	122.5	27.7	65.5	47.3	18.2	84.7	75.2	9.5	--	2.8	1/
1973	155.3	127.9	27.4	66.8	49.1	17.7	88.5	78.8	9.7	--	2.3	2/
1974	152.1	124.5	27.6	67.3	49.7	17.6	84.8	74.8	10.0	--	2.5	2/
1975	137.2	110.8	26.4	60.4	43.8	16.6	76.8	67.0	9.8	--	2.0	2/
1976	150.9	123.4	27.5	68.4	51.0	17.4	82.5	72.4	10.1	3.4	2.3	1.1
1977	159.2	131.4	27.8	71.6	53.9	17.7	87.6	77.5	10.1	3.6	2.2	1.4
1978	159.3	136.5	22.8	69.1	55.1	14.0	90.2	81.4	8.8	2.9	1.8	1.1
1979	159.0	133.4	25.6	68.4	52.6	15.8	90.6	80.8	9.8	3.0	2.0	1.0
1980	144.1	116.1	28.0	64.1	46.5	17.6	80.0	69.6	10.4	3.4	2.3	1.1
1981	135.6	108.1	27.5	61.6	44.4	17.2	74.0	63.7	10.3	2.8	1.9	.9
1982	120.4	94.5	25.9	55.2	39.0	16.2	65.2	55.5	9.7	2.6	1.8	.8
1983--												
January	120.0	94.9	25.1	54.6	38.8	15.8	65.4	56.1	9.3	1.9	1.1	.8
February	122.6	97.7	24.9	55.3	39.7	15.6	67.3	58.0	9.3	2.2	1.4	.8
March	124.5	99.8	24.7	56.2	40.7	15.5	68.3	59.1	9.2	2.6	1.8	.8
Average, 1st quarter	122.3	97.4	24.9	55.3	39.7	15.6	67.0	57.7	9.3	2.2	1.4	.8
April	126.5	101.5	25.0	57.3	41.6	15.7	69.2	59.9	9.3	2.8	2.2	.6
May	128.5	103.5	25.0	57.9	42.2	15.7	70.6	61.3	9.3	3.3	2.5	.8
June	133.6	108.0	25.6	59.6	43.6	16.0	74.0	64.4	9.6	3.3	2.5	.8
Average, 2d quarter	129.6	104.4	25.2	58.3	42.5	15.8	71.3	61.9	9.4	3.1	2.4	.7
July	135.3	109.3	26.0	60.3	44.0	16.3	75.0	65.3	9.7	3.2	2.4	.8
August	134.9	108.9	26.0	59.2	42.9	16.3	75.7	66.0	9.7	3.2	2.3	.9
September	134.6	109.0	25.6	59.5	43.3	16.2	75.1	65.7	9.4	3.2	2.3	.9
Average, 3d quarter	135.0	109.1	25.9	59.7	43.4	16.3	75.3	65.7	9.6	3.2	2.3	.9
October	133.0	107.5	25.5	58.5	42.3	16.2	74.5	65.2	9.3	2.5	1.8	.7
November	129.9	104.4	25.5	56.8	40.9	15.9	73.1	63.5	9.6	2.2	1.5	.7
December	128.5	103.2	25.3	55.8	40.0	15.8	72.7	63.2	9.5	2.0	1.3	.7
Average, 4th quarter	130.4	105.0	25.4	57.0	41.0	16.0	73.4	64.0	9.4	2.2	1.5	.7
1983 average	129.3	104.0	25.3	57.6	41.7	15.9	71.7	62.3	9.4	2.7	1.9	.8
- - - - - 4th quarter 1983 change in employment - - - - -												
From--												
3d quarter 1983	-4.6	-4.1	-.5	-2.7	-2.4	-.3	-1.9	-1.7	-.2	-1.0	-.8	-.2
4th quarter 1982	9.3R	9.4R	-.1	2.3R	2.3R	0	7.0R	7.1R	-.1R	0	.1	-.1
- - - - - Year 1983 change in employment - - - - -												
From year 1982	8.9	9.5	-.6	2.4	2.7	-.3	6.5	6.8	-.3	.1	.1	0

Source--State employment agencies. Includes both covered and noncovered employment. The lumber and wood products industry includes logging, lumber, plywood, poles and piling, and miscellaneous wood products (excludes furniture). The paper and allied products industry includes pulp, paper, paperboard, and building board products. Since April 1974, employment data have been based on place of residence.

¹Before 1973, data for the pulp and allied products industry are included in the lumber and wood products industry.

²Withheld to avoid disclosure.

R = revised.

Table 5--Employment in forest products industries in California, 1972-83
(In thousands of persons)

YEAR	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	90.3	52.4	37.9
1973	90.2	54.1	36.1
1974	88.2	50.9	37.3
1975	87.3	52.8	34.5
1976	96.6	59.9	36.7
1977	104.2	66.6	37.6
1978	107.1	69.9	37.2
1979	107.8	68.7	39.1
1980	101.3	62.6	38.7
1981	96.6	57.9	38.7
1982	83.7	46.2	37.5
1983--			
January	79.2	42.8	36.4
February	80.4	44.0	36.4
March	73.1	36.4	36.7
<hr/>			
Average, 1st quarter	77.6	41.1	36.5
April	83.0	46.6	36.4
May	86.1	49.3	36.8
June	90.1	52.6	37.5
<hr/>			
Average, 2d quarter	86.4	49.5	36.9
July	92.8	54.8	38.0
August	93.8	55.9	37.9
September	95.3	57.0	38.3
<hr/>			
Average, 3d quarter	94.0	55.9	38.1
October			
November			
December			
<hr/>			
Average, 4th quarter			
1983 average			
<hr/>			
- - - - 3d quarter 1983 change in employment - - - -			
From--			
2d quarter 1983	7.6	6.4	1.2
3d quarter 1982	7.7	7.2	.5

Source--State of California, Department of Employment. Since April 1974, data have been based on place of residence.

Table 6--Employment in forest products industries in Montana and Idaho, 1972-83

(In thousands of persons)

YEAR	MONTANA			IDAHO	
	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS	TOTAL	LUMBER AND WOOD PRODUCTS	PAPER AND ALLIED PRODUCTS
1972	9.2	<u>1/</u>	15.2	14.1	1.1
1973	9.8	<u>1/</u>	16.3	15.1	1.2
1974	9.5	<u>1/</u>	15.7	14.6	1.1
1975	8.1	<u>1/</u>	16.8	15.7	1.1
1976	9.1	<u>1/</u>	18.6	17.4	1.2
1977	9.3	<u>1/</u>	19.0	17.8	1.2
1978	10.7	<u>1/</u>	20.1	18.8	1.3
1979	11.1	<u>1/</u>	19.9	18.5	1.4
1980	8.7	<u>1/</u>	17.5	16.1	1.4
1981	8.8	<u>1/</u>	16.6	15.1	1.5
1982	6.8R	<u>1/</u>	13.6	12.1	1.5
1983--					
January	7.5R	<u>1/</u>	13.3R	11.8R	1.5
February	7.8R	<u>1/</u>	13.5R	12.0R	1.5
March	7.5R	<u>1/</u>	13.0R	11.5R	1.5
Average, 1st quarter	7.6R	<u>1/</u>	13.3R	11.8R	1.5
April	7.7R	<u>1/</u>	13.6	12.1	1.5
May	7.8R	<u>1/</u>	14.8	13.3	1.5
June	8.2R	<u>1/</u>	16.1	14.6	1.5
Average, 2d quarter	7.9R	<u>1/</u>	14.8	13.3	1.5
July	8.3R	<u>1/</u>	16.6	15.1	1.5
August	8.4R	<u>1/</u>	17.7	16.1	1.6
September	8.2R	<u>1/</u>	17.6	16.0	1.6
Average, 3d quarter	8.3R	<u>1/</u>	17.3	15.7	1.6
October	8.2	<u>1/</u>	17.1	15.5	1.6
November	8.1	<u>1/</u>	16.7	15.0	1.7
December	7.9	<u>1/</u>	16.0	14.4	1.6
Average, 4th quarter	8.1	<u>1/</u>	16.6	15.0	1.6
1983 average	8.0	<u>1/</u>	15.6	14.0	1.6
- - - - - 4th quarter 1983 change in employment - - - - -					
From--					
3d quarter 1983	-.2R	--	-.7	-.7	0
4th quarter 1982	1.3	--	2.6R	2.5R	.1
- - - - - Year 1983 change in employment - - - - -					
From year 1982	1.2R	--	2.0	1.9	.1

Source--State employment agencies. Since April 1974, employment data have been based on place of residence.

1/Withheld to avoid disclosing figures for individual companies.

R = revised.

Table 7--Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	2,637,148	767,496	36,907	1,832,745	1,907,235	566,487	1,340,748	729,913	201,009	36,907	491,997
1973	2,639,210	864,474	20,966	1,753,770	1,833,293	555,324	1,277,969	805,917	309,150	20,966	475,801
1974	2,189,367	715,514	17,481	1,456,372	1,423,570	404,884	1,018,686	765,797	310,630	17,481	437,686
1975	2,225,487	765,840	24,361	1,435,286	1,427,387	437,290	990,097	798,100	328,550	24,361	445,189
1976	2,737,074	945,649	26,576	1,764,849	1,792,944	527,889	1,265,055	944,130	417,760	26,576	499,794
1977	2,555,615	966,763	16,721	1,572,131	1,674,860	556,419	1,118,441	880,755	410,344	16,721	453,690
1978	2,847,394	1,139,267	24,493	1,683,634	1,915,979	619,500	1,296,479	931,415	519,767	24,493	387,155
1979	3,233,652	1,309,179	22,693	1,901,780	2,249,963	732,392	1,517,571	983,689	576,787	22,693	384,209
1980	2,631,817	1,262,210	12,300	1,357,307	1,699,138	645,073	1,054,065	932,679	617,137	12,300	303,242
1981	1,987,159	1,017,154	15,520	954,485	1,315,882	579,034	736,848	671,277	438,120	15,520	217,637
1982--											
1st qtr.	637,603	339,716	3,725	294,162	405,752	179,234	226,518	231,851	160,482	3,725	67,644
2d qtr.	610,403	365,318	2,731	242,354	349,134	171,695	177,439	261,269	193,623	2,731	64,915
3d qtr.	704,696	392,460	1,704	310,532	446,910	201,785	245,125	257,786	190,675	1,704	65,407
4th qtr.	614,942	330,341	3,139	281,462	394,997	177,130	217,867	219,945	153,211	3,139	63,595
1982 total	2,567,644	1,427,835	11,299	1,128,510	1,596,793	729,844	866,949	970,851	697,991	11,299	261,561
1983--											
1st qtr.	577,494	305,497	1,963	270,034	401,147	181,023	220,124	176,347	124,474	1,963	49,910
2d qtr.	609,927	333,481	1,486	274,960	412,019	187,493	224,526	197,908	145,988	1,486	50,434
3d qtr.	762,363	416,444	3,063	342,856	514,979	239,157	275,822	247,384	177,287	3,063	67,034
4th qtr.	641,735	362,296	2,420	277,019	411,631	188,626	223,005	230,104	173,670	2,420	54,014
1983 total	2,591,519	1,417,718	8,932	1,164,869	1,739,776	796,299	943,477	851,743	621,419	8,932	221,392
TO JAPAN											
1972	2,391,163	692,308	36,907	1,661,948	1,678,846	496,201	1,182,645	712,317	196,107	36,907	479,303
1973	2,455,485	822,160	20,966	1,612,359	1,663,203	520,373	1,142,830	792,282	301,787	20,966	469,529
1974	1,975,575	638,225	17,342	1,320,008	1,237,653	341,890	895,763	737,922	296,335	17,342	424,245
1975	2,014,244	732,264	24,361	1,257,619	1,255,817	410,721	845,096	758,427	321,543	24,361	412,523
1976	2,547,037	901,911	24,573	1,620,553	1,623,064	491,451	1,131,613	923,973	410,460	24,573	488,940
1977	2,348,325	933,813	16,721	1,397,791	1,496,627	526,255	970,372	851,698	407,558	16,721	427,419
1978	2,521,885	1,103,562	22,814	1,395,509	1,630,247	589,654	1,040,593	891,638	513,908	22,814	354,916
1979	2,959,726	1,279,177	20,611	1,659,938	1,998,315	705,921	1,292,394	961,411	573,256	20,611	367,544
1980	2,344,322	1,175,407	12,300	1,156,615	1,488,494	602,605	885,889	855,828	572,802	12,300	270,726
1981	1,603,941	846,474	15,495	741,972	1,003,391	452,724	550,667	600,550	393,750	15,495	191,305
1982--											
1st qtr.	490,917	279,704	3,725	207,488	287,202	133,825	153,377	203,715	145,879	3,725	54,111
2d qtr.	344,717	196,034	2,731	145,952	189,154	85,725	103,429	155,563	110,309	2,731	42,523
3d qtr.	474,753	281,511	1,677	191,565	271,741	131,830	139,911	203,012	149,681	1,677	51,654
4th qtr.	427,800	233,385	3,139	191,276	244,806	106,269	138,537	182,994	127,116	3,139	52,739
1982 total	1,738,187	990,634	11,272	736,281	992,903	457,649	535,254	745,284	532,985	11,272	201,027
1983--											
1st qtr.	409,186	214,008	1,963	193,215	252,587	102,641	149,946	156,599	111,367	1,963	43,269
2d qtr.	418,508	241,044	1,486	175,978	253,590	122,555	131,035	164,918	118,489	1,486	44,943
3d qtr.	400,394	230,422	3,063	166,909	228,968	112,900	116,068	171,426	117,522	3,063	50,841
4th qtr.	363,198	210,242	2,420	150,536	198,539	92,341	106,198	164,659	117,901	2,420	44,338
1983 total	1,591,286	895,716	8,932	686,638	933,684	430,437	503,247	657,602	465,279	8,932	183,391

Table 7-Softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES			FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT				
	TOTAL	OOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS	TOTAL	OOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	OOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS
TO CANADA											
1972	170,582	43,294	--	127,288	159,359	43,294	116,065	11,223	--	--	11,223
1973	72,164	22,265	--	49,899	72,164	22,265	49,899	--	--	--	--
1974	73,664	39,060	--	34,604	73,664	39,060	34,604	--	--	--	--
1975	58,506	16,793	--	41,713	58,506	16,793	41,713	--	--	--	--
1976	48,289	14,803	--	33,486	48,289	14,803	33,486	--	--	--	--
1977	15,698	9,531	--	6,167	15,698	9,531	6,167	--	--	--	--
1978	12,638	9,361	--	3,277	12,638	9,361	3,277	--	--	--	--
1979	24,124	7,737	--	16,387	24,124	7,737	16,387	--	--	--	--
1980	985	395	--	590	985	395	590	--	--	--	--
1981	1,332	392	--	940	1,332	392	940	--	--	--	--
1982--											
1st qtr.	2,528	463	--	2,065	2,528	463	2,065	--	--	--	--
2d qtr.	1,973	48	--	1,925	1,973	48	1,925	--	--	--	--
3d qtr.	129	40	--	89	129	40	89	--	--	--	--
4th qtr.	127	84	--	43	127	84	43	--	--	--	--
1982 total	4,757	635	--	4,122	4,757	635	4,122	--	--	--	--
1983--											
1st qtr.	120	--	--	120	120	--	120	--	--	--	--
2d qtr.	3,014	397	--	2,617	3,014	397	2,617	--	--	--	--
3d qtr.	50	--	--	50	50	--	50	--	--	--	--
4th qtr.	2,032	--	--	2,032	2,032	--	2,032	--	--	--	--
1983 total	5,216	397	--	4,819	5,216	397	4,819	--	--	--	--
TO SOUTH KOREA											
1972	47,554	4,419	--	43,135	46,304	4,419	41,885	1,250	--	--	1,250
1973	101,929	15,175	--	86,754	96,680	12,063	84,617	5,249	3,112	--	2,137
1974	137,665	36,308	--	101,357	111,580	23,378	88,202	26,085	12,930	--	13,155
1975	79,022	13,946	--	65,076	42,100	9,100	33,000	36,922	4,846	--	32,076
1976	130,069	26,454	--	103,615	117,007	21,068	95,939	13,062	5,386	--	7,676
1977	187,967	21,201	--	166,766	162,252	20,418	141,834	25,715	7,783	--	24,932
1978	307,865	24,844	--	283,021	271,887	20,426	251,461	35,978	4,418	--	31,560
1979	245,314	20,342	--	224,972	227,072	18,653	208,419	18,242	1,689	--	16,553
1980	191,387	11,796	--	179,591	163,988	9,549	154,439	27,399	2,247	--	25,152
1981	147,833	10,919	--	136,914	132,675	9,333	123,342	15,158	1,586	--	13,572
1982--											
1st qtr.	58,840	4,644	--	54,196	50,669	4,544	46,125	8,171	100	--	8,071
2d qtr.	51,309	5,905	--	45,404	38,136	2,737	35,399	13,173	3,168	--	10,005
3d qtr.	68,273	7,784	--	60,489	66,427	7,784	58,643	1,846	--	--	1,846
4th qtr.	76,314	9,476	--	66,838	64,894	8,776	56,118	11,420	700	--	10,720
1982 total	254,736	27,809	--	226,927	220,126	23,841	196,285	34,610	3,968	--	30,642
1983--											
1st qtr.	60,064	2,551	--	57,513	53,230	2,358	50,872	6,834	193	--	6,641
2d qtr.	79,983	11,588	--	68,395	74,359	11,407	62,952	5,624	181	--	5,443
3d qtr.	81,133	2,245	--	78,888	72,394	730	71,664	8,739	1,515	--	7,224
4th qtr.	64,458	3,004	--	61,454	59,385	1,911	57,474	5,073	1,093	--	3,980
1983 total	285,638	19,388	--	266,250	259,368	16,406	242,962	26,270	2,982	--	23,288
TO MAINLAND CHINA											
1980	87,785	69,901	--	17,884	43,271	31,884	11,387	44,514	38,017	--	6,497
1981	219,237	149,592	--	69,645	170,779	111,058	59,721	48,458	38,534	--	9,924
1982--											
1st qtr.	79,715	53,813	--	25,902	60,090	39,523	20,567	19,625	14,290	--	5,335
2d qtr.	203,944	157,466	--	46,478	117,366	82,557	34,809	86,578	74,909	--	11,669
3d qtr.	143,635	95,143	--	48,492	98,120	61,115	37,005	45,515	34,028	--	11,487
4th qtr.	105,808	83,625	--	22,183	83,186	61,003	22,183	22,622	22,622	--	--
1982 total	533,102	390,047	--	143,055	358,762	244,198	114,564	174,340	145,849	--	28,491
1983--											
1st qtr.	104,596	86,035	--	18,561	94,305	75,744	18,561	10,291	10,291	--	--
2d qtr.	106,859	78,958	--	27,901	79,999	52,098	27,901	26,860	26,860	--	--
3d qtr.	280,401	183,392	--	97,009	213,563	125,523	88,040	66,838	57,869	--	8,969
4th qtr.	207,384	148,635	--	58,749	147,551	94,211	53,340	59,833	54,424	--	5,409
1983 total	699,240	497,020	--	202,220	535,418	347,576	187,842	163,822	149,444	--	14,378

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 8--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES			FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT				
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	358,713	101,467	12,089	245,157	252,839	73,175	179,664	105,874	28,292	12,089	65,493
1973	694,602	209,417	15,451	469,734	449,902	120,796	329,106	244,700	88,621	15,451	140,628
1974	612,521	194,137	17,556	400,828	364,962	103,586	271,376	237,559	90,551	17,556	129,452
1975	603,854	202,377	16,758	384,759	376,706	111,919	264,787	227,148	90,418	16,758	119,972
1976	775,113	266,523	20,086	488,504	490,246	141,989	348,257	284,867	124,534	20,087	140,247
1977	826,698	311,269	17,049	498,380	526,412	171,541	354,871	300,286	139,728	17,049	143,509
1978	992,207	413,645	24,923	553,639	637,818	212,305	425,513	354,389	201,340	24,923	128,126
1979	1,408,036	624,090	24,419	831,527	991,513	331,874	659,639	488,523	292,216	24,419	171,188
1980	1,308,858	634,898	16,596	657,364	835,524	317,744	517,780	473,334	317,154	16,596	139,584
1981	882,942	476,653	24,911	381,378	565,564	266,847	298,717	317,378	209,806	24,911	82,661
1982--											
1st qtr.	275,679	160,428	6,754	108,497	165,812	81,897	83,915	109,867	78,531	6,754	24,582
2d qtr.	253,213	159,501	5,520	88,192	140,278	74,411	65,867	112,935	85,090	5,520	22,325
3d qtr.	268,515	157,621	2,713	108,181	164,645	79,637	85,008	103,870	77,984	2,713	23,713
4th qtr.	217,502	122,704	3,732	91,066	134,354	63,579	70,775	83,148	59,125	3,732	20,291
1982 total	1,014,909	600,254	18,719	395,936	605,089	299,524	305,565	409,820	300,730	18,719	90,371
1983--											
1st qtr.	195,146	105,276	2,847	87,023	130,221	59,513	70,708	64,925	45,763	2,847	16,315
2d qtr.	209,168	117,059	1,905	90,204	138,401	64,817	73,584	70,767	52,242	1,905	16,620
3d qtr.	263,851	148,529	3,679	111,643	171,681	82,611	89,070	92,170	65,918	3,679	22,573
4th qtr.	224,271	129,314	2,576	92,381	140,215	65,370	74,845	84,056	63,944	2,576	17,536
1983 total	892,436	500,178	11,007	381,251	580,518	272,311	308,207	311,918	227,867	11,007	73,044
TO JAPAN											
1972	335,703	94,210	12,089	229,404	231,593	66,800	164,793	104,110	27,410	12,089	64,611
1973	664,363	201,944	15,451	446,968	422,715	115,022	307,693	241,648	86,922	15,451	139,275
1974	569,494	177,961	17,500	374,033	338,296	90,400	247,896	231,198	87,561	17,500	126,137
1975	560,754	195,469	16,758	348,527	341,885	107,149	234,736	218,869	88,320	16,758	113,791
1976	734,412	256,673	17,918	459,821	457,248	134,894	322,354	277,164	121,779	17,918	137,467
1977	776,630	303,248	17,049	456,333	484,006	164,626	319,380	292,624	138,622	17,049	136,953
1978	908,627	404,134	22,763	481,730	566,494	204,832	361,662	342,133	199,302	22,763	120,068
1979	1,387,602	612,160	22,271	753,171	910,338	323,034	587,304	477,264	289,126	22,271	165,867
1980	1,190,875	593,484	16,596	580,795	750,369	297,359	453,010	440,506	296,125	16,596	127,785
1981	740,943	404,395	24,889	311,659	451,171	213,444	237,727	289,772	190,951	24,889	73,932
1982--											
1st qtr.	223,023	134,435	6,754	81,834	123,575	62,238	61,337	99,448	72,197	6,754	20,497
2d qtr.	148,450	87,432	5,520	55,498	77,612	37,512	40,100	70,838	49,920	5,520	15,398
3d qtr.	187,946	114,656	2,673	70,617	104,744	52,556	52,188	83,202	62,100	2,673	18,429
4th qtr.	156,924	88,162	3,732	65,030	86,116	38,532	47,584	70,808	49,630	3,732	17,446
1982 total	716,343	424,685	18,679	272,979	392,047	190,838	201,209	324,296	233,847	18,679	71,770
1983--											
1st qtr.	146,567	77,446	2,847	66,274	87,522	35,794	51,728	59,045	41,652	2,847	14,546
2d qtr.	152,519	88,469	1,905	62,145	91,862	44,781	47,081	60,657	43,688	1,905	15,064
3d qtr.	147,765	85,702	3,679	58,384	82,897	41,772	41,125	64,868	43,930	3,679	17,259
4th qtr.	136,197	79,554	2,576	54,067	73,844	34,324	39,520	62,353	45,230	2,576	14,547
1983 total	583,048	331,171	11,007	240,870	336,125	156,671	179,454	246,923	174,500	11,007	61,416

Table 8--Value of softwood log exports from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In thousand dollars)

YEAR AND QUARTER	FROM BOTH STATES			FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT				
	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	TOTAL	DOUGLAS-FIR	PORT-ORFORD-CEOAR	OTHER SOFTWOODS
TO CANADA											
1972	14,041	2,984	--	11,057	13,349	2,984	10,365	692	--	--	692
1973	9,593	2,900	--	6,693	9,593	2,900	6,693	--	--	--	--
1974	13,821	8,239	--	5,582	13,821	8,239	5,582	--	--	--	--
1975	8,313	2,937	--	5,376	8,313	2,937	5,376	--	--	--	--
1976	7,908	2,733	--	5,175	7,908	2,733	5,175	--	--	--	--
1977	3,545	2,154	--	1,391	3,545	2,154	1,391	--	--	--	--
1978	2,933	2,129	--	804	2,933	2,129	804	--	--	--	--
1979	7,223	2,435	--	4,788	7,223	2,435	4,788	--	--	--	--
1980	323	133	--	190	323	133	190	--	--	--	--
1981	463	173	--	290	463	173	290	--	--	--	--
1982--											
1st qtr.	487	58	--	429	487	58	429	--	--	--	--
2d qtr.	472	23	--	449	472	23	449	--	--	--	--
3d qtr.	47	19	--	28	47	19	28	--	--	--	--
4th qtr.	62	37	--	25	62	37	25	--	--	--	--
1982 total	1,068	137	--	931	1,068	137	931	--	--	--	--
1983--											
1st qtr.	42	--	--	42	42	--	42	--	--	--	--
2d qtr.	734	55	--	679	734	55	679	--	--	--	--
3d qtr.	21	--	--	21	21	--	21	--	--	--	--
4th qtr.	249	--	--	249	249	--	249	--	--	--	--
1983 total	1,046	55	--	991	1,046	55	991	--	--	--	--
TO SOUTH KOREA											
1972	5,094	469	--	4,625	4,939	469	4,470	155	--	--	155
1973	18,506	3,468	--	15,038	17,290	2,725	14,565	1,216	743	--	473
1974	28,225	7,303	--	20,922	22,552	4,714	17,838	5,673	2,589	--	3,084
1975	14,757	2,688	--	12,069	7,912	1,648	6,264	6,845	1,040	--	5,805
1976	27,546	5,664	--	21,882	24,400	4,350	20,050	3,146	1,315	--	1,831
1977	44,949	4,811	--	40,138	38,738	4,672	34,066	6,211	139	--	6,072
1978	76,839	6,392	--	70,447	67,974	5,333	62,641	8,865	1,059	--	7,806
1979	80,173	6,982	--	73,191	73,751	6,378	67,373	6,422	604	--	5,818
1980	71,675	4,116	--	67,559	62,108	3,279	58,829	9,567	837	--	8,730
1981	47,481	4,027	--	43,454	43,048	3,513	39,535	4,433	514	--	3,919
1982--											
1st qtr.	18,579	1,850	--	16,729	16,070	1,786	14,284	2,509	64	--	2,445
2d qtr.	16,135	1,911	--	14,224	12,406	1,197	11,209	3,729	714	--	3,015
3d qtr.	20,701	2,599	--	18,102	20,166	2,599	17,567	535	--	--	535
4th qtr.	21,000	2,809	--	18,191	18,015	2,554	15,461	2,985	255	--	2,730
1982 total	76,415	9,169	--	67,246	66,657	8,136	58,521	9,758	1,033	--	8,725
1983--											
1st qtr.	16,208	843	--	15,365	14,391	795	13,596	1,817	48	--	1,769
2d qtr.	22,775	3,224	--	19,551	21,177	3,159	18,018	1,598	65	--	1,533
3d qtr.	25,787	616	--	25,171	22,689R	1,77R	22,512	3,098R	4,39R	--	2,659
4th qtr.	20,006	798	--	19,208	18,450	499	17,951	1,556	299	--	1,257
1983 total	84,776	5,481	--	79,295	76,707	4,630	72,077	8,069	851	--	7,218
TO MAINLAND CHINA											
1980	41,433	34,285	--	7,148	21,326	16,692	4,634	20,107	17,593	--	2,514
1981	88,000	63,977	--	24,023	67,639	47,363	20,276	20,361	16,614	--	3,747
1982--											
1st qtr.	31,515	23,577	--	7,938	23,939	17,554	6,385	7,576	6,023	--	1,553
2d qtr.	84,797	67,655	--	17,142	48,870	35,416	13,454	35,927	32,239	--	3,688
3d qtr.	52,757	36,953	--	15,804	35,767	24,076	11,691	16,990	12,877	--	4,113
4th qtr.	38,009	30,514	--	7,495	29,643	22,148	7,495	8,366	8,366	--	--
1982 total	207,078	158,699	--	48,379	138,219	99,194	39,025	68,859	59,505	--	9,354
1983--											
1st qtr.	31,285	26,108	--	5,177	28,007	22,830	5,177	3,278	3,278	--	--
2d qtr.	32,554	24,756	--	7,798	24,254	16,456	7,798	8,300	8,300	--	--
3d qtr.	90,005	61,938	--	28,067	66,071	40,659	25,412	23,934	21,279	--	2,655
4th qtr.	66,614	48,814	--	17,800	46,650	30,504	16,146	19,964	18,310	--	1,654
1983 total	220,458	161,616	--	58,842	164,982	110,449	54,533	55,476	51,167	--	4,309

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. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

R = revised.

Table 9--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	DOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES											
1972	136.02	132.21	327.56	133.76	132.57	129.17	134.00	145.05	140.75	327.56	133.12
1973	263.19	242.25	736.97	267.84	245.41	217.52	257.52	303.63	286.66	736.97	295.56
1974	279.77	271.33	1,004.29	275.22	263.40	255.84	266.40	310.21	291.51	1,004.29	295.76
1975	271.34	264.20	687.90	268.07	263.91	255.94	267.43	284.61	275.20	687.90	269.49
1976	283.19	281.84	755.83	276.80	273.43	268.98	275.29	301.73	298.10	755.83	280.61
1977	323.48	321.97	1,019.62	317.01	314.30	308.29	317.26	340.94	340.51	1,019.62	316.32
1978	348.46	363.08	1,017.56	328.84	332.89	342.70	328.21	380.48	387.37	1,017.56	330.94
1979	435.43	476.70	1,076.06	437.24	440.68	453.14	434.67	496.62	506.62	1,076.06	445.56
1980	497.32	503.00	1,349.27	484.32	491.73	492.57	491.22	507.50	513.91	1,349.27	460.31
1981	444.32	468.61	1,605.09	399.56	429.80	460.85	405.40	472.80	478.88	1,605.09	379.81
1982--											
1st qtr.	432.37	472.24	1,813.25	368.83	408.65	456.93	370.45	473.87	489.35	1,813.25	363.41
2d qtr.	414.83	436.61	2,021.05	363.90	401.79	433.39	371.21	432.26	439.46	2,021.05	343.91
3d qtr.	381.04	401.62	1,591.66	348.37	368.41	394.66	346.80	402.93	408.99	1,591.66	354.29
4th qtr.	353.70	371.45	1,188.76	323.55	340.14	358.94	324.85	378.04	385.91	1,188.76	319.07
1982 average	395.27	420.40	1,656.70	350.88	378.94	410.40	352.46	422.12	430.85	1,656.70	345.51
1983--											
1st qtr.	337.92	344.61	1,450.33	322.27	324.62	328.76	321.22	368.17	367.65	1,450.33	326.88
2d qtr.	342.94	351.02	1,282.24	328.06	335.91	345.70	327.73	357.58	357.85	1,282.24	329.54
3d qtr.	346.10	356.66	1,201.21	325.63	333.37	345.42	322.92	372.58	371.82	1,201.21	336.74
4th qtr.	349.48	356.93	1,064.65	333.48	340.63	346.56	335.62	365.30	368.19	1,064.65	324.65
1983 average	344.37	352.81	1,232.31	327.29	333.67	341.97	326.67	366.21	366.69	1,232.31	329.93
TO JAPAN											
1972	140.39	136.08	327.56	138.03	137.95	134.62	139.34	146.16	139.77	327.56	134.80
1973	270.56	245.63	736.97	277.21	254.16	221.04	269.24	305.00	288.03	736.97	296.63
1974	288.27	278.84	1,009.12	283.36	273.34	264.41	276.74	313.31	295.48	1,009.12	297.32
1975	278.39	266.94	687.90	277.13	272.24	260.88	277.76	288.58	274.68	687.90	275.84
1976	288.34	284.59	729.17	283.74	281.72	274.48	284.86	299.97	296.69	729.17	281.15
1977	330.72	324.74	1,019.62	326.47	323.40	312.83	329.13	343.58	340.13	1,019.62	320.42
1978	360.30	366.21	997.76	345.20	347.49	347.38	347.55	383.71	387.82	997.76	338.30
1979	468.83	478.56	1,080.54	453.73	455.55	457.61	454.43	496.42	504.36	1,080.54	451.28
1980	507.98	504.92	1,349.27	502.15	504.11	493.35	511.36	514.71	516.98	1,349.27	472.01
1981	461.95	477.74	1,606.26	420.04	449.65	471.47	431.71	482.51	484.95	1,606.26	386.46
1982--											
1st qtr.	454.30	480.63	1,813.25	394.40	430.27	465.07	399.91	488.17	494.91	1,813.25	378.79
2d qtr.	430.64	446.01	2,021.05	380.25	410.31	437.58	387.71	455.36	452.55	2,021.05	362.10
3d qtr.	395.88	407.29	1,594.30	368.63	385.45	398.66	373.01	409.84	414.88	1,594.30	356.77
4th qtr.	366.82	377.76	1,188.76	339.98	351.77	362.59	343.47	386.94	390.43	1,188.76	330.81
1982 average	412.12	428.70	1,657.12	370.75	394.85	417.00	375.91	435.13	438.75	1,657.12	357.02
1983--											
1st qtr.	358.19	361.88	1,450.33	343.01	346.50	348.73	344.98	377.05	374.01	1,450.33	336.18
2d qtr.	364.44	367.03	1,282.24	353.14	362.25	365.40	359.30	367.80	368.71	1,282.24	335.17
3d qtr.	369.05	371.93	1,201.21	349.79	362.04	369.99	354.32	378.41	373.81	1,201.21	339.47
4th qtr.	374.99	378.39	1,064.65	359.17	371.94	371.71	372.14	378.63	383.62	1,064.65	328.09
1983 average	366.40	369.73	1,232.31	350.80	360.00	363.98	356.59	375.49	375.04	1,232.31	334.89

Table 9--Average value of softwood logs exported from Washington and Oregon ports, by origin, species, and destination, 1972-83 (continued)

(In dollars per thousand board feet, Scribner scale)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT			FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	OOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS	ALL SPECIES	OOUGLAS-FIR	OTHER SOFTWOODS	ALL SPECIES	OOUGLAS-FIR	PORT-ORFORD-CEDAR	OTHER SOFTWOODS
TO CANADA											
1972	82.31	68.93	--	86.86	83.77	68.93	80.30	61.66	--	--	61.66
1973	132.94	130.26	--	134.14	132.94	130.26	134.14	--	--	--	--
1974	187.62	210.93	--	161.31	187.62	210.93	161.31	--	--	--	--
1975	142.09	174.89	--	128.88	142.09	174.89	128.88	--	--	--	--
1976	163.76	184.62	--	154.54	163.76	184.62	154.54	--	--	--	--
1977	225.82	226.00	--	225.56	225.82	226.00	225.56	--	--	--	--
1978	232.08	227.43	--	245.35	232.08	227.43	245.35	--	--	--	--
1979	299.41	314.72	--	292.78	299.41	314.72	292.18	--	--	--	--
1980	327.92	336.71	--	322.03	327.92	336.71	322.03	--	--	--	--
1981	347.60	441.33	--	308.51	347.60	441.33	308.51	--	--	--	--
1982--											
1st qtr.	192.82	125.96	--	207.82	192.82	125.96	207.82	--	--	--	--
2d qtr.	239.10	474.38	--	233.23	239.10	474.38	233.23	--	--	--	--
3d qtr.	366.17	471.58	--	318.80	366.17	471.58	318.80	--	--	--	--
4th qtr.	487.47	441.27	--	571.86	487.47	441.27	571.86	--	--	--	--
1982 average	224.51	215.75	--	225.86	224.51	215.75	225.86	--	--	--	--
1983--											
1st qtr.	346.55	--	--	346.55	346.55	--	346.55	--	--	--	--
2d qtr.	243.55	137.46	--	259.64	243.55	137.46	259.64	--	--	--	--
3d qtr.	412.10	--	--	412.10	412.10	--	412.10	--	--	--	--
4th qtr.	122.32	--	--	122.32	122.32	--	122.32	--	--	--	--
1983 average	200.35	138.54	--	205.44	200.35	137.46	205.44	--	--	--	--
TO SOUTH KOREA											
1972	107.12	106.10	--	107.22	106.66	106.10	106.72	124.00	--	--	124.00
1973	181.54	228.47	--	173.34	178.83	225.89	172.12	231.52	238.47	--	221.40
1974	205.03	201.12	--	206.43	202.12	201.62	202.26	217.47	200.23	--	234.41
1975	186.74	192.74	--	185.46	187.93	181.10	189.82	185.39	214.61	--	180.98
1976	211.78	214.11	--	211.19	208.53	206.47	208.93	240.77	244.77	--	238.54
1977	239.13	226.92	--	240.68	238.75	228.82	240.18	241.53	177.52	--	243.54
1978	249.59	257.28	--	249.02	250.01	261.09	249.11	246.40	239.70	--	247.34
1979	326.82	343.23	--	325.33	324.79	341.93	323.26	352.05	357.61	--	351.48
1980	374.50	348.93	--	376.18	378.74	343.39	380.92	349.17	372.50	--	347.09
1981	321.18	368.81	--	317.38	324.46	376.41	320.53	292.45	324.29	--	288.76
1982--											
1st qtr.	315.76	398.43	--	308.68	317.06	393.11	309.68	307.05	640.00	--	302.92
2d qtr.	314.45	323.56	--	313.27	325.30	437.30	316.64	283.04	225.29	--	301.33
3d qtr.	303.22	333.84	--	299.27	303.58	333.84	299.57	290.00	--	--	290.00
4th qtr.	275.17	296.39	--	272.17	277.60	290.99	275.51	261.39	364.07	--	254.68
1982 average	299.98	329.71	--	296.33	302.81	341.26	298.14	281.94	260.32	--	284.74
1983--											
1st qtr.	269.84	330.54	--	267.15	270.36	337.14	267.26	265.85	250.01	--	266.31
2d qtr.	284.75	278.24	--	285.85	284.80	276.99	286.22	284.04	357.48	--	281.60
3d qtr.	317.84	274.32	--	319.08	313.41	241.77	314.13	354.58	290.00	--	362.13
4th qtr.	310.38	265.82	--	312.56	310.68	261.18	312.33	306.85	273.93	--	315.89
1983 average	296.80	282.70	--	297.82	295.74	282.21	296.66	307.16	285.38	--	309.95
TO MAINLAND CHINA											
1980	471.98	490.48	--	399.69	492.85	523.52	406.96	451.70	462.77	--	386.95
1981	401.39	427.68	--	344.94	396.06	426.47	339.51	420.18	431.15	--	377.57
1982--											
1st qtr.	395.35	438.14	--	306.46	398.39	444.16	310.44	386.03	421.46	--	291.14
2d qtr.	415.79	429.65	--	368.81	416.39	428.99	386.51	414.97	430.38	--	316.03
3d qtr.	367.30	388.40	--	325.91	364.53	393.95	315.94	373.29	378.44	--	358.02
4th qtr.	359.23	364.90	--	337.89	356.35	363.07	337.89	369.82	369.82	--	--
1982 average	388.44	406.87	--	338.18	385.27	406.20	340.64	394.97	407.99	--	328.31
1983--											
1st qtr.	299.10	303.46	--	278.91	296.98	301.41	278.91	318.50	318.50	--	--
2d qtr.	304.65	313.54	--	279.48	303.18	315.87	279.48	309.02	309.02	--	--
3d qtr.	320.99	337.73	--	289.32	309.37	323.92	288.64	358.09	367.71	--	296.02
4th qtr.	321.22	328.42	--	303.00	316.16	322.78	302.71	333.67	336.44	--	305.84
1983 average	315.28	325.17	--	290.98	308.14	317.77	290.31	338.64	342.38	--	299.69

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. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Washington 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.

Table 10--Softwood log exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	PORT-ORFORD- CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	77,459	18,337	3,418	55,704
1973	104,733	34,454	4,065	66,214
1974	77,735	35,146	8,823	33,766
1975	86,943	52,547	2,483	31,913
1976	109,812	73,924	2,508	33,380
1977	70,902	38,302	2,331	30,269
1978	72,650	49,024	2,880	20,746
1979	65,492	37,551	1,611	26,330
1980	31,672	7,287	653	23,732
1981	25,586	5,890	1,381	18,315
1982--				
1st quarter	4,992	2,066	--	2,926
2d quarter	1,224	43	--	1,181
3d quarter	3,875	2,058	--	1,817
4th quarter	9,416	8,442	6	968
1982 total	19,507	12,609	6	6,892
1983--				
1st quarter	9,263	2,675	300	6,288
2d quarter	4,414	951	--	3,463
3d quarter	8,401	2	--	8,399
4th quarter	11,441	15	--	11,426
1983 total	33,519	3,643	300	29,576
TO JAPAN				
1972	63,830	15,914	3,418	49,498
1973	94,520	29,261	4,065	61,194
1974	69,271	32,485	8,823	27,963
1975	78,813	48,188	2,483	28,142
1976	96,485	69,395	2,853	24,237
1977	57,815	37,765	2,331	17,719
1978	58,760	48,653	1,757	8,350
1979	57,938	37,411	1,611	18,916
1980	27,180	7,055	653	19,472
1981	20,708	1,024	1,381	18,303
1982--				
1st quarter	3,526	600	--	2,926
2d quarter	66	--	--	66
3d quarter	3,854	2,055	--	1,799
4th quarter	1,576	615	6	955
1982 total	9,022	3,270	6	5,746
1983--				
1st quarter	9,261	2,675	300	6,286
2d quarter	4,414	951	--	3,463
3d quarter	3,899	--	--	3,899
4th quarter	6,734	--	--	6,734
1983 total	24,308	3,626	300	20,382
TO MAINLAND CHINA				
1982--				
1st quarter	1,466	1,466	--	--
2d quarter	--	--	--	--
3d quarter	--	--	--	--
4th quarter	7,826	7,816	--	10
1982 total	9,292	9,282	--	10
1983--				
1st quarter	2	--	--	2
2d quarter	--	--	--	--
3d quarter	4,500	--	--	4,500
4th quarter	3,800	--	--	3,800
1983 total	8,302	--	--	8,302

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

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 11--Softwood log exports by State and port, Washington, Oregon, and northern California, 1972-83

(In million board feet, Scribner scale)

YEAR AND QUARTER	STATE OF WASHINGTON ¹									
	ABERDEEN	ANACORTES, BELLINGHAM	EVERETT	LONGVIEW	OLYMPIA	PORT ANGELES	TACOMA	NDRTHEASTERN WASHINGTON	OTHER	TOTAL
1972	525.1	100.9	268.9	221.3	144.6	285.6	517.4	0.2	45.8	2,109.8
1973	491.5	84.5	250.4	328.7	86.9	306.0	511.1	0	54.6	2,113.7
1974	396.2	49.2	217.7	300.2	61.5	273.5	383.0	--	48.4	1,729.7
1975	366.8	32.2	230.0	261.3	48.6	284.7	469.2	--	32.9	1,725.7
1976	502.1	30.5	277.2	397.4	7.5	324.5	623.7	0	28.5	2,191.4
1977	402.1	42.1	237.7	328.2	68.7	304.6	607.6	--	12.0	2,003.0
1978	512.2	41.1	321.8	325.8	87.1	387.2	559.7	--	7.0	2,241.0
1979	648.7	50.9	332.8	366.1	101.0	505.0	601.7	--	9.9	2,616.1
1980	498.2	38.0	287.3	387.0	80.2	295.1	497.1	.1	3.1	2,086.1
1981	414.3	16.7	208.4	215.9	47.3	168.0	446.2	.1	14.9	1531.8
1982--										
1st quarter	124.8	2.3	82.0	92.3	18.2	31.2	137.3	--	9.9	498.0
2d quarter	146.6	5.0	56.6	106.8	19.8	34.6	86.1	--	.4	455.9
3d quarter	151.7	3.7	94.4	95.1	14.4	51.2	128.3	--	3.2	542.0
4th quarter	129.2	0	77.3	80.3	10.2	35.6	142.4	0	.4	475.4
1982 total	552.3	11.0	310.3	374.5	62.6	152.6	494.1	--	13.9	1,971.3
1983--										
1st quarter	154.0	.2	61.0	67.8	12.3	47.0	126.4	--	.2	468.9
2d quarter	151.5	--	65.4	85.4	12.4	46.9	135.6	0	.2	497.4
3d quarter	200.8	.9	94.7	83.3	10.3	55.3	152.8	--	.1	598.2
4th quarter	151.8	5.6	71.4	81.8	5.4	51.4	125.9	0	.1	493.4
1983 total	658.1	6.7	292.5	318.3	40.4	200.6	540.7	--	.6	2057.9
YEAR AND QUARTER	STATE OF OREGON ¹					NORTHERN CALIFORNIA ²				
	ASTORIA	COOS BAY	PORTLAND	OTHER	TOTAL	EUREKA	SACRAMENTO	STOCKTON	OTHER	TOTAL
1972	262.6	121.0	115.5	9.4	508.5	51.9	2.8	19.4	0.9	75.0
1973	147.1	155.5	159.8	21.3	483.7	79.6	16.2	8.7	.2	140.7
1974	159.0	128.1	139.8	24.8	451.7	67.5	9.8	3.8	.2	81.3
1975	245.7	134.1	137.5	44.5	561.8	66.6	19.9	0	1.4	87.9
1976	273.3	144.6	99.5	28.0	545.4	83.7	26.1	0	--	109.8
1977	210.2	120.1	207.0	15.4	552.7	39.2	25.5	0	6.3	71.0
1978	168.4	145.1	277.0	15.0	605.5	46.1	18.4	--	8.2	72.7
1979	150.1	128.2	322.0	17.2	617.5	43.0	6.0	0	16.5	65.6
1980	134.7	135.2	275.8	0	545.7	14.9	3.9	.5	12.3	31.6
1981	73.3	113.8	268.2	0	455.3	6.6	13.3	0	5.6	25.5
1982--										
1st quarter	24.3	34.6	80.5	0	139.4	2.9	.7	0	0	3.6
2d quarter	15.0	62.3	74.9	2.3	154.5	1.1	0	0	0	1.1
3d quarter	23.8	50.6	88.3	0	162.7	2.6	0	0	1.2	3.9
4th quarter	30.2	43.6	65.8	0	139.6	9.4	0	0	--	9.4
1982 total	93.3	191.1	309.5	2.3	596.2	16.0	.7	0	1.2	17.9
1983--										
1st quarter	17.1	38.6	52.9	0	108.6	3.0	6.3	0	0	9.3
2d quarter	15.4	31.5	65.6	0	112.5	4.4	0	0	--	4.4
3d quarter	17.2	37.8	108.0	1.1	164.1	5.8	2.6	0	--	8.4
4th quarter	19.3	45.6	83.4	0	148.3	3.9	7.4	0	.1	11.4
1983 total	69.0	153.5	309.9	1.1	533.5	17.1	16.3	0	.1	33.5

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

Note: Totals may be off because of rounding.

¹State totals as presented here for Washington and Oregon do not agree with those in table 7 because customs districts as used in table 7 do not correspond to State boundaries.²Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 13--Volume and average value of softwood log exports from Alaska ports by destination, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
TO ALL COUNTRIES		
1972	65,837	125.88
1973	71,719	248.23
1974	34,949	240.82
1975	29,011	307.97
1976	26,197	224.59
1977	52,377	263.54
1978	68,025	320.45
1979	128,597	470.97
1980	160,523	532.56
1981	149,187	480.54
1982--		
1st quarter	13,052	510.48
2d quarter	51,503	491.59
3d quarter	83,964	488.14
4th quarter	92,604	457.95
1982 total and average value	241,123	478.49
1983--		
1st quarter	33,522	404.75
2d quarter	63,788	440.78
3d quarter	102,655	430.70
4th quarter	62,254	412.64
1983 total and average value	262,219	425.55
TO JAPAN		
1972	61,882	129.99
1973	71,705	248.24
1974	29,088	252.71
1975	24,311	352.29
1976	20,741	253.18
1977	46,897	278.99
1978	57,653	343.49
1979	120,753	475.21
1980	156,275	533.22
1981	141,209	491.44
1982--		
1st quarter	12,145	527.07
2d quarter	47,688	498.07
3d quarter	74,304	494.01
4th quarter	85,563	468.33
1982 total and average value	219,700	486.71
1983--		
1st quarter	28,469	421.84
2d quarter	56,182	462.00
3d quarter	79,058	463.03
4th quarter	47,996	442.65
1983 total and average value	211,705	452.60
TO MAINLAND CHINA		
1981	3,205	377.57
1982--		
1st quarter	0	--
2d quarter	0	--
3d quarter	0	--
4th quarter	0	--
1982 total and average value	0	--
1983--		
1st quarter	0	--
2d quarter	0	--
3d quarter	7,275	293.94
4th quarter	8,316	314.98
1983 total and average value	15,591	305.16

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 14--Volume and value of hardwood log exports from ports of Washington, Oregon, Alaska, and northern California, 1972-83

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

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
TO ALL COUNTRIES								
1972	2,999	882,806	68	133,979	0	--	1,320	2,015,855
1973	1,812	1,351,759	36	57,747	0	--	1,084	2,330,761
1974	633	1,121,192	45	95,342	0	--	560	1,515,476
1975	1,599	637,455	73	103,519	0	--	3,911	1,780,853
1976	3,750	1,646,972	236	136,188	0	--	659	1,239,777
1977	2,735	2,117,386	189	87,839	0	--	1,396	2,751,996
1978	2,362	2,190,449	75	91,486	11	19,250	1,772	4,088,466
1979	2,597	2,216,256	341	420,741	138	253,716	1,272	3,049,981
1980	6,826	5,153,711	2,026	764,511	186	44,960	900	2,260,961
1981	3,416	3,173,191	439	470,373	0	--	683	1,422,547
1982--								
1st quarter	757	570,264	75	84,642	0	--	133	287,243
2d quarter	1,276	975,968	12	34,519	0	--	371	849,259
3d quarter	1,098	596,836	236	56,494	0	--	88	193,891
4th quarter	657	751,733	12	41,808	0	--	31	33,834
1982 total	3,788	2,894,801	335	217,463	0	--	623	1,364,227
1983--								
1st quarter	1,926	1,000,110	34	60,676	0	--	32	73,503
2d quarter	719	486,610	7	9,100	0	--	20	16,787
3d quarter	477	422,808	222	73,327	0	--	166	126,392
4th quarter	1,320	720,183	111	27,750	0	--	23	11,625
1983 total	4,442	2,629,711	374	170,853	0	--	241	228,307
TO JAPAN								
1972	1,374	727,475	64	130,080	0	--	1,126	1,761,797
1973	993	1,164,704	34	56,842	0	--	1,015	2,250,213
1974	540	1,063,245	37	84,293	0	--	485	1,093,502
1975	1,210	562,583	14	9,039	0	--	3,803	636,796
1976	3,313	1,416,317	235	134,988	0	--	456	1,005,649
1977	1,444	1,179,616	17	33,347	0	--	1,063	2,300,667
1978	1,178	819,332	57	84,025	0	--	1,248	3,059,204
1979	1,824	1,153,644	300	359,119	74	188,389	1,059	2,339,089
1980	4,786	1,969,245	1,964	726,891	182	42,200	579	1,532,496
1981	2,037	2,162,473	229	264,161	0	--	310	742,998
1982--								
1st quarter	225	170,982	7	11,107	0	--	89	193,489
2d quarter	350	515,986	12	34,519	0	--	275	615,675
3d quarter	482	124,445	13	12,070	0	--	48	94,040
4th quarter	408	400,666	3	6,808	0	--	5	8,788
1982 total	1,465	1,212,079	35	64,504	0	--	417	911,992
1983--								
1st quarter	529	495,749	22	22,516	0	--	32	73,503
2d quarter	174	176,659	7	9,100	0	--	20	16,787
3d quarter	296	153,970	100	25,000	0	--	9	8,960
4th quarter	257	92,030	100	25,000	0	--	0	--
1983 total	1,256	918,408	229	81,616	0	--	61	99,250
TO MAINLAND CHINA								
1980	6	2,800	0	--	0	--	--	--
1981	0	--	0	--	0	--	0	--
1982--								
1st quarter	45	45,000	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	0	--	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1982 total	45	45,000	0	--	0	--	0	--
1983--								
1st quarter	0	--	0	--	0	--	0	--
2d quarter	0	--	0	--	0	--	0	--
3d quarter	0	--	100	22,500	0	--	0	--
4th quarter	0	--	0	--	0	--	0	--
1983 total	0	--	100	22,500	0	--	0	--

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. Washington Customs District includes all coastal and inland ports in the State of Washington, except Longview and Vancouver. Oregon Customs District includes all Oregon ports and Longview and Vancouver, Washington. Alaska Customs District is the State of Alaska. San Francisco Customs District includes Monterey and all ports north of Monterey, California.

Table 15--Log exports from southern California ports, by species, 1972-83

(In thousand board feet, Scribner scale)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS	HARDWOODS
1972	631	203	92	336
1973	445	214	5	226
1974	378	32	130	216
1975	288	11	224	53
1976	2,396	1,411	670	315
1977	1,360	169	411	780
1978	1,721	172	917	632
1979	2,117	290	359	1,468
1980	1,149	295	610	244
1981	738	88	186	464
1982--				
1st quarter	209	3	27	179
2d quarter	103	4	28	71
3d quarter	56	0	42	14
4th quarter	429	274	114	41
1982 total	797	281	211	305
1983--				
1st quarter	20	0	0	20
2d quarter	93	0	22	71
3d quarter	330	0	0	330
4th quarter	231	0	9	222
1983 total	674	0	31	643

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which 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 16--Volume and average value of softwood log exports to Canada from the Montana Customs District, 1972-83^{1/}

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

YEAR AND QUARTER	ALL SPECIES		DOUGLAS-FIR		OTHER SOFTWOODS	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	392	113.71	19	162.89	373	111.20
1973	379	177.58	93	261.16	286	150.40
1974	925	178.24	19	149.05	906	178.86
1975	739	226.93	72	274.78	667	221.76
1976	571	228.43	103	254.08	468	222.78
1977	1,227	247.66	467	251.10	760	245.54
1978	901	226.05	136	367.43	765	200.91
1979	3,906	168.47	0	--	3,906	168.47
1980	699	239.88	36	303.53	663	236.42
1981	477	362.68	123	475.06	354	323.64
1982--						
1st quarter	142	273.20	16	203.81	126	282.01
2d quarter	64	349.36	0	--	64	349.36
3d quarter	58	340.50	0	--	58	340.50
4th quarter	154	250.44	0	--	154	250.44
1982 total and average value	418	285.81	16	203.81	402	289.07
1983--						
1st quarter	63	310.65	0	--	63	310.65
2d quarter	317	254.09	0	--	317	254.09
3d quarter	111	284.59	11	460.64	100	265.23
4th quarter	134	242.75	0	--	134	242.75
1983 total and average value	625	262.78	0	--	614	259.23

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.

^{1/}Montana Customs District includes all ports in Montana and Idaho.

Table 17--Log exports from British Columbia ports, by species and destination, 1972-83^{1/}

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	55,866	836	13,956	18,477	14,958	3,965	3,674
1973	35,716	1,852	9,750	7,441	13,647	1,211	1,815
1974	148,801	11,790	31,528	67,843	27,355	4,973	5,312
1975	85,082	2,406	18,914	19,373	41,416	1,505	2,188
1976	116,193	5,390	39,069	21,901	41,959	3,346	4,528
1977	186,511	10,085	118,085	36,048	19,835	754	1,704
1978	128,853	8,592	24,467	45,143	49,767	530	354
1979	169,107	2,431	56,504	56,954	43,201	4,135	5,882
1980	231,784	8,907	106,193	49,590	36,756	12,155	18,183
1981	184,481	856	98,579	24,616	37,774	18,943	3,713
1982--							
1st quarter	51,064	169	24,488	11,263	9,972	5,168	4
2d quarter	48,932	5,360	13,416	8,730	9,928	9,742	1,756
3d quarter	72,310	17,262	17,169	9,655	9,830	12,973	5,421
4th quarter	80,586	25,401	20,658	8,357	10,716	9,204	6,250
1982 total	252,892	48,192	75,731	38,005	40,446	37,087	13,431
1983--							
1st quarter	135,436R	44,710	41,072	4,176	17,097	17,360	11,021
2d quarter	107,628	30,266	27,731	3,065	12,059	7,811	26,696
3d quarter	113,857	16,712	53,585	3,550	15,890	14,808	9,312
4th quarter	124,456	32,801	56,749	11,774	9,854	12,700	578
1983 total	481,377	124,489	179,137	22,565	54,900	52,679	47,607
TO JAPAN							
1972	46,059	567	13,478	13,412	14,938	3,664	0
1973	29,239	1,293	8,058	6,205	13,284	399	0
1974	80,655	2,167	22,968	31,915	16,503	2,304	4,798
1975	61,728	1,460	10,477	7,696	39,470	1,253	1,372
1976	67,192	792	17,026	7,343	39,905	470	1,656
1977	109,301	5,106	65,092	23,413	15,489	201	0
1978	90,001	4,094	16,890	24,038	44,814	99	66
1979	120,297	1,894	49,281	27,597	35,883	3,636	2,056
1980	154,824	1,692	61,500	35,346	36,157	6,939	13,190
1981	131,321	698	71,645	17,427	31,541	10,010	0
1982--							
1st quarter	41,921	163	18,649	11,263	9,530	2,316	0
2d quarter	14,779	84	4,177	3,286	4,211	3,021	0
3d quarter	41,823	6,187	12,879	5,257	8,461	8,413	626
4th quarter	31,934	1,771	15,898	3,653	7,604	3,008	0
1982 total	130,457	8,205	51,603	23,459	29,806	16,758	626
1983--							
1st quarter	72,481	15,996	35,674	4,346	11,558	4,907	0
2d quarter	40,003	10,139	10,968	3,062	9,547	6,258	29
3d quarter	57,843	10,011	29,757	3,275	10,718	4,082	0
4th quarter	70,884	19,120	27,242	9,637	8,174	6,469	242
1983 total	241,211	55,266	103,641	20,320	39,997	21,716	271

Table 17--Log exports from British Columbia ports, by species and destination, 1972-83^{1/} (continued)

(In thousand board feet, British Columbia log scale)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES							
1972	9,807	269	478	5,065	20	301	3,674
1973	6,471	559	1,692	1,236	363	812	1,809
1974	68,146	9,623	8,560	35,928	10,852	2,669	514
1975	23,354	946	7,717	11,677	1,946	252	816
1976	48,911	4,598	22,043	14,558	1,964	2,876	2,872
1977	74,442	4,979	50,817	12,043	4,346	553	1,704
1978	32,843	4,498	6,039	19,144	2,443	431	288
1979	48,810	537	7,223	29,357	7,368	499	3,826
1980	76,955	7,215	44,693	14,244	594	5,216	4,993
1981	50,324	158	26,934	7,189	4,340	8,879	2,824
1982--							
1st quarter	9,143	6	5,839	0	442	2,852	4
2d quarter	18,413	40	6,732	3,619	775	6,436	811
3d quarter	15,114	45	5,910	2,960	1,369	4,560	270
4th quarter	21,230	1,433	4,760	4,126	3,109	6,196	1,606
1982 total	63,900	1,524	23,241	10,705	5,695	20,044	2,691
1983--							
1st quarter	20,371	2,790	5,398	370	2,443	7,562	1,808
2d quarter	23,402	1,441	16,763	0	2,512	1,553	1,133
3d quarter	42,673	2,672	23,828	275	5,172	10,726	0
4th quarter	26,059	4,407	13,451	316	1,650	5,808	427
1983 total	112,505	11,310	59,440	961	11,777	25,649	3,368
TO MAINLAND CHINA							
1982--							
1st quarter	0	0	0	0	0	0	0
2d quarter	9,023	5,226	0	0	3,787	0	0
3d quarter	11,030	11,030	0	0	0	0	4,472
4th quarter	26,636	22,197	0	0	0	0	4,439
1982 total	46,689	38,463	0	0	3,787	0	8,911
1983--							
1st quarter	43,124	25,924	0	0	3,096	4,891	9,213
2d quarter	44,220	18,686	0	0	0	0	25,534
3d quarter	4,029	4,029	0	0	0	0	0
4th quarter	18,981	9,274	0	0	0	395	9,312
1983 total	110,354	57,913	0	0	3,096	5,286	44,059

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

^{1/}Figures do not include shipments of pulpwood logs.

R = revised.

Table 18--Volume and average value of softwood log imports of all species from Canada into Washington and Oregon, 1972-83

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

YEAR AND QUARTER	VOLUME	AVERAGE VALUE
1972	8,451	80.44
1973	2,102	124.71
1974	31,625	248.69
1975	55,494	207.13
1976	44,438	122.62
1977	91,962	194.93
1978	41,307	271.29
1979	75,855	298.89
1980	51,828	233.08
1981	33,985	319.77
1982--		
1st quarter	9,145	314.18
2d quarter	12,099	340.07
3d quarter	13,146	304.62
4th quarter	25,102	304.55
1982 total and average value	59,492	313.27
1983--		
1st quarter	27,366	255.60
2d quarter	9,803	161.82
3d quarter	21,593	214.60
4th quarter	17,912	227.86
1983 total and average value	76,674	225.58

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 19--Volume and average value of pulpwood imports from Canada into the Washington Customs District, 1972-83

YEAR AND QUARTER	CHIPPED PULPWOOD		ROUNDWOOD PULPWOOD	
	VOLUME	VALUE	VOLUME	VALUE
	<u>Short tons</u>	<u>Dollars</u>	<u>Cords</u>	<u>Dollars</u>
1972	909,926	9.87	2,300	47.56
1973	1,085,124	11.19	16	97.06
1974	623,830	15.55	31,998	60.08
1975	493,761	23.36	11,517	42.90
1976	877,550	20.98	1,967	32.14
1977	1,056,102	18.59	16,674	91.19
1978	1,215,483	16.37	0	--
1979	1,039,458	17.19	0	--
1980	1,185,701	26.77	57,337	66.64
1981	1,160,507	32.33	23,084	130.11
1982--				
1st quarter	350,630	33.44	0	--
2d quarter	357,400	35.98	7,659	118.52
3d quarter	275,629	29.92	661	379.31
4th quarter	264,154	27.57	0	--
1982 total and average value	1,247,813	32.15	8,320	139.24
1983--				
1st quarter	337,359	26.69	0	--
2d quarter	371,580	23.22	0	--
3d quarter	394,400	23.96	0	--
4th quarter	324,151	23.69	0	--
1983 total and average value	1,427,490	24.32	0	--

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

Table 20--Volume and average value of chips exported from the Washington, Oregon, San Francisco, and Alaska Customs Districts, 1972-83

(In short tons, oven-dried basis; average value in dollars per short ton)

YEAR AND QUARTER	WASHINGTON CUSTOMS DISTRICT		OREGON CUSTOMS DISTRICT		SAN FRANCISCO CUSTOMS DISTRICT		ALASKA CUSTOMS DISTRICT	
	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
1972	168,725	19.56	2,081,032	22.12	253,401	27.76	20,158	25.76
1973	272,196	21.84	2,778,829	24.85	369,403	24.41	0	--
1974	390,370	28.62	3,177,465	26.50	242,017	30.69	34,828	28.99
1975	326,083	38.56	2,436,807	34.74	257,735	28.96	32,399	48.51
1976	457,801	33.39	2,881,577	39.90	366,678	34.76	107,652	37.89
1977	281,540	49.17	2,892,333	43.33	519,444	42.91	107,429	51.67
1978	299,140	46.16	2,650,423	42.98	412,107	40.82	31,827	37.20
1979	346,209	50.05	3,125,103	42.55	603,989	44.69	83,706	48.62
1980	268,103	79.53	2,849,927	88.44	728,459	85.81	151,328	75.57
1981	296,461	80.74	2,076,612	85.51	321,533	89.89	77,649	73.61
1982--								
1st quarter	83,962	88.46	502,602	83.30	57,573	85.69	0	--
2d quarter	64,361	75.43	475,798	83.38	71,127	76.73	27,430	56.53
3d quarter	74,513	83.00	500,303	84.57	25,212	88.67	32,404	77.99
4th quarter	105,538	71.67	435,736	81.80	42,380	88.18	14,330	72.44
1982 total and average value	328,374	79.27	1,914,439	83.31	196,292	83.36	74,164	68.98
1983--								
1st quarter	69,722	75.40	400,690	70.19	57,310	67.87	6,645	34.67
2d quarter	64,243	74.74	441,218	70.65	116,439	67.39	0	--
3d quarter	77,917	74.34	438,092	66.44	83,760	64.63	0	--
4th quarter	36,053	70.86	388,971	65.22	93,078	67.44	0	--
1983 total and average value	247,935	74.24	1,668,971	68.17	350,587	66.82	6,645	34.67

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. Washington Customs District includes all ports in the State of Washington, except Longview and Vancouver. Oregon 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 Alaska Customs District is the State of Alaska.

Table 21--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	406,493	321,761	30,772	53,960	164,472	99,927	21,994	42,551	242,021	221,834	8,778	11,409
1973	799,631	532,321	169,927	97,383	324,740	143,666	104,851	76,223	474,891	388,655	65,076	21,160
1974	719,729	496,978	124,047	98,704	331,818	174,056	79,399	78,363	387,911	322,922	44,648	20,341
1975	616,883	415,152	125,529	76,202	263,754	151,681	52,064	60,009	353,129	263,471	73,465	16,193
1976	698,941	478,100	145,645	75,196	311,599	155,041	94,581	61,977	387,342	323,059	51,064	13,219
1977	549,059	372,609	125,479	50,971	256,703	123,783	92,364	40,556	292,356	248,826	33,115	10,415
1978	585,588	374,032	135,156	76,400	310,100	128,895	118,094	63,111	275,488	245,137	17,062	13,289
1979	839,895	427,063	280,067	132,765	413,673	98,685	211,030	103,858	426,322	328,378	69,031	28,907
1980	984,882	449,123	338,487	197,272	521,728	106,671	270,706	144,351	463,154	342,452	67,781	52,921
1981	933,739	451,075	268,024	214,640	467,886	139,070	173,000	155,816	465,853	312,005	95,024	58,824
1982--												
1st quarter	230,902	106,344	80,882	43,676	124,372	33,409	62,730	28,233	106,530	72,935	18,152	15,443
2d quarter	236,114	120,027	75,976	40,111	130,958	36,225	62,809	31,924	105,156	83,802	13,167	8,187
3d quarter	177,462	92,221	52,332	32,909	73,300	16,992	33,343	22,965	104,162	75,229	18,989	9,944
4th quarter	243,923	100,671	97,711	45,541	144,326	30,423	78,292	35,611	99,597	70,248	19,419	9,930
1982 total	888,401	419,263	306,901	162,237	472,956	117,049	237,174	118,733	415,445	302,214	69,727	43,504
1983--												
1st quarter	249,498	124,545	72,467	52,486	136,719	32,870	56,501	47,348	112,779	91,675	15,966	5,138
2d quarter	299,636	156,898	80,312	62,426	161,445	49,765	64,356	47,324	138,191	107,133	15,956	15,102
3d quarter	225,602	108,196	65,651	51,755	123,617	32,142	49,362	42,113	101,985	76,054	16,289	9,642
4th quarter	247,319	123,340	76,979	47,000	130,896	37,517	53,073	40,306	116,423	85,823	23,906	6,694
1983 total	1,022,055	512,979	295,409	213,667	552,677	152,294	223,292	177,091	469,378	360,685	72,117	36,576
TO JAPAN												
1972	23,699	3,437	10,589	9,673	14,951	571	7,291	7,089	8,748	2,866	3,298	2,584
1973	153,537	40,402	99,707	13,428	89,514	19,247	64,966	5,301	64,023	21,155	34,741	8,127
1974	205,888	102,858	77,973	25,057	103,531	44,424	47,616	11,491	102,357	58,434	30,357	13,566
1975	208,160	96,307	96,610	15,243	89,489	40,991	45,359	3,139	118,671	55,316	51,251	12,104
1976	186,628	68,927	107,884	9,817	127,553	39,430	80,891	7,232	59,075	29,497	26,993	2,585
1977	145,386	40,945	93,719	10,722	108,468	20,845	80,161	7,462	36,918	20,100	13,558	3,260
1978	163,233	36,429	108,610	18,194	141,963	25,609	103,056	13,289	21,270	10,820	5,554	4,896
1979	355,840	75,567	227,702	52,571	258,444	45,549	177,239	35,656	97,396	30,018	50,463	16,915
1980	362,458	53,084	249,729	59,645	269,406	26,428	199,237	43,741	93,052	26,656	50,492	15,904
1981	312,232	55,479	206,837	49,916	189,547	25,966	128,307	35,274	122,685	29,513	78,530	14,642
1982--												
1st quarter	114,615	27,423	71,237	15,955	75,262	12,553	54,332	8,377	39,353	14,870	16,905	7,578
2d quarter	100,834	20,511	65,527	14,796	75,174	10,813	53,188	11,173	25,660	9,698	12,339	3,623
3d quarter	65,620	16,197	41,041	8,382	36,378	4,811	26,251	5,316	29,242	11,386	14,790	3,066
4th quarter	133,152	30,030	83,039	20,083	96,686	13,642	68,004	15,040	36,466	16,388	15,035	5,043
1982 total	414,221	94,161	260,844	59,216	283,500	41,819	201,775	39,906	130,721	52,342	59,069	19,310
1983--												
1st quarter	111,529	28,259	62,186	21,084	77,376	10,277	47,871	19,228	34,153	17,982	14,315	1,856
2d quarter	116,414	29,497	67,962	18,955	86,712	16,280	54,250	16,182	29,702	13,217	13,712	2,773
3d quarter	97,726	21,793	56,121	19,812	67,882	11,321	41,471	15,090	29,844	10,472	14,650	4,722
4th quarter	122,373	34,320	68,255	19,798	83,780	19,924	47,560	16,296	38,593	14,396	20,695	3,502
1983 total	448,042	113,869	254,524	79,649	315,750	57,802	191,152	66,796	132,292	56,067	63,372	12,853

Table 21--Softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/} (continued)

(In thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON 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												
1972	70,297	42,581	8,687	19,029	70,297	42,581	8,687	19,029	0	0	0	0
1973	88,695	49,381	9,340	29,974	88,695	49,381	9,340	29,974	0	0	0	0
1974	126,547	67,856	5,952	52,739	124,097	65,406	5,952	52,739	2,795R	2,763	0	32
1975	113,213	61,099	4,299	47,815	112,783	61,099	3,869	47,815	0	0	0	0
1976	101,633	50,327	6,737	44,569	101,633	50,327	6,737	44,569	0	0	0	0
1977	76,251	45,842	3,695	26,714	76,251	45,842	3,695	26,714	0	0	0	0
1978	117,969	69,852	9,241	38,876	117,930	69,813	9,241	38,876	39	39	0	0
1979	113,977	38,917	18,870	56,190	113,977	38,917	18,870	56,190	0	0	0	0
1980	159,658	54,876	26,325	78,457	159,658	54,876	26,325	78,457	0	0	0	0
1981	213,594	91,861	20,598	101,135	213,594	91,861	20,598	101,135	0	0	0	0
1982--												
1st quarter	35,512	14,891	5,260	15,361	35,512	14,891	5,260	15,361	0	0	0	0
2d quarter	30,063	14,498	2,112	13,453	30,063	14,498	2,112	13,453	0	0	0	0
3d quarter	24,377	8,853	1,872	13,652	24,377	8,853	1,872	13,652	0	0	0	0
4th quarter	30,237	12,531	1,883	15,823	30,237	12,531	1,883	15,823	0	0	0	0
1982 total	120,189	50,773	11,127	58,289	120,189	50,773	11,127	58,289	0	0	0	0
1983--												
1st quarter	42,952	17,999	2,467	22,486	42,952	17,999	2,467	22,486	0	0	0	0
2d quarter	55,975	26,494	2,681	26,800	55,975	26,494	2,681	26,800	0	0	0	0
3d quarter	39,020	14,792	2,498	21,730	39,020	14,792	2,498	21,730	0	0	0	0
4th quarter	32,816	12,848	2,087	17,881	32,816	12,848	2,087	17,881	0	0	0	0
1983 total	170,763	72,133	9,733	88,897	170,763	72,133	9,733	88,897	0	0	0	0
TO MAINLAND CHINA												
1981	9,041	8,829	20	192	335	123	20	192	8,706	8,706	0	0
1982--												
1st quarter	5	5	0	0	0	0	0	0	5	5	0	0
2d quarter	0	0	0	0	0	0	0	0	0	0	0	0
3d quarter	2,194	2,194	0	0	0	0	0	0	2,194	2,194	0	0
4th quarter	49	49	0	0	0	0	0	0	49	49	0	0
1982 total	2,248	2,248	0	0	0	0	0	0	2,248	2,248	0	0
1983--												
1st quarter	0	0	0	0	0	0	0	0	0	0	0	0
2d quarter	1,637R	1,637R	0	0	0	0	0	0	1,637R	1,637R	0	0
3d quarter	1,619	1,619	0	0	0	0	0	0	1,619	1,619	0	0
4th quarter	4,146	4,146	0	0	0	0	0	0	4,146	4,146	0	0
1983 total	7,402	7,402	0	0	0	0	0	0	7,402	7,402	0	0

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

¹Includes lumber classified as railroad crossties and not specified by species.

R = revised.

Table 22--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83^{1/}

(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO ALL COUNTRIES												
1972	208.54	223.60	102.74	179.03	177.86	195.96	98.99	176.10	229.39	236.06	112.13	189.95
1973	269.96	310.24	174.98	215.55	211.88	262.75	166.56	178.33	309.68	327.79	188.54	349.63
1974	283.80	310.19	211.88	241.28	242.67	267.93	205.45	224.26	318.98	332.98	223.32	306.82
1975	263.14	283.95	206.11	243.68	220.36	228.52	191.93	224.40	295.09	315.86	216.16	315.10
1976	318.61	350.52	220.15	306.38	260.23	280.33	217.02	275.88	365.57	384.21	225.95	449.34
1977	340.02	371.97	240.66	350.99	278.19	291.17	242.18	320.55	394.31	412.17	236.43	469.55
1978	362.29	403.55	266.51	329.76	290.19	309.81	266.70	294.06	443.46	452.34	265.25	499.35
1979	518.36	639.18	377.08	427.85	401.51	471.86	371.57	395.90	631.60	699.47	393.73	542.65
1980	436.14	560.96	319.83	351.55	324.62	361.19	310.48	324.13	561.77	623.19	357.18	426.36
1981	387.06	436.65	342.81	338.11	332.62	360.84	322.81	318.31	441.75	470.44	379.24	390.55
1982--												
1st quarter	378.22	419.28	319.39	387.17	313.31	321.03	308.56	314.73	453.99	464.29	356.79	519.61
2d quarter	396.44	466.38	294.26	380.70	308.16	321.36	294.93	319.21	506.38	529.06	291.06	620.47
3d quarter	366.63	423.37	287.56	333.33	312.22	338.91	303.14	305.66	404.91	442.45	260.20	397.24
4th quarter	327.75	382.27	268.88	333.52	375.66	248.48	270.22	310.86	402.22	440.21	263.52	414.79
1982 average	366.89	424.78	291.66	359.59	303.23	304.87	291.53	313.02	442.78	471.22	292.09	486.70
1983--												
1st quarter	349.88	386.89	312.11	314.22	305.05	397.05	313.84	300.12	404.23	419.10	305.98	444.15
2d quarter	328.44	345.86	303.90	316.22	289.95	283.36	309.54	270.24	373.41	374.90	281.06	460.30
3d quarter	353.98	401.49	312.83	306.87	307.22	312.80	325.80	281.19	410.66	438.98	273.51	419.03
4th quarter	357.28	414.03	297.84	305.68	305.62	301.81	322.39	287.07	415.36	463.09	243.33	417.71
1983 average	346.29	383.95	306.32	311.15	301.26	297.07	317.28	284.66	399.31	420.63	272.89	478.61
TO JAPAN												
1972	146.85	183.16	108.34	176.11	146.56	178.24	103.02	188.79	147.35	184.14	120.11	141.32
1973	204.26	198.89	191.64	314.19	194.09	186.88	190.83	260.23	218.49	209.81	193.15	349.39
1974	221.96	228.74	210.08	231.13	217.74	226.46	206.72	229.73	226.23	230.47	215.35	232.32
1975	188.89	155.39	202.62	313.48	188.14	167.70	182.71	533.56	189.45	146.27	220.23	256.41
1976	220.76	204.96	218.97	315.40	223.82	232.17	209.63	337.05	214.14	168.59	246.94	391.56
1977	243.68	249.38	240.35	250.06	246.50	266.64	240.37	256.19	235.40	231.45	240.28	239.31
1978	299.96	393.04	266.25	314.88	293.87	396.05	263.56	332.17	340.64	385.92	316.02	268.52
1979	418.26	491.38	376.08	495.86	407.98	488.99	372.67	480.04	445.53	495.01	388.04	529.21
1980	353.02	391.89	332.12	405.92	346.43	391.76	326.23	411.03	372.09	392.01	355.34	391.88
1981	357.26	436.99	321.23	417.97	357.88	428.98	322.83	433.00	356.32	444.04	318.60	381.77
1982--												
1st quarter	336.07	380.63	312.98	362.50	310.10	325.15	301.45	343.65	385.72	427.53	350.02	383.34
2d quarter	334.49	322.38	343.56	311.11	286.35	304.56	282.24	288.27	475.53	342.25	607.88	381.55
3d quarter	281.26	246.83	250.90	496.45	258.45	194.53	235.77	428.28	309.64	268.93	277.75	614.66
4th quarter	289.73	289.68	270.20	370.57	279.43	252.27	365.88	365.37	317.04	320.83	289.74	386.08
1982 average	312.11	315.93	297.27	371.19	286.72	281.02	275.85	347.61	359.52	343.82	370.45	420.45
1983--												
1st quarter	309.30	285.24	313.18	330.11	300.64	268.24	295.68	330.32	328.91	294.94	371.70	327.95
2d quarter	297.69	279.61	304.03	303.07	297.66	262.05	307.48	300.56	297.77	301.25	290.39	317.72
3d quarter	308.88	317.40	309.86	296.72	310.67	289.44	323.22	292.13	304.78	347.63	272.03	311.40
4th quarter	312.45	298.47	288.88	417.95	334.43	289.79	318.48	435.54	264.74	310.48	220.84	336.11
1983 average	307.05	293.92	303.49	337.21	310.94	278.08	310.68	340.15	297.76	310.26	281.80	328.89

Table 22--Average value of softwood lumber exports from Washington and Oregon ports, by origin, species, and destination, 1972-83¹ (continued)
(In dollars per thousand board feet)

YEAR AND QUARTER	FROM BOTH STATES				FROM WASHINGTON CUSTOMS DISTRICT				FROM OREGON CUSTOMS DISTRICT			
	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS	ALL SPECIES	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFT-WOODS
TO CANADA												
1972	145.81	154.44	109.13	143.25	145.81	154.44	109.13	143.25	--	--	--	--
1973	182.24	192.12	120.04	185.34	182.24	192.12	120.04	185.34	--	--	--	--
1974	205.78	223.84	196.55	183.58	202.89	219.18	196.55	183.40	312.23	312.23	--	300.03
1975	189.59	200.09	199.95	175.20	189.59	200.09	199.95	175.20	--	--	--	--
1976	243.28	257.29	245.57	227.11	243.28	257.29	245.57	227.11	--	--	--	--
1977	237.20	205.68	272.32	286.43	237.20	205.68	272.32	286.43	--	--	--	--
1978	186.31	152.21	240.99	234.59	186.20	151.99	240.99	234.59	536.67	536.67	--	--
1979	333.39	384.39	331.18	298.58	333.28	384.39	331.18	298.58	--	--	--	--
1980	263.66	285.72	252.59	251.96	263.66	285.72	252.59	251.96	--	--	--	--
1981	281.69	298.64	301.46	241.23	271.69	298.64	301.46	241.23	--	--	--	--
1982--												
1st quarter	266.80	264.46	290.34	261.00	266.80	264.46	290.34	261.00	--	--	--	--
2d quarter	295.12	322.23	344.18	258.16	295.12	322.23	344.48	258.16	--	--	--	--
3d quarter	255.32	265.26	360.63	234.43	255.32	265.26	360.63	234.43	--	--	--	--
4th quarter	234.81	214.63	321.75	241.58	234.81	214.63	321.75	241.58	--	--	--	--
1982 average	263.51	268.80	317.76	248.85	263.51	268.80	317.73	248.85	--	--	--	--
1983--												
1st quarter	263.27	278.36	325.74	244.33	263.27	278.36	325.74	244.33	--	--	--	--
2d quarter	259.43	277.71	332.15	234.08	259.43	277.71	332.15	234.08	--	--	--	--
3d quarter	259.42	281.40	350.39	233.99	259.42	281.40	350.39	233.99	--	--	--	--
4th quarter	250.56	273.08	348.60	222.93	250.56	273.08	348.60	222.93	--	--	--	--
1983 average	258.69	277.81	338.73	234.41	258.69	277.81	338.73	234.41	--	--	--	--
TO MAINLAND CHINA												
1981	283.78	286.62	741.60	105.42	270.55	450.82	741.60	105.42	284.30	284.30	--	--
1982--												
1st quarter	170.00	170.00	--	--	--	--	--	--	170.00	170.00	--	--
2d quarter	--	--	--	--	--	--	--	--	--	--	--	--
3d quarter	258.05	258.05	--	--	--	--	--	--	258.05	258.05	--	--
4th quarter	195.63	195.63	--	--	--	--	--	--	195.63	195.63	--	--
1982 average	257.07	257.07	--	--	--	--	--	--	257.07	257.07	--	--
1983--												
1st quarter	--	--	--	--	--	--	--	--	--	--	--	--
2d quarter	314.97	314.97	--	--	--	--	--	--	314.97	314.97	--	--
3d quarter	299.97	299.97	--	--	--	--	--	--	299.97	299.97	--	--
4th quarter	332.71	332.71	--	--	--	--	--	--	332.71	332.71	--	--
1983 average	321.62	321.62	--	--	--	--	--	--	321.62	321.62	--	--

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

¹Includes lumber classified as railroad crossties and not specified by species.

Table 23--Softwood lumber exports from northern California ports, by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
TO ALL COUNTRIES				
1972	48,914	20,843	135	27,936
1973	73,842	30,746	2,530	40,566
1974	35,314	17,350	815	17,149
1975	27,628	13,388	636	13,604
1976	40,585	14,430	462	25,693
1977	44,438	18,951	1,137	24,350
1978	32,919	12,931	684	19,304
1979	30,832	10,539	1,498	18,795
1980	34,603	10,531	3,777	20,295
1981	47,315	7,841	12,037	27,437
1982--				
1st quarter	10,323	2,497	1,607	6,219
2d quarter	13,228	4,446	1,750	7,032
3d quarter	13,922	2,738	1,220	9,964
4th quarter	15,244	4,174	2,959	8,111
1982 total	52,717	13,855	7,536	31,326
1983--				
1st quarter	11,357	4,060	1,748	5,549
2d quarter	12,600	5,643	2,584	4,373
3d quarter	12,315	5,727	1,201	5,387
4th quarter	7,008	3,153	86	3,769
1983 total	43,280	18,583	5,619	19,078
TO JAPAN				
1972	6,884	17	28	6,839
1973	4,963	328	2,359	2,276
1974	3,208	317	12	2,879
1975	4,303	337	--	3,966
1976	5,724	168	396	5,160
1977	7,766	1,354	--	6,412
1978	6,763	107	200	6,456
1979	8,854	0	700	8,154
1980	17,384	1,160	3,256	12,968
1981	29,437	2,608	11,834	14,995
1982--				
1st quarter	8,480	2,024	1,557	4,899
2d quarter	8,809	2,049	1,737	5,023
3d quarter	10,668	1,448	1,170	8,050
4th quarter	10,256	1,764	2,117	6,375
1982 total	38,213	7,285	6,581	24,347
1983--				
1st quarter	7,519	1,381	1,748	4,390
2d quarter	6,585	578	2,460	3,547
3d quarter	5,389	274	1,134	3,981
4th quarter	2,664	0	72	2,592
1983 total	22,157	2,233	5,414	14,510
TO MAINLAND CHINA				
1981	93	0	0	93
1982--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	5	0	0	5
4th quarter	17	17	0	0
1982 total	22	17	0	5
1983--				
1st quarter	0	0	0	0
2d quarter	0	0	0	0
3d quarter	0	0	0	0
4th quarter	0	0	0	0
1983 total	0	0	0	0

Source--U.S. Department of Commerce.

¹Northern California consists of the San Francisco Customs District and includes Monterey, California, and all ports north of Monterey.

Table 24--Softwood lumber exports from southern California ports,
by species and destination, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	OTHER SOFTWOODS
TO ALL COUNTRIES			
1972	56,599	23,938	32,661
1973	52,608	19,599	33,009
1974	46,514	18,684	27,830
1975	56,759	23,596	33,163
1976	61,256	23,078	38,178
1977	72,588	26,895	45,693
1978	74,347	27,661	46,686
1979	81,372	20,388	60,984
1980	95,641	24,830	70,811
1981	109,451	18,809	90,642
1982--			
1st quarter	21,918	1,969	19,949
2d quarter	26,975	2,928	24,047
3d quarter	15,081	1,680	13,401
4th quarter	7,238	914	6,324
1982 total	71,212	7,491	63,721
1983--			
1st quarter	6,717	494	6,223
2d quarter	8,472	355	8,117
3d quarter	10,051	686	9,365
4th quarter	10,487	1,068	9,419
1983 total	35,727	2,603	33,124
TO JAPAN			
1972	1,578	12	1,566
1973	264	--	264
1974	64	--	64
1975	119	--	119
1976	377	--	377
1977	172	73	99
1978	471	--	471
1979	739	--	739
1980	2,330	237	2,093
1981	1,477	360	1,117
1982--			
1st quarter	245	0	245
2d quarter	3	0	3
3d quarter	12	12	0
4th quarter	30	0	30
1982 total	290	12	278
1983--			
1st quarter	0	0	0
2d quarter	2,155	0	2,155
3d quarter	178	0	178
4th quarter	366	22	344
1983 total	2,699	22	2,677

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

¹Southern California consists of the San Diego and Los Angeles Customs Districts and includes all ports south of Monterey, California.

Table 25--Softwood lumber exports from Alaska ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL	WESTERN HEMLOCK	SITKA SPRUCE	CEDAR	OTHER SOFTWOODS
TO ALL COUNTRIES					
1972	340,196	155,407	184,649	0	140
1973	404,849	210,555	194,143	12	139
1974	362,432	250,144	154,525	2,641	122
1975	313,307	179,398	132,556	1,353	0
1976	290,011	134,387	148,526	1,298	5,800
1977	250,044	122,544	121,350	5,579	571
1978	237,795	126,218	111,435	53	89
1979	278,462	172,005	103,844	479	2,134
1980	256,716	158,682	96,607	105	1,322
1981	195,981	104,974	91,007	0	0
1982--					
1st quarter	49,526	16,908	32,618	0	0
2d quarter	54,839	23,000	30,178	0	1,661
3d quarter	34,136	13,765	20,371	0	0
4th quarter	33,465	321,827	311,638	0	0
1982 total	171,966	75,500	94,805	0	1,661
1983--					
1st quarter	42,858	20,389	21,854	0	615
2d quarter	23,333	10,727	11,545	0	1,061
3d quarter	36,314	17,962	18,352	0	0
4th quarter	34,155	21,713	12,442	0	0
1983 total	136,660	70,791	64,193	0	1,676
TO JAPAN					
1972	336,798	152,555	184,243	0	0
1973	403,938	210,536	193,390	12	0
1974	361,691	204,845	154,205	2,641	0
1975	312,976	179,122	132,501	1,353	0
1976	289,197	134,274	148,221	902	5,800
1977	245,445	122,471	121,083	1,391	500
1978	236,615	125,355	111,207	53	0
1979	273,615	170,149	101,408	435	1,623
1980	251,369	156,654	94,610	105	0
1981	161,794	82,753	79,041	0	0
1982--					
1st quarter	39,046	13,050	25,996	0	0
2d quarter	53,846	23,000	30,178	0	668
3d quarter	29,469	13,315	16,154	0	0
4th quarter	33,465	21,827	11,638	0	0
1982 total	155,826	71,192	83,966	0	668
1983--					
1st quarter	34,269	18,795	14,937	0	537
2d quarter	22,230	10,626	10,543	0	1,061
3d quarter	29,008	13,116	15,892	0	0
4th quarter	34,155	21,713	12,442	0	0
1983 total	119,662	64,250	53,814	0	1,598
TO MAINLAND CHINA					
1981	27,149	18,428	8,721	0	0
1982--					
1st quarter	9,479	2,857	6,622	0	0
2d quarter	0	0	0	0	0
3d quarter	3,674	450	3,224	0	0
4th quarter	0	0	0	0	0
1982 total	13,153	3,307	9,846	0	0
1983--					
1st quarter	5,976	1,582	4,394	0	0
2d quarter	0	0	0	0	0
3d quarter	6,278	4,846	1,432	0	0
4th quarter	0	0	0	0	0
1983 total	12,254	6,428	5,826	0	0

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

Table 26--Softwood lumber exports to Canada from the Montana Customs District, 1972-83¹

(In thousand board feet)

YEAR AND QUARTER	TOTAL	DOUGLAS-FIR	WESTERN HEMLOCK	OTHER SOFTWOODS
1972	16,360	6,391	1,595	8,374
1973	47,727	30,526	3,334	13,867
1974	29,146	9,618	3,602	15,926
1975	50,226	12,745	4,516	32,965
1976	56,451	19,050	3,521	33,880
1977	46,488	12,660	3,463	30,365
1978	44,612	12,691	2,276	29,645
1979	81,671	22,067	1,632	57,972
1980	57,556	14,030	1,803	41,723
1981	82,933	18,196	1,308	63,429
1982--				
1st quarter	13,582	2,047	231	11,304
2d quarter	10,114	1,573	56	8,485
3d quarter	11,699	2,763	194	8,742
4th quarter	12,023	2,212	209	9,602
1982 total	47,418	8,595	690	38,133
1983--				
1st quarter	16,216	3,428	230	12,558
2d quarter	21,160	4,397	185	16,578
3d quarter	18,434	2,736	277	15,421
4th quarter	13,412	1,973	160	11,279
1983 total	69,222	12,534	852	55,836

Source--U.S. Department of Commerce.

¹Montana Customs District includes all ports in Montana and Idaho.

Table 27--Lumber exports from British Columbia ports, by species and destination, 1972-83

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO ALL COUNTRIES							
1972	3,834,552	707,112	1,801,818	406,409	634,563	278,836	5,814
1973	4,169,812	566,535	2,032,594	456,522	766,830	344,401	2,930
1974	3,938,940	527,706	1,699,277	406,419	914,787	387,043	3,708
1975	3,001,410	356,371	1,113,665	295,218	825,527	409,507	1,122
1976	4,670,033	542,197	1,967,446	467,829	1,191,429	499,853	1,279
1977	5,860,807	683,614	2,364,028	533,267	2,269,876	8,796	1,226
1978	5,876,119	679,566	2,492,764	570,796	2,116,258	15,674	1,061
1979	5,755,532	679,694	2,313,186	646,701	1,983,829	129,161	2,961
1980	5,160,800	498,425	2,098,672	988,347	1,872,234	99,624	3,498
1981	4,421,519	420,466	1,805,988	604,608	1,495,892	93,086	1,479
1982--							
1st quarter	1,045,913	99,313	451,692	166,216	56,025	272,403	264
2d quarter	1,236,274	99,590	508,243	176,105	64,291	387,718	327
3d quarter	1,018,860	86,096	420,486	151,808	41,548	309,280	9,642
4th quarter	941,852	54,933	423,578	141,736	46,354	274,940	311
1982 total	4,242,899	339,932	1,803,999	635,865	208,218	1,244,341	10,544
1983--							
1st quarter	1,173,746	80,455	503,998	161,250	62,562	363,111	2,370
2d quarter	1,231,102	92,469	556,169	183,459	42,115	355,453	1,437
3d quarter	1,170,095	83,730	558,274	169,082	44,826	313,650	533
4th quarter	1,222,476	82,212	520,193	193,551	44,272	381,476	772
1983 total	4,797,419	338,866	2,138,634	707,342	193,775	1,413,690	5,112
TO JAPAN							
1972	400,051	15,268	300,460	46,052	34,003	526	3,742
1973	617,449	12,987	441,852	88,946	71,531	1,849	284
1974	500,785	15,335	349,560	83,749	49,116	2,490	535
1975	407,674	12,870	301,336	60,490	30,488	2,405	85
1976	633,863	13,727	476,927	79,934	61,743	1,521	11
1977	705,823	18,530	530,567	90,447	65,943	85	251
1978	779,135	23,799	545,983	116,368	92,940	0	45
1979	1,014,481	44,021	677,425	158,121	133,358	546	1,010
1980	1,084,426	55,800	701,579	136,130	185,379	4,158	1,380
1981	867,636	34,239	577,901	129,256	125,324	717	199
1982--							
1st quarter	321,362	17,735	220,513	33,431	18,192	31,401	90
2d quarter	300,572	10,662	219,718	23,776	15,107	31,275	34
3d quarter	221,355	8,972	149,475	28,409	14,650	19,849	0
4th quarter	205,082	7,022	123,919	34,284	18,760	21,082	15
1982 total	1,048,371	44,391	713,625	119,900	66,709	103,607	139
1983--							
1st quarter	284,327	10,068	189,631	32,141	19,963	32,499	25
2d quarter	241,695	7,198	157,455	31,260	11,849	33,914	19
3d quarter	177,966R	6,039	107,190	22,699	18,636	23,374R	28
4th quarter	194,964	10,257	104,036	39,001	11,746	29,778	46
1983 total	898,952	33,562	558,412	125,101	62,194	119,565	118

Table 27--Lumber exports from British Columbia ports, by species and destination, 1972-83 (continued)

(In thousand board feet)

YEAR AND QUARTER	TOTAL, ALL SPECIES	DOUGLAS-FIR	HEMLOCK	CEDAR	SPRUCE	OTHER SOFTWOODS	HARDWOODS
TO UNITED STATES ¹							
1972	2,679,159	505,902	1,155,419	254,521	491,217	270,029	2,071
1973	2,601,556	347,653	1,143,329	240,978	544,634	322,316	2,646
1974	2,287,461	302,112	761,924	207,138	659,751	353,487	3,049
1975	2,026,343	238,331	542,256	166,949	684,404	393,391	1,012
1976	2,965,011	322,793	978,784	267,831	938,185	456,237	1,181
1977	4,107,653	529,808	1,340,920	333,604	1,894,371	7,988	962
1978	4,078,666	501,841	1,443,548	365,062	1,751,741	15,496	978
1979	3,528,648	462,658	1,125,807	382,991	1,429,014	126,536	1,642
1980	2,590,889	283,482	775,428	355,821	1,079,387	94,683	2,088
1981	2,337,958	228,856	803,019	394,800	813,733	96,305	1,245
1982--							
1st quarter	454,409	38,338	143,946	105,038	28,766	138,161	160
2d quarter	598,691	45,348	178,235	129,618	35,901	209,335	254
3d quarter	487,198	40,730	138,339	104,856	23,304	179,603	366
4th quarter	477,427	33,360	176,993	91,122	23,343	152,313	296
1982 total	2,017,725	157,776	637,513	430,634	111,314	679,412	1,076
1983--							
1st quarter	596,902	42,067	197,343	107,140	39,938	209,966	448
2d quarter	716,670	50,047	282,102	125,052	27,625	231,261	583
3d quarter	716,678	54,010	279,588	125,998	24,490	232,182	410
4th quarter	565,452	41,694	222,722	38,173	29,642	232,625	596
1983 total	2,595,702	187,818	981,755	396,363	121,695	906,034	2,037
TO MAINLAND CHINA							
1982--							
1st quarter	37	0	0	0	0	37	0
2d quarter	8,663	0	6,426	0	0	2,237R	0
3d quarter	15,481	0	6,290	0	0	0	9,191
4th quarter	19,025	0	16,161R	0	624	2,240	0
1982 total	43,206	0	28,877	0	624	4,514	9,191
1983--							
1st quarter	16,970	0	10,445	0	0	4,663	1,862
2d quarter	27,465	0	23,994	0	0	3,471	0
3d quarter	35,319	3,308	27,331	0	0	4,680	0
4th quarter	55,289	2,966	49,230	0	0	3,093	0
1983 total	135,043	6,274	111,000	0	0	15,907	1,862

Source--Bureau of Economics and Statistics, Department of Industrial Development, Trade, and Commerce, Victoria, B.C., "Preliminary Statement of External Trade."

¹Figures do not include shipments of railroad crossties.

R = revised.

Table 28--Plywood exports from Washington and Oregon ports, by origin and destination, 1972-83

(In thousand square feet)

YEAR AND QUARTER	FROM BOTH CUSTOMS DISTRICTS		FROM WASHINGTON CUSTOMS DISTRICT		FROM OREGON 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
TO ALL COUNTRIES						
1972	122,242	3,603	23,241	3,342	99,001	261
1973	284,806	6,337	45,493	5,546	239,313	791
1974	284,487	6,590	131,317	5,604	153,170	986
1975	407,117	10,493	93,951	10,360	313,166	133
1976	532,576	24,229	34,020	23,846	498,556	383
1977	233,762	17,673	20,603	17,447	213,159	226
1978	242,105	12,160	23,284	8,871	218,821	3,289
1979	330,018	9,962	27,132	9,644	302,886	318
1980	279,003	9,718	20,747	8,806	258,256	912
1981	327,967	18,645	65,729	17,333	262,238	1,312
1982--						
1st quarter	61,985	3,009	8,562	3,003	53,423	6
2d quarter	54,367	2,326	10,519	2,326	43,848	0
3d quarter	26,117	1,352	8,687	1,348	17,430	4
4th quarter	79,140	2,748	8,500	2,669	70,640	79
1982 total	221,609	9,435	36,268	9,346	185,341	89
1983--						
1st quarter	109,950	4,445	10,297	4,311	99,653	134
2d quarter	100,036	4,884	11,347	4,804	88,689	80
3d quarter	40,582	4,576	7,599	4,569	32,983	7
4th quarter	71,818	2,636	8,765	2,636	63,053	0
1983 total	322,386	16,541	38,008	16,320	284,378	221
TO JAPAN						
1972	734	34	432	0	302	34
1973	8,139	247	1,625	0	6,514	247
1974	3,311	188	1,203	11	2,108	177
1975	2,141	14	414	0	1,727	14
1976	2,361	61	498	61	1,863	0
1977	1,914	162	122	74	1,792	88
1978	2,821	13	167	18	2,654	0
1979	6,040	108	931	108	5,109	0
1980	8,301	978	4,158	978	4,143	0
1981	5,056	13	2,162	12	2,894	1
1982--						
1st quarter	1,671	0	408	0	1,263	0
2d quarter	2,523	0	948	0	1,575	0
3d quarter	629	0	524	0	105	0
4th quarter	1,897	19	1,272	19	625	0
1982 total	6,720	19	3,152	19	3,568	0
1983--						
1st quarter	1,264	0	910	0	354	0
2d quarter	1,047	13	765	0	282	13
3d quarter	1,583	3	1,108	0	475	3
4th quarter	1,786	0	1,190	0	596	0
1983 total	5,680	16	3,973	0	1,707	16
TO MAINLAND CHINA						
1982--						
1st quarter	0	0	0	0	0	0
2d quarter	0	1	0	1	0	0
3d quarter	0	0	0	0	0	0
4th quarter	0	0	0	0	0	0
1982 total	0	1	0	1	0	0
1983--						
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	0	0	0	0	0	0
1983 total	0	0	0	0	0	0

Source--U.S. Department of Commerce. Oregon Customs District includes all Oregon ports plus Longview and Vancouver, Washington. Washington 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.

Table 29--Plywood exports from California, 1972-83^{1/}

(In thousand square feet)

YEAR AND QUARTER	TOTAL	NORTHERN CALIFORNIA		SOUTHERN CALIFORNIA	
		SOFTWOOD, 3/8- INCH BASIS	HARDWOOD, SURFACE MEASURE	SOFTWOOD, 3/8- INCH BASIS	HARDWOOD, SURFACE MEASURE
1972	15,429	6,633	668	5,941	2,187
1973	16,562	8,186	698	4,358	3,320
1974	18,177	4,985	305	7,978	4,909
1975	19,619	7,874	542	6,311	4,892
1976	19,696	10,085	92	4,681	5,111
1977	9,198	5,148	646	1,818	1,586
1978	6,036	2,833	899	964	1,340
1979	5,934	1,638	871	1,946	1,479
1980	9,054	1,414	849	3,546	3,245
1981	9,349	2,424	487	2,830	3,608
1982--					
1st quarter	1,419	547	69	391	412
2d quarter	2,173	917	205	533	518
3d quarter	2,209	774	556	457	422
4th quarter	1,663	788	534	176	165
1982 total	7,464	3,026	1,364	1,557	1,517
1983--					
1st quarter	1,356	524	58	195	579
2d quarter	2,567	1,302	497	207	561
3d quarter	<u>2/2,315</u>	933	259	<u>2/572</u>	551
4th quarter	1,890	683	160	356	691
1983 total	8,128	3,442	974	1,330	2,382

Source--U.S. Department of Commerce. Data are compiled from Department of Commerce records at the end of each quarter. Revisions which may have been made after this time are not shown.

^{1/}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, California.

^{2/}Of this amount, 11,000 square feet were exported to mainland China.

Table 30--Volume of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In thousand board feet, Scribner scale)

AGENCY					1982		1983				TOTAL
	1978	1979	1980	1981	TOTAL	4TH QTR.	1ST QTR.	2O QTR.	3O QTR.	4TH QTR.	
Western Washington:											
U.S. Forest Service ¹	1,097,548	1,222,548	1,114,024	1,224,969	1,066,085	177,832	333,610	310,440	275,030	234,739	1,153,819
U.S. Bur. Indian Affairs	66,923	22,882	6,927	13,460	2,535	0	839	4,549	6,481	1,784	13,653
State of Washington ²	175,155	1,150,935	503,565	368,885	601,935	131,935	152,160	96,875	57,395	230,865	537,295
Total	1,339,675	2,396,365	1,624,516	1,607,014	1,670,555	309,767	486,609	411,864	338,906	467,388	1,704,767
Eastern Washington:											
U.S. Forest Service ¹	382,902	420,819	428,631	389,029	322,315	23,035R	80,772	94,276	234,415	85,863	495,326
U.S. Bur. Land Manage.	54	2,645	1,798	3,898	3,025	0	0	0	3,250	164	3,414
U.S. Bur. Indian Affairs	157,396	140,247	211,205	53,795	44,583	2,041	2,689	41,981	104,242	16,744	165,656
State of Washington ²	30,385	125,505	80,345	53,710	89,620	32,335	12,410	8,705	26,025	15,095	62,325
Total	570,737	689,216	721,979	500,432	459,543	57,411	95,871	144,962	367,932	117,866	726,631
Western Oregon:											
U.S. Forest Service ¹	2,242,355	2,441,324	2,643,716	2,373,903	2,418,057	461,098	906,967	381,433	479,813	411,132	2,179,345
U.S. Bur. Land Manage.	1,110,451	889,797	1,150,026	1,030,627	1,214,330	254,389	217,953	240,675	339,437	247,859	1,045,924
U.S. Bur. Indian Affairs ³	0	0	0	3,340	0	0	0	2,361	0	0	2,361
State of Oregon	210,353	219,378	238,931	135,461	301,947	105,779	26,091	95,737	78,741	67,847	268,416
Total	3,563,159	3,550,499	4,032,673	3,548,331	3,934,334	821,266	1,151,011	720,206	897,991	726,838	3,496,046
Eastern Oregon:											
U.S. Forest Service ¹	1,115,280	1,271,677	1,168,327	1,294,928	1,164,264	250,574	356,626	209,789	357,350	224,584	1,148,349
U.S. Bur. Land Manage.	12,152	6,525	2,301	17,864	15,197	0	0	14,792	4,417	3	19,212
U.S. Bur. Indian Affairs	152,320	15,439	25,480	55,032	89,438	0	0	11,270	6,100	0	17,370
State of Oregon	8,379	7,499	5,992	1,040	13,350	789	0	1,726	0	0	1,726
Total	1,288,131	1,301,140	1,202,100	1,368,864	1,282,249	251,363	356,626	237,577	367,867	224,587	1,186,657
All public lands:											
U.S. Forest Service ¹	4,838,134	5,356,368	5,354,698	5,287,829	4,970,721	912,539	1,677,975	995,938	1,346,608	956,318	4,976,839
U.S. Bur. Land Manage.	1,122,657	898,967	1,154,125	1,052,381	1,232,552	254,389	217,953	255,467	347,104	248,026	1,068,550
U.S. Bur. Indian Affairs ³	376,639	178,568	243,612	125,627	136,556	2,041	3,528	60,161	116,823	18,528	199,040
State of Washington ²	205,540	1,276,440	583,910	422,595	691,555	164,270	164,570	105,580	83,420	245,960	599,530
State of Oregon	218,732	226,877	244,923	136,501	315,297	106,568	26,091	97,463	78,741	67,847	270,142
Total	6,761,702	7,937,220	7,581,268	7,024,941	7,346,691	1,439,807	2,090,117	1,514,609	1,972,696	1,536,679	7,114,101

Source--respective agencies listed.

¹Convertible products only.²Excludes sales under \$2,000.³Siletz Reservation formed 1980.

R = revised.

Table 31--Average stumpage prices of timber sold on publicly owned or managed lands, Washington and Oregon, 1978-83

(In dollars per thousand board feet)

AGENCY	1978	1979	1980	1981	1982		1983				AVERAGE
					AVERAGE	4TH QTR.	1ST QTR.	20 QTR.	3D QTR.	4TH QTR.	
Western Washington:											
U.S. Forest Service ¹	129.57	224.68	208.06	180.57	61.48	105.80	61.38	84.11	64.74	88.22	73.84
U.S. Bur. Indian Affairs	120.34	264.95	182.32	129.09	128.64	--	90.73	103.53	98.79	82.28	97.71
State of Washington ²	231.31	332.10	304.71	208.95	146.88	11.90	152.17	135.45	205.78	132.16	147.00
Average	142.84	276.66	237.91	186.65	92.35	108.40	90.02	97.34	89.28	109.90	97.09
Eastern Washington:											
U.S. Forest Service ¹	186.69	104.68	90.92	77.57	30.61	35.87	50.07	56.09	25.51	44.36	38.60
U.S. Bur. Land Manage.	123.48	16.80	21.25	105.60	43.64	--	--	--	57.86	51.52	51.84
U.S. Bur. Indian Affairs	165.37	212.01	162.32	173.78	191.17	11.01	61.71	89.30	135.61	178.95	127.06
State of Washington ²	162.13	210.79	207.67	198.94	115.52	107.03	75.46	78.50	60.40	68.22	67.83
Average	179.49	145.50	124.63	101.15	62.83	75.06	53.68	67.05	59.41	66.55	61.34
Western Oregon:											
U.S. Forest Service ¹	210.96	332.09	354.60	276.36	92.44	100.26	138.74	131.32	114.29	124.28	129.33
U.S. Bur. Land Manage.	196.36	292.59	323.63	246.68	89.40	102.66	130.89	125.59	123.30	118.97	131.14
U.S. Bur. Indian Affairs ³	--	--	--	365.16	--	--	--	170.20	--	--	170.20
State of Oregon	226.23	314.93	332.25	262.31	117.52	115.61	144.12	186.42	159.36	150.88	165.39
Average	207.31	321.13	344.44	269.30	93.43	102.98	143.52	136.86	121.65	124.95	132.67
Eastern Oregon:											
U.S. Forest Service ¹	171.04	169.55	130.22	144.49	77.28	43.81	89.52	77.20	77.63	79.99	81.70
U.S. Bur. Land Manage.	206.17	103.25	118.72	84.31	62.45	--	--	43.00	106.41	80.00	57.58
U.S. Bur. Indian Affairs	113.72	196.29	266.61	112.47	82.85	--	--	169.54	87.13	--	140.60
State of Oregon	134.91	229.38	186.29	16.00	111.66	19.89	--	59.68	--	--	59.68
Average	164.36	169.88	133.37	142.32	56.33	43.74	89.52	79.32	78.13	79.99	82.14
All public lands:											
U.S. Forest Service ¹	181.49	251.12	254.06	208.60	72.69	84.22	108.69	98.08	78.99	97.85	96.45
U.S. Bur. Land Manage.	196.46	290.41	322.75	243.40	88.96	102.06	130.89	120.81	122.41	118.93	129.56
U.S. Bur. Indian Affairs ³	136.48	217.43	173.80	147.23	119.00	11.01	68.61	108.57	131.04	169.65	126.74
State of Washington ²	221.08	320.17	291.35	207.68	142.82	110.94	146.38	134.43	160.43	128.23	138.71
State of Oregon	222.73	312.10	328.68	260.43	114.27	114.90	144.12	184.18	159.36	150.88	164.71
Average	184.01	267.66	267.21	213.67	84.80	92.69	117.73	110.40	96.36	109.32	108.43

Source--respective agencies listed.

¹Prices 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 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).

²Excludes sales under \$2,000.

³Siletz Reservation formed 1980.

Table 32--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Northwest Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR										OTHER TRUE FIRS	ALL SPECIES					
	WEST SIDE		EAST SIDE		PONDEROSA AND JEFFREY PINES		SUGAR PINE	WHITE PINE	LOGPOLE PINE	ENGELMANN SPRUCE			SITKA SPRUCE	WESTERN HEMLOCK	CECARS ²	LARCH	NOBLE FIR AND SHASTA RED FIR
	WEST SIDE	EAST SIDE	WEST SIDE	EAST SIDE	WESTERN HEMLOCK	WESTERN HEMLOCK											
1972	71.70	15.60	38.40	26.00	35.80	10.60	27.20	28.00	49.00	67.50	13.50	100.20	33.00	53.20			
1973	138.10	60.40	77.70	60.50	50.70	38.40	55.60	93.40	99.20	146.80	53.90	81.40	73.80	102.80			
1974	202.40	68.20	110.60	139.10	121.00	25.40	50.20	72.60	110.80	217.00	11.00	136.20	80.90	142.40			
1975	169.50	34.30	43.10	109.90	84.40	15.40	13.70	75.90	68.50	119.20	5.80	117.70	45.10	101.60			
1976	176.20	38.60	79.40	118.90	116.00	40.20	10.50	83.10	78.10	160.30	20.30	105.60	55.00	113.20			
1977	225.90	71.20	138.40	162.80	142.70	35.40	36.50	103.00	89.20	149.60	62.10	128.90	85.10	153.80			
1978	250.31	98.50	218.70	207.90	123.70	41.60	85.40	109.50	111.70	206.60	56.40	122.50	99.10	185.00			
1979	394.30	81.70	238.00	267.30	181.90	47.10	51.60	227.90	197.10	329.10	90.50	211.30	189.80	270.00			
1980	432.20	70.80	190.80	167.00	102.80	44.60	34.20	306.50	208.00	301.00	43.60	241.80	167.90	285.50			
1981	350.20	94.00	206.40	174.50	100.60	36.60	15.00	238.00	162.00	168.70	69.70	147.30	103.90	230.60			
1982--																	
1st quarter	152.10	59.20	110.00	84.20	105.60	33.30	6.00	86.30	48.90	101.90	18.50	48.60	70.38	109.20			
2d quarter	97.60	36.10	78.60	32.60	29.00	15.50	18.40	93.10	33.20	106.80	58.30	50.30	31.20	69.30			
3d quarter	91.70	27.80	54.60	95.10	41.30	9.50	21.90	25.50	37.80	72.90	15.30	16.30	24.80	59.20			
4th quarter	134.30	29.30	73.10	107.70	54.40	17.20	8.50	41.70	69.00	142.20	15.90	16.00	43.40	96.40			
1982 average	118.20R	35.80R	78.60R	83.60R	50.00R	17.40R	19.50	49.50	44.60	101.90	37.50	28.40	40.00	80.20			
1983--																	
1st quarter	180.50	31.70	132.70	64.00	24.80	18.90	22.10	25.90	52.60	51.00	31.60	39.50	57.10	122.60			
2d quarter	152.80	57.00	127.90	165.60	40.40	22.30	37.60	18.50	71.80	102.90	22.80	61.00	77.30	112.90			
3d quarter	142.20	30.70	129.70	161.70	136.90	21.80	42.60	35.20	55.00	68.40	18.90	83.60	50.90	93.90			
4th quarter	154.80	39.30	157.40	247.20	78.50	11.00	19.70	43.60	83.20	173.90	62.10	20.90	54.70	119.10			
1983 average	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			

Source--Forest Service, U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

¹Prices 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 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).

²Includes Port-Orford-cedar.

R = revised.

Table 33--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/} 2/

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

NATIONAL FOREST	OUGLAS-FIR				PONOEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Western Oregon:												
Mount Hood--												
1st qtr.	96,955	207.60	4,120	27.70	1,480	17.28	42,635	73.30	210	7.37	190,449	126.51
2d qtr.	23,639	196.75	1,150	21.91	1,090	93.23	8,240	121.90	1,310	3.39	41,954	142.02
3d qtr.	28,252	174.36	11,400	49.78	1,000	20.33	19,015	99.67	10,280	16.32	82,589	97.96
4th qtr.	33,418	136.56	6,350	38.50	5,160	88.56	14,657	182.83	8,030	34.01	80,853	106.02
Total and average	182,264	188.01	23,020	41.33	8,730	69.24	84,547	102.96	19,830	22.53	395,845	118.01
Rogue River--												
1st qtr.	24,750	204.44	0	--	3,850	70.71	110	14.13	10,570	164.63	48,810	157.15
2d qtr.	22,775	159.25	0	--	520	27.05	0	--	16,755	97.87	44,841	117.49
3d qtr.	29,665	105.60	0	--	1,067	54.21	0	--	19,405	159.47	57,797	114.85
4th qtr.	22,675	209.96	0	--	1,205	147.22	0	--	11,330	108.55	41,890	161.45
Total and average	99,865	166.02	0	--	6,642	78.52	110	14.13	58,060	132.70	193,338	137.05
Siskiyou--												
1st qtr.	33,305	205.84	0	--	110	45.98	1,460	8.92	200	11.92	40,870	182.95
2d qtr.	37,750	133.89	0	--	860	24.16	40	33.38	530	12.76	49,450	122.69
3d qtr.	36,560	167.95	0	--	150	102.11	2,300	12.86	880	42.49	45,527	162.97
4th qtr.	16,110	161.83	0	--	290	48.12	490	24.10	0	--	20,700	194.58
Total and average	123,725	167.47	0	--	1,410	35.82	4,290	13.00	1,610	28.91	156,547	159.64
Siuslaw--												
1st qtr.	118,891	168.04	0	--	0	--	14,160	84.68	0	--	150,423	145.39
2d qtr.	55,931	169.09	0	--	0	--	9,320	114.63	0	--	70,127	151.61
3d qtr.	49,228	124.96	0	--	0	--	5,330	38.27	0	--	62,375	106.88
4th qtr.	48,216	147.33	0	--	0	--	3,060	63.55	100	43.97	55,930	133.35
Total and average	272,266	156.80	0	--	0	--	31,870	83.65	100	43.97	338,855	137.60
Umpqua--												
1st qtr.	123,411	221.48	0	--	0	--	5,900	19.97	12,600	10.44	167,911	168.46
2d qtr.	47,883	203.88	0	--	0	--	2,500	18.96	0	--	58,931	168.97
3d qtr.	60,640	162.88	0	--	1,390	123.59	800	45.70	1,270	7.35	81,230	137.43
4th qtr.	44,850	142.15	0	--	0	--	0	--	0	--	50,890	135.45
Total and average	276,784	192.74	0	--	1,390	123.59	9,200	21.93	13,870	10.16	358,962	156.84
Willamette--												
1st qtr.	179,580	193.90	0	--	500	34.13	30,760	13.10	8,660	19.68	301,018	119.98
2d qtr.	66,320	147.59	0	--	0	--	10,730	84.17	1,440	23.79	103,322	111.70
3d qtr.	84,610	194.59	0	--	1,300	137.97	19,690	33.75	940	59.40	138,995	130.50
4th qtr.	91,215	172.10	0	--	0	--	17,840	48.31	2,300	11.05	149,255	119.77
Total and average	421,725	182.04	0	--	1,800	109.13	79,020	35.84	13,340	21.44	692,590	120.81
All western Oregon:												
1st qtr.	576,892	197.91	4,120	27.70	5,940	53.09	95,025	51.14	32,240	63.46	899,481	139.71
2d qtr.	254,298	166.50	1,150	21.91	2,470	55.25	30,830	98.11	20,035	84.11	368,625	134.08
3d qtr.	288,955 ^R	161.59 ^R	11,400	49.78	4,907	90.62	47,135	60.04	32,775	102.67	468,513	124.05
4th qtr.	256,484	160.52	6,350	38.53	6,655	97.42	36,047	103.97	21,760	70.44	399,518	129.13
Total and average	1,376,629	177.52	23,020	41.33	19,972	77.35	209,037	69.18	106,810	80.79	2,136,137	133.33
Western Washington:												
Gifford Pinchot--												
1st qtr.	45,050	116.43	0	--	0	--	17,800	90.65	24,315	92.27	101,545	112.84
2d qtr.	67,290	143.18	0	--	0	--	13,750	49.96	19,085	81.11	115,155	107.04
3d qtr.	40,881	113.83	0	--	0	--	11,630	55.24	36,690	57.15	104,881	71.25
4th qtr.	64,534	158.46	0	--	0	--	10,253	56.35	16,060	103.94	103,814	125.71
Total and average	217,755	147.01	0	--	0	--	53,433	65.89	96,150	78.61	425,395	104.15
Mount Baker-Snoqualmie--												
1st qtr.	9,370	104.91	0	--	0	--	30,893	52.63	11,200	86.55	70,810	57.24
2d qtr.	17,835	67.54	0	--	0	--	39,531	67.19	13,410	133.81	88,278	75.51
3d qtr.	7,790	96.14	0	--	0	--	16,256	93.03	7,945	65.88	42,481	84.42
4th qtr.	15,315	81.19	0	--	0	--	10,745	64.00	17,760	78.22	52,940	68.94
Total and average	50,136	78.90	0	--	0	--	97,425	66.53	50,315	92.96	254,509	70.55
Olympic--												
1st qtr.	46,930	26.79	0	--	0	--	79,970	43.98	0	--	155,480	34.12
2d qtr.	17,310	97.56	0	--	0	--	53,680	65.40	2,900	159.44	93,857	76.36
3d qtr.	48,100	76.61	0	--	0	--	33,090	58.00	7,850	68.39	139,250	47.79
4th qtr.	10,400	107.52	0	--	800	97.18	16,290	76.71	17,300	21.54	56,190	69.47
Total and average	122,740	63.13	0	--	800	97.18	183,030	55.71	28,050	48.91	444,777	51.77

Table 33--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/} 2/ (continued)
 (Volume in thousand board feet, Scribner price scale; value in dollars per thousand board feet)

NATIONAL FOREST	DOUGLAS-FIR				PONDEROSA AND JEFFREY PINES		WESTERN HENLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
All western Washington:												
1st qtr.	101,350	94.01	0	--	0	--	128,663	52.51	35,515	90.46	327,835	63.50
2d qtr.	102,435	122.30	0	--	0	--	106,961	64.07	35,395	107.52	297,290	87.99
3d qtr.	96,771	93.91	0	--	0	--	60,976	66.81	52,485	60.16	286,612	61.80
4th qtr.	90,249	139.48	0	--	800	97.18	37,288	67.46	51,120	67.12	212,944	96.74
Total and average	390,811	111.90	0	--	800	97.18	333,888	60.50	174,515	77.97	1,124,681	75.83
All western Oregon and western Washington:												
1st qtr.	678,242	182.39	4,120	27.70	5,940	53.09	223,688	51.93	67,755	77.92	1,227,316	119.36
2d qtr.	356,733	153.81	1,150	21.91	2,470	55.25	137,791	71.69	55,430	99.06	665,915	113.50
3d qtr.	385,732 ^R	144.61 ^R	11,400	49.78	4,907	90.62	108,111	63.86	85,260	76.50	755,125	100.42
4th qtr.	346,733	155.05	6,350	38.53	7,455	97.39	73,335	85.40	72,880	68.11	612,462	117.87
Total and average	1,767,440	163.01	23,020	41.33	20,772	78.11	542,925	63.84	281,325	79.04	3,269,818	113.50
Eastern Oregon:												
Deschutes--												
1st qtr.	0	--	0	--	28,160	144.71	0	--	130	3.68	40,710	104.32
2d qtr.	0	--	1,720	117.09	9,913	228.70	0	--	197	20.00	25,049	112.34
3d qtr.	0	--	430	39.21	27,207	175.42	0	--	4,100	18.37	72,047	77.75
4th qtr.	0	--	0	--	10,040	271.46	0	--	50	1.00	10,588	258.45
Total and average	0	--	2,150	10.43	75,320	183.75	0	--	4,477	17.82	148,694	103.77
Fremont--												
1st qtr.	0	--	0	--	12,290	67.24	0	--	3,750	11.24	25,455	45.33
2d qtr.	0	--	0	--	22,450	196.39	0	--	1,300	10.93	23,950	184.69
3d qtr.	0	--	0	--	51,943	125.27	0	--	9,320	41.25	66,698	106.60
4th qtr.	0	--	0	--	7,580	137.02	0	--	5,400	28.89	12,980	92.00
Total and average	0	--	0	--	94,253	135.60	0	--	19,770	30.19	129,083	107.54
Malheur--												
1st qtr.	0	--	5,815	11.71	62,330	117.01	0	--	4,635	2.58	75,845	99.45
2d qtr.	0	--	1,630	9.50	27,930	133.96	0	--	1,156	8.75	30,975	123.68
3d qtr.	0	--	7,141	8.82	34,929	171.37	0	--	3,510	8.38	50,800	121.82
4th qtr.	0	--	6,295	19.80	23,260	137.77	0	--	4,155	18.35	39,250	87.22
Total and average	0	--	20,881	12.99	148,449	135.93	0	--	13,456	9.51	196,870	106.63
Ochoco--												
1st qtr.	0	--	2,400	16.29	44,170	77.54	0	--	0	--	46,570	74.38
2d qtr.	0	--	4,250	27.83	18,120	91.60	0	--	1,700	24.29	24,070	75.59
3d qtr.	0	--	4,770	8.88	31,347	109.82	0	--	0	--	36,117	96.47
4th qtr.	0	--	2,350	18.86	27,420	139.01	0	--	1,665	15.82	33,685	115.38
Total and average	0	--	13,770	17.73	121,057	101.93	0	--	3,365	20.10	140,442	90.11
Umatilla--												
1st qtr.	0	--	7,000	27.90	6,000	120.39	0	--	13,500	19.39	40,770	29.23
2d qtr.	0	--	1,000	9.65	1,300	13.65	0	--	4,800	28.57	10,100	17.58
3d qtr.	0	--	4,600	10.57	4,710	63.06	0	--	21,600	23.79	48,660	27.63
4th qtr.	0	--	5,420	26.09	3,570	32.93	0	--	21,170	28.73	49,900	17.88
Total and average	0	--	18,020	21.92	15,580	74.12	0	--	61,070	24.90	149,430	24.13
Wallowa-Whitman--												
1st qtr.	0	--	12,405	19.60	14,340	62.81	0	--	12,700	18.91	61,545	24.53
2d qtr.	0	--	16,930	11.30	14,120	39.06	0	--	10,100	5.25	43,446	18.40
3d qtr.	0	--	4,100	27.27	4,208	159.16	0	--	920	40.17	13,758	69.44
4th qtr.	0	--	4,060	26.62	10,392	137.80	0	--	6,500	26.22	36,237	50.17
Total and average	0	--	37,495	17.45	46,060	82.53	0	--	30,220	16.57	154,986	32.79
Winema--												
1st qtr.	0	--	800	6.41	48,600	247.80	0	--	10,900	62.57	66,000	195.24
2d qtr.	0	--	0	--	4,700	112.84	0	--	11,200	130.49	16,600	120.65
3d qtr.	0	--	0	--	13,350	228.40	0	--	4,750	31.57	18,900	170.68
4th qtr.	0	--	0	--	19,220	197.25	0	--	270	102.00	25,300	156.35
Total and average	0	--	800	6.41	85,870	225.00	0	--	27,120	85.59	126,800	174.06
All eastern Oregon:												
1st qtr.	0	--	28,420	19.38	215,890	135.54	0	--	45,615	27.15	356,895	89.67
2d qtr.	0	--	25,530	21.00	98,533	133.73	0	--	30,453	56.52	174,190	91.09
3d qtr.	0	--	21,041	13.43	167,694	147.43	0	--	44,200	26.93	306,980	90.92
4th qtr.	0	--	18,125	23.09	101,472	158.41	0	--	39,210	27.16	207,940	86.87
Total and average	0	--	93,116	19.20	583,589	142.63	0	--	159,478	32.70	1,046,305	89.57

Table 33--Volume and average stumpage price of selected species on the National Forests of the Pacific Northwest Region, 1983^{1/} ^{2/} (continued)

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

NATIONAL FOREST	DOUGLAS-FIR				PONOEROSA AND JEFFREY PINES		WESTERN HEMLOCK		TRUE FIRS ^{3/}		ALL SPECIES	
	WEST SIDE		EAST SIDE		VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE	VOLUME	VALUE
	VOLUME	VALUE	VOLUME	VALUE								
Eastern Washington:												
Colville--												
1st qtr.	0	--	77	80.89	700	24.04	176	50.25	2,300	12.95	30,600	20.29
2d qtr.	0	--	3,998	160.63	0	--	74	65.82	3,905	16.83	14,935	58.10
3d qtr.	0	--	7,00	51.29	3,300	96.79	1,792	6.94	110	47.53	31,210	39.78
4th qtr.	0	--	772	108.97	750	151.97	0	--	7,380	53.53	20,494	69.90
Total and average	0	--	11,847	92.14	4,750	94.72	2,042	12.81	13,695	36.17	97,239	42.81
Okanogan--												
1st qtr.	0	--	20,300	27.56	9,200	141.17	0	--	0	--	31,300	61.09
2d qtr.	0	--	22,000	67.45	1,935	71.00	0	--	0	--	23,935	67.74
3d qtr.	0	--	16,500	40.22	7,054	13.72	0	--	0	--	24,754	32.22
4th qtr.	0	--	16,300	64.71	1,200	115.00	0	--	0	--	18,800	64.22
Total and average	0	--	75,100	50.09	19,389	86.18	0	--	0	--	98,789	56.06
Wenatchee--												
1st qtr.	0	--	5,260	127.60	2,100	68.18	2,140	19.13	5,010	114.81	6,720	86.67
2d qtr.	0	--	4,930	121.51	2,400	41.32	0	--	4,025	18.65	14,320	62.00
3d qtr.	0	--	56,019	27.90	13,070	67.17	16,500	6.21	31,950	17.61	125,732	25.49
4th qtr.	0	--	7,685	14.23	6,315	58.18	0	--	6,470	43.26	21,580	35.72
Total and average	0	--	73,894	39.82	23,885	62.29	18,640	7.70	47,455	31.46	178,352	35.40
All eastern Washington:												
1st qtr.	0	--	25,637	48.24	12,000	121.56	2,316	21.49	7,310	82.76	78,620	50.65
2d qtr.	0	--	30,928	88.11	4,335	54.57	74	65.82	7,930	17.76	53,190	63.49
3d qtr.	0	--	79,519	32.51	23,424	55.25	18,292	6.28	32,060	17.70	181,696	28.86
4th qtr.	0	--	24,757	50.42	8,265	74.91	0	--	13,850	48.73	60,874	56.03
Total and average	0	--	160,841	48.47	48,024	75.14	20,682	8.20	61,150	32.51	374,380	42.77
All eastern Oregon and eastern Washington:												
1st qtr.	0	--	54,057	33.08	227,890	134.80	2,316	21.49	52,925	34.84	435,515	82.62
2d qtr.	0	--	56,458	57.77	102,868	130.40	74	65.82	38,383	48.51	227,380	84.63
3d qtr.	0	--	100,560	28.52	191,118	136.13	18,292	6.28	76,260	23.05	488,676	67.85
4th qtr.	0	--	42,882	38.87	109,737	152.12	0	--	53,060	32.79	267,014	79.84
Total and average	0	--	253,957	37.74	631,613	137.50	20,682	8.20	220,628	32.65	1,418,585	77.33
Pacific Northwest Region:												
1st qtr.	678,242	182.39	58,177	32.69	233,830	132.73	226,004	51.62	120,680	58.85	1,662,831	109.74
2d qtr.	356,733	153.81	57,608	56.70	105,338	128.63	137,865	71.69	93,813	78.38	893,295	106.15
3d qtr.	385,732R	144.61R	111,960	30.68	196,025	134.99	126,403	55.53	161,520	51.26	1,243,801	87.92
4th qtr.	346,733	155.05	49,232	38.82	117,192	148.64	73,335	85.40	125,940	53.23	888,276	106.11
Total and average	1,767,440	163.01	276,977	38.04	652,385	135.61	563,607	61.80	501,953	58.65	4,679,403	102.53
All of Oregon:												
1st qtr.	576,892	197.91	32,540	20.43	221,830	133.33	95,025	51.14	77,855	42.19	1,256,376	125.50
2d qtr.	254,298	166.50	26,680	21.04	101,003	131.81	30,830	98.11	50,488	67.47	542,815	120.28
3d qtr.	288,955R	161.59R	32,441	26.20	172,601	145.82	47,135	60.04	76,975	59.18	775,493	110.93
4th qtr.	256,484	160.52	24,475	27.09	108,127	154.66	36,047	103.97	60,970	42.60	607,658	114.41
Total and average	1,376,629	177.52	116,136	23.59	603,561	140.47	209,037	69.18	266,288	51.99	3,180,342	119.01
All of Washington:												
1st qtr.	101,350	94.01	25,637	48.24	12,000	121.56	130,979	51.96	42,825	89.15	406,455	61.01
2d qtr.	102,435	122.30	30,928	88.11	4,335	54.57	107,035	64.08	43,325	91.09	350,480	84.27
3d qtr.	96,771	93.91	79,519	32.51	23,424	55.25	79,268	52.84	84,545	44.06	468,308	49.02
4th qtr.	90,249	139.48	24,757	50.42	9,065	76.87	37,388	67.46	64,970	63.20	273,818	87.69
Total and average	390,811	111.90	160,841	48.47	48,824	75.50	354,570	57.45	235,665	66.18	1,499,061	67.58

Source--U.S. Department of Agriculture. Pacific Northwest Region includes Oregon and Washington.

^{1/}Preliminary.^{2/}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 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).^{3/} Does not include noble fir or Shasta red fir.

R = revised.

Table 34--Volume of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983				TOTAL	4TH QTR.	4TH QTR.	TOTAL
	1978	1979	1980	1981	TOTAL	4TH QTR.	1ST QTR.	2D QTR.	3D QTR.				
Montana:													
U.S. Forest Service ¹	533,161	512,023	579,943	536,133	547,509	132,058	123,057	220,534	155,954	90,330	589,875		
U.S. Bur. Land Manage. ²	4,576	9,148	11,079	9,061	6,265	128	75	557	14,044	1,699	16,375		
U.S. Bur. Indian Affairs	6,880	37,468	25,405	24,693	17,198	6,072	453	5,674	1,755	5,254	13,136		
State of Montana	25,036	28,110	24,662	28,853	25,417	6,980	5,481	5,922	5,918	6,232	23,553		
Total	569,653	586,749	642,089	598,740	596,442	145,238	129,066	232,687	177,671	103,515	642,939		
Idaho:													
U.S. Forest Service ¹	836,629	843,992	828,507	741,147	687,320	113,054	131,481	176,129	280,086	98,954	686,650		
U.S. Bur. Land Manage. ²	27,656	778	19,283	33,221	11,538	562	238	7,950	3,851	94	12,133		
U.S. Bur. Indian Affairs	8,491	1,609	2,381	14,484	7,070	0	0	8,376	0	229	8,605		
State of Idaho	120,261	179,307	222,137	14,820	38,727	15,142	22,012	28,525	8,901	23,236	82,674		
Total	993,039	1,025,686	1,072,308	803,672	744,655	128,758	153,731	220,980	292,838	122,513	790,062		
All public lands:													
U.S. Forest Service ¹	1,369,790	1,356,015	1,408,450	1,277,280	1,234,829	245,112	254,538	396,663	436,040	189,284	1,276,525		
U.S. Bur. Land Manage. ²	32,232	9,926	30,362	42,282	17,803	690	313	8,507	17,895	1,793	28,508		
U.S. Bur. Indian Affairs	15,371	39,077	27,786	39,177	24,268	6,072	453	14,050	1,755	5,483	21,741		
State of Montana	25,036	28,110	24,662	28,853	25,470	6,980	5,481	5,922	5,918	6,232	23,553		
State of Idaho	120,261	179,307	222,137	14,820	38,727	15,142	22,012	28,525	8,901	23,236	82,674		
Total	1,562,690	1,612,435	1,713,397	1,402,412	1,341,097	273,996	282,797	453,667	470,509	226,028	1,433,001		

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales.

Table 35--Average stumpage prices of timber sold on publicly owned or managed lands, Montana and Idaho, 1978-83
(In dollars per thousand board feet)

AGENCY	1982				1983						
	1978	1979	1980	1981	AVERAGE	4TH QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	AVERAGE
Montana:											
U.S. Forest Service ¹	62.12	59.66	43.31	57.46	29.80	30.37	34.73	33.39	30.91	39.63	33.97
U.S. Bur. Land Manage. ²	50.25	41.99	60.39	39.52	32.17	15.38	7.93	14.90	23.98	16.10	22.78
U.S. Bur. Indian Affairs	35.78	114.61	104.81	65.05	73.50	57.84	17.56	50.03	16.20	66.87	51.13
State of Montana	104.76	114.36	79.44	99.28	81.39	56.08	62.74	82.52	112.02	76.37	83.70
Average	63.58	65.52	47.43	59.52	33.28	32.74	35.84	35.00	32.92	42.84	35.86
Idaho:											
U.S. Forest Service ¹	52.10	63.56	40.74	43.27	28.28	23.32	54.29	44.91	48.03	39.00	47.13
U.S. Bur. Land Manage. ²	83.46	63.70	47.09	55.45	26.71	23.66	9.34	76.90	78.13	24.62	75.56
U.S. Bur. Indian Affairs	67.51	119.89	129.09	83.15	78.79	--	--	78.87	--	72.84	78.71
State of Idaho	133.14	102.23	92.21	101.83	45.28	34.70	90.53	64.02	36.06	74.61	71.04
Average	62.92	70.41	51.71	44.88	29.62	24.72	59.41	49.82	48.06	45.80	50.41
All public lands:											
U.S. Forest Service ¹	56.00	62.09	41.80	49.22	28.95	27.10	44.83	38.51	41.91	39.30	41.05
U.S. Bur. Land Manage. ²	78.75	43.69	51.94	38.92	28.63	22.12	9.00	72.84	35.63	16.54	45.24
U.S. Bur. Indian Affairs	53.31	114.83	106.53	71.74	75.04	57.84	17.56	67.23	16.20	67.12	62.04
State of Montana	104.76	114.36	79.44	99.28	81.39	56.08	62.74	82.52	112.02	76.37	83.70
State of Idaho	133.14	102.23	92.21	101.83	45.28	34.70	90.53	64.02	36.06	74.61	71.04
Average	63.16	68.63	50.11	51.13	31.25	28.97	48.65	42.22	42.34	44.45	43.88

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log prices.

Table 36--Average stumpage prices for sawtimber sold on National Forests by selected species, Northern Region, 1972-83¹

(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
1972	26.70	35.50	30.30	16.50	27.00	12.90	28.50	34.30	19.20	26.50
1973	50.70	66.50	65.90	38.30	65.80	42.60	45.20	66.30	46.10	53.30
1974	31.90	63.50	117.80	19.40	39.10	28.90	26.50	38.90	29.20	44.70
1975	14.40	22.40	36.20	19.20	10.90	2.00	42.50	20.30	4.80	18.30
1976	23.00	56.80	91.40	16.70	42.20	9.60	45.80	52.90	9.30	35.40
1977	41.50	96.60	122.70	38.30	61.40	11.90	72.00	72.20	20.20	53.20
1978	41.20	113.50	146.00	44.70	85.80	42.50	144.90	69.60	37.30	64.80
1979	51.90	127.20	185.60	34.40	75.90	62.10	117.20	91.40	43.90	70.90
1980	20.50	112.70	80.10	42.70	44.10	171.80	123.20	73.80	30.10	53.40
1981	44.20	74.20	149.70	54.50	63.00	61.40	95.60	67.20	78.40	63.90
1982	26.60	48.10	81.40	34.60	27.20	71.10	60.90	28.30	37.70	36.20
1983--										
1st quarter	38.30	63.90	108.40	26.50	32.30	71.60	133.40	46.00	48.60	48.12
2d quarter	35.40	24.30	120.60	40.60	31.10	58.20	140.80	61.00	84.20	51.90
3d quarter	65.99	32.97	68.95	31.60	86.90	32.10	163.10	31.70	31.20	63.10
4th quarter	23.40	152.70	86.50	33.50	67.60	2.10	96.90	52.40	101.10	52.40
1983 average	42.50	60.50	96.30	34.10	55.20	47.50	142.80	51.00	65.10	53.70

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

¹Prices 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 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).

Table 37--Volume of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1978	1979	1980	1981	1982				1983			
					TOTAL	4TH QTR.	1ST QTR.	2D QTR.	3D QTR.	4TH QTR.	TOTAL	
U.S. Forest Service ¹	175,140	93,733	145,285	163,700	71,429	252	978	6,696	71,502	1,298	80,474	
U.S. Bur. Land Manage. ²	142	22	125	32	1,270	0	0	0	0	0	0	
U.S. Bur. Indian Affairs	440	258,360	12,794	200	7,680	0	0	0	0	0	0	
State of Alaska	6,932	156,235	4,949	18,402	24,154	2,666	3,900	3,960	6,282	58,003	72,145	
Total	182,654	508,350	163,153	182,334	104,533	2,918	4,878	10,656	77,784	59,301	152,619	

Source--respective agencies listed.

¹Convertible products only.

²Does not include cull log sales or volume given away through free use permits.

Table 38--Average stumpage prices of timber sold on publicly owned or managed lands in Alaska, 1978-83
(In dollars per thousand board feet)

AGENCY	1982					1983				AVERAGE	
	1978	1979	1980	1981	AVERAGE	4TH QTR.	1ST QTR.	2D QTR.	3D QTR.		4TH QTR.
U.S. Forest Service ¹	51.73	159.71	101.72	46.91	32.03	45.15	17.24	65.76	9.84	21.86	14.78
U.S. Bur. Land Manage. ²	94.72	34.09	6.00	34.00	28.08	--	--	--	--	--	--
U.S. Bur. Indian Affairs	80.00	5.31	151.83	2.00	122.40	--	--	--	--	--	--
State of Alaska	26.60	3.22	24.63	19.21	18.23	20.41	17.06	18.93	6.96	106.12	87.96
Average	50.88	33.14	103.24	44.06	35.43	22.58	17.09	48.21	9.61	104.27	49.33

Source--respective agencies listed. Includes products other than sawtimber.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

Table 39--Average stumpage prices for sawtimber sold on National Forests by selected species, Alaska Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	SITKA SPRUCE	WESTERN HEMLOCK	CEDAR AND OTHER SOFTWOODS	ALL SPECIES
1972	7.30	7.90	1.00	7.60
1973	13.30	11.50	21.10	12.50
1974	41.80	22.30	41.70	28.80
1975	33.00	18.10	60.70	23.20
1976	25.10	12.00	67.30	28.00
1977	65.00	65.00	4.00	63.00
1978	99.17	4.27	136.17	40.57
1979	289.50	100.00	161.70	142.70
1980	213.30	18.40	437.40	101.10
1981	131.60	24.30	4.50	47.50
1982--				
1st quarter	30.10	6.20	1.60	10.60
2d quarter	34.90	6.40	27.10	30.80
3d quarter	128.20	23.60	71.80	47.40
4th quarter	66.30	6.70	3.90	22.80
1982 average	39.00	14.50	35.70	32.40
1983--				
1st quarter	24.50	7.70	13.80	17.10
2d quarter	70.50	47.20	6.90	60.50
3d quarter	19.95	5.00	8.90	9.80
4th quarter	17.00	5.80	7.00	20.30
1983 average	29.00	6.70	8.90	14.60

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

¹Prices 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 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).

Table 40--Volume of timber sold on publicly owned or managed lands in California, 1978-83
(In thousand board feet, Scribner scale)

AGENCY	1982					1983				TOTAL	
	1978	1979	1980	1981	TOTAL	4TH QTR.	1ST QTR.	2D QTR.	3D QTR.		4TH QTR.
U.S. Forest Service ¹	2,001,607	2,071,263	1,875,796	1,899,263	1,617,664	304,497	437,956	458,723	667,712	222,290	1,786,681
U.S. Bur. Land Manage. ²	13,107	4,195	17,203	14,471	33,385R	5,254	513	790	7,196	420	8,919
U.S. Bur. Indian Affairs	37,200	33,729	22,230	11,000	63,595	0	0	3,000	0	0	3,000
State of California	27,333	21,833	30,328	10,480	34,726	0	17,342	13,775	335	0	31,452
Total	2,079,247	2,131,020	1,945,557	1,935,214	1,749,370R	309,751	455,811	476,288	675,243	222,710	1,830,052

Source--respective agencies listed.

¹Convertible products only. Includes all of the Pacific Southwest Region and the portion of the Pacific Northwest Region in California.

²Does not include cull log sales or volume given away through free use permits.

R = revised.

Table 41--Average stumpage prices of timber sold on publicly owned or managed lands in California, 1978-83
(In dollars per thousand board feet)

AGENCY	1982				1983				AVERAGE		
	1978	1979	1980	1981	AVERAGE	4TH QTR.	1ST QTR.	2D QTR.		3D QTR.	4TH QTR.
U.S. Forest Service ¹	145.57	201.08	241.39	149.78	53.87	51.72	83.83	60.86	64.77	82.59	70.66
U.S. Bur. Land Manage. ²	96.39	102.59	173.25	84.26	41.10	37.97	83.84	20.07	88.41	55.96	78.47
U.S. Bur. Indian Affairs	125.34	157.70	158.28	224.73	153.90	--	--	110.00	--	--	110.00
State of California	273.35	370.76	283.94	190.57	133.93	--	247.97	116.05	97.64	--	188.59
Average	146.58	201.94	240.51	180.70	58.86	51.49	90.04	62.70	65.04	82.54	72.79

Source--respective agencies listed.

¹Prices 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 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).

²Does not include cull log sales or volume given away through free use permits.

Table 42--Average stumpage prices for sawtimber sold on National Forests by selected species, Pacific Southwest Region, 1972-83¹

(In dollars per thousand board feet)

YEAR AND QUARTER	DOUGLAS-FIR	PONDEROSA AND JEFFREY PINES	SUGAR PINE	LOGEPOLE PINE	CEDARS	TRUE FIRS	ALL SPECIES
1972	40.70	65.80	66.60	5.40	50.10	30.20	47.40
1973	84.80	108.60	89.30	12.40	86.40	70.20	83.10
1974	87.00	101.40	104.00	6.50	112.00	41.70	81.80
1975	51.40	71.00	99.00	22.40	79.90	19.70	53.80
1976	76.00	101.80	185.00	6.50	84.00	23.40	80.40
1977	124.30	131.40	168.50	165.20	337.90	50.60	121.10
1978	131.10	164.70	169.20	136.20	516.40	79.80	148.10
1979	186.60	239.00	375.40	25.40	497.10	96.00	206.20
1980	189.50	206.10	671.40	252.80	559.90	133.40	252.20
1981	146.70	196.20	224.10	123.60	108.20	90.30	156.10
1982--							
1st quarter	55.30	93.80	79.30	33.90	303.00	36.10	66.80
2d quarter	43.20	66.20	55.50	22.60	106.90	43.10	55.30
3d quarter	55.70	58.10	78.20	27.40	62.30	24.90	50.00
4th quarter	44.60	70.90	45.00	17.60	49.40	47.10	54.20
1982 average	50.00	66.90	72.00	27.80	70.30R	36.30	54.50
1983--							
1st quarter	75.70	84.60	149.30	37.80	109.60	72.20	85.10
2d quarter	48.30	119.40	70.80	25.40	99.40	43.60	65.70
3d quarter	56.40	90.10	169.40	22.80	57.20	48.40	73.70
4th quarter	79.80	154.30	36.20	137.00	116.20	54.40	92.90
1983 average	63.30	104.00	28.80	136.70	84.60	53.80	76.90

Source--Forest Service, U.S. Department of Agriculture. Pacific Southwest Region is the State of California.

¹Prices 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 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).

R = revised.

Table 43--Small business set-aside sales on National Forests by number and volume, Pacific Northwest Region, 1972-83

YEAR AND QUARTER	COLVILLE ¹		DESCHUTES		FREMONT		GIFFORD PINCHOT		MALHEUR		MOUNT BAKER-SNOQUALMIE ²		MOUNT HOOD	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	0	--	23	84,440	0	--	0	--	0	--
1973	0	--	0	--	2	25,600	12	18,740	0	--	0	--	0	--
1974	4	30,100	0	--	4	46,300	33	172,615	1	650	8	26,860	11	63,527
1975	4	13,855	0	--	5	66,920	18	147,050	2	2,135	8	56,320	17	66,390
1976	1	2,263	0	--	1	15,200	7	68,250	0	--	2	8,350	4	10,658
1977	3	13,800	7	63,290	8	69,000	13	192,500	0	--	10	70,450	15	76,379
1978	4	43,500	0	--	1	357	15	161,500	0	--	0	--	20	83,836
1979	5	42,760	4	2,150	11	79,460	0	--	0	--	19	11,575	34	86,586
1980	2	20,400	3	2,032	6	44,360	16	113,140	0	--	18	6,763	44	26,525
1981	14	39,075	10	7,525	7	38,900	3	290	1	89	15	12,572	29	41,313
1982	10	38,460	9	9,580	8	13,440	18	30,920	0	--	12	4,400	31	16,246
1983--														
1st qtr.	1	400	0	--	2	8,900	2	10,020	1	545	3	8,470	4	1,230
2d qtr.	1	575	1	640	3	10,500	3	1,620	1	130	4	745	4	872
3d qtr.	2	1,520	0	--	6	37,120	6	3,231	2	490	1	800	17	4,852
4th qtr.	0	--	0	--	1	370	11	3,800	0	--	3	1,060	7	9,951
1983 total	4	2,495	1	640	12	56,890	22	18,671	4	1,165	11	11,075	32	16,905
YEAR AND QUARTER	OCHOCO		OKANOGAN		OLYMPIC		ROGUE RIVER		SISKIYOU		SIUSLAW		UMATILLA	
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft
1972	0	--	0	--	8	32,897	0	--	0	--	8	26,356	11	198,116
1973	0	--	0	--	22	92,199	0	--	17	94,690	14	72,701	5	22,400
1974	0	--	3	19,000	12	78,990	28	98,752	12	52,775	34	174,471	11	74,710
1975	3	39,550	2	21,000	8	53,842	24	143,665	22	59,331	26	201,478	5	28,620
1976	3	19,270	2	9,300	5	45,579	18	46,254	7	22,335	17	118,763	6	23,110
1977	0	--	1	11,500	2	30,926	25	100,807	14	58,980	17	91,027	7	31,100
1978	5	34,300	0	--	6	44,615	47	171,251	13	62,300	39	231,303	0	--
1979	3	23,500	7	20,105	12	106,105	50	118,818	2	270	16	120,834	4	35,500
1980	1	7,700	2	10,600	12	69,100	31	123,125	7	29,510	7	45,137	3	18,200
1981	5	35,000	2	13,100	6	58,500	54	168,580	24	78,733	44	201,038	7	36,936
1982	3	1,100	3	15,750	4	1,860	26	85,272	33	45,719	44	94,808	1	150
1983--														
1st qtr.	0	--	0	--	1	140	2	990	4	25,440	6	904	2	5,400
2d qtr.	0	--	0	--	1	330	19	37,665	5	2,900	3	576	2	10,100
3d qtr.	2	640	0	--	1	1,740	21	41,780	3	1,175	4	711	1	16,900
4th qtr.	0	--	0	--	1	450	4	6,200	2	240	2	760	0	--
1983 total	2	640	0	--	4	2,660	46	86,635	14	29,755	15	2,951	5	32,400
YEAR AND QUARTER	UMPQUA		WALLOWA-WHITMAN		WENATCHEE		WILLAMETTE		WINEMA		ALL FORESTS			
	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME	SALES	VOLUME		
	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft	Number	Thousand bd ft		
1972	0	--	0	--	0	--	0	--	0	--	50	341,809		
1973	0	--	8	77,400	0	--	7	58,510	5	22,460	92	484,690		
1974	22	124,807	0	--	0	--	7	61,520	5	35,550	195	1,060,627		
1975	29	146,668	0	--	2	17,400	10	137,810	9	69,600	194	1,271,634		
1976	21	55,093	0	--	0	--	19	121,100	5	38,040	118	603,565		
1977	29	128,705	0	--	0	--	48	174,585	8	35,110	207	1,148,159		
1978	29	125,330	0	--	0	--	33	177,660	13	60,006	225	1,195,958		
1979	35	169,212	0	--	5	23,100	53	146,366	6	59,050	266	1,045,391		
1980	31	166,650	7	1,799	4	18,000	83	197,229	4	30,400	281	930,670		
1981	49	119,185	16	79,375	9	41,760	63	137,827	8	69,900	366	1,179,698		
1982	36	91,800	10	36,860	7	17,812	80	73,989	7	61,400	342	639,566		
1983--														
1st qtr.	5	1,730	0	--	2	10,500	15	10,838	0	--	50	85,507		
2d qtr.	2	820	0	--	2	9,450	13	36,063	0	--	64	112,986		
3d qtr.	1	305	3	1,907	6	13,870	4	8,065	1	4,000	81	139,106		
4th qtr.	5	280	0	--	1	60	11	23,055	1	8,500	49	54,726		
1983 total	13	3,135	3	1,907	11	33,880	43	78,021	2	12,500	244	392,325		

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

¹July 1, 1974, Colville National Forest in Washington became part of the Pacific Northwest Region.²July 1, 1974, Snoqualmie National Forest was merged with the Mount Baker National Forest.

Ruderman, Florence K. Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1983. Resour. Bull. PNW-111. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station; 1984. 53 p.

Provides current information on the 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), import/export (forest products), markets (external), economics (forestry business).

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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