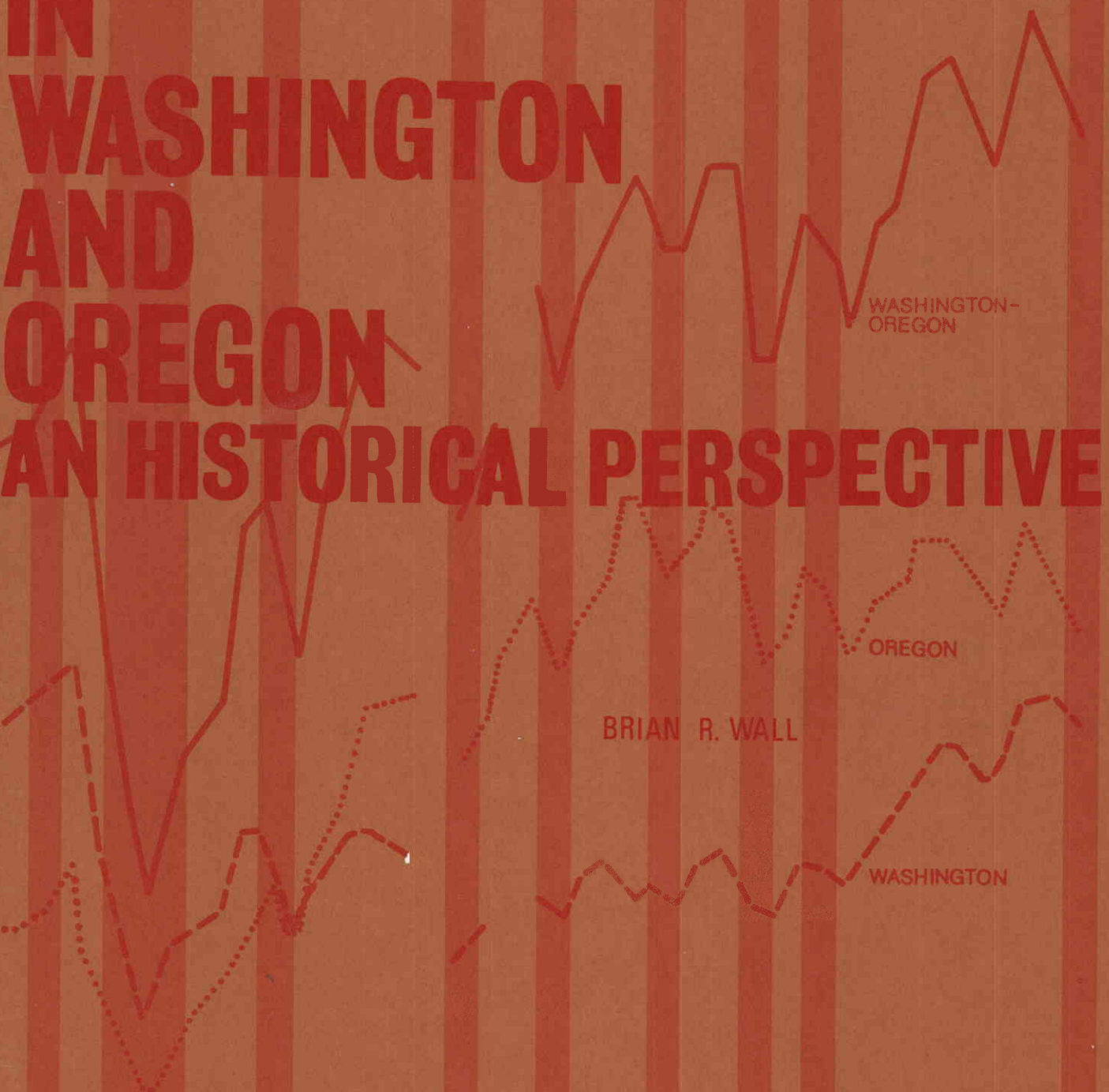


LOG PRODUCTION IN WASHINGTON AND OREGON AN HISTORICAL PERSPECTIVE



BRIAN R. WALL

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INTRODUCTION

The Pacific Northwest Forest and Range Experiment Station has collected and published log production data for many years. These data have been of interest to foresters, resource analysts, economists, business and Government leaders, legislators, and the academic community. The last comprehensive historical log production data compilation series for Oregon and Washington was published in 1950, covering the period 1925-48 (Moravets 1950). This study updates that report, presenting data by county for 1925-70 and by county and ownership class for the 1949-70 period (see Appendix, tables 1-54).

The log volume data are expressed in International 1/4-inch scale to facilitate comparison with national timber cut and forest inventory data.

The commentary and the graphics will assist the reader in relating log production to business conditions over time. The relationships presented will be of assistance to those who would like to pursue further research employing these data.

LOG PRODUCTION TRENDS

Oregon and Washington combined produce about one-quarter of the Nation's domestic roundwood. In 1970, total log production for the two States amounted to 16.9 billion board feet (International 1/4-inch scale). The two States reached a combined record annual timber harvest of 19.5 billion board feet in 1968. As shown in figure 1, the long-term trend in timber harvest for the Pacific Northwest has been a rising one since the mid-1800's even though there have been some sharp fluctuations.

The shaded areas shown on figure 1 and other figures in this report represent the contraction periods in the business economy of the United States as defined by the National Bureau of Economic Research. The unshaded areas are national expansion periods. The shaded areas begin with a business peak and end with a business trough.

As the United States population grew and the economy expanded, the timber inventories in the South and Lake States dwindled as lumber was produced for construction. The Pacific Northwest with its large inventories of old-growth timber became a major attraction to the timber industry around the turn of the century. As a result, Washington State led the Nation in log production by the early 1900's. Oregon's log production was lower, but roughly paralleled Washington's until about 1940 when a rapid 12-year rise in production began. In 1938, Oregon became the Nation's leading wood producer.

Oregon's rise to production dominance was the next major step in the history of the migrating timber industry as it moved to new areas for timber supplies. As of the 1930's, large areas of Washington State's private commercial forest lands had been cut over. As business picked up following the depression, investments in new sawmills and plywood plants were made further south

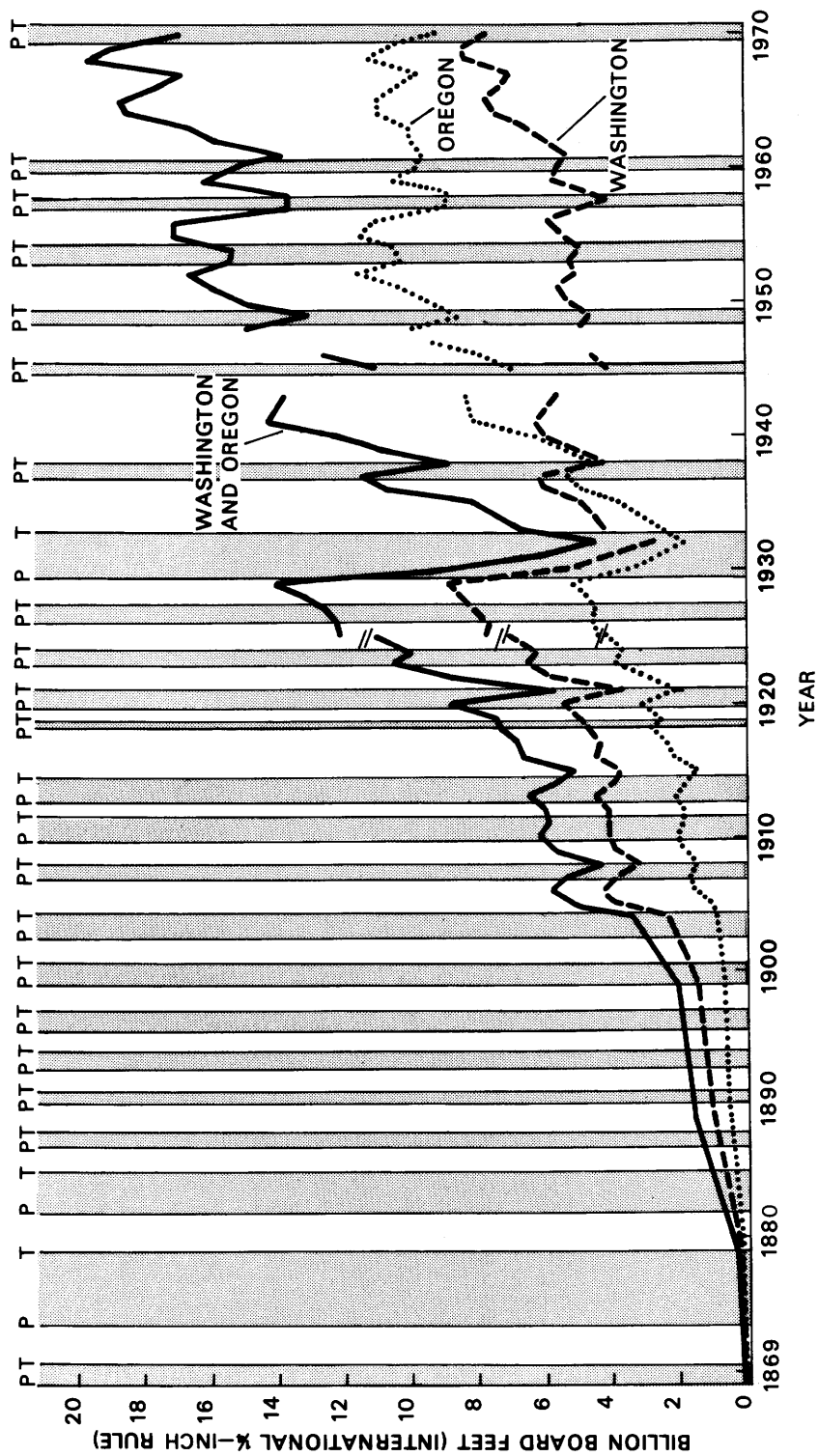


Figure 1.—Log production in Oregon and Washington, 1869-1970 (1869-1925 data based on lumber production).

in Oregon where large old-growth timber was more abundant and available, especially on the private lands (Andrews and Cowlin 1940). During the business recoveries after World War II, low private timber inventory of desirable species, inaccessible and unavailable timber, and old manufacturing facilities further constrained Washington's output whereas Oregon's output continued to increase. However, in the 1960's, availability of second-growth timber inventories as well as old-growth inventories of selected species on private lands in Washington had a positive influence on that State's timber production relative to Oregon. Despite increasing second-growth production, old growth still dominated the public and private log harvests in both States in 1970.

The movement of the geographical centers of log production in both the Douglas-fir and the ponderosa pine regions is portrayed in figure 2. This figure was developed from a "center of gravity" concept derived from the county of log origin.

The most significant movement occurred during the 1925-50 period as the Douglas-fir production center moved south from midwestern Washington to midwestern Oregon. Then during the 1950-69 period, the direction was reversed and the center moved toward northwestern Oregon. This northward movement was especially strong in the 1960's, reflecting the increasing timber harvests in western Washington.

The same type of graphic portrait in the ponderosa pine region produced results which were not so spectacular, for eastern Oregon has remained the geographic production center. Part of this is because eastern Oregon is the major wood producer in the ponderosa pine region, part is due to only slight movement of the eastern Washington geographical center, and part is due to the unequal geographic distribution of the forest land which does not lend itself easily to this kind of analysis. Nevertheless, the north and eastward movement of the production center does indicate the growing relative importance of log production in the Blue Mountains of eastern Oregon during the 1940-65 period. The increasing timber harvests on the Indian lands in eastern Washington and on the National Forests in eastern Washington and the Blue Mountains are also important influences on this trend.

DOUGLAS-FIR REGION LOG PRODUCTION

Log production in the Douglas-fir region has been generally increasing as shown in figure 3. This region, which includes that portion of Oregon and Washington west of the crest of the Cascades, accounts for the largest share (83 percent in 1970) of the timber harvest in the two States. Douglas-fir region log production generally increased from the time the timber industry became established through 1929 when 12.42 billion board feet of timber was harvested. Log production declined sharply during the depression and bottomed in 1932 when only 3.76 billion board feet were produced. Since then, the trend in production has been upward. In 1968, log production peaked at 16.20 billion board feet, but in the recession year of 1970, only 14.1 billion board feet of timber were harvested.

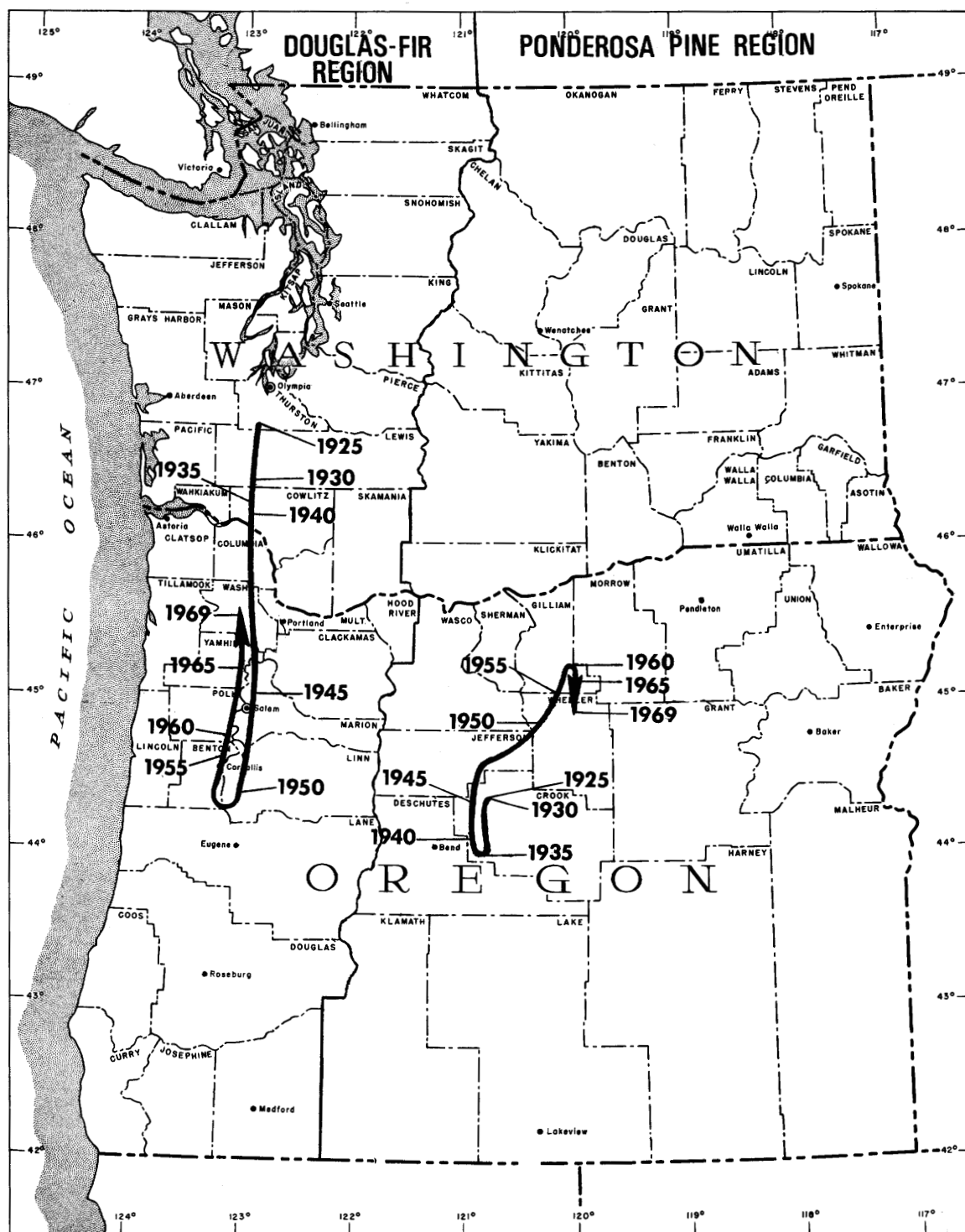


Figure 2.—Movement of the geographic centers of log production in the Pacific Northwest.

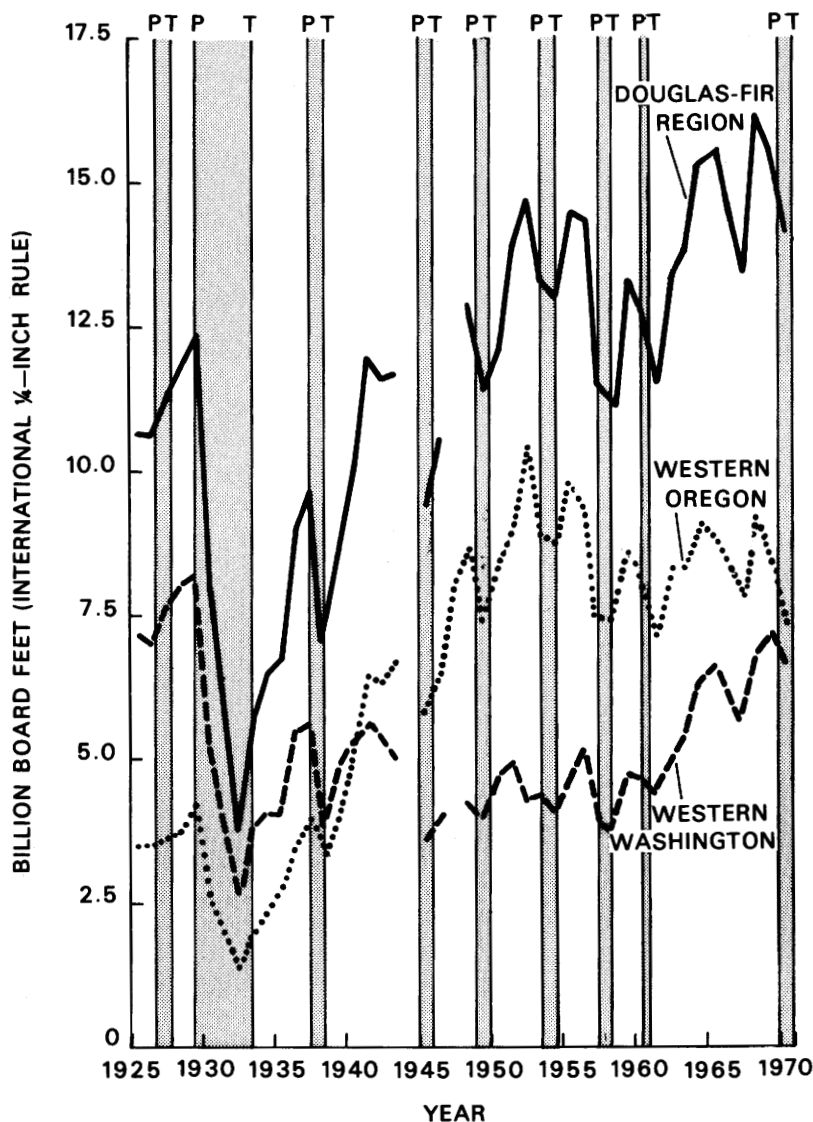


Figure 3.—Log production in the Douglas-fir region of Washington and Oregon, 1925-43, 1945-46, and 1948-70.

Western Washington's Log Production

Peaked in 1929

The most important areas in terms of timber production have changed over time. Western Washington led the Pacific Northwest in timber production until the early 1940's, but its production peaked in 1929 at 8.24 billion board feet. After this, production dropped to 2.47 billion board feet in 1932, recovered somewhat in the mid-1930's, and then generally ranged between 4 and 5 billion board feet until the early 1960's. The harvest increased from 4.39 billion board feet in 1961 to 6.72 billion board feet in 1970 (fig. 3).

Within western Washington, the areas of principal logging activity have changed over the years. Magnificent forests of old-growth Douglas-fir and redcedar, along with ease of logging and transportation in the Puget Sound, Grays Harbor, and Willapa Bay areas, were major attractions to lumbermen in the 19th century (Andrews and Cowlin 1940). These were the major log producing areas for many years; and when the western Washington log production peak was reached in 1929, Grays Harbor County was the leading log producer in the Pacific Northwest with a timber harvest of 2.1 billion board feet. That same year, Clallam County ranked second with a harvest of 791 million board feet, followed by King County on Puget Sound with 726 million board feet. As of 1940, Andrews and Cowlin described the forestry scene after years of cutting as follows:

Now western Washington particularly in the vicinity of Puget Sound and Grays Harbor is characterized by vast expanses of cutover land largely barren of conifer growth. The remaining old-growth Douglas-fir stands in western Washington are principally in the eastern parts of Cowlitz and Lewis Counties. Extensive virgin forests of western hemlock, Sitka spruce, and western redcedar occur along the Washington Coast, and on the upper slopes of the Cascade Range throughout western Washington occur extensive bodies of old-growth western hemlock and balsam fir-mountain hemlock.

Predictably, under such a timber inventory situation in western Washington, the industry moved closer to the remaining old-growth stands, the species mix of the timber harvest was broadened, and the harvest levels were reduced. As of 1970, western Washington counties continued to produce large amounts of timber, but they no longer were the region's leaders. Lewis County, which had long been a major timber supplier, led the western Washington cut in 1970 with 893 million board feet. Cowlitz County ranked second with 759 million board feet. Pacific and Grays Harbor Counties in the productive coastal area of southwest Washington were rising in importance and ranked third and fourth, respectively.

Western Oregon's Log Production Peaked in 1952

Western Oregon's log production generally increased in the early 1900's with a temporary peak in 1929 at 4.18 billion board feet. Like western Washington's pattern, log production in western Oregon dropped sharply during the depression and in 1932 only 1.29 billion board feet was harvested. As economic conditions improved in the 1930's, western Oregon's log production increased, and in 1941 it surpassed western Washington's cut. The upward trend culminated in 1952 to an alltime production peak of 10.40 billion board feet. During the mid-1950's and through 1961, the trend in western Oregon log production was down, reflecting the effects of two recessions as well as timber supply constraints. During most of the 1960's when the national economy was expanding, production fluctuated around a level trend line. In the recession year of 1970, log production in western Oregon amounted to 7.33 billion board

feet. This was the lowest timber harvest level since the recession year of 1961. Production for the decade of the 1960's peaked in 1968 but then dropped 13 percent between 1969 and 1970. Most of the decline occurred on the public lands and on the nonindustrial private lands (Wall 1971a).

Early timber harvesting in western Oregon occurred mainly in the counties along the Columbia River. In the 1920's, Clatsop and Columbia Counties led the State of Oregon in log production; and as the logging business peaked in 1929, these two counties produced 660 million board feet and 592 million board feet, respectively. Timber production dropped sharply in these counties during the depression, and an era of old-growth logging ended for much of northwestern Oregon. When business was to recover in the 1930's, timber supply factors would dictate the southward migration of the industry within western Oregon. Andrews and Cowlin described the timber situation at the close of the 1930's as follows:

Logging has removed the virgin timber from extensive areas in extreme northwestern Oregon, but almost unbroken stands of old-growth Douglas-fir cover the lower slopes and foothills of the Cascade Range practically the length of the State. Scattered throughout this timber belt are comparatively small bodies of second growth and old burns, small deforested areas, and cut-over areas. At higher elevations, reaching to the summit of the Cascade Range, is a mixture of western hemlock, balsam fir-mountain hemlock, noncommercial forests, and barrens. In parts of southwestern Oregon, ponderosa pine types predominate. In the Coast Range of Oregon, the virgin Douglas-fir forests are broken by extensive even-aged second-growth forests varying in age from 40 to 80 years. These are the result of several large fires that burned during the middle of the 19th century . . . in the northwest is the great Tillamook burn, where roughly 380 square miles was deforested in 1933.

As business recovered during the World War II expansion period, western Oregon harvests surpassed those in western Washington based on increased production in the upper Willamette Valley and on the southern coast as the timber industry shifted south. Lane County produced 885 million board feet in 1941, followed by Coos County with 678 million board feet. Clatsop County ranked third, followed by Linn County. By 1952, the Oregon timber industry was in high gear in southwestern Oregon. That year, Douglas and Lane Counties led all the Nation's counties with log production levels of 1.93 and 1.84 billion board feet, respectively. Also, Coos, Curry, Linn, and Jackson Counties were each producing well over two-thirds of a billion board feet at the 1952 production peak in western Oregon. Western Oregon's production remained at high levels through the 1960's based on the high cutting rates in these counties. As of 1970, Douglas County continued to lead in log production with 1.63 billion board feet, followed by Lane County with a harvest of 1.53 billion board feet. Linn County and Coos County still were cutting large quantities of timber and ranked third and fourth in 1970.

The western Oregon scene as of 1970 was composed of young-growth forests maturing in northwestern Oregon with low timber harvests in Columbia County and slightly increasing harvests in Clatsop County. In southern Oregon, the old-growth harvest continued, especially on the public lands. Large areas of forest land had been cut over and were covered with young sawtimber, pole-timber, and seedling and sapling stands. In 1963, there were 730,000 acres of nonstocked land in western Oregon, and 72 percent of these were in the central and southern counties of western Oregon (USDA Forest Service 1965). The rapid timber inventory depletion, the large areas of poorly stocked land, and the low net annual timber growth are indicators that the extremely high rates of log production in parts of western Oregon have a limited future.

*Log Production Peaked in 1952 on Private Lands,
in 1968 on Public Lands in Douglas-fir Region*

In 1952, log production on private lands reached 11.31 billion board feet in the Douglas-fir region (fig. 4). This was the highest private harvest recorded since the 1929 production peak. After 1952, the overall private production trend in the Douglas-fir region was down until 1961, when it stabilized and began to rise slightly in the 1960's. In 1969, the peak year for the decade, total private log harvest was considerably below the 1952 peak. In 1970, the total private log harvest amounted to 8.42 billion board feet.

Public agencies have long had major forest inventories, but in the early 1900's their timber production was comparatively small. After World War II, the public lands took on more importance as a major source of raw material to meet the timber industry's needs. As a result, the public agencies' harvests began to rise. In 1949, public harvests amounted to 2.47 billion board feet in the Douglas-fir region (22 percent of total production), and by 1968 public production reached an alltime peak of 7.39 billion board feet (46 percent of the total harvest).

After 1968, public log production as well as stumpage prices declined, reflecting the recession in late 1969 and 1970. Public log production of 5.63 billion board feet in 1970 was 24 percent below the 1968 peak. This decline coincided with a sharp rise in the volume of public timber sold but not yet cut (Wall 1971a, 1971b).

Harvests on Public and Private Lands

The harvests from public lands have been larger in western Oregon than those in western Washington for many years. Since 1959, the timber industry in western Oregon has depended more on public timber harvests than in western Washington. In 1970, the harvests on public lands amounted to 3.46 billion board feet in western Oregon (47 percent of the western Oregon total) and 2.18 billion board feet in western Washington (32 percent of the western Washington total). It is likely that this high degree of dependency on public

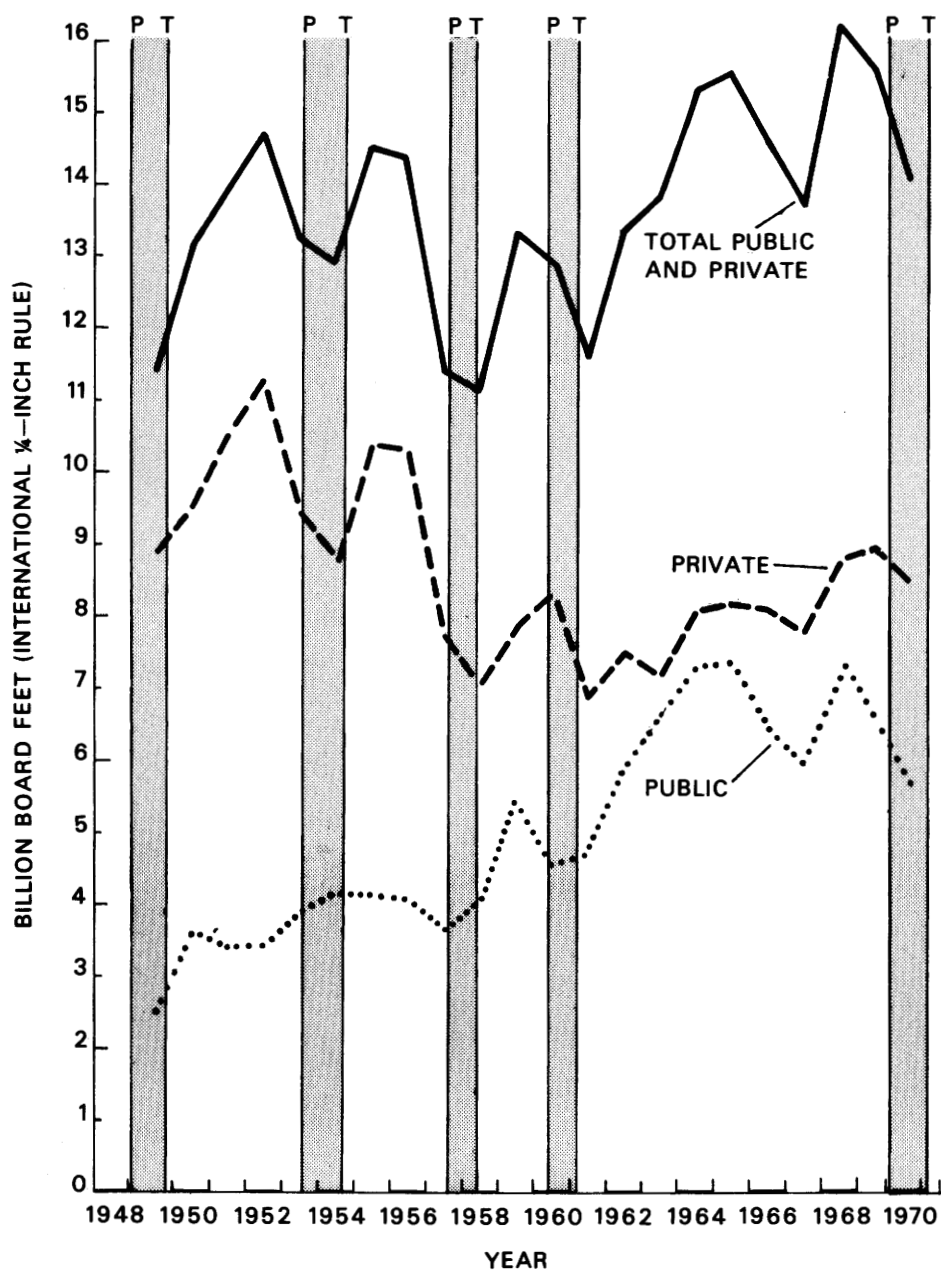


Figure 4.—Log production on private and public lands, Douglas-fir region, 1949-70.

timber in western Oregon and western Washington will continue for a long time, because 67 percent of the remaining softwood sawtimber inventory is in the public ownership class as of 1970.

Figures 5 through 8 show the relationships among public and private timber harvests in western Oregon and western Washington during the 1949-70 period. Figure 5 shows that western Oregon's public-private timber harvest

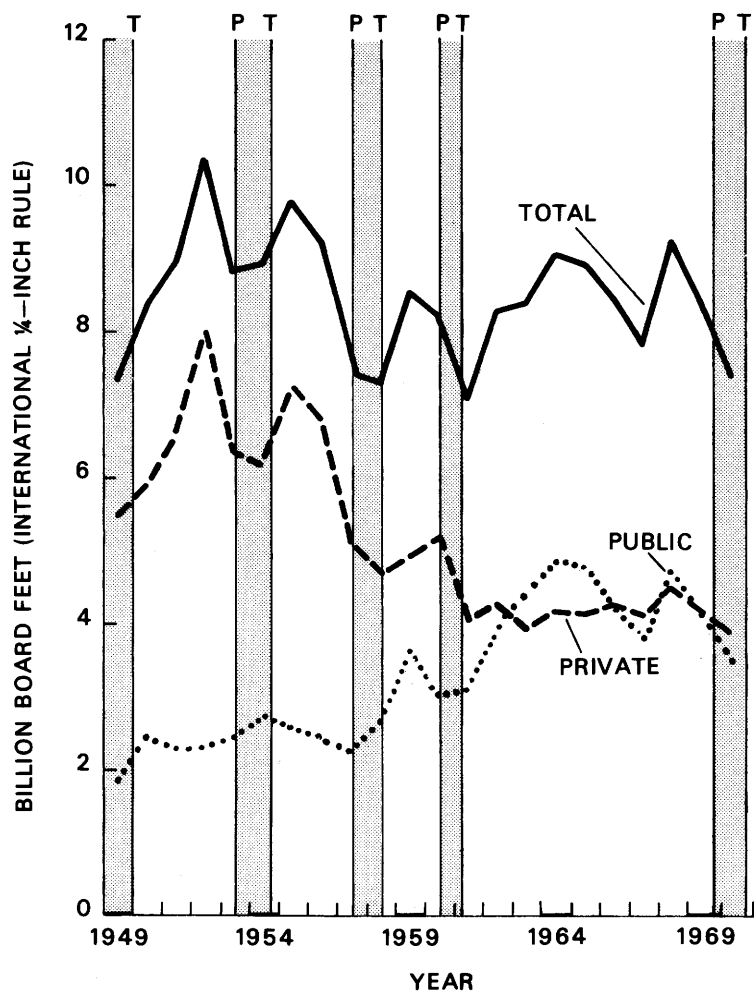


Figure 5.—Log production on private and public lands, western Oregon, 1949-70.

composition has been changing over time. The timber industry in this area, which was primarily dependent on private forest production in the early 1950's, became equally dependent on both public and private timber during the 1960's. In 1970, western Oregon's private timber harvest was 3.9 billion board feet, and this was 52 percent below the private timber harvest peak established in 1952. Industry's forest lands accounted for 91 percent of the private log production in 1970 (Wall 1971a). The industrial share of private production has fluctuated depending on business conditions. In the better business climate of 1969, the industrial share of the western Oregon harvest was lower than in 1970 (81 percent), reflecting the larger harvests on the nonindustrial private timberlands (Wall 1970).

Figure 6 shows that during the 1949-70 period the National Forests led public log producers except for the State of Oregon in 1949 and 1950. This

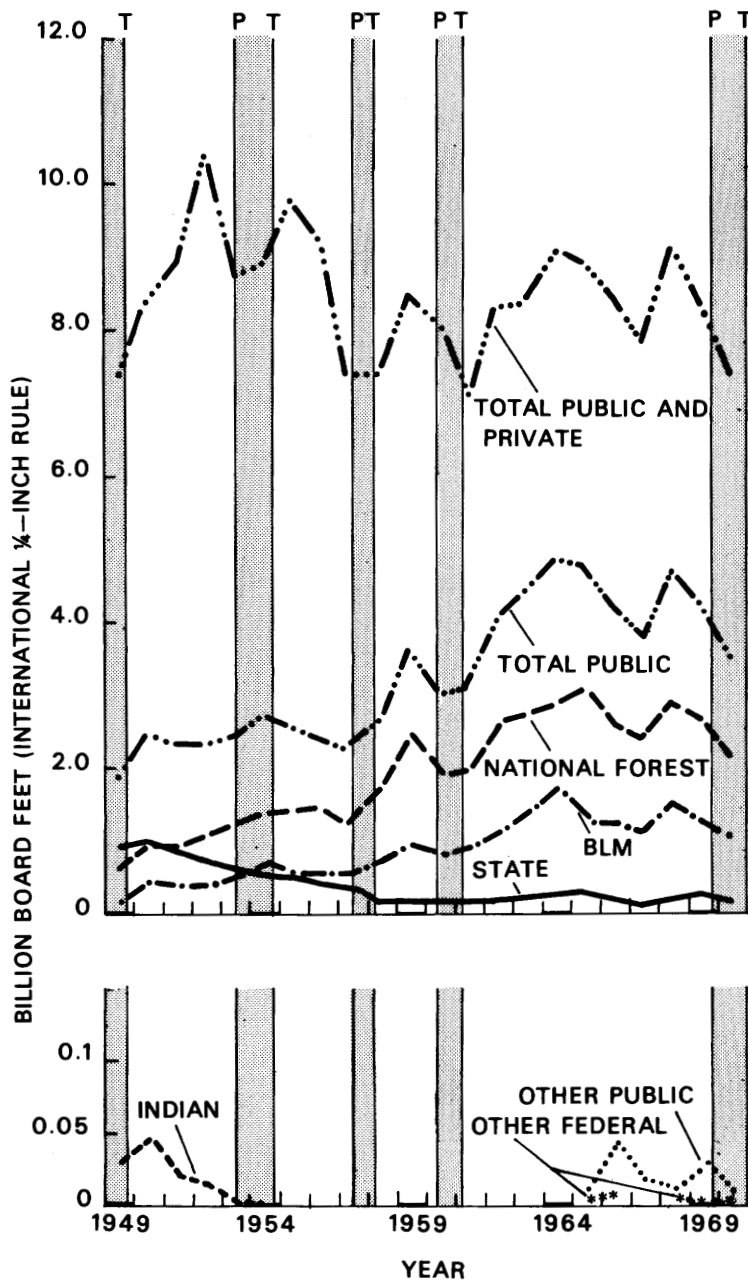


Figure 6.—Log production on public lands by land managing agency, western Oregon, 1949-70.

high State production was associated with salvage harvests from the successive Tillamook Burns. As of 1970, the National Forests were the largest single log-producing ownership in western Oregon, accounting for 30 percent (2.2 billion

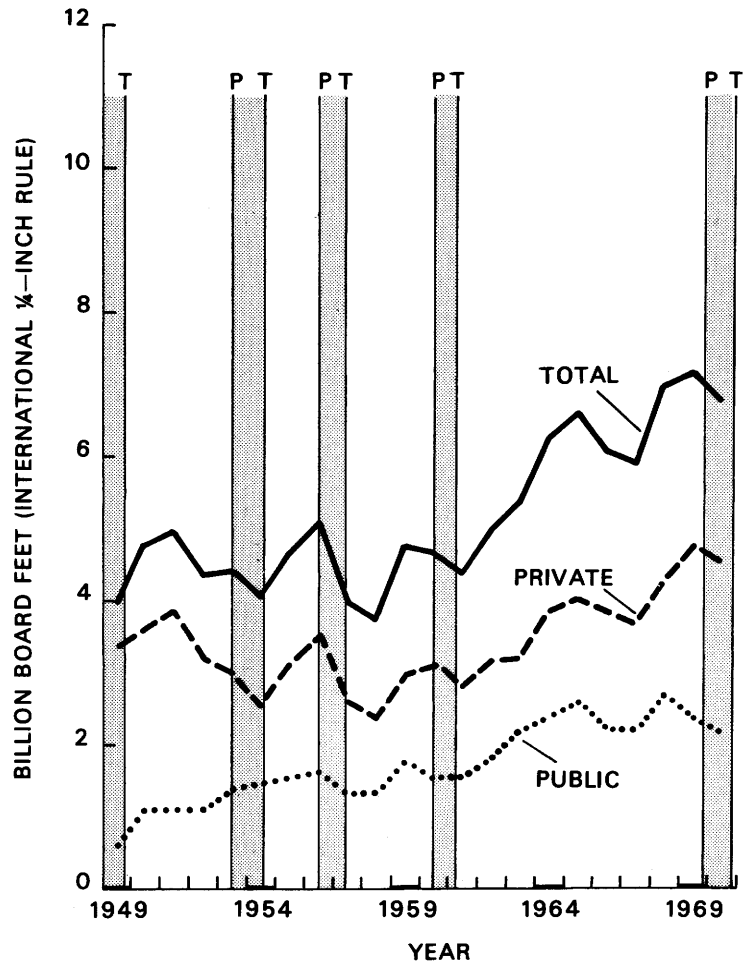


Figure 7.—Log production on private and public lands, western Washington, 1949-70.

board feet) of the total log harvest. Timber harvests from the Bureau of Land Management's (BLM) lands became increasingly important through the 1950's and the 1960's. The BLM's 1.1-billion-board-foot harvest in 1970 was 3.6 times larger than its 1949 harvest, and the 1970 cut accounted for 15 percent of the western Oregon total harvest.

In western Washington, private lands have always been the most important source of timber for the forest industries. Private production had a downward trend during the 1950's, with the lowest point being established in 1958 at 2.4 billion board feet (fig. 7). The recent rising trend in private timber harvests extended through 1970. About two-thirds of western Washington's total harvest came from private lands in 1970, and 85 percent of this private harvest was from industrial timberlands (Wall 1971b).

The rising trend results from both a favorable timber demand situation and a favorable timber supply situation. The consumption of wood products

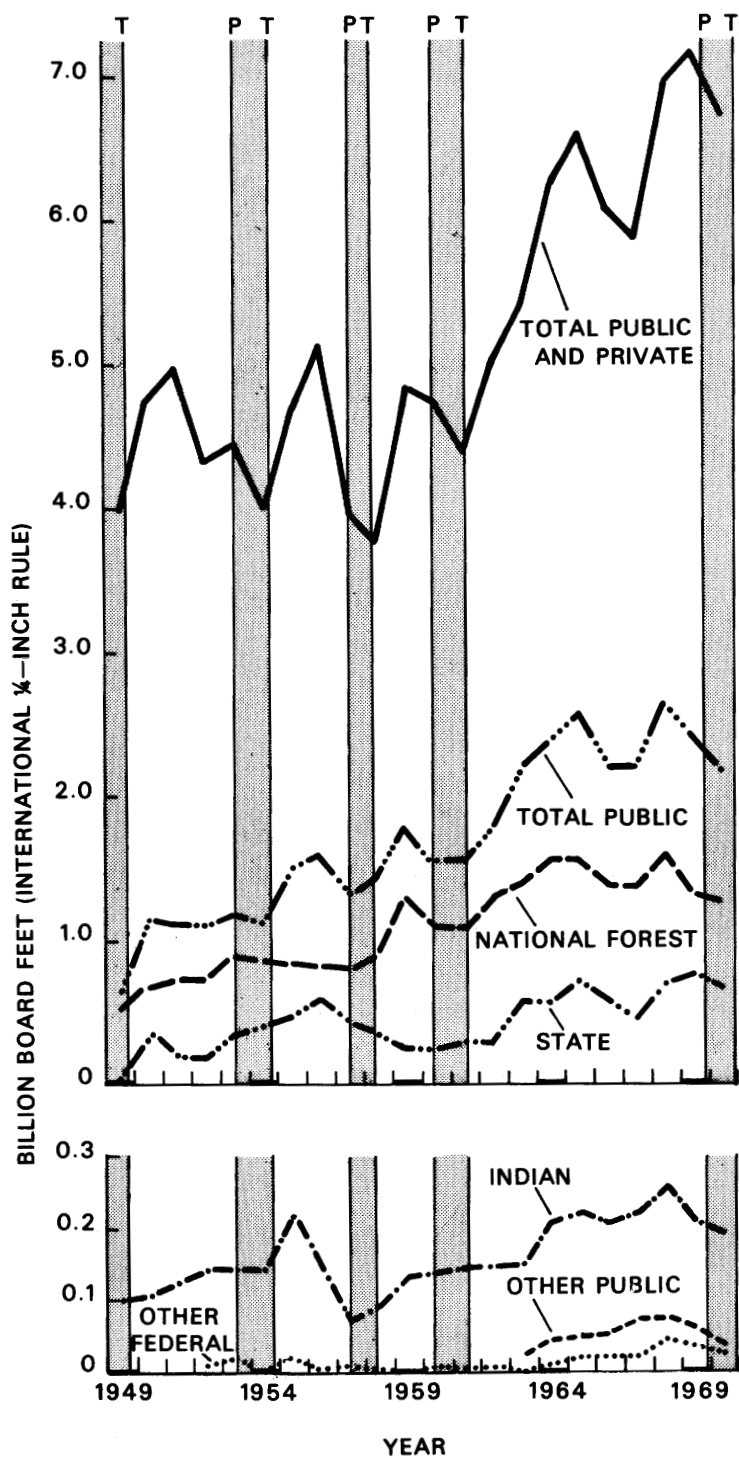


Figure 8.—Log production on public lands by land managing agency, western Washington, 1949-70.

has been increasing in the Nation, and the increased national demand has had a positive influence on harvest in the whole Pacific Northwest. In the 1960's, the foreign demand for Pacific Northwest "white wood" logs greatly increased. Western Washington was in a favorable position with good port and transportation facilities and large inventories of old-growth western hemlock, Sitka spruce, and true firs. As this timber demand increased, private forest-land owners began to increase their harvests of old growth and especially of these species, which previously had been neither as highly sought after nor as accessible.

Examination of the western Washington timber harvest by species mix and age class for private lands indicates the private owners' response to the change in demand for logs. In 1958, the private timber harvest was nearly 2 billion board feet (Scribner), and 73 percent of this came from trees over 100 years old (State of Washington 1959). About 66 percent of the Douglas-fir harvest was old growth, and the western hemlock and true fir harvests were 83-percent and 98-percent old growth, respectively.

By 1970, the total private harvest in western Washington had increased to 3.8 billion board feet (Scribner), and the old-growth share of the harvest had risen to 80 percent. Almost 89 percent of the 1.8-billion-board-foot increase in private timber harvest resulted from stepped-up production of old-growth timber. Western hemlock, Sitka spruce, and the true firs accounted for 927 million board feet of this old-growth harvest increase. About 90 percent of all the "white wood" timber harvest was from private timber 100 years of age or over. As a result of continued high demand for "white woods," the private harvest of western hemlock in 1970 amounted to 1.6 billion board feet in western Washington. By comparison the harvest of Douglas-fir from the private lands amounted to 1.5 billion board feet, and 74 percent of this was old growth.

In 1970, most of the "white wood" production from private lands came from industrial forest-land owners, and 92 percent of their hemlock and 96 percent of their true fir harvest was old growth (State of Washington 1971). A mill survey of Washington State shows that in 1970 foreign log exports consumed 1.7 billion board feet of timber, heavily weighted to "white woods," and 71 percent of this volume was from old growth. This same study indicated that 65 percent of the export volume came from private lands (Bergvall and Holtcamp 1971).

Public timber harvests in western Washington have been generally increasing during the past two decades. Increases in allowable cuts by the Department of Natural Resources and other public agencies in western Washington and elsewhere in the Pacific Northwest have been of major significance. With large quantities of timber being demanded, the public agencies have been able to sell additional amounts of timber in the past two decades, and the improved market situation has made it possible to raise the allowable cut based on previously unmerchantable timber. For example, allowable cut increases were based on calculations which include smaller diameter trees to reflect changing utilization, on expectations for increased growth rates due to the

inclusion of these smaller trees and more extensive forest management, on shorter rotation and regeneration periods, on inclusion of intermediate cuts, and on the addition of formerly inaccessible lands and a new intensive forest inventory.

A rapid increase in recent years has been on State lands managed by the Department of Natural Resources (fig. 8). In 1970, the timber harvest amounted to 663 million board feet--a 101-percent increase in production since 1950. The National Forests were the largest timber producers in western Washington in 1970, with a harvest of 1.3 billion board feet; this was 84 percent above the 1950 harvest. The National Forest harvest peaked in 1968 at 1.6 billion board feet, and the State timber harvest peaked in 1969 at 765 million board feet.

PONDEROSA PINE REGION LOG PRODUCTION

With the exception of the depression in the 1930's and a short period after World War II, the general log production trend in the ponderosa pine region has been a rising one. Figure 9 shows this trend in both eastern Oregon and eastern Washington. Eastern Oregon, the larger producer of the two, had in 1969 a harvest of 2.2 billion board feet, an alltime record. In 1970, eastern Oregon's harvest dropped 13 percent from this peak to 1.9 billion board feet. Eastern Washington reached an alltime peak in log production in 1968 at 1.26 billion board feet. With the slump in business in 1970, log harvest dropped to 953 million board feet in eastern Washington.

Opposite Trends for Public and Private Lands

Figure 10 shows that in the ponderosa pine region both public and private production increased until the mid-1950's. Since that time, public log production generally continued to increase, but private production turned down. Figures 11 and 12 show similar patterns for eastern Oregon and Washington.

In both States, the National Forests account for much of the increase in timber harvests. Figure 13 shows this is especially true in eastern Oregon, and figure 14 shows that in eastern Washington the Indian lands have also accounted for a good part of the increase. Since about 1961, a part of the increase in eastern Oregon National Forest production resulted from the transfer of the bulk of the Klamath Indian lands to form the Winema National Forest.

East-Side Harvest Influenced by Markets and Timber Considerations

Log production increased in eastern Oregon and eastern Washington as the lumber industry was attracted to specific timber species and easy logging situations. Ponderosa pine and western white pine were the principal species sought after in the early years. The industry moved to areas where these species were concentrated and timber access problems were minimal. Timber

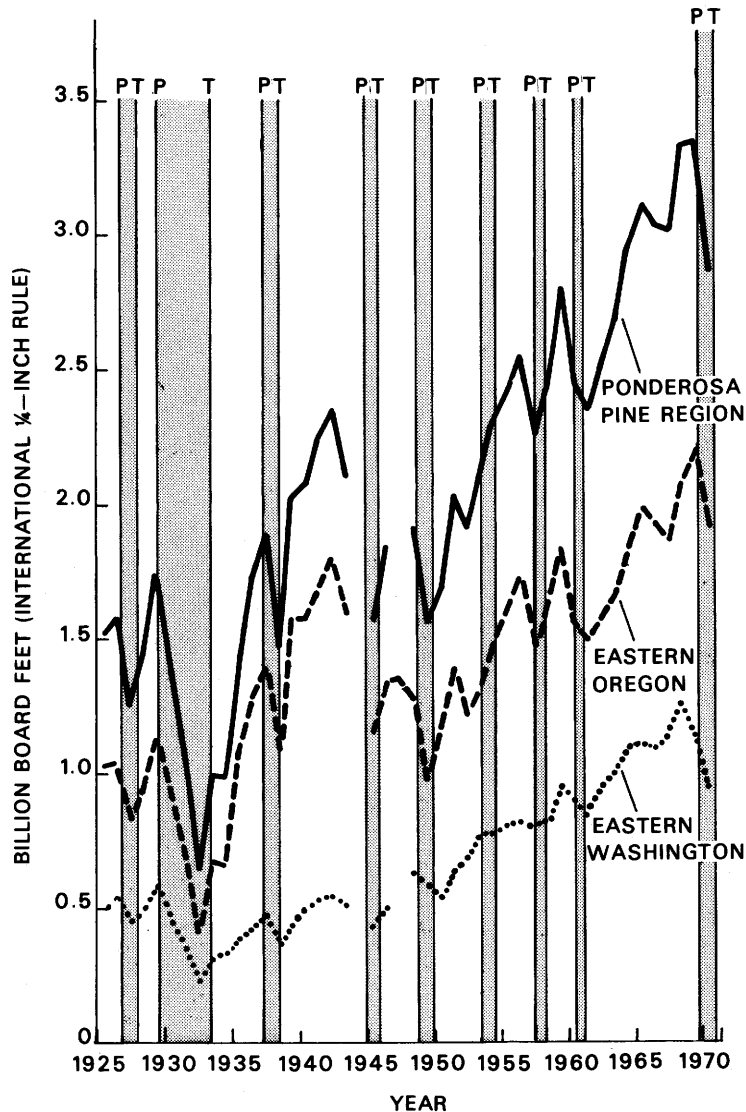


Figure 9.—Log production in the ponderosa pine region of Washington and Oregon, 1925-43, 1945-46, and 1948-70.

harvesting within the ponderosa pine region developed at somewhat different rates, depending on such factors as the timber species, the timber stand volume per acre, the topography, the ownership of the land, the distance to market, and the adequacy of the timber markets.

Favorable economic factors for timber industry development and the large inventory of old-growth ponderosa pine attracted early lumbermen to eastern Oregon's Cascade Range and the Klamath Plateau. As a result, Klamath County has long been the leading wood producer in the ponderosa pine region. In 1925, Klamath County produced 406 million board feet of logs, and in 1970 it led with a harvest of 460 million board feet. Deschutes County also attracted

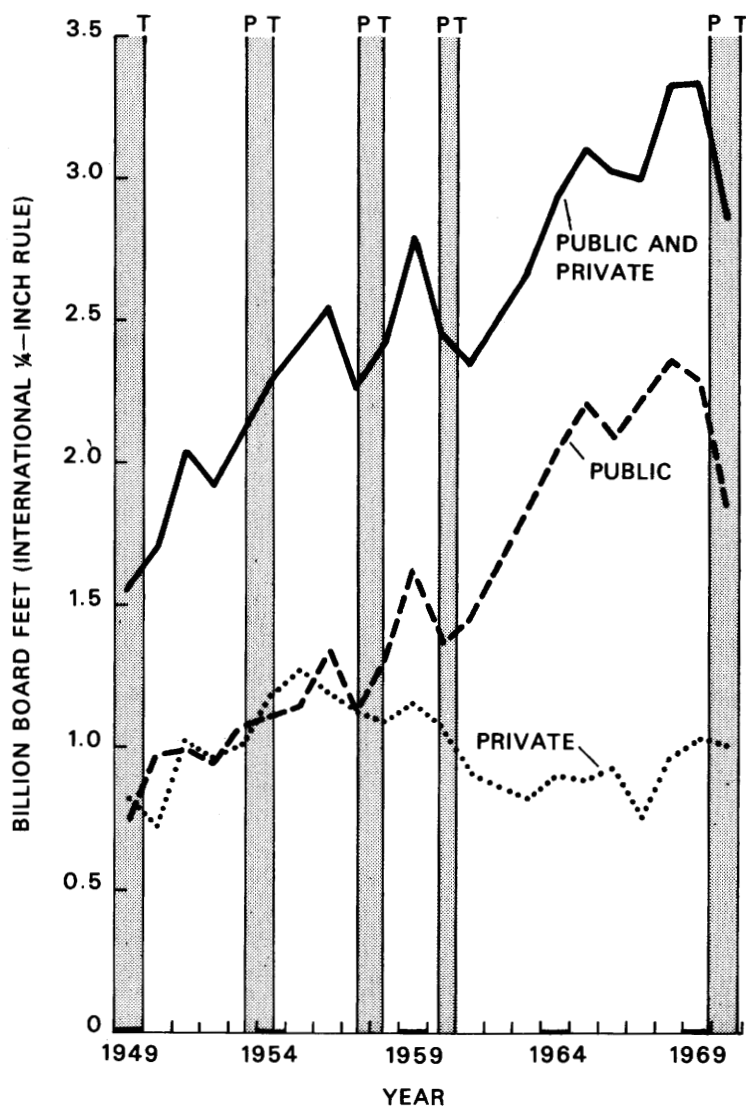


Figure 10.—Log production on private and public lands, ponderosa pine region, 1949-70.

the early loggers and lumbermen for similar reasons. Its peak production came in the 1920's, and in 1925 it ranked second in the region. Lake County is a county with a long cycle fluctuation in timber harvest which was large during the 1930's and then dropped. Production increased later on, especially in the 1960's, and in 1970 it ranked second in the ponderosa pine region with a 277-million-board-foot harvest.

The Blue Mountain area of eastern Oregon was slow to develop due to long hauls to market and a more mixed timber inventory. In this area, log production increased in Grant County in the 1950's, peaked in 1956 at 305

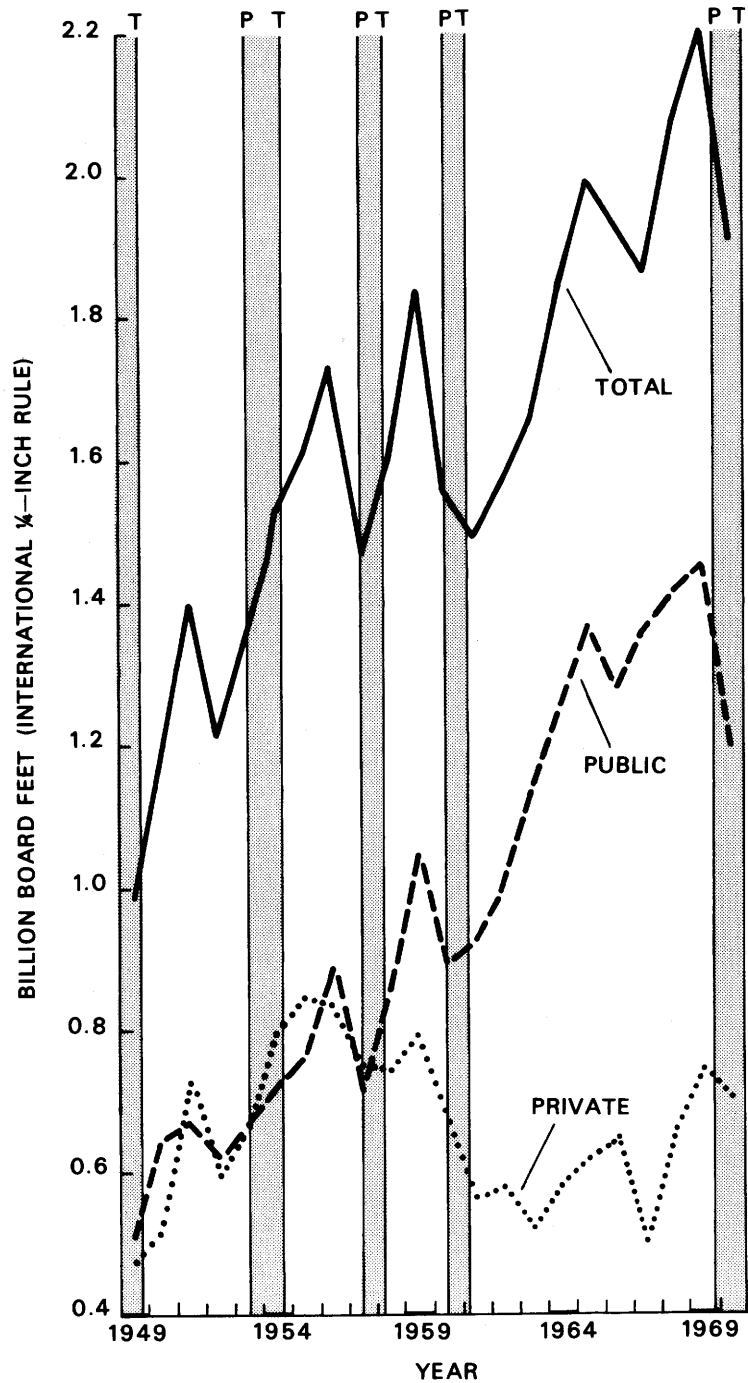


Figure 11.—Log production on public and private lands, eastern Oregon, 1949-70.

million board feet, and since then has maintained a high level. In 1970, Grant County was the ponderosa pine region's third largest timber producer with a 251-million-board-foot harvest.

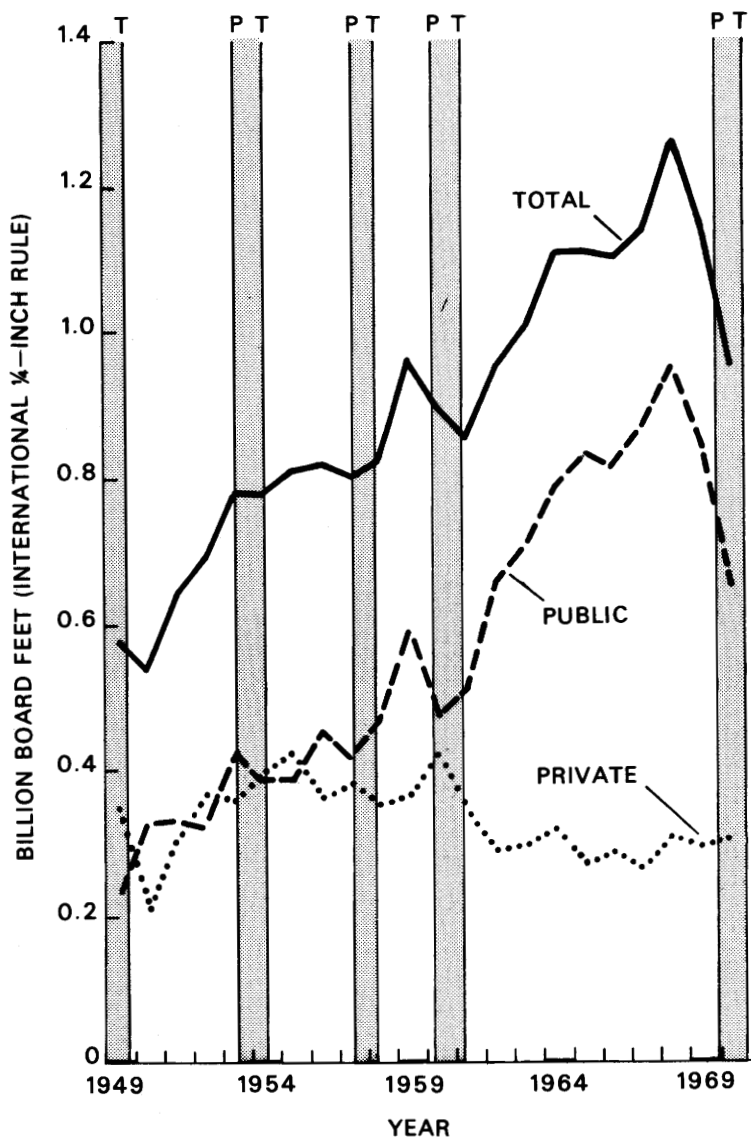


Figure 12.—Log production on public and private lands, eastern Washington, 1949-70.

Between 1925 and 1970, there was a trend toward a broader species mix in the eastern Oregon timber harvest. This has come about as market conditions have changed and as the higher elevation species on the National Forests have become available. In 1925, ponderosa pine accounted for 96 percent of eastern Oregon's harvest, and in 1968 the proportion was estimated to be 72 percent (Moravets 1950, Manock et al. 1970).

Eastern Washington has always had a wider range of species in its timber harvest, reflecting its diverse forest composition and geographic location. Stevens, Pend Oreille, and Spokane Counties had large areas of western white

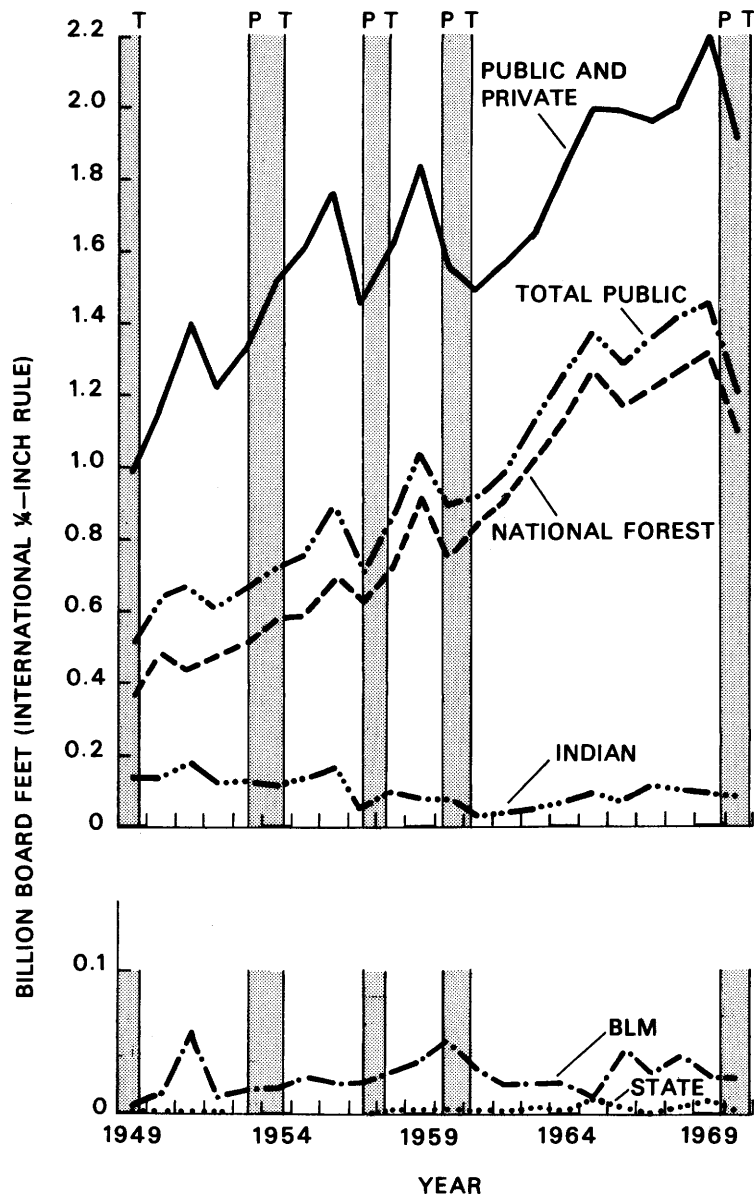


Figure 13.—Log production on public lands by land managing agency, eastern Oregon, 1949-70.

pine as well as ponderosa pine. These species attracted lumbermen and early loggers to northeast Washington. In 1925, Stevens County led eastern Washington's timber harvest with 82 million board feet of production. During the 1920's both ponderosa pine and Douglas-fir were being produced in the lower elevations of the Cascade Range. In 1925, Kittitas and Chelan Counties ranked second and third in eastern Washington. Klickitat County's forests were characterized by their extensive areas of high quality ponderosa pine forests. These were the basis for a large timber harvest throughout the 1925-70 period.

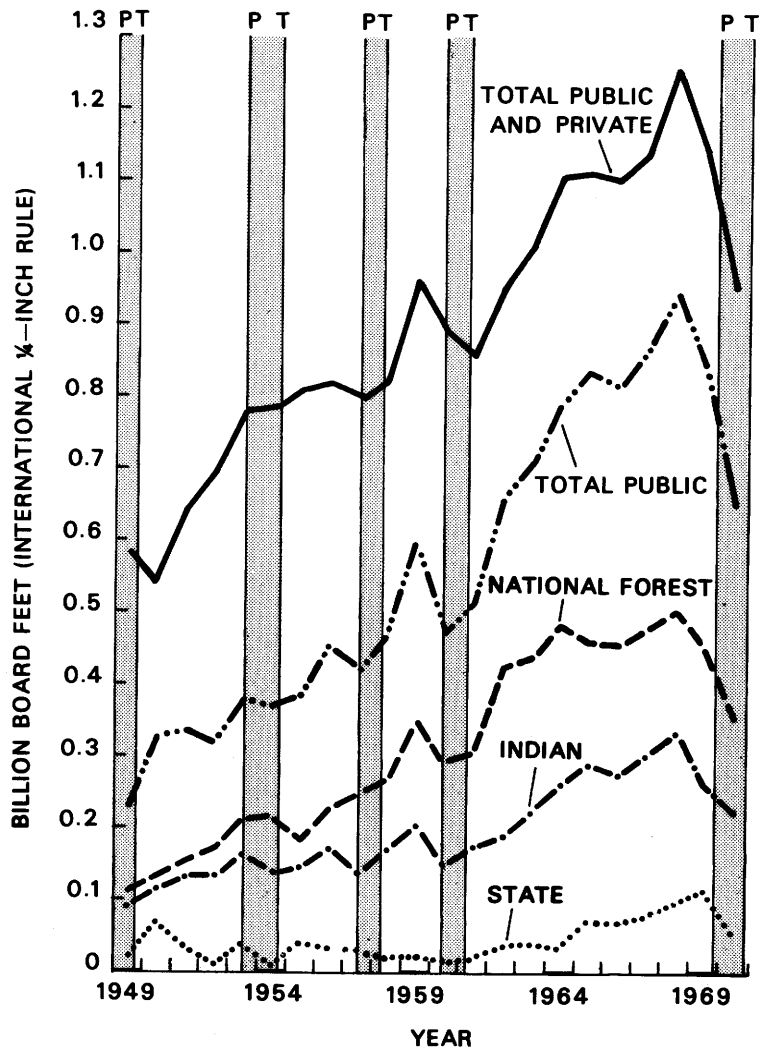


Figure 14.—Log production on public lands by land managing agency, eastern Washington, 1949-70.

For a number of years, some areas in the ponderosa pine region were inaccessible for logging. For example, one such area with virgin timber stands was located east and north of the Okanogan River in eastern Washington. This area encompassed the slopes and hills of the Colville Mountains (Cowlin et al. 1942). Since the 1940's, access has improved and log production has increased. Yakima County is another example of increasing access and log production since the early 1940's. The harvests from both the National Forests and Indian lands account for this production increase. In 1970, Yakima County was the leading log producer in eastern Washington with a harvest of 231 million board feet. Increased access and log production on the National Forests and Indian lands also account for the importance of Ferry County in eastern Washington's timber economy. In 1970, Ferry County ranked second in log production followed by Okanogan County.

Between 1925 and 1970 the species distribution of the harvests changed in eastern Washington as logging progressed into new counties and higher elevations. In 1925, ponderosa pine accounted for 72 percent of the harvest, Douglas-fir 14 percent, western white pine 7 percent, western larch 4 percent, and other species the remaining 3 percent. As of 1970, the harvests of ponderosa pine and Douglas-fir were nearly equal at 35 and 33 percent of the total, respectively. Western white pine had dropped to 1 percent of the total harvest, but western larch had risen to 10 percent (Moravets 1950, State of Washington 1971).

BACKGROUND ON DATA

The log production data in this publication are in terms of International 1/4-inch scale. The original data were mostly on a Scribner log scale basis. The bases for the estimates have varied over time. For the purposes of this report, International 1/4-inch data were derived by converting Scribner estimates. The original Scribner data for the Douglas-fir region were multiplied by a factor of 1.207 and by a factor of 1.07 in the ponderosa pine region. The International scale gives generally higher board-foot estimates than Scribner scale, and it more closely approximates actual lumber yield from a log when it is sawn. One other adjustment was made in the original Scribner data. The Bureau of Land Management's harvest data in western Oregon and western Washington were originally on a 16-foot log basis. These data were converted to the more common 32-foot basis by reducing reported production by 12 percent and then converting to International 1/4-inch volume.

By use of a constant factor for converting to International log scale over time, it is assumed that the diameter of the logs harvested has not changed on the average over time. This is not an entirely true assumption since young timber has been increasingly cut and removed on some ownerships. But most of the timber cut is still large old growth, and it was believed that use of a constant factor would not unduly distort the long-term trends.

The Forest Service first began compiling log production statistics in 1925. In 1950, F. L. Moravets published comprehensive log production data in "Production of Logs in Oregon and Washington, 1925-48." The data in this report for these years are based on Moravets' report. The basis for these early data was a questionnaire, Form S -- Stumpage and Log Transactions, which was mailed to all known log producers in Oregon and Washington during the period 1925-43 and in 1945. The mail canvass of log production was supplemented by a field followup of all nonrespondents. For each odd year during the 1925-39 period, information on total log production was obtained from a census of manufactures, "Logs, Lumber, and Other Timber Products," conducted by the Bureau of the Census and the Forest Service. This information provided a check on log production statistics.

The Forest Service conducted the mail canvass survey and a field follow-up to obtain log production estimates for 1946 and 1948 for Washington and for

1946 for Oregon. Statistics for Oregon in 1947 and 1948 were based on data collected by the State Forester's office on private, State, and Federal revested lands; by the Forest Service on National Forest lands; and by the Indian Service on Indian lands. Production data were not collected for 1944 for either State, and no data were collected for Washington State for 1947 (Moravets 1950).

The Pacific Northwest Forest and Range Experiment Station compiled log production statistics in cooperation with State and Federal agencies during the 1949-70 period. These data are the basis for log production statistics by owner and by county in this report. For the purpose of this report, the data on log production by ownership are reconstructed for the private, State, and Bureau of Land Management ownership during the early 1950's. This reconstruction was accomplished by examining and employing early timber sale and cutting records. As a result, early log production State totals have remained unchanged, but the internal private, State land, and Bureau of Land Management figures by county for the early 1950's are estimates based on other early records.

In the State of Washington, early timber harvest records were prepared by the Division of Forestry. Later on in the mid-1950's the Department of Natural Resources was formed and took over this function. The State of Washington prepares a detailed timber harvest report each year. In the State of Oregon, the office of the State Forester has collected private, State, county, and municipal log production data, and the Pacific Northwest Forest and Range Experiment Station has compiled and supplied the timber harvest data for the Federal agencies as the basis for one-page reports issued by both the Station and the Oregon State Department of Forestry. The State agencies collect the private, municipal, and county timber harvest data in connection with gathering information required for the administration of the Forest Practice Act in the State of Washington and the Conservation Act in the State of Oregon. These data have been used in this report.

In 1968, interviews were conducted with a wide range of State and Federal employees who had actively participated in preparing log production data during the 1949-68 period. Many of the older men felt that there had been definite improvement in the collection of log production statistics over the years. Over time, more forest area has been covered by fire protection districts in Oregon. Only the agricultural area of the Willamette Valley and a few scattered areas in eastern Oregon lacked systematic log production reporting, and the amount of wood actually harvested there is believed to be very small. The use of aerial photos by foresters, better recordkeeping by loggers, and better reporting by timberland owners have led to more accurate reports over time. Since 1968, greater accuracy for industrial private lands has been achieved when the Washington Forest Protection Association began assisting the Department of Natural Resources by compiling industrial production by county. Until that time, some industrial timber owners in Washington did not supply timber volume cut but, instead, reported their area cutover in compliance with the law. This put the burden of volume estimation for some large ownerships on the local Forest Practice Forester and the accuracy depended on his skill. As of 1970, local

State Foresters in Washington State estimated the volume cut on small owner-ships when the owners did not volunteer the information, and this was true in Oregon for a very few nonreporting ownerships as of 1970. It is generally agreed that most of the timber in both States is measured at some point in the production process and that most of this is reported.

Data on the Bureau of Land Management's timber harvest are based on estimates of production from active timber sales. The volume estimates are based on the lump sum timber sale cruises, and the original estimates are in the Scribner log scale based on 16-foot volume tables. The Bureau of Land Management data have been revised in this report to make them comparable to other reported data. Because of the method of reporting production for the Bureau of Land Management, cull logs, small sound logs, and chunks actually harvested do not appear in the production estimates. Thus, the report has a low bias which can possibly be as much as 10 percent for some areas of old-growth timber production.

The Bureau of Indian Affairs compiled the production of logs, poles and pilings, and shingles harvested from Indian lands in Oregon and Washington. Cull log volumes are also included for these lands. On the west side, Scaling Bureau truck scale standard was used; and on the east side of the Cascade Range, Forest Service 16-foot log scale was used as a basis of measurement and reporting. Except for the small amount of timber used by the Indians themselves, all timber removed from Indian lands has been measured and reported.

The U.S. Forest Service keeps complete records of the timber volumes sold and cut, and most of this volume has been truck-scaled by the Forest Service or a scaling bureau during the 1949-70 period. Harvests from lump sum sales were estimated based on the timber cruise volumes. The Forest Service figures include data on dead, cull, and sound log production. Almost all Forest Service production volumes result from actual measurements; the very small amount from lump sum sales was estimated from the timber cruise volumes.

Production estimates for State-owned or -managed lands in both Oregon and Washington are based on both truck scale and cash sale (lump sum) timber cruises. In the early 1950's, cash sales were common, and volume estimates of timber production were based on timber cruise data. Later in the 1950's, the basis of payment for State sales mostly became the actual State or Scaling Bureau scale of the timber harvested, and these data became the basis for the log production figures. In the late 1960's with the advent of thinning in young-growth timber, the cruise volume estimates of production from cash thinning sales have become a basis for some of the log production figures from State lands.

During the past 20 years, there have been six independent industry studies covering the forest industries in counties, in half States, or in all of Washington and Oregon. Complete mill samples were taken, and the managers

were asked where the logs consumed by the mill were produced. These independent mill survey results show that there is a very high degree of correlation between survey log production estimates and log production data compiled by the Pacific Northwest Forest and Range Experiment Station and based on timberland owners' production reports.

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APPENDIX OF TABLES

Table 1.—Log production in the States of Washington and Oregon by public and private lands, 1949-70

(Thousand board feet, International 1/4-inch scale)

Year	Washington				Oregon				Washington and Oregon			
	Public	Private	Public percent	Total	Public	Private	Public percent	Total	Public	Private	Public percent	Total
1949	860,631	3,712,561	19	4,573,192	2,354,600	6,022,343	28	8,376,943	3,215,231	9,734,904	25	12,950,135
1950	1,458,765	3,851,613	27	5,310,378	3,108,978	6,448,372	33	9,557,350	4,567,743	10,299,985	31	14,867,728
1951	1,446,054	4,181,197	26	5,627,251	2,980,338	7,358,091	29	10,338,429	4,426,392	11,539,288	28	15,965,680
1952	1,428,167	3,591,888	28	5,020,055	2,929,781	8,682,844	25	11,612,625	4,357,948	12,274,732	26	16,632,680
1953	1,838,132	3,396,082	35	5,234,214	3,105,198	7,023,848	31	10,129,046	4,943,330	10,419,930	32	15,363,260
1954	1,831,392	2,953,515	38	4,784,907	3,449,806	7,003,222	33	10,453,028	5,281,198	9,956,737	35	15,237,935
1955	1,950,077	3,559,277	35	5,509,354	3,337,983	8,096,934	29	11,434,917	5,288,060	11,656,211	31	16,944,271
1956	2,082,514	3,889,342	35	5,971,856	3,340,824	7,630,446	30	10,971,270	5,423,338	11,519,788	32	16,943,126
1957	1,778,680	3,005,561	37	4,784,241	2,972,758	5,886,124	34	8,858,882	4,751,438	8,891,685	35	13,643,123
1958	1,855,613	2,720,693	41	4,576,306	3,544,183	5,450,933	39	8,995,116	5,399,796	8,171,626	40	13,571,422
1959	2,398,711	3,353,582	42	5,752,293	4,699,942	5,720,512	45	10,420,454	7,098,653	9,074,094	44	16,172,747
1960	2,023,578	3,566,809	36	5,590,387	3,905,948	5,897,851	40	9,803,799	5,929,526	9,464,660	39	15,394,186
1961	2,086,864	3,157,784	40	5,244,648	4,053,044	4,580,210	47	8,633,254	6,139,908	7,737,994	44	13,877,902
1962	2,490,061	3,484,756	42	5,974,817	5,027,925	4,873,486	51	9,901,411	7,517,986	8,358,242	47	15,876,228
1963	2,917,939	3,503,820	45	6,421,759	5,571,987	4,491,557	55	10,063,544	8,489,926	7,995,377	52	16,485,303
1964	3,203,171	4,187,958	43	7,391,129	6,126,941	4,770,279	56	10,897,220	9,330,112	8,958,237	51	18,288,349
1965	3,430,289	4,299,057	44	7,729,346	6,116,219	4,788,725	56	10,904,944	9,546,508	9,087,782	48	18,634,290
1966	3,052,805	4,139,112	42	7,191,917	5,453,358	4,893,878	53	10,347,236	8,506,163	9,032,990	48	17,539,153
1967	3,057,702	3,961,506	44	7,019,208	5,132,438	4,562,110	53	9,694,548	8,190,140	8,523,616	49	16,713,756
1968	3,638,019	4,614,475	44	8,252,494	6,116,151	5,170,003	54	11,286,154	9,754,170	9,784,478	50	19,538,648
1969	3,239,629	5,068,023	39	8,307,652	5,660,159	4,931,607	53	10,591,766	8,899,788	9,999,630	47	18,899,418
1970	2,830,641	4,844,399	40	7,675,040	4,655,991	4,585,788	50	9,241,779	7,486,632	9,430,187	44	16,916,819

Table 2--Log production in Washington and Oregon by region and half State, 1925-43 and 1945-70

(Thousand board feet, International 1/4-inch scale)

Year	Douglas-fir region			Ponderosa pine region			Washington	Oregon	Total
	Western Washington	Western Oregon	Total	Eastern Washington	Eastern Oregon	Total			
1925	7,200,629	3,469,865	10,670,494	500,592	1,024,492	1,525,084	7,701,221	4,494,357	12,195,578
1926	7,146,917	3,509,226	10,656,143	544,946	1,038,374	1,583,320	7,691,863	4,547,600	12,239,463
1927	7,693,903	3,619,063	11,312,966	454,810	809,724	1,264,534	8,148,713	4,428,787	12,577,500
1928	8,059,434	3,741,380	11,800,814	500,044	966,804	1,466,848	8,559,478	4,708,184	13,267,662
1929	8,242,237	4,182,563	12,424,800	594,395	1,139,079	1,733,474	8,836,632	5,321,642	14,158,274
1930	5,237,971	2,665,515	7,903,486	446,088	929,001	1,375,089	5,684,059	3,594,516	9,278,575
1931	3,900,006	1,908,525	5,808,531	369,487	723,342	1,092,829	4,269,493	2,631,867	6,901,360
1932	2,465,136	1,291,173	3,756,309	235,341	420,804	656,145	2,700,477	1,711,977	4,412,454
1933	3,855,553	1,900,464	5,756,017	319,609	676,047	995,656	4,175,162	2,576,511	6,751,673
1934	4,074,210	2,420,259	6,494,469	330,400	659,778	990,178	4,404,610	3,080,037	7,484,647
1935	4,046,103	2,721,889	6,767,992	383,467	1,085,986	1,469,453	4,429,570	3,807,875	8,237,445
1936	5,576,740	3,455,321	9,032,061	433,714	1,298,002	1,731,716	6,010,454	4,753,323	10,763,777
1937	5,625,499	4,074,144	9,699,643	476,751	1,419,927	1,896,678	6,102,250	5,494,071	11,596,321
1938	3,665,501	3,322,391	6,987,892	370,847	1,098,930	1,469,777	4,036,348	4,421,321	8,457,669
1939	4,857,976	4,042,744	8,900,720	445,065	1,578,591	2,023,656	5,303,041	5,621,335	10,924,376
1940	5,456,132	4,682,701	10,138,833	495,882	1,582,616	2,078,498	5,952,014	6,265,317	12,217,331
1941	5,611,924	6,355,108	11,967,032	529,152	1,710,851	2,240,003	6,141,076	8,065,959	14,207,035
1942	5,334,166	6,320,298	11,654,464	545,818	1,812,359	2,358,177	5,879,984	8,132,657	14,012,641
1943	5,015,083	6,705,491	11,720,574	511,724	1,595,415	2,107,139	5,526,807	8,300,906	13,827,713
1945	3,596,002	5,833,305	9,429,307	432,841	1,145,094	1,577,935	4,028,843	6,978,399	11,007,242
1946	4,058,780	6,559,709	10,618,489	498,865	1,342,652	1,841,517	4,557,645	7,902,361	12,460,006
1947	(1/)	8,007,750	(1/)	(1/)	1,354,696	(1/)	(1/)	9,362,446	(1/)
1948	4,241,400	8,694,808	12,936,208	640,360	1,274,344	1,914,704	4,881,760	9,969,152	14,850,912
1949	3,992,336	7,389,496	11,381,832	580,856	987,447	1,568,303	4,573,192	8,376,943	12,950,135
1950	4,770,202	8,394,543	13,164,745	540,176	1,162,807	1,702,983	5,310,378	9,557,350	14,867,728
1951	4,980,868	8,938,130	13,918,998	646,383	1,400,299	2,046,682	5,627,251	10,338,429	15,965,680
1952	4,324,531	10,395,523	14,720,054	695,524	1,217,102	1,912,626	5,020,055	11,612,625	16,632,680
1953	4,454,180	8,799,376	13,253,556	780,034	1,329,670	2,109,704	5,234,214	10,129,046	15,363,260
1954	4,000,717	8,931,092	12,931,809	784,190	1,521,936	2,306,126	4,784,907	10,453,028	15,237,935
1955	4,697,883	9,822,650	14,520,533	811,471	1,612,267	2,423,738	5,509,354	11,434,917	16,944,271
1956	5,150,674	9,234,758	14,385,432	821,182	1,736,512	2,557,694	5,971,856	10,971,270	16,943,126
1957	3,978,225	7,397,732	11,375,957	806,016	1,461,150	2,267,166	4,784,241	8,858,882	13,643,123
1958	3,750,289	7,391,604	11,141,893	826,017	1,603,512	2,429,529	4,576,306	8,995,116	13,571,422
1959	4,786,576	8,579,136	13,365,712	965,717	1,841,318	2,807,035	5,752,293	10,420,454	16,172,747
1960	4,693,611	8,245,754	12,939,365	896,776	1,558,045	2,454,821	5,590,387	9,803,799	15,394,186
1961	4,391,280	7,141,832	11,533,112	853,368	1,491,422	2,344,790	5,244,648	8,633,254	13,877,902
1962	5,020,754	8,330,172	13,350,926	954,063	1,571,239	2,525,302	5,974,817	9,901,411	15,876,228
1963	5,411,281	8,399,909	13,811,190	1,010,478	1,663,635	2,674,113	6,421,759	10,063,544	16,485,303
1964	6,281,882	9,051,042	15,332,924	1,109,247	1,846,178	2,955,425	7,391,129	10,897,220	18,288,349
1965	6,616,986	8,911,176	15,528,162	1,112,360	1,993,768	3,106,128	7,729,346	10,904,944	18,634,290
1966	6,088,866	8,418,473	14,507,339	1,103,051	1,928,763	3,031,814	7,191,917	10,347,236	17,539,153
1967	5,880,426	7,832,007	13,712,433	1,138,782	1,862,541	3,001,323	7,019,208	9,694,548	16,713,756
1968	6,993,222	9,207,883	16,201,105	1,259,272	2,078,271	3,337,543	8,252,494	11,286,154	19,538,648
1969	7,164,526	8,390,228	15,554,754	1,143,126	2,201,538	3,344,664	8,307,652	10,591,766	18,899,418
1970	6,722,009	7,332,832	14,054,841	953,031	1,908,947	2,861,978	7,675,040	9,241,779	16,916,819

1/ Not available.

Table 3.—Log production in the Douglas-fir region by half State and by public and private lands, 1949-70

(Thousand board feet, International 1/4-inch scale)

Year	Western Washington				Western Oregon				Douglas-fir region			
	Public	Private	Public percent	Total	Public	Private	Public percent	Total	Public	Private	Public percent	Total
1949	632,178	3,360,158	16	3,992,336	1,841,230	5,548,266	25	7,389,496	2,473,408	8,908,424	22	11,381,832
1950	1,131,520	3,638,682	24	4,770,202	2,462,720	5,931,823	29	8,394,543	3,594,240	9,570,505	27	13,164,745
1951	1,108,861	3,872,007	22	4,980,868	2,309,945	6,628,185	26	8,938,130	3,418,806	10,500,192	25	13,918,998
1952	1,105,596	3,218,935	26	4,324,531	2,307,901	8,087,622	22	10,395,523	3,413,497	11,306,557	23	14,720,054
1953	1,417,113	3,037,067	32	4,454,180	2,437,711	6,361,665	28	8,799,376	3,854,824	9,398,732	29	13,253,556
1954	1,449,092	2,551,625	36	4,000,717	2,725,120	6,205,972	31	8,931,092	4,174,212	8,757,597	32	12,931,809
1955	1,564,240	3,133,643	33	4,697,883	2,574,869	7,247,781	26	9,822,650	4,139,109	10,381,424	29	14,520,533
1956	1,627,469	3,523,205	32	5,150,674	2,443,048	6,791,710	26	9,234,758	4,070,517	10,314,915	28	14,385,432
1957	1,355,374	2,622,851	34	3,978,225	2,264,144	5,133,588	31	7,397,732	3,619,518	7,756,439	32	11,375,957
1958	1,383,914	2,366,375	37	3,750,289	2,684,080	4,707,524	36	7,391,604	4,067,994	7,073,899	37	11,141,893
1959	1,801,936	2,984,640	38	4,786,576	3,652,220	4,926,916	43	8,579,136	5,454,156	7,911,556	41	13,365,712
1960	1,551,213	3,142,398	33	4,693,611	3,014,306	5,231,448	37	8,245,754	4,565,519	8,373,846	35	12,939,365
1961	1,572,952	2,818,328	36	4,391,280	3,127,670	4,014,162	44	7,141,832	4,700,622	6,832,490	41	11,533,112
1962	1,828,387	3,192,367	36	5,020,754	4,036,405	4,293,767	48	8,330,172	5,864,792	7,486,134	44	13,350,926
1963	2,206,222	3,205,059	41	5,411,281	4,432,649	3,967,260	53	8,399,909	6,638,871	7,172,319	48	13,811,190
1964	2,412,887	3,868,995	38	6,281,882	4,863,860	4,187,182	54	9,051,042	7,276,747	8,056,177	47	15,332,924
1965	2,592,735	4,024,251	39	6,616,986	4,745,446	4,165,730	53	8,911,176	7,338,181	8,189,981	47	15,528,162
1966	2,237,189	3,851,677	37	6,088,866	4,173,121	4,245,352	50	8,418,473	6,410,310	8,097,029	44	14,507,339
1967	2,187,447	3,692,979	37	5,880,426	3,771,098	4,060,909	48	7,832,007	5,958,545	7,753,888	43	13,712,433
1968	2,689,531	4,303,691	38	6,993,222	4,698,944	4,508,939	51	9,207,883	7,388,475	8,812,630	46	16,201,105
1969	2,392,982	4,771,544	33	7,164,526	4,207,215	4,183,013	50	8,390,228	6,600,197	8,954,557	42	15,554,754
1970	2,178,139	4,543,870	32	6,722,009	3,455,484	3,877,348	47	7,332,832	5,633,623	8,421,218	40	14,054,841

Table 4.—Log production in the Douglas-fir

(Thousand board feet,

Year	Western Washington							Total
	Private	State	Bureau of Land Management	National Forest	Indian	Other Federal	Other public	
1949	3,360,158	21,160	684	509,837	100,497	--	--	3,992,336
1950	3,638,682	330,520	7,505	685,456	108,039	--	--	4,770,202
1951	3,872,007	222,888	2,087	757,151	126,735	--	--	4,980,868
1952	3,218,935	182,070	587	770,791	143,236	8,912	--	4,324,531
1953	3,037,067	357,277	1,650	894,266	146,256	17,664	--	4,454,180
1954	2,551,625	416,821	3,563	879,539	141,206	7,963	--	4,000,717
1955	3,133,643	494,077	1,159	832,434	219,298	17,272	--	4,697,883
1956	3,523,205	597,415	1,810	877,730	143,910	6,604	--	5,150,674
1957	2,622,851	450,670	7,693	811,335	77,973	7,703	--	3,978,225
1958	2,366,375	345,380	5,165	936,730	93,536	3,103	--	3,750,289
1959	2,984,640	322,725	6,746	1,336,463	135,758	244	--	4,786,576
1960	3,142,398	307,356	124	1,096,250	140,403	7,080	--	4,693,611
1961	2,818,328	344,456	110	1,076,218	147,541	4,627	--	4,391,280
1962	3,192,367	353,090	--	1,322,992	147,180	5,125	--	5,020,754
1963	3,205,059	611,691	--	1,413,881	152,868	1,994	25,788	5,411,281
1964	3,868,995	606,576	--	1,537,962	210,493	11,688	46,168	6,281,882
1965	4,024,251	743,409	76	1,553,411	224,510	23,174	48,155	6,616,986
1966	3,851,677	570,633	1	1,381,590	208,529	23,613	52,823	6,088,866
1967	3,692,979	476,650	--	1,389,740	223,611	24,325	73,121	5,880,426
1968	4,303,691	710,512	--	1,595,983	261,204	46,486	75,346	6,993,222
1969	4,771,544	765,456	--	1,318,544	209,872	35,825	63,285	7,164,526
1970	4,543,870	662,941	--	1,261,805	190,667	23,579	39,147	6,722,009

region by half State and ownership, 1949-70

International 1/4-inch scale)

Western Oregon								Total Douglas-fir region
Private	State	Bureau of Land Management	National Forest	Indian	Other Federal	Other public	Total	
5,548,266	944,339	233,238	632,271	31,382	--	--	7,389,496	11,381,832
5,931,823	1,002,440	487,436	926,976	45,868	--	--	8,394,543	13,164,745
6,628,185	874,121	444,515	968,376	22,933	--	--	8,938,130	13,918,998
8,087,622	734,400	461,627	1,094,387	17,487	--	--	10,395,523	14,720,054
6,361,665	644,709	540,783	1,251,297	922	--	--	8,799,376	13,253,556
6,205,972	570,358	742,968	1,411,104	690	--	--	8,931,092	12,931,809
7,247,781	535,220	575,463	1,464,186	--	--	--	9,822,650	14,520,533
6,791,710	427,805	551,877	1,463,366	--	--	--	9,234,758	14,385,432
5,133,588	363,833	606,648	1,293,663	--	--	--	7,397,732	11,375,957
4,707,524	140,061	767,228	1,776,791	--	--	--	7,391,604	11,141,893
4,926,916	164,014	990,547	2,497,659	--	--	--	8,579,136	13,365,712
5,231,448	206,390	864,922	1,942,994	--	--	--	8,245,754	12,939,365
4,014,162	216,533	917,608	1,993,529	--	--	--	7,141,832	11,533,112
4,293,767	202,302	1,151,908	2,682,195	--	--	--	8,330,172	13,350,926
3,967,260	252,240	1,427,725	2,752,684	--	--	--	8,399,909	13,811,190
4,187,182	292,092	1,715,282	2,856,486	--	--	--	9,051,042	15,332,924
4,165,730	289,636	1,304,326	3,137,596	--	3,653	10,235	8,911,176	15,528,162
4,245,352	217,620	1,275,606	2,630,536	--	6,916	42,443	8,418,473	14,507,339
4,060,909	151,953	1,131,196	2,470,610	--	--	17,339	7,832,007	13,712,433
4,508,939	191,253	1,519,933	2,968,102	--	5,657	13,999	9,207,883	16,201,105
4,183,013	230,299	1,253,023	2,695,726	--	48	28,119	8,390,228	15,554,754
3,877,348	177,735	1,076,687	2,189,564	--	1,569	9,929	7,332,832	14,054,841

Table 5.—Log production in the ponderosa pine region by half State and by public and private lands, 1949-70

(Thousand board feet, International 1/4-inch scale)

Year	Eastern Washington				Eastern Oregon				Ponderosa pine region			
	Public	Private	Public percent	Total	Public	Private	Public percent	Total	Public	Private	Public percent	Total
1949	228,453	352,403	39	580,856	513,370	474,077	52	987,447	741,823	826,480	47	1,568,303
1950	327,245	212,931	61	540,176	646,258	516,549	56	1,162,807	973,503	729,480	57	1,702,983
1951	337,193	309,190	52	646,383	670,393	729,906	48	1,400,299	1,007,586	1,039,096	49	2,046,682
1952	322,571	372,953	46	695,524	621,880	595,222	51	1,217,102	944,451	968,175	49	1,912,626
1953	421,019	359,015	54	780,034	667,487	662,183	50	1,329,670	1,088,506	1,021,198	52	2,109,704
1954	382,300	401,890	49	784,190	724,686	797,250	48	1,521,936	1,106,986	1,199,140	48	2,306,126
1955	385,837	425,634	48	811,471	763,114	849,153	47	1,612,267	1,148,951	1,274,787	47	2,423,738
1956	455,045	366,137	55	821,182	897,776	838,736	52	1,736,512	1,352,821	1,204,873	53	2,557,694
1957	423,306	382,710	53	806,016	708,614	752,536	48	1,461,150	1,131,920	1,135,246	50	2,267,166
1958	471,699	354,318	57	826,017	860,103	743,409	54	1,603,512	1,331,802	1,097,727	55	2,429,529
1959	596,775	368,942	62	965,717	1,047,722	793,596	57	1,841,318	1,644,497	1,162,538	59	2,807,035
1960	472,365	424,411	53	896,776	891,642	666,403	57	1,558,045	1,364,007	1,090,814	56	2,454,821
1961	513,912	339,456	60	853,368	925,374	566,048	62	1,491,422	1,439,286	905,504	61	2,344,790
1962	661,674	292,389	69	954,063	991,520	579,719	63	1,571,239	1,653,194	872,108	65	2,525,302
1963	711,717	298,761	70	1,010,478	1,139,338	524,297	68	1,663,635	1,851,055	823,058	69	2,674,113
1964	790,284	318,963	71	1,109,247	1,263,081	583,097	68	1,846,178	2,053,365	902,060	69	2,955,425
1965	837,554	274,806	75	1,112,360	1,370,773	622,995	69	1,993,768	2,208,327	897,801	71	3,106,128
1966	815,616	287,435	74	1,103,051	1,280,237	648,526	66	1,928,763	2,095,853	935,961	69	3,031,814
1967	870,255	268,527	76	1,138,782	1,361,340	501,201	73	1,862,541	2,231,595	769,728	74	3,001,323
1968	948,488	310,784	75	1,259,272	1,417,207	661,064	68	2,078,271	2,365,695	971,848	71	3,337,543
1969	846,629	296,497	74	1,143,126	1,452,944	748,594	66	2,201,538	2,299,573	1,045,091	69	3,344,664
1970	652,502	300,529	68	953,031	1,200,507	708,440	63	1,908,947	1,853,009	1,008,969	65	2,861,978

Table 6.—Log production in the ponderosa pine

(Thousand board feet,

Year	Eastern Washington							Total
	Private	State	Bureau of Land Management	National Forest	Indian	Other Federal	Other public	
1949	352,403	23,935	--	113,325	91,193	--	--	580,856
1950	212,931	73,171	3,333	132,615	118,126	--	--	540,176
1951	309,190	37,998	8,302	156,527	134,366	--	--	646,383
1952	372,953	10,493	1,873	174,515	135,690	--	--	695,524
1953	359,015	37,243	2,078	215,694	166,004	--	--	780,034
1954	401,890	11,702	6,811	220,967	142,820	--	--	784,190
1955	425,634	41,873	9,137	184,851	149,976	--	--	811,471
1956	366,137	34,544	14,779	232,500	173,222	--	--	821,182
1957	382,710	33,571	6,723	243,846	139,166	--	--	806,016
1958	354,318	20,408	10,763	268,347	172,181	--	--	826,017
1959	368,942	23,290	14,924	353,440	205,121	--	--	965,717
1960	424,411	18,562	12,676	291,823	149,304	--	--	896,776
1961	339,456	18,506	10,629	308,650	176,127	--	--	853,368
1962	292,389	34,001	5,760	428,067	193,846	--	--	954,063
1963	298,761	41,982	153	440,760	226,638	--	2,184	1,010,478
1964	318,963	36,230	819	482,106	267,271	3,725	133	1,109,247
1965	274,806	74,137	688	463,406	292,893	5,611	819	1,112,360
1966	287,435	70,272	4,743	458,148	276,234	606	5,613	1,103,051
1967	268,527	77,246	3,642	479,362	300,436	--	9,569	1,138,782
1968	310,784	98,648	4,326	505,620	335,255	4,337	302	1,259,272
1969	296,479	118,004	2,416	456,474	263,896	4,835	1,022	1,143,126
1970	300,529	56,517	3,660	356,163	224,635	2,978	8,549	953,031

region by half State and ownership, 1949-70

International 1/4-inch scale)

Private	State	Eastern Oregon					Total ponderosa pine region
		Bureau of Land Management	National Forest	Indian	Other public	Total	
474,077	603	4,835	366,219	141,713	--	987,447	1,568,303
516,549	200	13,046	486,422	146,590	--	1,162,807	1,702,983
729,906	292	56,563	443,408	170,130	--	1,400,299	2,046,682
595,222	129	12,819	480,002	128,930	--	1,217,102	1,912,626
662,183	--	17,030	515,419	135,038	--	1,329,670	2,109,704
797,250	--	18,829	588,821	117,036	--	1,521,936	2,306,126
849,153	--	26,901	593,470	142,743	--	1,612,267	2,423,738
838,736	--	22,795	701,064	173,917	--	1,736,512	2,557,694
752,536	782	24,407	627,448	55,977	--	1,461,150	2,267,166
743,409	2,873	31,637	719,740	105,853	--	1,603,512	2,429,529
793,596	2,006	38,776	925,986	80,954	--	1,841,318	2,807,346
666,403	3,707	52,143	754,534	81,258	--	1,558,045	2,454,821
566,048	2,311	33,598	845,984	43,481	--	1,491,422	2,344,790
579,719	1,477	20,915	912,389	56,739	--	1,571,239	2,525,302
524,297	5,965	22,958	1,034,369	76,046	--	1,663,635	2,674,113
583,097	2,650	24,349	1,139,229	96,853	--	1,846,178	2,955,425
622,995	14,827	12,381	1,264,526	79,039	--	1,993,768	3,106,128
648,526	4,048	45,538	1,166,193	64,458	--	1,928,763	3,031,814
501,201	1,455	29,223	1,213,273	117,389	--	1,862,541	3,001,323
661,064	3,070	42,059	1,265,326	106,752	--	2,078,271	3,337,543
748,594	9,369	28,169	1,317,070	98,335	1	2,201,538	3,344,644
708,440	2,565	24,923	1,089,007	84,012	--	1,908,947	2,861,978

Table 7.—Log production in western Oregon

(Thousand board feet,

Year	Total western Oregon	Benton	Clackamas	Clatsop	Columbia	Coos	Curry	Douglas	Hood River
1925	3,469,865	85,631	94,333	607,024	625,950	394,267	4,804	70,042	$\frac{1}{1}$ 99,264
1926	3,509,226	66,252	129,843	690,863	603,379	372,016	5,751	98,165	$\frac{1}{1}$ 31,611
1927	3,619,063	73,524	186,156	620,175	636,246	352,009	4,828	127,707	$\frac{1}{1}$ 72,722
1928	3,741,380	87,375	184,327	669,915	593,379	360,386	5,733	87,538	$\frac{1}{1}$ 76,119
1929	4,182,563	112,504	205,275	660,102	592,402	408,238	5,655	156,403	$\frac{1}{1}$ 80,090
1930	2,665,515	84,952	174,943	453,422	379,758	166,964	1,322	80,135	$\frac{1}{1}$ 59,529
1931	1,908,525	86,542	110,866	248,554	310,140	117,244	235	30,647	$\frac{1}{1}$ 51,062
1932	1,291,173	$\frac{2}{2}$ 132,444	57,236	$\frac{3}{3}$ 465,570	(3/)	67,936	1,684	29,713	18,733
1933	1,900,464	$\frac{2}{2}$ 128,992	117,709	$\frac{3}{3}$ 607,609	(3/)	127,859	1,689	53,375	26,507
1934	2,420,259	76,642	147,287	259,098	193,575	445,612	13,133	102,385	29,113
1935	2,721,889	104,485	153,854	339,161	210,453	258,443	20,737	143,127	34,199
1936	3,455,321	100,502	202,027	$\frac{3}{3}$ 705,820	(3/)	299,491	45,906	177,330	$\frac{1}{1}$ 99,419
1937	4,074,144	140,912	173,737	639,750	185,840	683,109	40,535	153,646	52,465
1938	3,322,391	127,611	113,608	542,094	198,180	333,090	45,430	169,907	$\frac{1}{1}$ 42,734
1939	4,042,744	120,476	139,335	$\frac{3}{3}$ 544,980	196,644	400,825	90,146	215,958	$\frac{1}{1}$ 98,494
1940	4,682,701	121,275	264,671	$\frac{3}{3}$ 814,959	(3/)	480,879	59,267	297,101	$\frac{1}{1}$ 75,363
1941	6,355,108	194,513	382,843	$\frac{3}{3}$ 624,640	239,603	678,053	80,513	421,598	$\frac{1}{1}$ 93,488
1942	6,320,298	208,100	420,539	$\frac{3}{3}$ 376,384	208,304	544,158	60,489	495,624	65,635
1943	6,705,491	229,241	378,555	$\frac{3}{3}$ 439,221	(3/)	510,720	65,232	617,201	66,750
1945	5,833,305	125,961	316,454	259,009	93,096	349,970	31,141	625,225	48,970
1946	6,559,709	228,108	341,685	243,406	65,351	510,225	26,940	866,689	60,658
1947	8,007,750	253,832	532,325	289,011	86,553	676,672	60,751	1,034,657	49,487
1948	8,694,808	252,845	509,377	252,414	84,340	640,140	146,345	1,369,268	69,230
1949	7,389,496	233,492	442,211	195,675	56,453	526,654	103,682	1,236,719	45,955
1950	8,394,543	235,255	454,217	191,547	65,894	662,521	233,051	1,355,418	60,597
1951	8,938,130	240,025	492,052	213,528	42,099	830,356	344,576	1,606,967	73,176
1952	10,395,523	220,947	489,267	208,642	61,651	895,075	772,567	1,932,281	60,935
1953	8,799,376	210,835	468,527	185,575	80,275	812,311	420,553	1,779,258	78,198
1954	8,931,092	215,675	441,018	159,301	65,258	716,142	477,072	1,892,614	69,872
1955	9,822,650	207,137	503,732	293,040	75,547	912,434	419,781	2,352,083	71,859
1956	9,234,758	237,720	499,782	290,194	143,664	646,369	466,720	2,116,392	79,009
1957	7,397,732	152,612	400,737	209,089	131,074	568,761	530,569	1,556,066	73,745
1958	7,391,604	147,722	428,664	242,235	98,327	690,240	498,923	1,605,117	104,654
1959	8,579,136	159,790	536,647	282,398	96,602	781,997	692,797	1,895,024	113,005
1960	8,245,754	152,485	417,465	305,491	114,702	798,991	559,256	1,821,419	87,897
1961	7,141,832	123,847	370,569	256,281	44,758	521,475	512,824	1,245,096	85,656
1962	8,330,172	101,557	437,465	285,382	44,259	612,627	591,634	1,542,395	88,467
1963	8,399,909	157,085	408,924	287,534	117,336	712,152	583,901	1,498,503	64,145
1964	9,051,042	152,080	402,845	351,566	146,227	858,596	473,588	1,861,767	57,151
1965	8,911,176	144,436	472,416	387,822	123,843	783,259	420,481	1,936,416	68,981
1966	8,418,473	151,420	502,321	316,370	119,517	743,488	427,998	1,734,661	100,739
1967	7,832,007	118,651	429,634	294,513	118,223	568,569	454,301	1,718,017	52,003
1968	9,207,883	115,939	507,851	459,515	131,754	439,842	478,979	2,160,707	43,923
1969	8,390,228	111,661	556,133	334,805	120,819	430,854	485,784	1,965,603	42,635
1970	7,332,832	160,889	392,137	366,021	115,843	641,689	331,432	1,630,095	44,467

NOTE: Production for years 1925-43 and 1945 collected by U.S. Forest Service in cooperation with U.S. Bureau of the Census. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service. Production statistics for 1944 not available.

Specific data for the following counties and years are unavailable, as combinations were necessary to avoid disclosing

y county, 1925-43 and 1945-70*

ternational 1/4-inch scale)

ackson	Josephine	Lane	Lincoln	Linn	Marion	Multnomah	Polk	Tillamook	Washington	Yamhill
74,369	5,081	315,142	211,430	40,899	144,393	(1/)	171,605	192,022	203,778	129,831
81,346	9,590	351,225	173,585	47,369	146,397	69,523	173,024	142,848	183,096	133,343
67,791	9,137	396,294	166,668	63,404	142,040	(1/)	183,760	165,437	208,250	142,915
98,714	12,891	392,052	157,894	75,256	156,059	(1/)	237,550	181,666	200,718	163,808
13,265	22,746	546,819	167,453	79,167	156,463	(1/)	256,874	291,937	183,790	143,380
89,481	15,824	361,261	87,906	45,051	126,723	(1/)	176,198	171,322	120,434	70,290
53,045	13,042	249,516	51,532	51,142	83,827	(1/)	126,766	229,522	71,899	22,944
24,043	4,556	193,633	(4/)	20,012	66,663	18,920	(2/)	4/100,591	46,699	42,740
46,810	18,876	269,005	91,718	59,693	74,449	31,492	(2/)	62,358	141,447	40,876
39,651	24,312	272,723	122,725	95,844	120,338	51,527	94,748	159,264	123,996	48,286
57,377	29,188	382,235	139,124	95,948	110,626	35,976	108,851	262,797	178,166	57,142
96,375	39,250	502,937	159,756	139,798	122,029	(1/)	174,853	238,836	301,868	49,124
38,967	42,288	540,315	182,165	205,405	109,790	29,646	178,883	340,734	192,273	43,684
04,251	25,407	486,583	121,025	135,662	70,680	20,299	197,780	389,670	140,893	57,487
53,370	17,835	694,470	273,738	215,085	82,568	(1/)	236,881	270,613	237,535	53,791
55,518	30,130	741,408	279,716	352,565	100,533	46,226	187,612	426,090	177,106	72,282
74,598	67,086	885,249	314,147	594,878	157,130	(1/)	386,880	487,335	239,469	133,085
40,415	129,232	967,891	381,966	697,562	220,387	2,722	310,238	557,792	247,390	85,470
11,827	158,203	1,158,634	435,237	879,483	154,582	3,145	354,841	513,906	215,550	113,163
50,712	158,956	1,314,615	323,633	928,104	153,343	7,450	288,129	238,063	128,537	91,937
09,894	197,582	1,296,395	455,776	785,641	107,277	2,629	323,416	366,839	137,029	134,169
93,879	238,244	1,465,398	485,064	918,778	165,655	18,555	366,970	506,672	162,747	202,500
12,850	303,792	1,505,403	565,364	809,508	191,604	9,756	306,029	628,090	157,320	181,133
32,013	230,716	1,212,021	436,938	678,405	133,017	14,433	288,454	793,215	195,341	134,102
12,074	298,812	1,542,038	321,017	695,270	168,264	25,512	296,822	870,926	149,318	155,990
41,387	383,070	1,712,184	227,398	664,166	167,121	20,823	283,140	740,107	121,591	134,364
77,595	380,376	1,844,792	664,262	712,018	147,540	24,507	258,888	735,077	159,422	149,681
44,507	293,917	1,566,296	524,985	647,647	195,282	15,940	156,051	593,949	167,755	57,515
01,562	334,705	1,500,367	488,646	645,001	129,574	21,164	235,944	524,611	124,691	87,875
48,245	352,223	1,461,200	736,367	576,772	85,370	16,239	231,243	488,367	102,576	88,435
70,644	318,981	1,322,584	690,480	662,870	96,215	22,029	264,644	498,378	113,767	94,316
15,679	234,074	1,159,050	572,694	575,858	53,310	10,675	168,833	342,443	80,654	61,809
31,023	137,239	1,317,799	384,832	463,291	107,254	10,116	169,944	331,869	50,082	72,273
04,245	241,587	1,307,333	512,455	553,231	134,255	20,187	212,193	322,009	45,217	68,164
39,295	190,495	1,561,187	522,901	496,023	123,371	34,183	93,227	351,860	28,124	47,382
97,787	161,772	1,761,152	381,717	653,615	127,232	36,383	63,179	243,900	12,112	42,477
30,438	241,849	2,038,464	466,222	738,345	127,978	41,222	102,955	274,270	28,384	36,259
27,401	213,218	1,856,327	516,899	740,298	161,955	34,789	184,918	279,197	30,598	24,729
43,437	212,075	1,968,662	564,048	739,685	147,640	55,925	151,756	284,845	23,368	53,781
16,581	166,854	1,818,337	530,264	842,005	151,592	53,125	131,543	280,780	35,654	46,787
36,757	167,922	1,662,920	515,871	818,866	104,591	48,664	116,337	252,303	33,587	64,141
06,143	177,588	1,558,551	503,827	761,646	83,302	26,905	73,575	297,220	20,224	69,115
46,726	168,821	1,885,027	543,927	837,490	170,255	83,752	114,088	310,813	37,621	70,853
30,022	162,871	1,720,317	415,777	794,187	141,251	51,740	115,925	298,257	48,561	63,026
70,010	139,526	1,532,042	271,399	711,847	140,602	63,852	100,601	251,113	24,665	44,602

roduction of individual operations:

- 1/ Hood River and Multnomah - 1925, 1927-31, 1936, 1939, and 1941.
- 2/ Benton and Polk - 1932 and 1933.
- 3/ Clatsop and Columbia - 1932, 1933, 1936, 1940, and 1943.
- 4/ Lincoln and Tillamook - 1932.

Table 8.—Log production in eastern Oregon

(Thousand board feet,

Year	Total eastern Oregon	Baker	Crook	Deschutes	Gilliam	Grant	Harney	Jefferson
1925	1,024,492	58,802	(1/)	$\frac{1}{1/}$ 366,020	--	23,808	1,070	(2/)
1926	1,038,374	61,723	(1/)	$\frac{1}{1/}$ 332,208	--	31,388	829	(2/)
1927	809,724	42,934	(1/)	$\frac{1}{1/}$ 252,414	--	21,357	877	(2/)
1928	966,804	28,767	(1/)	$\frac{1}{1/}$ 312,622	--	22,160	979	(2/)
1929	1,139,079	29,243	(1/)	$\frac{1}{1/}$ 339,885	--	31,822	1,316	(2/)
1930	929,001	35,412	(1/)	$\frac{1}{1/}$ 243,050	--	68,186	4,093	(2/)
1931	723,342	34,978	(1/)	$\frac{1}{1/}$ 171,842	--	55,276	5,842	(2/)
1932	420,804	27,954	(1/)	$\frac{1}{1/}$ 91,752	--	44,635	663	(2/)
1933	676,047	49,942	(1/)	$\frac{1}{1/}$ 147,318	--	50,236	407	(2/)
1934	659,778	39,221	(1/)	$\frac{1}{1/}$ 145,777	--	42,137	369	(2/)
1935	1,085,986	51,515	(1/)	$\frac{1}{1/}$ 169,391	--	$\frac{3}{1/}$ 115,154	2,953	7,094
1936	1,298,002	57,593	5,195	192,686	--	$\frac{3}{1/}$ 132,391	567	14,338
1937	1,419,927	52,262	13,000	222,872	--	$\frac{3}{1/}$ 158,387	(3/)	23,428
1938	1,098,930	23,903	41,462	200,657	--	$\frac{3}{1/}$ 82,682	(3/)	(2/)
1939	1,578,591	50,780	83,416	211,026	--	$\frac{3}{1/}$ 177,390	(3/)	(2/)
1940	1,582,616	45,508	93,994	258,050	--	$\frac{3}{1/}$ 164,542	(3/)	(2/)
1941	1,710,851	73,905	109,097	196,672	--	$\frac{3}{1/}$ 155,989	(3/)	(2/)
1942	1,812,359	47,601	105,395	248,334	--	$\frac{3}{1/}$ 142,203	(3/)	(2/)
1943	1,595,415	72,351	60,278	200,743	--	139,235	1,032	35,952
1945	1,145,094	28,159	79,915	133,733	--	145,015	1,700	8,239
1946	1,342,652	35,969	(1/)	$\frac{1}{1/}$ 194,605	--	$\frac{4}{1/}$ 188,653	3,836	54,777
1947	1,354,696	32,266	85,054	14,619	--	181,362	30,284	170,618
1948	1,274,344	28,314	97,922	47,918	--	188,479	51,799	137,020
1949	987,447	11,847	89,317	33,289	--	165,142	45,261	120,424
1950	1,162,807	15,803	60,766	42,499	--	196,769	27,392	43,670
1951	1,400,299	28,804	102,543	52,773	2,789	229,803	48,199	115,532
1952	1,217,102	40,617	72,291	62,126	--	248,890	32,079	83,291
1953	1,329,670	57,234	66,632	58,779	--	212,983	27,974	83,173
1954	1,521,936	76,541	93,334	74,814	535	261,679	51,999	59,510
1955	1,612,267	82,426	59,938	51,556	--	301,470	47,132	104,708
1956	1,736,512	106,198	87,440	90,096	--	304,811	61,653	107,430
1957	1,461,150	94,903	60,292	92,044	--	225,916	25,883	61,837
1958	1,603,512	102,234	86,023	96,738	--	257,137	49,753	81,875
1959	1,841,318	125,816	87,784	96,985	--	291,856	43,767	95,927
1960	1,558,045	65,569	61,163	82,308	--	192,505	55,255	50,194
1961	1,491,422	46,130	80,250	96,421	45	223,737	47,338	54,200
1962	1,571,239	76,289	122,923	77,991	--	185,606	53,622	61,642
1963	1,663,635	69,499	101,019	64,051	--	290,942	29,898	84,197
1964	1,846,178	118,380	110,624	121,318	--	287,061	62,135	98,837
1965	1,993,768	116,651	73,133	140,502	--	270,691	83,461	107,444
1966	1,928,763	123,336	82,149	137,478	--	225,720	76,395	41,822
1967	1,862,541	102,919	99,294	150,535	--	278,809	76,539	53,969
1968	2,078,271	118,382	102,241	74,136	428	253,537	68,249	111,553
1969	2,201,538	109,752	90,636	97,940	2,632	260,561	66,488	136,284
1970	1,908,947	71,150	109,140	99,450	--	251,056	64,414	109,572

NOTE: Production for years 1925-43 and 1945 collected by U.S. Forest Service in cooperation with U.S. Bureau of the Census. Production for 1946 collected by U.S. Forest Service. Production for 1947 and 1948 based on statistics compiled by State Forester, Oregon State Board of Forestry, U.S. Forest Service, and Indian Service. Production statistics for 1944 not available.

Specific data for the following counties and years are unavailable, as combinations were necessary to

by county, 1925-43 and 1945-70*

International 1/4-inch scale)

Klamath	Lake	Malheur	Morrow	Umatilla	Union	Wallowa	Wasco	Wheeler
405,987	5,072	374	(5/)	<u>5/</u> 13,658	28,077	119,856	<u>2/</u> 987	781
433,682	10,219	268	(5/)	<u>5/</u> 1,134	61,418	103,151	<u>2/</u> 1,728	626
368,770	12,027	--	(5/)	<u>5/</u> 770	44,887	63,606	<u>2/</u> 1,215	867
484,999	21,470	--	(5/)	<u>5/</u> 1,140	52,574	35,272	<u>2/</u> 1,519	5,302
547,733	30,559	214	(5/)	<u>5/</u> 8,448	77,832	46,470	<u>2/</u> 995	24,562
443,889	14,365	--	(5/)	<u>5/</u> 9,780	42,238	40,714	<u>2/</u> 1,610	25,664
371,044	7,918	--	(5/)	<u>5/</u> 13,295	23,465	<u>6/</u> 12,482	<u>2/</u> 1,418	25,782
196,591	20,330	161	(5/)	<u>5/</u> 3,568	(6/)	12,530	<u>2/</u> 1,375	21,245
304,586	51,750	268	856	<u>5/</u> 3,087	25,418	7,709	<u>2/</u> 11,112	23,358
318,448	49,974	1,231	(5/)	<u>5/</u> 6,944	13,760	6,452	<u>2/</u> 13,669	21,796
495,480	129,888	696	(5/)	<u>5/</u> 10,459	45,850	17,339	<u>2/</u> 6,120	34,047
616,304	137,190	2,488	2,846	<u>5/</u> 10,111	58,246	24,075	10,197	33,775
657,927	139,571	2,932	(5/)	<u>5/</u> 14,743	47,005	38,982	<u>2/</u> 8,515	40,303
462,513	140,748	2,247	4,799	<u>5/</u> 17,366	56,522	24,337	<u>2/</u> 9,219	32,475
641,797	211,574	2,247	7,084	15,856	49,445	42,169	<u>2/</u> 43,880	41,927
678,267	129,429	3,210	11,466	28,543	45,265	35,382	<u>2/</u> 43,980	44,980
646,361	275,626	1,252	15,579	35,064	56,785	45,839	<u>2/</u> 15,438	83,244
740,239	210,469	--	32,419	52,778	68,582	50,301	<u>2/</u> 26,106	87,932
548,332	287,357	--	28,302	64,352	42,634	36,229	8,490	70,128
477,765	72,401	--	11,630	40,364	28,626	36,894	25,013	55,640
432,479	136,718	(4/)	41,323	63,506	46,402	46,134	47,575	50,675
403,892	95,502	1,027	25,260	47,856	42,590	64,277	89,854	70,235
342,726	89,942	321	36,867	51,675	27,525	72,170	71,958	29,708
284,525	42,923	--	34,078	11,292	24,523	49,348	60,571	14,907
290,937	86,756	--	29,813	57,316	42,121	62,320	100,767	105,878
261,280	102,345	--	30,672	65,174	40,665	63,617	134,785	121,318
211,155	124,227	--	12,005	43,370	51,946	58,639	110,788	65,678
231,156	158,625	428	11,609	68,021	51,652	73,350	107,007	121,047
207,298	134,430	5,510	26,516	108,999	69,470	115,859	113,327	122,115
321,676	156,622	599	39,740	84,159	62,175	85,499	129,403	85,164
198,205	252,831	137	54,067	83,488	95,474	93,786	124,298	76,598
194,731	163,966	--	62,355	87,768	129,083	106,609	133,775	21,988
217,700	168,347	--	67,980	98,969	105,373	94,510	129,379	47,494
264,698	185,079	2,311	78,543	119,871	117,882	111,173	126,038	93,588
260,592	213,143	535	74,478	98,676	86,945	102,309	167,421	46,952
194,948	183,327	1,318	44,890	121,561	124,966	98,496	132,151	41,644
266,125	178,746	--	47,571	154,600	122,816	88,728	105,553	29,027
292,344	184,778	107	24,905	112,405	122,521	146,885	118,536	21,548
310,178	276,924	--	31,583	81,473	105,018	103,331	101,909	37,407
447,199	184,648	1,284	29,173	99,998	132,140	138,370	113,977	55,097
454,290	276,509	2,675	45,288	120,588	95,994	108,363	112,770	25,386
300,011	255,178	161	39,715	68,540	119,660	141,645	157,260	18,306
426,385	423,860	125	24,860	78,379	86,215	164,646	93,090	52,185
516,505	344,416	379	10,569	97,205	110,953	176,223	137,294	43,701
460,323	277,445	4	30,464	48,242	139,400	99,116	110,653	38,518

avoid disclosing production of individual operations:

- 1/ Crook and Deschutes - 1925-35 and 1946.
- 2/ Jefferson and Wasco - 1925-34 and 1938-42.
- 3/ Grant and Harney - 1937-42.
- 4/ Grant and Malheur - 1946.
- 5/ Morrow and Umatilla - 1925-32, 1934, 1935, and 1937.
- 6/ Union and Wallowa - 1932.

Table 9.—Log production in western Washington

(Thousand board feet,

Year	Total western Washington	Clallam	Clark	Cowlitz	Grays Harbor	Island	Jefferson	King	Kitsap
1925	7,200,629	389,371	50,012	360,814	1,954,919	1/1,937	114,014	817,577	83,918
1926	7,146,917	450,996	75,769	541,098	1,916,244	1/1,388	127,526	752,014	100,422
1927	7,693,903	583,353	71,297	559,411	2,069,400	1/2,806	187,960	763,926	132,729
1928	8,059,434	700,146	71,979	547,103	1,900,394	1/2,321	180,705	770,386	235,748
1929	8,242,237	791,016	81,376	588,122	2,089,491	1/2,960	240,857	726,771	160,792
1930	5,237,971	584,341	27,622	684,622	1,035,334	1/1,219	97,405	444,979	140,589
1931	3,900,006	409,429	2,369	561,608	695,291	1/1,890	102,077	289,037	139,233
1932	2,465,136	248,921	4,490	454,381	451,509	1/827	88,920	131,883	110,561
1933	3,855,553	447,202	18,294	643,997	636,106	1/2,313	69,037	223,715	150,535
1934	4,074,210	418,124	28,562	519,722	808,979	1/16,425	87,790	254,696	123,218
1935	4,046,103	395,116	22,433	514,270	522,906	1/1,280	67,091	300,671	124,107
1936	5,576,740	527,342	34,632	594,830	900,596	1/72	58,808	510,993	117,498
1937	5,625,499	543,915	34,648	547,616	844,111	2,677	123,056	384,638	49,314
1938	3,665,501	258,795	8,868	459,888	424,714	1/1,201	30,607	293,838	120,978
1939	4,857,976	218,758	8,366	377,780	589,295	1/1,257	88,249	380,054	40,764
1940	5,456,132	461,289	15,197	343,466	649,341	1/1,435	41,984	405,399	24,951
1941	5,611,924	478,792	21,989	357,760	689,501	1/2,091	71,273	328,930	13,757
1942	5,334,166	406,116	14,997	240,183	500,096	1/3,611	66,092	366,904	14,218
1943	5,015,083	324,816	42,350	393,639	458,754	2,485	114,672	393,898	19,691
1945	3,596,002	282,906	23,486	262,799	357,486	4,334	42,878	342,912	9,993
1946	4,058,780	283,182	44,737	236,749	508,068	6,321	57,008	293,658	12,247
1948	4,241,400	404,235	26,541	259,884	457,276	9,526	148,595	263,194	14,719
1949	3,992,336	279,072	27,063	313,393	424,027	14,708	56,291	290,349	50,406
1950	4,770,202	280,417	89,757	265,258	567,291	19,578	137,116	229,758	83,609
1951	4,980,868	277,394	52,703	373,256	561,780	24,587	199,101	257,818	109,074
1952	4,324,531	324,888	31,707	345,018	511,325	29,564	213,551	296,026	71,858
1953	4,454,180	406,805	16,606	530,971	429,741	24,344	112,828	240,835	33,536
1954	4,000,717	397,655	51,456	419,312	434,823	20,435	130,451	239,499	29,831
1955	4,697,883	386,833	48,813	530,708	485,009	27,291	260,824	306,200	33,320
1956	5,150,674	291,343	40,638	534,001	534,067	16,280	231,873	371,542	65,409
1957	3,978,225	246,047	20,328	485,767	370,224	25,602	218,893	284,477	43,183
1958	3,750,289	200,182	16,725	462,435	418,786	18,416	197,809	273,199	30,386
1959	4,786,576	333,206	22,815	427,347	541,244	22,084	269,037	233,096	43,024
1960	4,693,611	342,320	13,293	581,927	529,680	26,140	260,583	370,617	33,850
1961	4,391,280	311,503	41,865	493,166	474,871	20,818	279,361	257,564	34,728
1962	5,020,754	277,947	90,577	497,681	498,870	15,132	295,288	299,778	25,492
1963	5,411,281	401,817	39,617	699,565	578,673	20,245	332,054	293,164	22,917
1964	6,281,882	377,674	18,255	855,362	724,534	15,761	382,732	476,277	26,306
1965	6,616,986	392,251	45,047	867,250	762,672	12,026	392,431	407,923	23,936
1966	6,088,866	342,419	42,305	643,182	653,078	15,890	454,944	334,762	20,169
1967	5,880,426	406,220	18,985	533,699	624,295	11,855	445,764	419,723	22,380
1968	6,993,222	468,188	37,855	749,678	751,626	13,025	513,241	420,649	26,182
1969	7,164,526	432,859	64,884	640,957	856,105	17,367	504,608	500,053	28,954
1970	6,722,009	428,764	28,135	759,197	687,900	18,945	452,615	557,159	35,115

NOTE: Production for years 1925-43 and 1945 collected by U.S. Forest Service in cooperation with U.S. Bureau of the Census. Production for 1946 and 1948 collected by U.S. Forest Service. Production statistics for 1944 and 1947 not available.

Specific data for the following counties and years are unavailable, as combinations were necessary to avoid

by county, 1925-43, 1945, 1946, and 1948-70*

International 1/4-inch scale)

Lewis	Mason	Pacific	Pierce	San Juan	Skagit	Skamania	Snohomish	Thurston	Wahkiakum	Whatcom
566,059	243,355	^{2/} 337,297	549,264	(1/)	496,536	31,213	738,091	200,495	94,707	171,050
493,444	258,475	^{2/} 506,368	550,537	(1/)	450,002	35,504	572,200	170,573	(2/)	144,357
554,964	374,153	311,673	561,569	(1/)	469,335	26,693	450,561	277,453	137,507	159,113
574,146	616,009	337,283	554,568	(1/)	515,620	32,734	428,881	298,738	166,566	126,107
566,824	609,943	^{2/} 389,990	543,150	(1/)	399,787	41,243	367,936	351,919	163,114	126,946
435,486	270,290	^{2/} 342,951	484,212	(1/)	86,494	27,695	188,642	333,851	(2/)	52,239
370,711	179,116	^{2/} 298,928	295-883	(1/)	132,164	27,109	96,666	252,363	(2/)	46,132
105,981	91,921	^{2/} 238,038	188,720	(1/)	53,281	16,946	101,418	157,248	(2/)	20,091
273,868	81,941	296,712	274,753	(1/)	51,097	21,014	314,929	199,429	92,343	58,268
301,163	124,414	219,038	294,300	(1/)	161,235	17,593	257,188	290,846	79,547	71,370
536,197	163,874	291,599	298,523	--	181,367	22,868	211,170	240,396	79,184	73,051
961,831	213,305	^{2/} 332,829	348,440	(1/)	272,268	31,060	210,157	228,484	118,199	115,396
1,041,687	232,196	^{2/} 460,936	510,763	--	303,938	46,106	259,398	138,280	(2/)	102,220
817,314	147,591	^{2/} 258,363	304,475	--	113,206	40,222	171,563	179,628	(2/)	34,250
1,268,721	292,479	^{2/} 469,443	360,143	(1/)	267,436	68,454	235,695	61,103	(2/)	129,979
1,366,466	248,530	^{2/} 561,417	407,063	(1/)	348,676	51,376	282,584	72,933	(2/)	174,025
1,618,283	210,850	389,861	448,540	(1/)	358,419	77,483	222,728	37,818	94,216	189,633
1,667,302	200,451	^{2/} 489,432	324,251	(1/)	373,093	83,853	214,379	30,669	105,737	232,782
1,174,832	180,106	^{2/} 582,975	362,851	(1/)	313,977	93,037	256,403	35,904	(2/)	264,693
759,316	116,024	^{2/} 419,167	190,609	--	255,067	104,798	201,818	73,529	(2/)	148,880
863,965	168,294	525,174	214,051	5,328	207,382	108,520	183,073	102,675	80,249	158,099
814,842	37,733	649,693	217,634	990	256,440	147,270	170,294	118,125	64,671	179,738
722,613	131,418	411,916	203,511	20,076	212,046	222,589	198,379	167,372	64,706	182,401
832,443	180,081	548,087	260,058	24,911	263,828	239,638	252,752	158,141	78,853	258,626
1,012,982	141,139	540,476	239,966	22,887	249,813	263,600	240,912	130,769	84,880	197,731
707,978	119,724	249,420	281,606	21,226	190,030	242,040	264,922	149,856	92,711	181,081
879,707	129,996	495,263	200,292	18,092	182,262	187,260	223,935	71,742	77,451	192,514
693,376	121,740	253,349	209,389	16,589	129,646	278,895	198,868	117,501	67,885	190,017
673,280	121,372	394,789	277,039	19,728	211,965	324,005	211,032	142,385	76,999	166,291
687,193	185,717	475,029	316,009	32,812	152,648	372,131	249,660	182,692	209,182	202,448
543,683	183,932	275,787	230,164	8,591	148,488	371,360	170,170	106,183	68,167	177,179
593,805	171,430	261,493	208,965	6,348	141,068	328,855	149,357	74,637	78,348	118,045
729,075	197,888	305,498	385,411	10,994	203,874	416,548	261,598	79,743	112,460	191,634
583,084	197,364	285,842	312,602	9,498	215,335	317,151	268,417	56,885	151,441	137,582
483,070	151,819	394,954	329,746	6,756	160,105	411,406	248,048	48,934	115,451	127,115
658,032	168,749	463,614	380,689	6,748	174,415	519,117	317,264	60,565	123,499	147,297
668,617	158,513	513,662	390,008	4,625	166,072	403,737	385,872	95,946	60,245	175,932
878,494	215,249	534,995	421,457	5,125	237,855	423,238	263,091	163,461	62,665	199,351
996,738	220,714	604,791	329,015	5,649	249,003	460,018	415,206	89,792	127,683	214,841
928,109	215,028	532,822	446,796	3,201	222,198	508,398	277,145	141,293	126,346	180,781
894,604	173,128	475,231	416,836	1,744	252,983	537,361	259,206	88,776	125,151	172,485
1,030,720	208,646	692,625	430,033	4,135	296,625	662,935	267,238	115,215	128,306	176,300
964,771	203,643	650,878	496,315	2,263	366,578	505,680	471,651	142,778	143,746	170,436
893,220	209,871	718,664	461,656	2,156	348,179	481,130	289,133	101,396	124,532	124,242

disclosing production of individual operations:

^{1/} Island and San Juan - 1925-34, 1936, and 1939-43. Presence of footnote reference indicates year in which there was production.

^{2/} Pacific and Wahkiakum - 1926, 1930-32, 1937-40, 1943, and 1945.

Table 10.—Log production in eastern Washington

(Thousand board feet)

Year	Total eastern Washington	Asotin	Chelan	Columbia	Douglas	Ferry	Garfield	Kittitas	Klickitat
1925	500,592	(1/)	73,012	1/4,778	--	30,730	--	80,068	61,284
1926	544,946	(1/)	55,940	1/4,494	--	35,203	--	78,131	72,252
1927	454,810	(1/)	37,568	1/3,531	--	21,662	--	48,883	51,611
1928	500,044	(1/)	31,945	1/4,965	--	27,194	--	82,615	58,823
1929	594,395	(1/)	38,092	1/7,169	--	41,927	--	87,312	89,359
1930	446,088	(1/)	29,762	1/2,177	--	32,330	--	80,619	45,256
1931	369,487	(1/)	40,505	1/1,819	--	21,651	--	76,794	44,368
1932	235,341	--	33,154	1/1,070	--	14,648	--	59,283	34,459
1933	319,609	(1/)	41,077	1/2,723	--	22,572	--	57,903	43,988
1934	330,400	(1/)	42,484	1/4,515	--	29,254	--	47,647	45,561
1935	383,467	(1/)	45,710	1/6,848	--	23,513	--	63,119	59,851
1936	433,714	(1/)	42,511	1/4,847	--	12,113	(1/)	65,917	78,886
1937	476,751	(1/)	48,532	1/8,068	--	19,058	--	59,408	79,807
1938	370,847	--	47,769	1/3,542	--	19,039	(1/)	31,479	57,953
1939	445,065	(1/)	48,283	1/7,059	--	23,500	(1/)	50,947	73,727
1940	495,882	(1/)	52,326	1/6,688	--	31,820	(1/)	49,926	101,265
1941	529,152	--	68,565	1/6,162	--	15,254	(1/)	67,737	111,113
1942	545,818	(1/)	66,095	1/4,767	--	37,205	--	73,799	109,127
1943	511,724	(1/)	55,297	1/2,793	--	23,330	(1/)	88,284	93,396
1945	432,841	(1/)	48,848	1/3,470	--	26,599	--	43,351	103,858
1946	498,865	(1/)	44,870	1/3,058	--	12,999	(1/)	60,887	137,692
1948	640,360	(1/)	42,789	1/8,563	--	47,168	(1/)	54,932	86,113
1949	580,856	19,495	47,325	374	--	46,845	1,391	72,315	91,419
1950	540,176	13,485	57,853	--	--	75,583	1,270	69,345	71,921
1951	646,383	9,621	46,800	235	--	73,968	1,327	70,469	104,182
1952	695,524	6,742	41,056	1,842	--	96,041	5,686	79,332	137,754
1953	780,034	12,949	52,802	535	--	95,564	2,827	80,141	156,759
1954	784,190	7,969	46,902	7,958	--	107,593	570	86,202	145,610
1955	811,471	4,179	55,538	6,891	--	116,358	3,150	105,765	130,097
1956	821,182	3,386	68,903	7,558	--	102,397	668	63,467	124,596
1957	806,016	2,976	68,514	11,040	--	111,871	2,436	82,670	141,362
1958	826,017	6,306	62,927	26,410	16	123,696	948	94,776	117,127
1959	965,717	6,937	80,712	21,444	41	152,915	7,814	132,059	85,588
1960	896,776	7,155	74,545	13,400	--	123,717	8,344	149,564	96,597
1961	853,368	2,500	75,277	21,646	1,340	111,172	6,298	138,058	67,736
1962	954,063	26,587	84,597	13,971	498	150,075	8,614	126,240	62,017
1963	1,010,478	3,542	96,504	11,718	--	158,720	15,795	118,394	68,825
1964	1,109,247	6,973	96,626	7,852	--	156,365	22,674	166,759	58,201
1965	1,112,360	5,945	102,803	10,352	--	177,061	11,918	156,140	84,807
1966	1,103,051	5,702	96,646	13,787	--	164,712	8,822	123,385	75,715
1967	1,138,782	1,665	84,333	18,280	--	163,931	14,019	109,329	87,858
1968	1,259,272	7,063	91,483	14,446	--	193,360	9,009	150,489	87,427
1969	1,143,126	9,651	98,839	18,779	--	146,133	15,855	97,766	85,516
1970	953,031	9,573	65,491	12,251	--	144,344	16,996	87,627	77,184

NOTE: Production for years 1925-43 and 1945 collected by U.S. Forest Service in cooperation with U.S. Bureau of the Census. Production for 1946 and 1948 collected by U.S. Forest Service. Production statistics for 1944 and 1947 not available.

Specific data for the following counties and years are unavailable, as combinations were necessary to avoid disclosing

by county, 1925-43, 1945, 1946, and 1948-70*

International 1/4-inch scale)

Lincoln	Okanogan	Pend Oreille	Spokane	Stevens	Walla Walla	Whitman	Yakima
(2/)	42,816	50,091	^{2/} 72,714	82,189	--	--	2,910
(2/)	49,445	65,666	^{2/} 80,002	101,887	--	--	1,926
(2/)	50,879	73,520	^{2/} 67,169	94,209	--	--	5,778
(2/)	69,438	67,718	^{2/} 56,382	97,968	--	--	2,996
(2/)	85,279	65,995	^{2/} 70,936	103,725	--	(1/)	4,601
(2/)	63,349	70,754	^{2/} 47,235	72,519	--	(1/)	2,087
(2/)	58,513	49,102	^{2/} 32,244	41,976	--	--	2,515
--	38,344	23,353	13,680	14,996	--	--	2,354
--	60,963	42,607	^{2/} 24,236	20,822	--	--	2,718
(2/)	50,964	33,261	^{2/} 37,022	32,512	--	(1/)	7,180
(2/)	70,818	31,817	^{2/} 25,728	38,483	--	--	17,580
(2/)	73,889	39,622	^{2/} 30,313	59,037	--	--	26,579
(2/)	87,571	58,087	^{2/} 28,908	56,478	--	--	30,834
(2/)	69,049	41,317	^{2/} 25,814	46,118	--	--	28,767
(2/)	82,310	51,957	^{2/} 18,763	52,454	--	--	36,065
--	101,462	40,463	8,330	49,383	(1/)	--	54,219
--	118,156	22,138	17,994	60,491	(1/)	--	41,542
--	125,967	28,281	13,398	49,007	(1/)	--	38,172
--	105,908	35,611	5,520	52,046	--	--	49,539
--	73,525	20,889	^{2/} 12,676	41,519	--	--	58,106
(2/)	76,444	20,446	^{2/} 13,358	88,366	(1/)	--	40,745
(2/)	90,948	63,625	^{2/} 22,108	139,236	(1/)	(1/)	84,878
107	104,584	32,544	3,201	63,001	5,071	--	93,184
1,616	110,089	38,539	11,735	14,068	3,210	--	71,462
6,307	110,191	33,689	15,922	86,566	176	--	86,930
5,672	99,314	32,988	16,877	76,043	--	--	96,177
6,105	124,164	26,128	17,713	80,799	--	--	123,548
3,165	131,968	27,441	20,373	95,403	3,210	659	99,167
991	128,366	42,524	20,063	105,410	984	--	91,155
4,026	126,075	63,720	22,346	123,679	2,151	--	108,210
5,911	112,252	39,370	17,034	97,017	10,363	284	102,916
4,173	110,564	56,113	12,981	96,606	9,109	--	104,265
3,372	145,387	69,917	19,590	111,083	10,102	--	118,756
3,344	138,265	41,973	20,518	106,119	4,772	182	108,281
3,596	103,800	66,849	16,318	85,848	5,970	--	146,960
1,338	129,528	71,294	15,398	80,898	6,378	70	176,560
1,601	130,969	90,297	11,524	94,304	15,124	123	193,038
164	160,567	89,482	11,532	109,367	7,769	--	214,916
220	160,055	63,088	13,580	95,711	7,363	--	223,317
2,192	179,022	90,402	15,041	91,166	5,956	374	230,129
48	202,392	90,449	10,094	95,858	3,195	--	257,331
568	200,874	96,800	15,539	124,283	7,957	--	259,974
5,499	179,456	97,182	17,931	101,366	896	107	268,150
827	110,517	79,440	20,158	93,370	4,534	1	230,718

production of individual operations:

^{1/} Asotin, Columbia, Garfield, Walla Walla, and Whitman - 1925-48. Presence of footnote reference indicates year in which there was production.

^{2/} Lincoln and Spokane - 1925-31, 1934-39, 1946, and 1948.

Table 11.—Log production by ownership and county in the State of Washington, 1949¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	203,460	5,825	--	30,537	39,250	--	279,072
Clark	26,596	226	--	241	--	--	27,063
Cowlitz	312,262	839	292	--	--	--	313,393
Grays Harbor	243,874	--	--	125,890	54,263	--	424,027
Island	14,708	--	--	--	--	--	14,708
Jefferson	36,172	--	--	19,916	203	--	56,291
King	281,258	--	111	8,811	169	--	290,349
Kitsap	50,406	--	--	--	--	--	50,406
Lewis	661,263	4,017	--	57,333	--	--	722,613
Mason	130,332	--	--	1,086	--	--	131,418
Pacific	408,686	3,230	--	--	--	--	411,916
Pierce	184,561	--	--	18,950	--	--	203,511
San Juan	20,076	--	--	--	--	--	20,076
Skagit	166,912	760	281	41,521	2,572	--	212,046
Skamania	117,369	1,780	--	103,440	--	--	222,589
Snohomish	145,478	30	--	50,935	1,936	--	198,379
Thurston	167,372	--	--	--	--	--	167,372
Wahkiakum	61,058	3,648	--	--	--	--	64,706
Whatcom	128,315	805	--	51,177	2,104	--	182,401
Total	3,360,158	21,160	684	509,837	100,497	--	3,992,336
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	19,388	--	--	107	--	--	19,495
Benton	--	--	--	--	--	--	--
Chelan	24,509	239	--	22,577	--	--	47,325
Columbia	374	--	--	--	--	--	374
Douglas	--	--	--	--	--	--	--
Ferry	12,202	--	--	11,456	23,187	--	46,845
Franklin	--	--	--	--	--	--	--
Garfield	1,284	--	--	107	--	--	1,391
Grant	--	--	--	--	--	--	--
Kittitas	58,619	--	--	13,696	--	--	72,315
Klickitat	86,548	4,871	--	--	--	--	91,419
Lincoln	107	--	--	--	--	--	107
Okanogan	10,715	10,281	--	37,236	46,352	--	104,584
Pend Oreille	15,377	--	--	17,167	--	--	32,544
Spokane	--	3,201	--	--	--	--	3,201
Stevens	52,474	272	--	1,349	8,906	--	63,001
Walla Walla	5,071	--	--	--	--	--	5,071
Whitman	--	--	--	--	--	--	--
Yakima	65,735	5,071	--	9,630	12,748	--	93,184
Total	352,403	23,935	--	113,325	91,193	--	580,856
Total Washington	3,712,561	45,095	684	623,162	191,690	--	4,573,192

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

Table 12.—Log production by ownership and county in the State of Washington, 1950¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	159,223	19,407	1,642	63,730	36,415	--	280,417
Clark	81,885	7,872	--	--	--	--	89,757
Cowlitz	169,635	95,623	--	--	--	--	265,258
Grays Harbor	314,714	10,789	--	179,964	61,824	--	567,291
Island	19,578	--	--	--	--	--	19,578
Jefferson	113,777	5,837	--	17,502	--	--	137,116
King	201,012	6,932	--	21,605	209	--	229,758
Kitsap	82,756	--	--	--	853	--	83,609
Lewis	739,317	16,173	3,085	73,868	--	--	832,443
Mason	167,995	9,096	--	2,776	214	--	180,081
Pacific	440,903	107,184	--	--	--	--	548,087
Pierce	227,952	--	--	32,106	--	--	260,058
San Juan	24,911	--	--	--	--	--	24,911
Skagit	215,923	15,356	1,338	28,968	2,243	--	263,828
Skamania	128,064	8,013	--	103,561	--	--	239,638
Snohomish	147,909	11,610	--	89,077	4,156	--	252,752
Thurston	153,339	4,602	--	--	200	--	158,141
Wahkiakum	75,224	3,182	447	--	--	--	78,853
Whatcom	174,565	8,844	993	72,299	1,925	--	258,626
Total	3,638,682	330,520	7,505	685,456	108,039	--	4,770,202
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	11,919	1,566	--	--	--	--	13,485
Benton	--	--	--	--	--	--	--
Chelan	21,225	3,137	--	33,491	--	--	57,853
Columbia	--	--	--	--	--	--	--
Douglas	--	--	--	--	--	--	--
Ferry	4,871	7,191	1,284	18,124	44,113	--	75,583
Franklin	--	--	--	--	--	--	--
Garfield	1,163	--	--	107	--	--	1,270
Grant	--	--	--	--	--	--	--
Kittitas	39,701	20,014	--	9,630	--	--	69,345
Klickitat	48,197	18,946	--	--	4,778	--	71,921
Lincoln	786	830	--	--	--	--	1,616
Okanogan	40,151	816	1,461	32,849	34,812	--	110,089
Pend Oreille	12,727	1,362	--	24,450	--	--	38,539
Spokane	9,189	2,546	--	--	--	--	11,735
Stevens	1,197	2,715	588	2,194	7,374	--	14,068
Walla Walla	3,210	--	--	--	--	--	3,210
Whitman	--	--	--	--	--	--	--
Yakima	18,595	14,048	--	11,770	27,049	--	71,462
Total	212,931	73,171	3,333	132,615	118,126	--	540,176
all Washington	3,851,613	403,691	10,838	818,071	226,165	--	5,310,378

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

Table 13.—Log production by ownership and county in the State of Washington, 1951¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	145,100	8,554	505	84,611	38,624	--	277,394
Clark	52,703	--	--	--	--	--	52,703
Cowlitz	342,097	31,159	--	--	--	--	373,256
Grays Harbor	284,851	26,597	--	168,256	82,076	--	561,780
Island	24,058	529	--	--	--	--	24,587
Jefferson	172,689	375	690	25,347	--	--	199,101
King	224,505	--	--	32,106	1,207	--	257,818
Kitsap	108,959	115	--	--	--	--	109,074
Lewis	933,442	794	170	78,576	--	--	1,012,982
Mason	126,877	744	--	13,518	--	--	141,139
Pacific	465,133	75,343	--	--	--	--	540,476
Pierce	190,238	--	--	49,728	--	--	239,966
San Juan	22,887	--	--	--	--	--	22,887
Skagit	205,065	16,661	85	25,588	2,414	--	249,813
Skamania	129,306	6,552	403	127,339	--	--	263,600
Snohomish	137,552	8,369	--	93,784	1,207	--	240,912
Thurston	128,773	1,996	--	--	--	--	130,769
Wahkiakum	64,872	20,008	--	--	--	--	84,880
Whatcom	112,900	25,092	234	58,298	1,207	--	197,731
Total	3,872,007	222,888	2,087	757,151	126,735	--	4,980,868
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	9,557	--	--	64	--	--	9,621
Benton	--	--	--	--	--	--	--
Chelan	22,297	--	--	24,503	--	--	46,800
Columbia	235	--	--	--	--	--	235
Douglas	--	--	--	--	--	--	--
Ferry	30,778	242	155	--	42,793	--	73,968
Franklin	--	--	--	--	--	--	--
Garfield	1,263	--	--	64	--	--	1,327
Grant	--	--	--	--	--	--	--
Kittitas	49,195	3,828	433	17,013	--	--	70,469
Klickitat	73,173	14,565	546	--	15,898	--	104,182
Lincoln	6,307	--	--	--	--	--	6,307
Okanogan	6,309	8,623	6,811	49,006	39,442	--	110,191
Pend Oreille	11,218	--	47	22,424	--	--	33,689
Spokane	15,922	--	--	--	--	--	15,922
Stevens	54,689	--	310	22,802	8,765	--	86,566
Walla Walla	176	--	--	--	--	--	176
Whitman	--	--	--	--	--	--	--
Yakima	28,071	10,740	--	20,651	27,468	--	86,930
Total	309,190	37,998	8,302	156,527	134,366	--	646,383
Total Washington	4,181,197	260,886	10,389	913,678	261,101	--	5,627,251

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

Table 14.—Log production by ownership and county in the State of Washington, 1952¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal ^{4/}	Total
Western Washington:							
Clallam	161,384	5,798	--	122,632	26,162	8,912	324,888
Clark	31,635	72	--	--	--	--	31,707
Cowlitz	338,772	6,246	--	--	--	--	345,018
Grays Harbor	270,776	1,199	--	132,408	106,942	--	511,325
Island	27,423	2,141	--	--	--	--	29,564
Jefferson	145,288	8,558	--	50,091	9,614	--	213,551
King	252,159	3,553	--	40,314	--	--	296,026
Kitsap	71,792	--	--	--	66	--	71,858
Lewis	628,885	28,278	--	50,815	--	--	707,978
Mason	69,464	--	--	50,211	49	--	119,724
Pacific	217,538	31,882	--	--	--	--	249,420
Pierce	243,620	86	--	37,900	--	--	281,606
San Juan	21,226	--	--	--	--	--	21,226
Skagit	134,139	31,323	--	24,502	66	--	190,030
Skamania	90,025	10,386	531	141,098	--	--	242,040
Snohomish	139,535	26,855	56	98,370	106	--	264,922
Thurston	149,625	--	--	--	231	--	149,856
Wahkiakum	92,458	253	--	--	--	--	92,711
Whatcom	133,191	25,440	--	22,450	--	--	181,081
Total	3,218,935	182,070	587	770,791	143,236	8,912	4,324,531
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	6,742	--	--	--	--	--	6,742
Benton	--	--	--	--	--	--	--
Chelan	11,203	--	--	29,853	--	--	41,056
Columbia	1,093	--	--	749	--	--	1,842
Douglas	--	--	--	--	--	--	--
Ferry	13,300	--	118	30,875	51,748	--	96,041
Franklin	--	--	--	--	--	--	--
Garfield	5,579	--	--	107	--	--	5,686
Grant	--	--	--	--	--	--	--
Kittitas	59,616	2,168	--	17,548	--	--	79,332
Klickitat	134,016	1,384	--	2,354	--	--	137,754
Lincoln	5,672	--	--	--	--	--	5,672
Okanogan	25,136	2,171	--	37,450	34,557	--	99,314
Pend Oreille	10,735	2,151	--	20,102	--	--	32,988
Spokane	16,877	--	--	--	--	--	16,877
Stevens	61,620	2,619	1,755	3,377	6,672	--	76,043
Walla Walla	--	--	--	--	--	--	--
Whitman	--	--	--	--	--	--	--
Yakima	21,364	--	--	32,100	42,713	--	96,177
Total	372,953	10,493	1,873	174,515	135,690	--	695,524
Full Washington	3,591,888	192,563	2,460	945,306	278,926	8,912	5,020,055

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

^{4/} Olympic National Park.

Table 15.—Log production by ownership and county in the State of Washington, 1953¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal ^{4/}	Total
Western Washington:							
Clallam	111,936	11,509	380	242,366	22,950	17,664	406,805
Clark	11,768	4,838	--	--	--	--	16,606
Cowlitz	516,022	14,949	--	--	--	--	530,971
Grays Harbor	182,515	8,052	--	121,545	117,629	--	429,741
Island	23,907	437	--	--	--	--	24,344
Jefferson	15,635	43,283	--	48,521	5,389	--	112,828
King	183,370	23,307	--	34,158	--	--	240,835
Kitsap	33,493	--	--	--	43	--	33,536
Lewis	787,542	24,332	--	67,833	--	--	879,707
Mason	79,276	17,648	--	33,072	--	--	129,996
Pacific	428,014	67,249	--	--	--	--	495,263
Pierce	174,764	60	--	25,468	--	--	200,292
San Juan	18,092	--	--	--	--	--	18,092
Skagit	123,577	14,750	--	43,935	--	--	182,262
Skamania	13,960	31,895	1,031	140,374	--	--	187,260
Snohomish	97,627	42,546	--	83,645	117	--	223,935
Thurston	71,090	524	--	--	128	--	71,742
Wahkiakum	68,709	8,742	--	--	--	--	77,451
Whatcom	95,770	43,156	239	53,349	--	--	192,514
Total	3,037,067	357,277	1,650	894,266	146,256	17,664	4,454,180
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	12,842	--	--	107	--	--	12,949
Benton	--	--	--	--	--	--	--
Chelan	12,035	--	--	40,767	--	--	52,802
Columbia	--	--	--	535	--	--	535
Douglas	--	--	--	--	--	--	--
Ferry	23,580	--	239	19,044	52,701	--	95,564
Franklin	--	--	--	--	--	--	--
Garfield	2,720	--	--	107	--	--	2,827
Grant	--	--	--	--	--	--	--
Kittitas	43,961	4,615	--	31,565	--	--	80,141
Klickitat	126,769	4,172	--	18,725	7,093	--	156,759
Lincoln	6,105	--	--	--	--	--	6,105
Okanogan	28,431	1,335	1,161	51,253	41,984	--	124,164
Pend Oreille	9,089	--	--	17,039	--	--	26,128
Spokane	17,713	--	--	--	--	--	17,713
Stevens	69,009	--	678	2,205	8,907	--	80,799
Walla Walla	--	--	--	--	--	--	--
Whitman	--	--	--	--	--	--	--
Yakima	6,761	27,121	--	34,347	55,319	--	123,548
Total	359,015	37,243	2,078	215,694	166,004	--	780,034
Total Washington	3,396,082	394,520	3,728	1,109,960	312,260	17,664	5,234,214

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

^{4/} Olympic National Park.

Table 16.—Log production by ownership and county in the State of Washington, 1954¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management ^{3/}	National Forest	Indian	Other Federal ^{4/}	Total
Western Washington:							
Clallam	135,806	3,753	1,681	236,813	13,758	5,844	397,655
Clark	51,456	--	--	--	--	--	51,456
Cowlitz	418,059	1,253	--	--	--	--	419,312
Grays Harbor	153,964	42,784	--	119,131	118,944	--	434,823
Island	20,435	--	--	--	--	--	20,435
Jefferson	9,669	64,407	--	48,280	6,133	1,962	130,451
King	218,747	15,200	--	5,552	--	--	239,499
Kitsap	29,184	40	--	--	607	--	29,831
Lewis	573,637	56,766	330	62,643	--	--	693,376
Mason	91,623	16,840	--	13,277	--	--	121,740
Pacific	218,783	34,566	--	--	--	--	253,349
Pierce	172,258	523	--	36,451	--	157	209,389
San Juan	16,589	--	--	--	--	--	16,589
Skagit	14,820	92,739	34	21,243	810	--	129,646
Skamania	87,315	17,629	988	172,963	--	--	278,895
Snohomish	57,742	43,800	--	96,922	404	--	198,868
Thurston	117,122	127	--	--	252	--	117,501
Wahkiakum	65,787	2,098	--	--	--	--	67,885
Whatcom	98,629	24,296	530	66,264	298	--	190,017
Total	2,551,625	416,821	3,563	879,539	141,206	7,963	4,000,717
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	4,462	3,400	--	107	--	--	7,969
Benton	--	--	--	--	--	--	--
Chelan	10,843	--	--	36,059	--	--	46,902
Columbia	7,958	--	--	--	--	--	7,958
Douglas	--	--	--	--	--	--	--
Ferry	25,406	495	183	35,068	46,441	--	107,593
Franklin	--	--	--	--	--	--	--
Garfield	463	--	--	107	--	--	570
Grant	--	--	--	--	--	--	--
Kittitas	60,855	1,768	574	23,005	--	--	86,202
Klickitat	120,980	3,614	--	15,729	5,287	--	145,610
Lincoln	2,300	865	--	--	--	--	3,165
Okanogan	34,443	882	4,346	66,661	25,636	--	131,968
Pend Oreille	12,619	--	--	14,665	157	--	27,441
Spokane	20,373	--	--	--	--	--	20,373
Stevens	80,921	678	1,708	6,026	6,070	--	95,403
Walla Walla	3,210	--	--	--	--	--	3,210
Whitman	659	--	--	--	--	--	659
Yakima	16,398	--	--	23,540	59,229	--	99,167
Total	401,890	11,702	6,811	220,967	142,820	--	784,190
State of Washington	2,953,515	428,523	10,374	1,100,506	284,026	7,963	4,784,907

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} Based on Timber Sale Summary for BLM.

^{4/} National Parks.

Table 17.—Log production by ownership and county in the State of Washington, 1955¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal ^{3/}	Total
Western Washington:							
Clallam	155,007	26,540	420	156,279	39,563	9,024	386,833
Clark	46,447	2,366	--	--	--	--	48,813
Cowlitz	484,123	46,585	--	--	--	--	530,708
Grays Harbor	173,308	49,917	--	88,409	173,109	266	485,009
Island	27,291	--	--	--	--	--	27,291
Jefferson	113,318	83,398	--	56,726	625	6,757	260,824
King	276,641	19,097	76	10,386	--	--	306,200
Kitsap	33,320	--	--	--	--	--	33,320
Lewis	547,405	39,575	392	85,908	--	--	673,280
Mason	116,940	3,880	--	552	--	--	121,372
Pacific	330,247	64,542	--	--	--	--	394,789
Pierce	215,837	35,040	--	24,937	--	1,225	277,039
San Juan	19,728	--	--	--	--	--	19,728
Skagit	99,265	49,136	--	62,689	875	--	211,965
Skamania	104,039	19,372	--	200,594	--	--	324,005
Snohomish	97,753	26,984	--	85,716	579	--	211,032
Thurston	136,739	5,646	--	--	--	--	142,385
Wahkiakum	75,527	1,472	--	--	--	--	76,999
Whatcom	80,708	20,527	271	60,238	4,547	--	166,291
Total	3,133,643	494,077	1,159	832,434	219,298	17,272	4,697,883
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	4,150	--	--	29	--	--	4,179
Benton	--	--	--	--	--	--	--
Chelan	29,677	--	--	25,861	--	--	55,538
Columbia	6,891	--	--	--	--	--	6,891
Douglas	--	--	--	--	--	--	--
Ferry	31,110	3,248	966	26,106	54,928	--	116,358
Franklin	--	--	--	--	--	--	--
Garfield	3,091	--	--	59	--	--	3,150
Grant	--	--	--	--	--	--	--
Kittitas	67,286	8,943	26	29,510	--	--	105,765
Klickitat	104,226	7,871	--	7,800	10,200	--	130,097
Lincoln	929	--	62	--	--	--	991
Okanogan	32,668	1,059	6,680	53,117	34,842	--	128,366
Pend Oreille	19,172	--	--	23,005	347	--	42,524
Spokane	19,954	109	--	--	--	--	20,063
Stevens	91,010	2,777	1,403	4,190	6,030	--	105,413
Walla Walla	984	--	--	--	--	--	984
Whitman	--	--	--	--	--	--	--
Yakima	14,486	17,866	--	15,174	43,629	--	91,155
Total	425,634	41,873	9,137	184,851	149,976	--	811,471
Total Washington	3,559,277	535,950	10,296	1,017,285	369,274	17,272	5,509,354

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} National Parks.

Table 18.—Log production by ownership and county in the State of Washington, 1956¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal ^{3/}	Total
Western Washington:							
Clallam	178,224	34,095	--	75,075	154	3,795	291,343
Clark	40,210	428	--	--	--	--	40,638
Cowlitz	455,067	78,934	--	--	--	--	534,001
Grays Harbor	230,326	52,603	--	114,303	136,835	--	534,067
Island	16,030	250	--	--	--	--	16,280
Jefferson	122,148	56,898	--	50,332	--	2,495	231,873
King	298,112	51,955	111	21,364	--	--	371,542
Kitsap	61,977	640	--	--	2,792	--	65,409
Lewis	566,088	52,113	--	68,678	--	314	687,193
Mason	101,885	911	--	82,921	--	--	185,717
Pacific	414,375	58,955	1,699	--	--	--	475,029
Pierce	231,982	52,645	--	31,382	--	--	316,009
San Juan	32,812	--	--	--	--	--	32,812
Skagit	77,643	28,072	--	44,297	2,636	--	152,648
Skamania	120,450	15,109	--	236,572	--	--	372,131
Snohomish	128,157	40,182	--	80,145	1,176	--	249,660
Thurston	162,581	20,111	--	--	--	--	182,692
Wahkiakum	176,454	32,728	--	--	--	--	209,182
Whatcom	108,684	20,786	--	72,661	317	--	202,448
Total	3,523,205	597,415	1,810	877,730	143,910	6,604	5,150,674
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	3,386	--	--	--	--	--	3,386
Benton	--	--	--	--	--	--	--
Chelan	21,210	1,148	--	46,545	--	--	68,903
Columbia	7,558	--	--	--	--	--	7,558
Douglas	--	--	--	--	--	--	--
Ferry	29,158	--	779	18,423	54,037	--	102,397
Franklin	--	--	--	--	--	--	--
Garfield	668	--	--	--	--	--	668
Grant	--	--	--	--	--	--	--
Kittitas	25,581	9,478	4,868	23,540	--	--	63,467
Klickitat	103,854	9,157	--	1,498	10,087	--	124,596
Lincoln	4,026	--	--	--	--	--	4,026
Okanogan	24,483	3,476	4,960	60,883	32,273	--	126,075
Pend Oreille	18,912	--	--	44,788	20	--	63,720
Spokane	22,346	--	--	--	--	--	22,346
Stevens	92,498	544	4,172	6,756	19,709	--	123,679
Walla Walla	2,151	--	--	--	--	--	2,151
Whitman	--	--	--	--	--	--	--
Yakima	10,306	10,741	--	30,067	57,096	--	108,210
Total	366,137	34,544	14,779	232,500	173,222	--	821,182
all Washington	3,889,342	631,959	16,589	1,110,230	317,132	6,604	5,971,856

^{1/} Includes volume removed as logs, poles, piling, cordwood, shingle bolts, etc., as compiled by the State Division of Forestry, except as noted.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands other than those for which timber sales were reported by the Commissioner of Public Lands.

^{3/} National Parks.

Table 19.-Log production by ownership and county in the State of Washington, 1957¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal ^{3/}	Total
Western Washington:							
Clallam	180,297	16,426	12	44,296	--	5,016	246,047
Clark	20,316	12	--	--	--	--	20,328
Cowlitz	379,522	106,245	--	--	--	--	485,767
Grays Harbor	178,676	12,304	--	105,890	72,683	671	370,224
Island	25,602	--	--	--	--	--	25,602
Jefferson	104,636	45,276	--	67,182	164	1,635	218,893
King	238,102	10,583	--	35,792	--	--	284,477
Kitsap	41,404	1,755	--	--	24	--	43,183
Lewis	474,800	25,964	2,516	38,891	1,512	--	543,683
Mason	97,770	1,822	--	84,340	--	--	183,932
Pacific	238,474	33,903	3,410	--	--	--	275,787
Pierce	199,160	386	--	30,237	--	381	230,164
San Juan	8,591	--	--	--	--	--	8,591
Skagit	55,678	36,841	--	54,883	1,086	--	148,488
Skamania	97,039	88,619	1,755	183,947	--	--	371,360
Snohomish	82,182	35,526	--	50,040	2,422	--	170,170
Thurston	95,175	11,008	--	--	--	--	106,183
Wahkiakum	59,375	8,792	--	--	--	--	68,167
Whatcom	46,052	15,208	--	115,837	82	--	177,179
Total	2,622,851	450,670	7,693	811,335	77,973	7,703	3,978,225
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	2,976	--	--	--	--	--	2,976
Benton	--	--	--	--	--	--	--
Chelan	20,047	1,974	71	46,422	--	--	68,514
Columbia	9,107	--	--	1,933	--	--	11,040
Douglas	--	--	--	--	--	--	--
Ferry	28,027	1,517	1,318	36,721	44,288	--	111,871
Franklin	--	--	--	--	--	--	--
Garfield	1,891	--	--	545	--	--	2,436
Grant	--	--	--	--	--	--	--
Kittitas	40,957	8,513	2,371	30,829	--	--	82,670
Klickitat	119,558	6,704	--	4,066	11,034	--	141,362
Lincoln	5,911	--	--	--	--	--	5,911
Okanogan	19,415	9,196	1,915	60,920	20,806	--	112,252
Pend Oreille	18,455	--	--	19,834	1,081	--	39,370
Spokane	16,980	54	--	--	--	--	17,034
Stevens	70,281	1,108	1,048	14,326	10,254	--	97,017
Walla Walla	10,363	--	--	--	--	--	10,363
Whitman	284	--	--	--	--	--	284
Yakima	18,458	4,505	--	28,250	51,703	--	102,916
Total	382,710	33,571	6,723	243,846	139,166	--	806,016
Total Washington	3,005,561	484,241	14,416	1,055,181	217,139	7,703	4,784,241

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

^{3/} National Parks.

Table 20.-Log production by ownership and county in the State of Washington, 1958¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal ^{3/}	Total
Western Washington:							
Clallam	136,958	6,343	--	56,775	48	58	200,182
Clark	15,191	1,534	--	--	--	--	16,725
Cowlitz	369,942	88,751	--	3,742	--	--	462,435
Grays Harbor	193,154	50,364	--	96,961	78,303	4	418,786
Island	18,416	--	--	--	--	--	18,416
Jefferson	76,848	38,762	--	66,138	14,027	2,034	197,809
King	246,562	898	--	25,739	--	--	273,199
Kitsap	30,262	124	--	--	--	--	30,386
Lewis	442,217	49,658	--	101,930	--	--	593,805
Mason	66,379	328	--	104,723	--	--	171,430
Pacific	214,210	42,118	5,165	--	--	--	261,493
Pierce	177,027	2,247	--	28,684	--	1,007	208,965
San Juan	6,348	--	--	--	--	--	6,348
Skagit	67,015	4,344	--	69,395	314	--	141,068
Skamania	79,475	23,469	--	225,911	--	--	328,855
Snohomish	61,446	8,404	--	78,663	844	--	149,357
Thurston	71,094	3,543	--	--	--	--	74,637
Wahkiakum	58,863	19,485	--	--	--	--	78,348
Whatcom	34,968	5,008	--	78,069	--	--	118,045
Total	2,366,375	345,380	5,165	936,730	93,536	3,103	3,750,289
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	6,304	--	--	2	--	--	6,306
Benton	--	--	--	--	--	--	--
Chelan	9,981	--	1,470	51,476	--	--	62,927
Columbia	16,721	--	--	9,689	--	--	26,410
Douglas	16	--	--	--	--	--	16
Ferry	25,180	--	1,084	31,239	66,193	--	123,696
Franklin	--	--	--	--	--	--	--
Garfield	907	--	--	41	--	--	948
Grant	--	--	--	--	--	--	--
Kittitas	50,415	991	1,087	42,283	--	--	94,776
Klickitat	95,127	6,585	--	4,510	10,905	--	117,127
Lincoln	4,173	--	--	--	--	--	4,173
Okanogan	16,494	11,030	4,419	65,302	13,319	--	110,564
Pend Oreille	19,574	--	--	35,475	1,064	--	56,113
Spokane	12,981	--	--	--	--	--	12,981
Stevens	74,169	962	2,703	12,000	6,772	--	96,606
Walla Walla	9,109	--	--	--	--	--	9,109
Whitman	--	--	--	--	--	--	--
Yakima	13,167	840	--	16,330	73,928	--	104,265
Total	354,318	20,408	10,763	268,347	172,181	--	826,017
State of Washington	2,720,693	365,788	15,928	1,205,077	265,717	3,103	4,576,306

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

^{3/} National Parks.

Table 21.—Log production by ownership and county in the State of Washington, 1959¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal ^{3/}	Total
Western Washington:							
Clallam	213,679	39,802	--	79,725	--	--	333,206
Clark	19,282	3,533	--	--	--	--	22,815
Cowlitz	324,500	95,143	287	7,417	--	--	427,347
Grays Harbor	269,831	15,174	--	122,005	134,234	--	541,244
Island	22,084	--	--	--	--	--	22,084
Jefferson	147,792	38,805	56	82,384	--	--	269,037
King	201,323	1,486	--	30,287	--	--	233,096
Kitsap	43,024	--	--	--	--	--	43,024
Lewis	528,729	10,828	112	189,406	--	--	729,075
Mason	91,370	1,618	--	104,900	--	--	197,888
Pacific	298,398	3,316	3,784	--	--	--	305,498
Pierce	321,993	33,261	--	29,913	--	244	385,411
San Juan	10,994	--	--	--	--	--	10,994
Skagit	69,638	14,058	--	119,579	599	--	203,874
Skamania	68,468	2,166	2,507	343,407	--	--	416,548
Snohomish	97,215	40,465	--	123,074	844	--	261,598
Thurston	76,453	3,290	--	--	--	--	79,743
Wahkiakum	107,397	5,063	--	--	--	--	112,460
Whatcom	72,470	14,717	--	104,366	81	--	191,634
Total	2,984,640	322,725	6,746	1,336,463	135,758	244	4,786,576
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	6,909	--	--	28	--	--	6,937
Benton	--	--	--	--	--	--	--
Chelan	13,126	542	746	66,298	--	--	80,712
Columbia	19,719	--	--	1,725	--	--	21,444
Douglas	41	--	--	--	--	--	41
Ferry	15,344	--	1,839	37,144	98,588	--	152,915
Franklin	--	--	--	--	--	--	--
Garfield	1,198	--	--	6,616	--	--	7,814
Grant	--	--	--	--	--	--	--
Kittitas	52,315	1,611	853	77,280	--	--	132,059
Klickitat	68,467	5,353	382	1,891	9,495	--	85,588
Lincoln	3,262	--	110	--	--	--	3,372
Okanogan	37,473	9,342	6,198	78,462	13,912	--	145,385
Pend Oreille	25,535	--	--	43,795	587	--	69,917
Spokane	19,590	--	--	--	--	--	19,590
Stevens	85,854	2,451	4,796	11,089	6,893	--	111,083
Walla Walla	10,102	--	--	--	--	--	10,102
Whitman	--	--	--	--	--	--	--
Yakima	10,007	3,991	--	29,112	75,646	--	118,756
Total	368,942	23,290	14,924	353,440	205,121	--	965,717
Total Washington	3,353,582	346,015	21,670	1,689,903	340,879	244	5,752,291

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

^{3/} National Parks.

Table 22.—Log production by ownership and county in the State of Washington, 1960¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	237,920	34,230	--	56,086	13,852	232	342,320
Clark	12,751	542	--	--	--	--	13,293
Cowlitz	463,751	76,040	--	42,136	--	--	581,927
Grays Harbor	330,088	13,052	--	70,080	116,460	--	529,680
Island	23,512	2,628	--	--	--	--	26,140
Jefferson	114,289	62,138	--	73,976	8,525	1,655	260,583
King	330,483	4,970	--	33,915	--	1,249	370,617
Kitsap	32,954	896	--	--	--	--	33,850
Lewis	387,329	28,034	66	167,655	--	--	583,084
Mason	93,228	1,167	--	102,730	151	88	197,364
Pacific	272,729	9,404	--	--	--	3,709	285,842
Pierce	280,935	2,775	--	28,745	--	147	312,602
San Juan	9,498	--	--	--	--	--	9,498
Skagit	101,706	15,462	--	97,072	1,095	--	215,335
Skamania	55,341	7,428	58	254,324	--	--	317,151
Snohomish	130,024	31,672	--	106,401	320	--	268,417
Thurston	54,397	2,488	--	--	--	--	56,885
Wahkiakum	151,254	187	--	--	--	--	151,441
Whatcom	60,209	14,243	--	63,130	--	--	137,582
Total	3,142,398	307,356	124	1,096,250	140,403	7,080	4,693,611
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	5,723	--	--	1,432	--	--	7,155
Benton	--	--	--	--	--	--	--
Chelan	13,945	--	--	60,600	--	--	74,545
Columbia	13,074	--	--	326	--	--	13,400
Douglas	--	--	--	--	--	--	--
Ferry	23,632	144	728	34,640	64,573	--	123,717
Franklin	--	--	--	--	--	--	--
Garfield	2,140	--	--	6,204	--	--	8,344
Grainger	--	--	--	--	--	--	--
Gittitias	81,856	3,874	3,274	60,560	--	--	149,564
Lickitat	87,781	2,305	227	175	6,109	--	96,597
Lincoln	3,344	--	--	--	--	--	3,344
Kanogan	52,770	5,430	5,592	72,228	2,245	--	138,265
Leand Oreille	15,547	--	958	25,468	--	--	41,973
Spokane	20,194	324	--	--	--	--	20,518
Stevens	81,260	3,055	1,897	13,276	6,631	--	106,119
Walla Walla	4,772	--	--	--	--	--	4,772
Whitman	182	--	--	--	--	--	182
Yakima	18,191	3,430	--	16,914	69,746	--	108,281
Total	424,411	18,562	12,676	291,823	149,304	--	896,776
1 Washington	3,566,809	325,918	12,800	1,388,073	289,707	7,080	5,590,387

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 23.—Log production by ownership and county in the State of Washington, 1961¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	211,839	34,209	--	64,807	317	331	311,503
Clark	41,415	450	--	--	--	--	41,865
Cowlitz	375,486	86,023	--	31,657	--	--	493,166
Grays Harbor	234,221	4,643	--	95,149	140,858	--	474,871
Island	20,784	34	--	--	--	--	20,818
Jefferson	140,267	75,561	--	58,910	4,444	179	279,361
King	223,746	12,458	--	21,360	--	--	257,564
Kitsap	33,977	536	--	--	215	--	34,728
Lewis	310,311	21,319	--	150,734	--	706	483,070
Mason	100,247	4,334	--	46,542	--	696	151,819
Pacific	368,906	24,129	--	--	--	1,919	394,954
Pierce	270,721	18,023	--	40,296	--	706	329,746
San Juan	6,756	--	--	--	--	--	6,756
Skagit	80,271	13,467	--	65,342	1,025	--	160,105
Skamania	96,858	21,538	--	293,010	--	--	411,406
Snohomish	95,428	15,779	110	136,311	330	90	248,048
Thurston	46,895	2,039	--	--	--	--	48,934
Wahkiakum	112,588	2,863	--	--	--	--	115,451
Whatcom	47,612	7,051	--	72,100	352	--	127,115
Total	2,818,328	344,456	110	1,076,218	147,541	4,627	4,391,282
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	2,500	--	--	--	--	--	2,500
Benton	--	--	--	--	--	--	--
Chelan	8,981	975	380	64,941	--	--	75,277
Columbia	19,703	103	--	1,840	--	--	21,646
Douglas	1,340	--	--	--	--	--	1,340
Ferry	11,039	21	1,841	25,922	72,349	--	111,172
Franklin	--	--	--	--	--	--	--
Garfield	4,555	--	--	1,743	--	--	6,298
Grant	--	--	--	--	--	--	--
Kittitas	94,146	2,676	--	41,236	--	--	138,058
Klickitat	55,110	4,020	--	461	8,145	--	67,736
Lincoln	2,997	599	--	--	--	--	3,596
Okanogan	22,212	7,086	5,496	60,675	8,331	--	103,800
Pend Oreille	12,497	--	--	54,352	--	--	66,849
Spokane	16,144	174	--	--	--	--	16,318
Stevens	50,619	1,212	2,912	23,839	7,266	--	85,848
Walla Walla	5,970	--	--	--	--	--	5,970
Whitman	--	--	--	--	--	--	--
Yakima	31,643	1,640	--	33,641	80,036	--	146,960
Total	339,456	18,506	10,629	308,650	176,127	--	853,368
Total Washington	3,157,784	362,962	10,739	1,384,868	323,668	4,627	5,244,646

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 24.-Log production by ownership and county in the State of Washington, 1962¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State	Bureau of Land Management	National Forest	Indian	Other Federal	Total
Western Washington:							
Clallam	157,185	31,428	--	85,697	1,934	1,703	277,947
Clark	87,750	2,827	--	--	--	--	90,577
Cowlitz	443,027	47,774	--	6,880	--	--	497,681
Grays Harbor	266,450	4,249	--	86,904	141,267	--	498,870
Island	15,132	--	--	--	--	--	15,132
Jefferson	115,003	91,272	--	85,697	1,991	1,325	295,288
King	253,206	21,853	--	24,502	--	217	299,778
Kitsap	24,184	101	--	--	--	1,207	25,492
Lewis	464,568	21,308	--	172,118	--	38	658,032
Mason	88,108	9,049	--	71,575	17	--	168,749
Pacific	438,653	24,961	--	--	--	--	463,614
Pierce	315,748	15,785	--	48,521	--	635	380,689
San Juan	6,748	--	--	--	--	--	6,748
Skagit	74,966	23,227	--	75,558	664	--	174,415
Skamania	111,688	6,343	--	401,086	--	--	519,117
Snohomish	126,217	7,785	--	182,619	643	--	317,264
Thurston	58,164	2,401	--	--	--	--	60,565
Wahkiakum	106,048	17,451	--	--	--	--	123,499
Whatcom	39,522	25,276	--	81,835	664	--	147,297
Total	3,192,367	353,090	--	1,322,992	147,180	5,125	5,020,754
Eastern Washington:							
Adams	--	--	--	--	--	--	--
Asotin	25,517	--	--	1,070	--	--	26,587
Benton	--	--	--	--	--	--	--
Chelan	6,952	217	1,244	76,184	--	--	84,597
Columbia	7,966	--	334	5,671	--	--	13,971
Douglas	498	--	--	--	--	--	498
Ferry	12,625	4,122	1,722	47,228	84,378	--	150,075
Franklin	--	--	--	--	--	--	--
Garfield	1,231	--	--	7,383	--	--	8,614
Grant	--	--	--	--	--	--	--
Kittitas	53,442	1,536	--	71,262	--	--	126,240
Klickitat	51,078	1,141	--	--	9,798	--	62,017
Lincoln	1,338	--	--	--	--	--	1,338
Mkanogan	12,075	6,456	306	88,917	21,774	--	129,528
Oend Oreille	17,264	349	--	53,681	--	--	71,294
Spokane	15,398	--	--	--	--	--	15,398
Stevens	48,968	3,900	1,446	19,212	7,372	--	80,898
Walla Walla	6,378	--	--	--	--	--	6,378
Whitman	70	--	--	--	--	--	70
Yakima	31,589	16,280	708	57,459	70,524	--	176,560
Total	292,389	34,001	5,760	428,067	193,846	--	954,063
1 Washington	3,484,756	387,091	5,760	1,751,059	341,026	5,125	5,974,817

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 25.—Log production by ownership and county in the State of Washington, 1963¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private	State	Bureau of Land Management	National Forest	Indian	Other ^{2/} public	Other Federal	Total
Western Washington:								
Clallam	212,629	54,540	--	127,459	5,178	712	1,299	401,817
Clark	36,897	2,305	--	--	--	415	--	39,617
Cowlitz	521,423	167,582	--	9,535	--	1,025	--	699,565
Grays Harbor	295,297	3,102	--	131,322	145,086	3,859	7	578,673
Island	19,743	356	--	--	--	146	--	20,245
Jefferson	120,751	111,280	--	99,578	--	--	445	332,054
King	190,264	40,459	--	58,540	--	3,901	--	293,164
Kitsap	18,434	2,390	--	--	309	1,784	--	22,917
Lewis	451,959	24,590	--	191,792	--	276	--	668,617
Mason	78,093	2,173	--	77,852	--	395	--	158,513
Pacific	494,014	12,757	--	--	--	6,795	96	513,662
Pierce	298,550	39,160	--	51,418	--	733	147	390,008
San Juan	4,625	--	--	--	--	--	--	4,625
Skagit	78,935	20,915	--	65,178	572	472	--	166,072
Skamania	40,146	4,629	--	358,962	--	--	--	403,737
Snohomish	151,161	70,469	--	163,548	636	58	--	385,872
Thurston	84,332	6,446	--	--	--	5,168	--	95,946
Wahkiakum	55,097	5,130	--	--	--	18	--	60,245
Whatcom	52,709	43,408	--	78,697	1,087	31	--	175,932
Total	3,205,059	611,691	--	1,413,881	152,868	25,788	1,994	5,411,281
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	867	--	--	2,675	--	--	--	3,542
Benton	--	--	--	--	--	--	--	--
Chelan	11,909	2,725	--	81,855	--	15	--	96,504
Columbia	8,187	--	--	3,531	--	--	--	11,718
Douglas	--	--	--	--	--	--	--	--
Ferry	12,738	1,170	26	50,672	94,114	--	--	158,720
Franklin	--	--	--	--	--	--	--	--
Garfield	601	--	--	15,194	--	--	--	15,795
Grant	--	--	--	--	--	--	--	--
Kittitas	77,995	3,377	--	37,022	--	--	--	118,394
Klickitat	52,264	5,592	--	--	10,422	547	--	68,825
Lincoln	707	894	--	--	--	--	--	1,601
Okanogan	6,367	9,237	60	90,950	24,355	--	--	130,969
Pend Oreille	21,968	579	--	66,243	293	1,214	--	90,297
Spokane	11,168	356	--	--	--	--	--	11,524
Stevens	48,380	6,430	67	29,381	10,046	--	--	94,304
Walla Walla	15,124	--	--	--	--	--	--	15,124
Whitman	123	--	--	--	--	--	--	123
Yakima	30,363	11,622	--	63,237	87,408	408	--	193,038
Total	298,761	41,982	153	440,760	226,638	2,184	--	1,010,478
Total Washington	3,503,820	653,673	153	1,854,641	379,506	27,972	1,994	6,421,759

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 26.—Log production by ownership and county in the State of Washington, 1964¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private	State	Bureau of Land Management	National Forest ^{2/}	Indian	Other public ^{3/}	Other Federal	Total
Western Washington:								
Clallam	204,963	32,801	--	114,786	10,535	9,581	5,008	377,674
Clark	17,324	931	--	--	--	--	--	18,255
Cowlitz	619,142	205,562	--	30,658	--	--	--	855,362
Grays Harbor	375,757	12,597	--	125,166	189,732	20,291	991	724,534
Island	15,092	--	--	--	--	669	--	15,761
Jefferson	141,480	112,202	--	118,165	10,226	196	463	382,732
King	349,214	43,361	--	72,541	--	11,161	--	476,277
Kitsap	20,495	3,917	--	--	--	868	1,026	26,306
Lewis	642,913	49,902	--	185,637	--	--	42	878,494
Mason	79,137	6,307	--	129,270	--	99	436	215,249
Pacific	516,696	13,450	--	--	--	1,151	3,698	534,995
Pierce	322,443	14,873	--	83,404	--	713	24	421,457
San Juan	5,125	--	--	--	--	--	--	5,125
Skagit	102,683	17,223	--	117,924	--	25	--	237,855
Skamania	65,743	9,360	--	348,099	--	36	--	423,238
Snohomish	100,269	45,359	--	117,200	--	263	--	263,091
Thurston	154,208	8,280	--	--	--	973	--	163,461
Wahkiakum	56,019	6,607	--	--	--	39	--	62,665
Whatcom	80,292	23,844	--	95,112	--	103	--	199,351
Total	3,868,995	606,576	--	1,537,962	210,493	46,168	11,688	6,281,882
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	2,693	--	--	4,280	--	--	--	6,973
Benton	--	--	--	--	--	--	--	--
Chelan	19,649	472	--	76,505	--	--	--	96,626
Columbia	4,749	--	--	3,103	--	--	--	7,852
Douglas	--	--	--	--	--	--	--	--
Ferry	13,250	2,404	--	51,142	89,565	4	--	156,365
Franklin	--	--	--	--	--	--	--	--
Garfield	5,824	693	--	16,157	--	--	--	22,674
Grant	--	--	--	--	--	--	--	--
Ittittas	87,599	4,688	--	74,472	--	--	--	166,759
Klickitat	43,979	1,220	--	2,782	10,220	--	--	58,201
Lincoln	--	164	--	--	--	--	--	164
Kanogan	24,009	7,965	601	93,304	34,688	--	--	160,567
Leand Oreille	23,405	446	--	65,176	455	--	--	89,482
Spokane	10,945	458	--	--	--	129	--	11,532
Stevens	58,997	4,542	218	32,055	9,830	--	3,725	109,367
Walla Walla	7,769	--	--	--	--	--	--	7,769
Whitman	--	--	--	--	--	--	--	--
Yakima	16,095	13,178	--	63,130	122,513	--	--	214,916
Total	318,963	36,230	819	482,106	267,271	133	3,725	1,109,247
1 Washington	4,187,958	642,806	819	2,020,068	477,764	46,301	15,413	7,391,129

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Data on Region 6 National Forests were compiled by Pacific Northwest Forest and Range Experiment Station.

^{3/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 27.—Log production by ownership and county in the State of Washington, 1965¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private	State	Bureau of Land Management	National Forest ^{2/3/}	Indian ^{3/}	Other public ^{3/}	Other Federal	Total
Western Washington:								
Clallam	186,036	103,104	--	84,249	10,151	3,500	5,211	392,251
Clark	32,588	12,396	--	--	--	63	--	45,047
Cowlitz	599,145	212,794	--	55,281	--	30	--	867,250
Grays Harbor	370,751	6,902	--	169,584	205,254	10,000	181	762,672
Island	11,917	--	--	--	--	--	109	12,026
Jefferson	147,532	177,118	--	59,505	7,170	--	1,106	392,431
King	297,709	15,269	--	62,281	--	27,969	4,695	407,923
Kitsap	19,850	2,513	--	--	72	1,079	422	23,936
Lewis	749,829	44,112	8	202,052	--	725	12	996,738
Mason	76,660	8,588	--	133,011	--	1,308	1,147	220,714
Pacific	580,556	18,512	--	--	--	109	5,614	604,791
Pierce	244,136	28,287	--	51,539	--	822	4,231	329,015
San Juan	5,438	--	--	--	--	211	--	5,649
Skagit	121,603	17,398	68	108,027	1,826	81	--	249,003
Skamania	79,488	5,719	--	374,774	37	--	--	460,018
Snohomish	238,259	34,063	--	141,219	--	1,593	72	415,206
Thurston	82,940	6,532	--	--	--	--	320	89,792
Wahkiakum	108,559	18,937	--	--	--	133	54	127,683
Whatcom	71,255	31,165	--	111,889	--	532	--	214,841
Total	4,024,251	743,409	76	1,553,411	224,510	48,155	23,174	6,616,986
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	381	--	--	5,564	--	--	--	5,945
Benton	--	--	--	--	--	--	--	--
Chelan	19,868	--	--	82,925	--	10	--	102,803
Columbia	8,426	--	--	1,926	--	--	--	10,352
Douglas	--	--	--	--	--	--	--	--
Ferry	11,984	1,833	--	57,490	103,396	--	2,358	177,061
Franklin	--	--	--	--	--	--	--	--
Garfield	148	--	--	11,770	--	--	--	11,918
Grant	--	--	--	--	--	--	--	--
Kittitas	52,651	14,786	--	86,670	--	745	1,288	156,140
Klickitat	49,726	9,305	--	2,354	23,283	--	139	84,807
Lincoln	220	--	--	--	--	--	--	220
Okanogan	2,160	20,334	124	106,358	31,015	64	--	160,055
Pend Oreille	21,214	2,233	110	38,183	1,348	--	--	63,088
Spokane	12,676	904	--	--	--	--	--	13,580
Stevens	46,268	12,562	454	23,193	11,408	--	1,826	95,711
Walla Walla	4,681	2,682	--	--	--	--	--	7,363
Whitman	--	--	--	--	--	--	--	--
Yakima	44,403	9,498	--	46,973	122,443	--	--	223,317
Total	274,806	74,137	688	463,406	292,893	819	5,611	1,112,360
Total Washington	4,299,057	817,546	764	2,016,817	517,403	48,974	28,785	7,729,346

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Data on Region 6 National Forests were compiled by Pacific Northwest Forest and Range Experiment Station.

^{3/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 28.—Log production by ownership and county in the State of Washington, 1966¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private	State	Bureau of Land Management	National Forest	Indian	Other public ^{2/}	Other Federal	Total
Western Washington:								
Clallam	189,890	43,626	--	76,781	30,672	786	664	342,419
Clark	25,085	17,155	--	--	--	65	--	42,305
Cowlitz	491,354	117,162	--	34,641	--	25	--	643,182
Grays Harbor	366,127	3,929	--	98,613	171,477	12,799	133	653,078
Island	15,890	--	--	--	--	--	--	15,890
Jefferson	224,038	159,852	--	65,298	4,744	771	241	454,944
King	230,048	13,269	--	58,298	--	33,147	--	334,762
Kitsap	17,889	1,221	--	--	54	1,005	--	20,169
Lewis	699,292	46,278	--	181,393	--	1,080	66	928,109
Mason	83,996	5,351	--	121,666	1,582	2,252	181	215,028
Pacific	517,101	11,235	--	--	--	29	4,457	532,822
Pierce	354,023	27,499	--	46,733	--	670	17,871	446,796
San Juan	3,201	--	--	--	--	--	--	3,201
Skagit	120,605	20,291	--	81,231	--	71	--	222,198
Skamania	89,393	538	--	418,467	--	--	--	508,398
Snohomish	115,735	40,951	1	120,458	--	--	--	277,145
Thurston	132,206	9,087	--	--	--	--	--	141,293
Wahkiakum	95,504	30,842	--	--	--	--	--	126,346
Whatcom	80,300	22,347	--	78,011	--	123	--	180,781
Total	3,851,677	570,633	1	1,381,590	208,529	52,823	23,613	6,088,866
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	498	282	--	4,922	--	--	--	5,702
Benton	--	--	--	--	--	--	--	--
Chelan	17,203	2,328	--	77,050	--	--	65	96,646
Columbia	13,117	--	--	428	--	242	--	13,787
Douglas	--	--	--	--	--	--	--	--
Ferry	20,540	--	2,361	56,854	84,957	--	--	164,712
Franklin	--	--	--	--	--	--	--	--
Garfield	583	--	--	8,239	--	--	--	8,822
Grant	--	--	--	--	--	--	--	--
Kittitas	61,598	7,478	--	53,714	--	332	263	123,385
Klickitat	49,164	6,779	--	1,391	18,221	--	160	75,715
Lincoln	1,784	408	--	--	--	--	--	2,192
Okanogan	5,436	30,603	2,038	113,848	27,097	--	--	179,022
Pend Oreille	19,465	3,380	20	65,959	642	936	--	90,402
Spokane	14,694	159	--	--	--	70	118	15,041
Stevens	57,452	7,943	324	12,934	8,480	4,033	--	91,166
Walla Walla	5,742	--	--	214	--	--	--	5,956
Whitman	374	--	--	--	--	--	--	374
Yakima	19,785	10,912	--	62,595	136,837	--	--	230,129
Total	287,435	70,272	4,743	458,148	276,234	5,613	606	1,103,051
all Washington	4,139,112	640,905	4,744	1,839,738	484,763	58,436	24,219	7,191,917

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 29.—Log production by ownership and county in the State of Washington, 1967¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private	State	Bureau of Land Management	National Forest	Indian	Other ^{2/} public	Other Federal	Total
Western Washington:								
Clallam	246,795	55,446	--	83,887	19,971	--	121	406,220
Clark	13,371	5,614	--	--	--	--	--	18,985
Cowlitz	453,289	59,891	--	20,519	--	--	--	533,699
Grays Harbor	305,172	5,773	--	93,180	201,019	18,379	772	624,295
Island	11,841	14	--	--	--	--	--	11,855
Jefferson	178,862	190,754	--	73,144	2,582	422	--	445,764
King	298,433	3,439	--	63,247	--	46,894	7,710	419,723
Kitsap	21,722	555	--	--	--	103	--	22,380
Lewis	694,311	17,305	--	181,654	--	1,334	--	894,604
Mason	66,196	5,050	--	101,629	--	253	--	173,128
Pacific	456,905	17,499	--	--	--	724	103	475,231
Pierce	310,894	14,401	--	73,989	--	3,999	13,553	416,836
San Juan	1,744	--	--	--	--	--	--	1,744
Skagit	148,622	20,286	--	83,765	--	310	--	252,983
Skamania	90,976	13,072	--	433,313	--	--	--	537,361
Snohomish	128,025	15,494	--	114,424	--	355	908	259,206
Thurston	72,183	15,133	--	--	--	302	1,158	88,776
Wahkiakum	107,439	17,666	--	--	--	46	--	125,151
Whatcom	86,199	19,258	--	66,989	39	--	--	172,485
Total	3,692,979	476,650	--	1,389,740	223,611	73,121	24,325	5,880,426
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	1,665	--	--	--	--	--	--	1,665
Benton	--	--	--	--	--	--	--	--
Chelan	7,728	4,701	--	71,904	--	--	--	84,333
Columbia	7,165	94	--	11,021	--	--	--	18,280
Douglas	--	--	--	--	--	--	--	--
Ferry	14,660	5,632	2,542	54,437	79,066	7,594	--	163,931
Franklin	--	--	--	--	--	--	--	--
Garfield	323	--	--	13,696	--	--	--	14,019
Grant	--	--	--	--	--	--	--	--
Kittitas	60,969	6,416	--	41,944	--	--	--	109,329
Klickitat	60,155	8,669	--	1,498	16,808	728	--	87,858
Lincoln	48	--	--	--	--	--	--	48
Okanogan	5,863	24,699	849	129,791	41,190	--	--	202,392
Pend Oreille	15,652	4,370	4	70,417	6	--	--	90,449
Spokane	9,190	888	--	--	--	16	--	10,094
Stevens	51,317	11,590	247	15,318	17,386	--	--	95,858
Walla Walla	3,195	--	--	--	--	--	--	3,195
Whitman	--	--	--	--	--	--	--	--
Yakima	30,597	10,187	--	69,336	145,980	1,231	--	257,331
Total	268,527	77,246	3,642	479,362	300,436	9,569	--	1,138,782
Total Washington	3,961,506	553,896	3,642	1,869,102	524,047	82,690	24,325	7,019,208

^{1/} Includes volume in logs, poles, pilings, cordwood, shingle bolts, etc., as compiled by Washington State Department of Natural Resources.

^{2/} Includes data on lands owned by cities, counties, public utility districts, and State lands not administered by Washington State Department of Natural Resources.

Table 30.—Log production by ownership and county in the State of Washington, 1968¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{3/}	Indian ^{3/}	Other public ^{2/}	Other Federal ^{2/4/}	Total
Western Washington:								
Challam	240,611	95,876	--	114,049	17,652	--	--	468,188
Clark	32,081	5,774	--	--	--	--	--	37,855
Cowlitz	625,399	105,784	--	17,855	--	640	--	749,678
Grays Harbor	346,753	11,744	--	130,687	243,542	18,900	--	751,626
Island	12,033	672	--	--	--	--	320	13,025
Jefferson	190,822	244,363	--	75,759	10	199	2,088	513,241
King	304,706	20,500	--	52,619	--	42,824	--	420,649
Kitsap	23,782	1,141	--	--	--	571	688	26,182
Lewis	793,418	31,632	--	199,804	--	--	5,866	1,030,720
Mason	88,413	11,009	--	103,662	--	2,962	2,600	208,646
Pacific	659,361	28,590	--	--	--	--	4,674	692,625
Pierce	335,653	12,245	--	50,351	--	3,336	28,448	430,033
San Juan	4,135	--	--	--	--	--	--	4,135
Skagit	167,738	32,849	--	94,217	--	1,821	--	296,625
Skamania	76,970	21,884	--	564,081	--	--	--	662,935
Snohomish	104,922	26,806	--	134,113	--	982	415	267,238
Spokane	95,667	15,306	--	--	--	2,855	1,387	115,215
Stevens	120,467	7,839	--	--	--	--	--	128,306
Thurston	80,760	36,498	--	58,786	--	256	--	176,300
Total	4,303,691	710,512	--	1,595,983	261,204	75,346	46,486	6,993,222
Eastern Washington:								
Banks	--	--	--	--	--	--	--	--
Benton	1,908	--	--	5,155	--	--	--	7,063
Chelan	--	--	--	--	--	--	--	--
Columbia	13,674	--	--	77,809	--	--	--	91,483
Douglas	2,750	--	--	11,696	--	--	--	14,446
Ferry	--	--	--	--	--	--	--	--
Franklin	27,905	9,684	632	37,430	117,709	--	--	193,360
Garfield	--	--	--	--	--	--	--	--
Grainger	836	--	--	8,173	--	--	--	9,009
Grant	--	--	--	--	--	--	--	--
Gratias	64,653	7,302	--	78,534	--	--	--	150,489
Wickitat	68,492	15,964	--	526	1,696	--	749	87,427
Lincoln	550	18	--	--	--	--	--	568
Manogon	9,380	23,231	1,639	130,100	36,524	--	--	200,874
Wind Oreille	23,052	2,271	--	70,805	672	--	--	96,800
Spokane	13,564	1,382	--	--	--	302	291	15,539
Stevens	53,314	22,328	2,055	27,943	15,346	--	3,297	124,283
Walla Walla	7,957	--	--	--	--	--	--	7,957
Witman	--	--	--	--	--	--	--	--
Yakima	22,749	16,468	--	57,449	163,308	--	--	259,974
Total	310,784	98,648	4,326	505,620	335,255	302	4,337	1,259,272
Washington	4,614,475	809,160	4,326	2,101,603	596,459	75,648	50,823	8,252,494

1/ Includes volume in logs, poles, pilings, shingle bolts, etc.

2/ Compiled by Washington State Department of Natural Resources.

3/ Compiled by respective agencies, U.S. Bureau of Land Management, U.S. Forest Service, and U.S. Bureau of Indian Affairs.

4/ Includes lands logged under jurisdiction of Bonneville Power Administration, National Park Service, U.S. Army, U.S. Fish and Wildlife Service.

Table 31.—Log production by ownership and county in the State of Washington, 1969¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{3/}	Indian ^{3/}	Other public ^{2/}	Other Federal ^{2/4/}	Total
Western Washington:								
Clallam	226,676	105,439	--	93,084	6,502	63	1,095	432,8
Clark	46,428	18,369	--	--	--	--	87	64,8
Cowlitz	521,132	103,157	--	12,445	--	--	4,223	640,9
Grays Harbor	527,377	18,374	--	72,668	203,370	34,316	--	856,1
Island	16,479	804	--	--	--	84	--	17,3
Jefferson	221,499	239,382	--	42,263	--	1,464	--	504,6
King	414,376	3,859	--	66,246	--	15,572	--	500,0
Kitsap	23,535	3,124	--	--	--	645	1,650	28,9
Lewis	656,184	53,534	--	255,017	--	--	36	964,7
Mason	90,730	18,365	--	91,731	--	2,817	--	203,6
Pacific	627,776	23,092	--	--	--	--	10	650,8
Pierce	379,935	16,135	--	80,346	--	410	19,489	496,3
San Juan	2,241	--	--	--	--	22	--	2,2
Skagit	267,238	41,491	--	55,436	--	2,413	--	366,5
Skamania	112,162	20,550	--	372,968	--	--	--	505,6
Snohomish	285,428	42,268	--	142,097	--	1,617	241	471,6
Thurston	127,250	15,364	--	--	--	--	164	142,7
Wahkiakum	121,471	18,413	--	--	--	3,862	--	143,7
Whatcom	103,627	23,736	--	34,243	--	--	8,830	170,4
Total	4,771,544	765,456	--	1,318,544	209,872	63,285	35,825	7,164,5
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	8,536	739	--	376	--	--	--	9,6
Benton	--	--	--	--	--	--	--	--
Chelan	22,194	1,302	--	75,343	--	--	--	98,6
Columbia	2,311	--	--	16,468	--	--	--	18,8
Douglas	--	--	--	--	--	--	--	--
Ferry	19,911	2,433	176	42,619	80,609	385	--	146,6
Franklin	--	--	--	--	--	--	--	--
Garfield	484	--	--	15,371	--	--	--	15,8
Grant	--	--	--	--	--	--	--	--
Kittitas	50,834	16,004	--	30,819	--	109	--	97,7
Klickitat	63,351	18,079	--	4,086	--	--	--	85,5
Lincoln	4,569	930	--	--	--	--	--	5,5
Okanogan	17,584	30,218	935	111,192	19,527	--	--	179,9
Pend Oreille	23,240	7,033	6	66,277	551	75	--	97,7
Spokane	17,542	155	--	--	--	--	234	17,8
Stevens	47,946	15,915	1,299	17,914	13,691	--	4,601	101,8
Walla Walla	896	--	--	--	--	--	--	--
Whitman	107	--	--	--	--	--	--	--
Yakima	16,974	25,196	--	76,009	149,518	453	--	268,8
Total	296,479	118,004	2,416	456,474	263,896	1,022	4,835	1,143,3
Total Washington	5,068,023	883,460	2,416	1,775,018	473,768	64,307	40,660	8,307,7

^{1/} Includes volume in logs, poles, piling, shingle bolts, etc.

^{2/} Compiled by Washington State Department of Natural Resources.

^{3/} Compiled by respective agencies, U.S. Bureau of Land Management, U.S. Forest Service, and U.S. Bureau of Indian Affairs.

^{4/} Includes lands logged under jurisdiction of Bonneville Power Administration, National Park Service, U.S. Army, and U.S. Fish and Wildlife Service.

Table 32.—Log production by ownership and county in the State of Washington, 1970¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{3/}	Indian ^{3/}	Other public ^{2/}	Other Federal ^{2/4/}	Total
Western Washington:								
Ciallam	227,715	112,060	--	66,515	22,395	79	--	428,764
Clark	18,715	9,299	--	--	--	--	121	28,135
Cowlitz	671,469	76,581	--	9,807	--	1,340	--	759,197
Grays Harbor	415,402	9,854	--	79,081	168,199	15,364	--	687,900
Island	17,814	1,103	--	--	--	28	--	18,945
Jefferson	179,650	230,599	--	41,923	--	175	268	452,615
King	452,228	11,340	--	76,765	73	16,753	--	557,159
Kitsap	31,477	2,349	--	--	--	357	932	35,115
Lewis	663,640	23,871	--	205,632	--	77	--	893,220
Mason	81,136	8,533	--	118,995	--	--	1,207	209,871
Pacific	701,591	17,073	--	--	--	--	--	718,664
Pierce	353,161	20,013	--	75,717	--	488	12,277	461,656
San Juan	2,156	--	--	--	--	--	--	2,156
Skagit	217,711	29,246	--	101,150	--	72	--	348,179
Skamania	101,311	20,280	--	359,527	--	12	--	481,130
Snohomish	138,118	44,084	--	106,788	--	121	22	289,133
Thurston	85,559	7,085	--	--	--	--	8,752	101,396
Wahkiakum	101,179	19,301	--	--	--	4,052	--	124,532
Whatcom	83,838	20,270	--	19,905	--	229	--	124,242
Total	4,543,870	662,941	--	1,261,805	190,667	39,147	23,579	6,722,009
Eastern Washington:								
Adams	--	--	--	--	--	--	--	--
Asotin	7,521	--	--	2,052	--	--	--	9,573
Benton	--	--	--	--	--	--	--	--
Chelan	13,272	972	--	50,886	--	361	--	65,491
Columbia	2,836	--	--	9,415	--	--	--	12,251
Douglas	--	--	--	--	--	--	--	--
Ferry	25,958	1,749	--	48,277	68,360	--	--	144,344
Franklin	--	--	--	--	--	--	--	--
Garfield	984	--	--	16,012	--	--	--	16,996
Grant	--	--	--	--	--	--	--	--
Gittitas	52,300	3,466	--	31,861	--	--	--	87,627
Llickitat	63,615	9,521	--	3,418	630	--	--	77,184
Lincoln	762	65	--	--	--	--	--	827
Kanogan	10,792	23,294	5	50,797	25,629	--	--	110,517
Leand Oreille	11,894	346	--	66,869	331	--	--	79,440
Pokane	19,548	21	--	--	--	321	268	20,158
Stevens	61,317	2,995	3,654	16,661	5,905	128	2,710	93,370
Walla Walla	4,534	--	--	--	--	--	--	4,534
Whitman	--	--	1	--	--	--	--	1
Yakima	25,196	14,088	--	59,915	123,780	7,739	--	230,718
Total	300,529	56,517	3,660	356,163	224,635	8,549	2,978	953,031
Full Washington	4,844,399	719,458	3,660	1,617,968	415,302	47,696	26,557	7,675,040

^{1/} Includes volume in logs, poles, piling, shingle bolts, etc.

^{2/} Compiled by Washington State Department of Natural Resources.

^{3/} Compiled by respective agencies, U.S. Bureau of Land Management, U.S. Forest Service, and U.S. Bureau of Indian Affairs.

^{4/} Includes lands logged under jurisdiction of Bonneville Power Administration, National Park Service, U.S. Army, U.S. Fish and Wildlife Service.

Table 33.—Log production by ownership and county in the State of Oregon, 1949¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	226,200	1,121	5,942	229	--	233,492
Clackamas	347,362	--	4,068	90,781	--	442,211
Clatsop	174,933	20,742	--	--	--	195,675
Columbia	56,453	--	--	--	--	56,453
Coos	491,955	--	5,836	28,863	--	526,654
Curry	103,073	--	--	609	--	103,682
Douglas	1,045,846	11,892	88,128	76,369	14,484	1,236,719
Hood River	30,211	--	--	15,744	--	45,955
Jackson	385,246	--	8,369	38,398	--	432,013
Josephine	212,242	--	10,510	7,964	--	230,716
Lane	864,752	14,060	68,286	264,923	--	1,212,021
Lincoln	404,795	--	--	15,245	16,898	436,938
Linn	598,707	653	21,626	57,419	--	678,405
Marion	128,357	1,594	--	3,066	--	133,017
Multnomah	14,433	--	--	--	--	14,433
Polk	273,367	31	13,378	1,678	--	288,454
Tillamook	(7/)	760,805	1,837	30,573	--	793,215
Washington	61,900	133,441	--	--	--	195,341
Yamhill	128,434	--	5,258	410	--	134,102
Total	5,548,266	944,339	233,238	632,271	31,382	7,389,496
Eastern Oregon:						
Baker	257	--	--	11,590	--	11,847
Crook	3,634	--	914	84,769	--	89,317
Deschutes	245	--	1,049	31,995	--	33,289
Gilliam	--	--	--	--	--	--
Grant	90,923	--	1,016	73,203	--	165,142
Harney	(7/)	--	582	44,679	--	45,261
Jefferson	99,701	--	--	8,953	11,770	120,424
Klamath	141,623	603	411	43,448	98,440	284,525
Lake	28,455	--	863	13,605	--	42,923
Malheur	--	--	--	--	--	--
Morrow	15,534	--	--	18,544	--	34,078
Sherman	--	--	--	--	--	--
Umatilla	2,222	--	--	8,000	1,070	11,292
Union	24,222	--	--	301	--	24,523
Wallowa	40,154	--	--	9,194	--	49,348
Wasco	12,878	--	--	17,260	30,433	60,571
Wheeler	14,229	--	--	678	--	14,907
Total	474,077	603	4,835	366,219	141,713	987,447
Total Oregon	6,022,343	944,942	238,073	998,490	173,095	8,376,943

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

^{7/} Negligible.

Table 34.—Log production by ownership and county in the State of Oregon, 1950¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	214,341	358	19,108	1,448	--	235,255
Clackamas	329,111	--	10,803	114,303	--	454,217
Clatsop	187,902	2,833	812	--	--	191,547
Columbia	65,851	43	--	--	--	65,894
Coos	544,940	818	79,949	36,814	--	662,521
Curry	227,620	--	--	5,431	--	233,051
Douglas	1,053,964	8,339	130,894	151,358	10,863	1,355,418
Hood River	36,336	--	--	24,261	--	60,597
Jackson	446,111	--	73,748	92,215	--	612,074
Josephine	260,932	--	19,172	18,708	--	298,812
Lane	1,084,473	7,955	85,217	364,393	--	1,542,038
Lincoln	278,451	78	--	8,690	33,798	321,017
Linn	619,275	3,874	26,134	45,987	--	695,270
Marion	113,860	2,923	9,719	41,762	--	168,264
Multnomah	25,512	--	--	--	--	25,512
Polk	277,262	--	13,766	5,794	--	296,822
Tillamook	(7/)	854,196	918	15,812	--	870,926
Washington	28,295	121,023	--	--	--	149,318
Yamhill	137,587	--	17,196	--	1,207	155,990
Total	5,931,823	1,002,440	487,436	926,976	45,868	8,394,543
Eastern Oregon:						
Baker	--	--	716	15,087	--	15,803
Crook	--	--	5,661	55,105	--	60,766
Deschutes	--	--	2,374	40,125	--	42,499
Gilliam	--	--	--	--	--	--
Grant	106,624	--	51	90,094	--	196,769
Harney	--	--	--	27,392	--	27,392
Jefferson	15,861	--	96	11,663	16,050	43,670
Klamath	126,924	200	3,848	78,645	81,320	290,937
Lake	--	--	300	86,456	--	86,756
Malheur	--	--	--	--	--	--
Morrow	14,940	--	--	14,873	--	29,813
Sherman	--	--	--	--	--	--
Umatilla	51,538	--	--	4,708	1,070	57,316
Union	28,639	--	--	13,482	--	42,121
Wallowa	51,299	--	--	11,021	--	62,320
Wasco	23,406	--	--	29,211	48,150	100,767
Wheeler	97,318	--	--	8,560	--	105,878
Total	516,549	200	13,046	486,422	146,590	1,162,807
Total Oregon	6,448,372	1,002,640	500,482	1,413,398	192,458	9,557,350

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

^{7/} Negligible

Table 35.—Log production by ownership and county in the State of Oregon, 1951¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	227,555	380	7,021	5,069	--	240,025
Clackamas	327,463	--	24,939	139,650	--	492,052
Clatsop	205,958	7,570	--	--	--	213,528
Columbia	42,099	--	--	--	--	42,099
Coos	725,722	--	67,217	37,417	--	830,356
Curry	323,261	--	675	20,640	--	344,576
Douglas	1,332,855	8,941	109,227	155,944	--	1,606,967
Hood River	37,328	--	--	35,848	--	73,176
Jackson	523,925	--	40,214	77,248	--	641,387
Josephine	313,955	--	25,784	43,331	--	383,070
Lane	1,262,656	3,354	107,369	338,805	--	1,712,184
Lincoln	177,648	625	--	26,192	22,933	227,398
Linn	563,926	13,693	31,387	55,160	--	664,166
Marion	130,472	11,596	17,932	7,121	--	167,121
Multnomah	20,107	--	595	121	--	20,823
Polk	267,560	--	11,476	4,104	--	283,140
Tillamook	(7/)	717,744	637	21,726	--	740,107
Washington	11,373	110,218	--	--	--	121,591
Yamhill	134,322	--	42	--	--	134,364
Total	6,628,185	874,121	444,515	968,376	22,933	8,938,130
Eastern Oregon:						
Baker	23,561	--	--	5,243	--	28,804
Crook	--	--	50,220	52,323	--	102,543
Deschutes	9,384	--	1,552	41,837	--	52,773
Gilliam	2,789	--	--	--	--	2,789
Grant	138,595	--	44	91,164	--	229,803
Harney	8,395	--	--	39,804	--	48,199
Jefferson ^{7/}	104,832	--	--	10,700	(8/)	115,532
Klamath	111,042	292	4,640	39,376	105,930	261,280
Lake	27,017	--	107	75,221	--	102,345
Malheur	--	--	--	--	--	--
Morrow	15,906	--	--	14,766	--	30,672
Sherman	--	--	--	--	--	--
Umatilla	58,754	--	--	5,350	1,070	65,174
Union	35,850	--	--	4,815	--	40,665
Wallowa	50,028	--	--	13,589	--	63,617
Wasco	33,242	--	--	38,413	8/ 63,130	134,785
Wheeler	110,511	--	--	10,807	--	121,318
Total	729,906	292	56,563	443,408	170,130	1,400,299
Total Oregon	7,358,091	874,413	501,078	1,411,784	193,063	10,338,429

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

^{7/} Negligible.

^{8/} Production in Wasco and Jefferson Counties combined.

Table 36.—Log production by ownership and county in the State of Oregon, 1952¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	200,678	--	13,268	7,001	--	220,947
Clackamas	363,739	--	7,363	118,165	--	489,267
Clatsop	206,749	1,852	41	--	--	208,642
Columbia	60,870	6	775	--	--	61,651
Coos	841,054	--	18,052	35,969	--	895,075
Curry	751,100	344	--	21,123	--	772,567
Douglas	1,615,807	--	166,927	149,547	--	1,932,281
Hood River	30,519	--	--	30,416	--	60,935
Jackson	555,864	--	37,241	84,490	--	677,595
Josephine	316,237	--	28,412	35,727	--	380,376
Lane	1,327,516	2,442	120,869	393,965	--	1,844,792
Lincoln	617,928	--	--	28,847	17,487	664,262
Linn	580,696	9,305	21,232	100,785	--	712,018
Marion	96,789	4,502	10,643	35,606	--	147,540
Multnomah	24,507	--	--	--	--	24,507
Polk	229,486	--	15,884	13,518	--	258,888
Tillamook	35,404	655,511	5,417	38,745	--	735,077
Washington	94,337	60,438	4,647	--	--	159,422
Yamhill	138,342	--	10,856	483	--	149,681
Total	8,087,622	734,400	461,627	1,094,387	17,487	10,395,523
Eastern Oregon:						
Baker	32,485	--	--	8,132	--	40,617
Crook	12,264	--	--	60,027	--	72,291
Deschutes	17,275	--	3,442	41,409	--	62,126
Gilliam	--	--	--	--	--	--
Grant	130,441	--	--	118,449	--	248,890
Harney	8,646	--	--	23,433	--	32,079
Jefferson	53,281	--	--	16,264	13,746	83,291
Klamath	96,573	129	9,377	44,726	60,350	211,155
Lake	51,146	--	--	73,081	--	124,227
Malheur	--	--	--	--	--	--
Morrow	8,581	--	--	3,424	--	12,005
Sherman	--	--	--	--	--	--
Umatilla	32,984	--	--	5,136	5,250	43,370
Union	47,131	--	--	4,815	--	51,946
Wallowa	36,276	--	--	22,363	--	58,639
Wasco	20,544	--	--	40,660	49,584	110,788
Wheeler	47,595	--	--	18,083	--	65,678
Total	595,222	129	12,819	480,002	128,930	1,217,102
Total Oregon	8,682,844	734,529	474,446	1,574,389	146,417	11,612,625

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 37.—Log production by ownership and county in the State of Oregon, 1953¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	194,354	--	8,273	8,208	--	210,835
Clackamas	281,327	--	16,048	171,152	--	468,527
Clatsop	172,914	12,661	--	--	--	185,575
Columbia	80,275	--	--	--	--	80,275
Coos	732,114	132	37,337	42,728	--	812,311
Curry	401,965	--	--	18,588	--	420,553
Douglas	1,414,061	240	187,649	177,308	--	1,779,258
Hood River	41,264	--	--	36,934	--	78,198
Jackson	403,279	--	39,719	101,509	--	544,507
Josephine	260,384	--	19,411	14,122	--	293,917
Lane	997,278	3,545	150,869	414,604	--	1,566,296
Lincoln	504,735	--	--	19,433	817	524,985
Linn	463,233	3,810	60,870	119,734	--	647,647
Marion	112,743	18,206	--	64,333	--	195,282
Multnomah	15,819	--	--	121	--	15,940
Polk	126,935	--	12,189	16,898	29	156,051
Tillamook	(7/)	545,655	2,669	45,625	--	593,949
Washington	107,295	60,460	--	--	--	167,755
Yamhill	51,690	--	5,749	--	76	57,515
Total	6,361,665	644,709	540,783	1,251,297	922	8,799,376
Eastern Oregon:						
Baker	34,550	--	--	22,684	--	57,234
Crook	13,193	--	367	53,072	--	66,632
Deschutes	8,768	--	149	49,862	--	58,779
Gilliam	--	--	--	--	--	--
Grant	107,899	--	5,681	99,403	--	212,983
Harney	6,360	--	--	21,614	--	27,974
Jefferson	48,077	--	--	20,972	14,124	83,173
Klamath	93,509	--	10,450	60,134	67,063	231,156
Lake	67,247	--	--	91,378	--	158,625
Malheur	--	--	--	428	--	428
Morrow	2,880	--	383	8,346	--	11,609
Sherman	--	--	--	--	--	--
Umatilla	49,373	--	--	5,671	12,977	68,021
Union	50,371	--	--	963	318	51,652
Wallowa	57,621	--	--	15,729	--	73,350
Wasco	15,519	--	--	50,932	40,556	107,007
Wheeler	106,816	--	--	14,231	--	121,047
Total	662,183	--	17,030	515,419	135,038	1,329,670
Total Oregon	7,023,848	644,709	557,813	1,766,716	135,960	10,129,046

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

^{7/} Negligible.

Table 38.—Log production by ownership and county in the State of Oregon, 1954¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	166,290	303	27,477	21,605	--	215,675
Clackamas	285,008	--	15,877	140,133	--	441,018
Clatsop	155,318	3,983	--	--	--	159,301
Columbia	52,162	--	13,096	--	--	65,258
Coos	597,518	358	91,833	26,433	--	716,142
Curry	447,380	--	--	29,692	--	477,072
Douglas	1,376,650	1,352	267,539	247,073	--	1,892,614
Hood River	26,661	--	--	43,211	--	69,872
Jackson	604,376	--	51,984	145,202	--	801,562
Josephine	251,650	--	50,104	32,951	--	334,705
Lane	895,544	4,575	128,432	471,816	--	1,500,367
Lincoln	452,116	407	671	34,762	690	488,646
Linn	463,676	4,968	41,897	134,460	--	645,001
Marion	47,693	27,862	15,636	38,383	--	129,574
Multnomah	19,716	--	--	1,448	--	21,164
Polk	200,432	127	19,694	15,691	--	235,944
Tillamook	--	490,194	6,173	28,244	--	524,611
Washington	86,245	36,229	2,217	--	--	124,691
Yamhill	77,537	--	10,338	--	--	87,875
Total	6,205,972	570,358	742,968	1,411,104	690	8,931,092
Eastern Oregon:						
Baker	40,910	--	--	35,631	--	76,541
Crook	15,009	--	3,639	74,686	--	93,334
Deschutes	12,834	--	1,953	60,027	--	74,814
Gilliam	535	--	--	--	--	535
Grant	132,209	--	--	129,470	--	261,679
Harney	16,831	--	607	34,561	--	51,999
Jefferson	29,095	--	--	16,050	14,365	59,510
Klamath	117,752	--	7,149	37,450	44,947	207,298
Lake	42,329	--	4,147	87,954	--	134,430
Malheur	1,979	--	--	3,531	--	5,510
Morrow	26,302	--	--	214	--	26,516
Sherman	--	--	--	--	--	--
Umatilla	84,802	--	1,026	14,338	8,833	108,999
Union	63,229	--	--	3,317	2,924	69,470
Wallowa	91,784	--	--	24,075	--	115,859
Wasco	16,749	--	--	50,611	45,967	113,327
Wheeler	104,901	--	308	16,906	--	122,115
Total	797,250	--	18,829	588,821	117,036	1,521,936
Total Oregon	7,003,222	570,358	761,797	1,999,925	117,726	10,453,028

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 39.—Log production by ownership and county in the State of Oregon, 1955¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	170,607	3,098	24,389	9,043	--	207,137
Clackamas	262,773	--	25,205	215,754	--	503,732
Clatsop	287,520	5,520	--	--	--	293,040
Columbia	69,038	--	6,509	--	--	75,547
Coos	795,742	881	95,877	19,934	--	912,434
Curry	377,967	--	4,509	37,305	--	419,781
Douglas	1,902,327	267	184,013	265,476	--	2,352,083
Hood River	34,207	--	--	37,652	--	71,859
Jackson	680,908	--	57,052	110,285	--	848,245
Josephine	305,081	--	15,415	31,727	--	352,223
Lane	869,210	2,810	87,862	501,318	--	1,461,200
Lincoln	660,147	1,961	1,371	72,888	--	736,367
Linn	428,183	2,956	39,922	105,711	--	576,772
Marion	59,267	3,075	6,112	16,916	--	85,370
Multnomah	15,835	--	--	404	--	16,239
Polk	196,987	4,873	16,862	12,521	--	231,243
Tillamook	12,731	447,685	756	27,195	--	488,367
Washington	33,707	62,094	6,775	--	--	102,576
Yamhill	85,544	--	2,834	57	--	88,435
Total	7,247,781	535,220	575,463	1,464,186	--	9,822,650
Eastern Oregon:						
Baker	32,126	--	1,621	48,679	--	82,426
Crook	10,851	--	448	48,639	--	59,938
Deschutes	9,981	--	203	41,372	--	51,556
Gilliam	--	--	--	--	--	--
Grant	171,069	--	3,843	126,558	--	301,470
Harney	16,193	--	722	30,217	--	47,132
Jefferson	50,853	--	--	42,372	11,483	104,708
Klamath	206,776	--	6,829	41,363	66,708	321,676
Lake	43,842	--	10,452	82,698	19,630	156,622
Malheur	462	--	137	--	--	599
Morrow	39,713	--	--	27	--	39,740
Sherman	--	--	--	--	--	--
Umatilla	58,197	--	149	25,804	9	84,159
Union	56,623	--	188	5,364	--	62,175
Wallowa	60,966	--	--	24,533	--	85,499
Wasco	20,240	--	--	64,250	44,913	129,403
Wheeler	71,261	--	2,309	11,594	--	85,164
Total	849,153	--	26,901	593,470	142,743	1,612,267
Total Oregon	8,096,934	535,220	602,364	2,057,656	142,743	11,434,917

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 40.—Log production by ownership and county in the State of Oregon, 1956¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	197,597	2,076	13,062	24,985	--	237,720
Clackamas	279,789	2,130	20,398	197,465	--	499,782
Clatsop	267,606	22,588	--	--	--	290,194
Columbia	142,990	241	433	--	--	143,664
Coos	573,566	293	43,059	29,451	--	646,369
Curry	415,735	64	4,814	46,107	--	466,720
Douglas	1,623,904	3,439	202,387	286,662	--	2,116,392
Hood River	35,798	--	--	43,211	--	79,009
Jackson	518,000	--	59,102	93,542	--	670,644
Josephine	270,580	--	23,778	24,623	--	318,981
Lane	729,045	1,102	102,878	489,559	--	1,322,584
Lincoln	634,702	2,962	3,450	49,366	--	690,480
Linn	515,182	888	41,912	104,888	--	662,870
Marion	66,378	135	3,872	25,830	--	96,215
Multnomah	20,822	--	--	1,207	--	22,029
Polk	237,138	4,904	22,602	--	--	264,644
Tillamook	100,655	344,738	6,515	46,470	--	498,378
Washington	70,170	42,245	1,352	--	--	113,767
Yamhill	92,053	--	2,263	--	--	94,316
Total	6,791,710	427,805	551,877	1,463,366	--	9,234,758
Eastern Oregon:						
Baker	50,795	--	619	54,784	--	106,198
Crook	15,171	--	365	71,904	--	87,440
Deschutes	--	--	4,068	86,028	--	90,096
Gilliam	--	--	--	--	--	--
Grant	174,541	--	4,224	126,046	--	304,811
Harney	24,117	--	2,012	35,524	--	61,653
Jefferson	59,238	--	--	34,882	13,310	107,430
Klamath	58,003	--	5,565	53,821	80,816	198,205
Lake	110,121	--	2,024	90,308	50,378	252,831
Malheur	--	--	137	--	--	137
Morrow	46,042	--	--	8,025	--	54,067
Sherman	--	--	--	--	--	--
Umatilla	69,040	--	--	14,445	3	83,488
Union	71,733	--	201	23,540	--	95,474
Wallowa	66,269	--	767	26,750	--	93,786
Wasco	33,363	--	--	61,525	29,410	124,298
Wheeler	60,303	--	2,813	13,482	--	76,598
Total	838,736	--	22,795	701,064	173,917	1,736,512
Total Oregon	7,630,446	427,805	574,672	2,164,430	173,917	10,971,270

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 41.—Log production by ownership and county in the State of Oregon, 1957¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	122,230	257	13,589	16,536	--	152,612
Clackamas	236,570	1,064	21,522	141,581	--	400,737
Clatsop	185,553	23,536	--	--	--	209,089
Columbia	127,980	--	3,094	--	--	131,074
Coos	486,321	1,060	42,756	38,624	--	568,761
Curry	495,773	217	1,024	33,555	--	530,569
Douglas	1,107,919	7,194	236,125	204,828	--	1,556,066
Hood River	40,311	--	--	33,434	--	73,745
Jackson	385,150	--	36,021	94,508	--	515,679
Josephine	171,869	--	39,996	22,209	--	234,074
Lane	620,918	4,262	83,780	450,090	--	1,159,050
Lincoln	523,103	4,680	976	43,935	--	572,694
Linn	365,537	8,815	61,615	139,891	--	575,858
Marion	34,359	606	10,620	7,725	--	53,310
Multnomah	9,856	--	578	241	--	10,675
Polk	126,448	468	41,434	483	--	168,833
Tillamook	1,260	269,429	5,731	66,023	--	342,443
Washington	34,769	42,245	3,640	--	--	80,654
Yamhill	57,662	--	4,147	--	--	61,809
Total	5,133,588	363,833	606,648	1,293,663	--	7,397,732
Eastern Oregon:						
Baker	26,288	--	3,452	65,163	--	94,903
Crook	23,645	--	1,658	34,989	--	60,292
Deschutes	28,814	--	956	62,274	--	92,044
Gilliam	--	--	--	--	--	--
Grant	125,910	--	603	99,403	--	225,916
Harney	1,498	--	1,380	23,005	--	25,883
Jefferson	32,943	--	--	28,890	4	61,837
Klamath	97,334	16	14,788	72,974	9,619	194,731
Lake	62,511	--	--	101,436	19	163,966
Malheur	--	--	--	--	--	--
Morrow	59,145	--	--	3,210	--	62,355
Sherman	--	--	--	--	--	--
Umatilla	63,891	766	--	15,408	7,703	87,768
Union	94,247	--	703	34,133	--	129,083
Wallowa	83,497	--	--	23,112	--	106,609
Wasco	52,363	--	622	42,158	38,632	133,775
Wheeler	450	--	245	21,293	--	21,988
Total	752,536	782	24,407	627,448	55,977	1,461,150
Total Oregon	5,886,124	364,615	631,055	1,921,111	55,977	8,858,882

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 42.—Log production by ownership and county in the State of Oregon, 1958¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	107,263	1,957	28,214	10,288	--	147,722
Clackamas	185,677	11	22,078	220,898	--	428,664
Clatsop	231,201	11,034	--	--	--	242,235
Columbia	91,596	--	6,731	--	--	98,327
Coos	577,968	699	59,300	52,273	--	690,240
Curry	451,605	--	987	46,331	--	498,923
Douglas	1,031,813	13,241	273,352	286,711	--	1,605,117
Hood River	46,123	--	--	58,531	--	104,654
Jackson	300,072	--	91,454	139,497	--	531,023
Josephine	40,985	--	41,660	54,594	--	137,239
Lane	594,187	2,428	138,471	582,713	--	1,317,799
Lincoln	278,076	11,950	2,350	92,456	--	384,832
Linn	281,163	2,240	39,955	139,933	--	463,291
Marion	51,210	3,346	9,378	43,320	--	107,254
Multnomah	4,967	--	485	4,664	--	10,116
Polk	139,824	2,274	27,846	--	--	169,944
Tillamook	182,829	90,118	14,340	44,582	--	331,869
Washington	46,165	763	3,154	--	--	50,082
Yamhill	64,800	--	7,473	--	--	72,273
Total	4,707,524	140,061	767,228	1,776,791	--	7,391,604
Eastern Oregon:						
Baker	40,978	--	5,575	55,681	--	102,234
Crook	36,988	--	192	48,843	--	86,023
Deschutes	14,933	--	902	80,903	--	96,738
Gilliam	--	--	--	--	--	--
Grant	162,741	--	9,644	84,752	--	257,137
Harney	4,321	--	70	45,362	--	49,753
Jefferson	17,639	1,170	833	36,508	25,725	81,875
Klamath	103,180	--	11,832	61,616	41,072	217,700
Lake	49,213	--	--	119,134	--	168,347
Malheur	--	--	--	--	--	--
Morrow	52,677	--	--	15,303	--	67,980
Sherman	--	--	--	--	--	--
Umatilla	71,151	1,703	--	19,424	6,691	98,969
Union	61,731	--	--	43,414	228	105,373
Wallowa	61,725	--	--	32,785	--	94,510
Wasco	45,809	--	--	51,433	32,137	129,379
Wheeler	20,323	--	2,589	24,582	--	47,494
Total	743,409	2,873	31,637	719,740	105,853	1,603,512
Total Oregon	5,450,933	142,934	798,865	2,496,531	105,853	8,995,116

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 43.—Log production by ownership and county in the State of Oregon, 1959¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National ^{5/} Forest	Indian ^{6/}	Total
Western Oregon:						
Benton	89,068	3,937	52,281	14,504	--	159,790
Clackamas	188,734	2,187	32,354	313,372	--	536,647
Clatsop	249,321	33,077	--	--	--	282,398
Columbia	92,326	--	4,276	--	--	96,602
Coos	604,637	13,031	86,264	78,065	--	781,997
Curry	570,724	--	9,011	113,062	--	692,797
Douglas	1,119,722	11,762	367,236	396,304	--	1,895,024
Hood River	36,572	72	--	76,361	--	113,005
Jackson	357,725	--	84,401	162,119	--	604,245
Josephine	90,376	--	69,941	81,270	--	241,587
Lane	430,408	5,746	131,166	740,013	--	1,307,333
Lincoln	310,049	7,440	3,564	191,402	--	512,455
Linn	311,598	1,591	60,352	179,690	--	553,231
Marion	38,949	8,119	15,323	71,864	--	134,255
Multnomah	5,057	--	--	15,130	--	20,187
Polk	173,672	220	34,284	4,017	--	212,193
Tillamook	163,391	74,582	23,550	60,486	--	322,009
Washington	42,086	2,250	881	--	--	45,217
Yamhill	52,501	--	15,663	--	--	68,164
Total	4,926,916	164,014	990,547	2,497,659	--	8,579,136
Eastern Oregon:						
Baker	47,102	--	7,040	71,674	--	125,816
Crook	20,548	--	1,427	65,809	--	87,784
Deschutes	1,756	--	1,526	93,703	--	96,985
Gilliam	--	--	--	--	--	--
Grant	146,012	--	4,707	141,137	--	291,856
Harney	--	--	205	43,562	--	43,767
Jefferson	8,643	--	--	62,505	24,779	95,927
Klamath	172,425	--	17,360	71,264	3,649	264,698
Lake	40,496	--	884	143,699	--	185,079
Malheur	2,311	--	--	--	--	2,311
Morrow	60,122	--	--	18,421	--	78,543
Sherman	--	--	--	--	--	--
Umatilla	76,342	2,006	--	36,601	4,922	119,871
Union	86,454	--	--	31,428	--	117,882
Wallowa	74,763	--	--	36,410	--	111,173
Wasco	29,799	--	--	48,635	47,604	126,038
Wheeler	26,823	--	5,627	61,138	--	93,588
Total	793,596	2,006	38,776	925,986	80,954	1,841,318
Total Oregon	5,720,512	166,020	1,029,323	3,423,645	80,954	10,420,454

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 44.-Log production by ownership and county in the State of Oregon, 1960¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	94,778	8,340	39,182	10,185	--	152,485
Clackamas	149,361	338	17,033	250,733	--	417,465
Clatsop	256,429	49,062	--	--	--	305,491
Columbia	112,985	75	1,642	--	--	114,702
Coos	667,072	17,109	84,686	30,124	--	798,991
Curry	434,702	--	7,596	116,958	--	559,256
Douglas	1,211,899	17,967	297,874	293,679	--	1,821,419
Hood River	45,377	--	--	42,520	--	87,897
Jackson	356,882	--	70,092	112,321	--	539,295
Josephine	53,167	--	72,763	64,565	--	190,495
Lane	843,662	4,975	127,832	584,718	--	1,561,187
Lincoln	370,270	6,852	5,975	139,804	--	522,901
Linn	256,461	4,401	48,562	186,599	--	496,023
Marion	47,006	8,025	23,949	44,391	--	123,371
Multnomah	19,068	--	--	15,115	--	34,183
Polk	64,842	192	28,193	--	--	93,227
Tillamook	190,745	88,175	27,898	45,042	--	351,860
Washington	27,245	879	--	--	--	28,124
Yamhill	29,497	--	11,645	6,240	--	47,382
Total	5,231,448	206,390	864,922	1,942,994	--	8,245,754
Eastern Oregon:						
Baker	17,232	--	1,806	46,531	--	65,569
Crook	5,721	--	--	55,442	--	61,163
Deschutes	6,684	--	2,787	72,837	--	82,308
Gilliam	--	--	--	--	--	--
Grant	55,339	1,691	8,151	127,324	--	192,505
Harney	1,236	--	2,033	51,986	--	55,255
Jefferson	1,046	--	--	29,503	19,645	50,194
Klamath	145,206	505	29,416	85,465	--	260,592
Lake	137,003	--	2,531	73,609	--	213,143
Malheur	27	--	508	--	--	535
Morrow	56,439	--	--	18,039	--	74,478
Sherman	--	--	--	--	--	--
Umatilla	60,248	--	--	33,475	4,953	98,676
Union	41,575	1,511	1,158	42,701	--	86,945
Wallowa	64,950	--	1,293	36,066	--	102,309
Wasco	49,093	--	2,460	59,208	56,660	167,421
Wheeler	24,604	--	--	22,348	--	46,952
Total	666,403	3,707	52,143	754,534	81,258	1,558,045
Total Oregon	5,897,851	210,097	917,065	2,697,528	81,258	9,803,799

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 45.—Log production by ownership and county in the State of Oregon, 1961¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	80,824	3,249	22,755	17,019	--	123,847
Clackamas	129,876	1,161	15,819	223,713	--	370,569
Clatsop	202,118	54,163	--	--	--	256,281
Columbia	41,808	1,176	1,774	--	--	44,758
Coos	397,497	32,612	62,764	28,602	--	521,475
Curry	391,277	22	11,211	110,314	--	512,824
Douglas	574,788	33,004	304,487	332,817	--	1,245,096
Hood River	46,893	--	--	38,763	--	85,656
Jackson	241,980	--	108,953	146,854	--	497,787
Josephine	58,673	--	57,207	45,892	--	161,772
Lane	982,396	9,208	164,588	604,960	--	1,761,152
Lincoln	248,128	5,471	7,155	120,963	--	381,717
Linn	412,992	1,504	62,220	176,899	--	653,615
Marion	28,008	2,943	16,647	79,634	--	127,232
Multnomah	7,845	--	--	28,538	--	36,383
Polk	30,170	2,608	29,963	438	--	63,179
Tillamook	108,699	67,475	29,603	38,123	--	243,900
Washington	10,175	1,937	--	--	--	12,112
Yamhill	20,015	--	22,462	--	--	42,477
Total	4,014,162	216,533	917,608	1,993,529	--	7,141,832
Eastern Oregon:						
Baker	8,749	--	938	36,443	--	46,130
Crook	5,247	--	1,975	73,028	--	80,250
Deschutes	--	--	3,417	93,004	--	96,421
Gilliam	45	--	--	--	--	45
Grant	64,538	487	11,883	146,829	--	223,737
Harney	--	--	1,339	45,999	--	47,338
Jefferson	11,620	--	942	41,275	363	54,200
Klamath	87,732	1,766	11,431	94,019	--	194,948
Lake	99,693	--	--	83,634	--	183,327
Malheur	--	--	1,318	--	--	1,318
Morrow	39,512	--	--	5,378	--	44,890
Sherman	--	--	--	--	--	--
Umatilla	85,518	58	--	32,966	3,019	121,561
Union	44,812	--	--	80,154	--	124,966
Wallowa	70,232	--	317	27,947	--	98,496
Wasco	37,457	--	--	54,595	40,099	132,151
Wheeler	10,893	--	38	30,713	--	41,644
Total	566,048	2,311	33,598	845,984	43,481	1,491,422
Total Oregon	4,580,210	218,844	951,206	2,839,513	43,481	8,633,254

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 46.—Log production by ownership and county in the State of Oregon, 1962¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	53,860	5,282	35,052	7,363	--	101,557
Clackamas	144,778	212	40,695	251,780	--	437,465
Clatsop	256,003	29,379	--	--	--	285,382
Columbia	44,259	--	--	--	--	44,259
Coos	404,217	31,273	136,461	40,676	--	612,627
Curry	460,807	241	9,041	121,545	--	591,634
Douglas	722,169	32,210	361,342	426,674	--	1,542,395
Hood River	23,289	--	--	65,178	--	88,467
Jackson	262,237	--	79,185	189,016	--	530,438
Josephine	46,062	--	122,401	73,386	--	241,849
Lane	970,655	6,101	178,908	882,800	--	2,038,464
Lincoln	261,151	8,690	14,365	182,016	--	466,222
Linn	396,612	--	54,829	286,904	--	738,345
Marion	11,720	10,018	11,853	94,387	--	127,978
Multnomah	11,369	--	161	29,692	--	41,222
Polk	71,561	623	30,047	724	--	102,955
Tillamook	123,420	75,900	44,896	30,054	--	274,270
Washington	21,049	2,373	4,962	--	--	28,384
Yamhill	8,549	--	27,710	--	--	36,259
Total	4,293,767	202,302	1,151,908	2,682,195	--	8,330,172
Eastern Oregon:						
Baker	6,998	--	6,268	63,023	--	76,289
Crook	14,464	--	2,636	105,823	--	122,923
Deschutes	11,640	--	1,723	64,628	--	77,991
Gilliam	--	--	--	--	--	--
Grant	40,210	--	1,909	143,487	--	185,606
Harney	--	--	15	53,607	--	53,622
Jefferson	2,466	--	--	47,294	11,882	61,642
Klamath	145,464	--	7,883	112,778	--	266,125
Lake	78,701	--	--	100,045	--	178,746
Malheur	--	--	--	--	--	--
Morrow	25,315	--	--	22,256	--	47,571
Sherman	--	--	--	--	--	--
Umatilla	118,862	--	--	35,738	--	154,600
Union	37,773	--	--	72,439	12,604	122,816
Wallowa	59,046	--	471	29,211	--	88,728
Wasco	26,557	1,477	5	45,261	32,253	105,553
Wheeler	12,223	--	5	16,799	--	29,027
Total	579,719	1,477	20,915	912,389	56,739	1,571,239
Total Oregon	4,873,486	203,779	1,172,823	3,594,584	56,739	9,901,411

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 47.—Log production by ownership and county in the State of Oregon, 1963¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	55,384	10,712	42,830	48,159	--	157,085
Clackamas	124,837	3,026	24,815	256,246	--	408,924
Clatsop	237,538	49,996	--	--	--	287,534
Columbia	114,285	1,429	1,622	--	--	117,336
Coos	406,519	33,962	205,527	66,144	--	712,152
Curry	385,387	10,765	58,238	129,511	--	583,901
Douglas	605,094	14,273	426,632	452,504	--	1,498,503
Hood River	22,395	350	--	41,400	--	64,145
Jackson	189,501	32	97,554	240,314	--	527,401
Josephine	22,680	2,683	85,019	102,836	--	213,218
Lane	705,382	8,646	296,071	846,228	--	1,856,327
Lincoln	342,748	3,465	9,551	161,135	--	516,899
Linn	456,809	756	75,250	207,483	--	740,298
Marion	12,462	28,794	16,173	104,526	--	161,955
Multnomah	5,987	--	437	28,365	--	34,789
Polk	122,017	3,547	56,095	3,259	--	184,918
Tillamook	118,194	77,144	19,526	64,333	--	279,197
Washington	27,011	2,585	1,002	--	--	30,598
Yamhill	13,030	75	11,383	241	--	24,729
Total	3,967,260	252,240	1,427,725	2,752,684	--	8,399,909
Eastern Oregon:						
Baker	3,194	--	821	65,484	--	69,499
Crook	2,418	--	1,231	97,370	--	101,019
Deschutes	10,857	--	229	52,965	--	64,051
Gilliam	--	--	--	--	--	--
Grant	53,516	4,173	4,059	229,194	--	290,942
Harney	2,140	--	1,757	26,001	--	29,898
Jefferson	6,389	--	234	26,322	51,252	84,197
Klamath	134,450	--	14,193	143,701	--	292,344
Lake	74,889	--	--	109,889	--	184,778
Malheur	--	--	--	107	--	107
Morrow	19,127	--	--	5,778	--	24,905
Sherman	--	--	--	--	--	--
Umatilla	52,984	--	--	53,928	5,493	112,405
Union	44,973	294	--	77,254	--	122,521
Wallowa	67,835	--	191	78,859	--	146,885
Wasco	36,921	1,498	147	60,669	19,301	118,536
Wheeler	14,604	--	96	6,848	--	21,548
Total	524,297	5,965	22,958	1,034,369	76,046	1,663,635
Total Oregon	4,491,557	258,205	1,450,683	3,787,053	76,046	10,063,544

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 48.—Log production by ownership and county in the State of Oregon, 1964¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/ 3/}	Bureau of Land Management ^{4/}	National Forest ^{5/}	Indian ^{6/}	Total
Western Oregon:						
Benton	45,517	5,301	75,312	25,950	--	152,080
Clackamas	126,267	4,416	23,520	248,642	--	402,845
Clatsop	308,786	42,780	--	--	--	351,566
Columbia	141,862	2,156	2,209	--	--	146,227
Coos	431,666	65,342	274,201	87,387	--	858,596
Curry	312,988	--	26,020	134,580	--	473,588
Douglas	775,874	45,900	466,306	573,687	--	1,861,767
Hood River	15,992	--	--	41,159	--	57,151
Jackson	225,601	664	120,620	198,552	--	545,437
Josephine	18,907	19	110,711	82,438	--	212,075
Lane	729,922	8,275	336,078	894,387	--	1,968,662
Lincoln	388,028	11,683	10,807	153,530	--	564,048
Linn	406,686	5,804	130,695	196,500	--	739,685
Marion	21,590	10,558	17,001	98,491	--	147,640
Multnomah	6,438	--	--	49,487	--	55,925
Polk	79,992	6,203	59,888	5,673	--	151,756
Tillamook	113,874	74,192	30,756	66,023	--	284,845
Washington	15,702	2,199	5,467	--	--	23,368
Yamhill	21,490	6,600	25,691	--	--	53,781
Total	4,187,182	292,092	1,715,282	2,856,486	--	9,051,042
Eastern Oregon:						
Baker	6,690	12	291	111,387	--	118,380
Crook	15,501	--	--	95,123	--	110,624
Deschutes	26,730	--	--	94,588	--	121,318
Gilliam	--	--	--	--	--	--
Grant	66,490	--	1,328	219,243	--	287,061
Harney	--	--	75	62,060	--	62,135
Jefferson	128	--	--	20,330	78,379	98,837
Klamath	134,126	969	21,324	153,759	--	310,178
Lake	107,864	--	--	169,060	--	276,924
Malheur	--	--	--	--	--	--
Morrow	26,768	--	--	4,815	--	31,583
Sherman	--	--	--	--	--	--
Umatilla	49,750	93	--	29,853	1,777	81,473
Union	54,407	--	--	50,611	--	105,018
Wallowa	43,760	--	79	59,492	--	103,331
Wasco	22,500	--	1,187	61,525	16,697	101,909
Wheeler	28,383	1,576	65	7,383	--	37,407
Total	583,097	2,650	24,349	1,139,229	96,853	1,846,178
Total Oregon	4,770,279	294,742	1,739,631	3,995,715	96,853	10,897,220

^{1/} Includes volume removed as logs but not volume for poles, piling, and woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Includes small volume from county and municipal lands.

^{4/} Based on Timber Sale Summary for BLM.

^{5/} Compiled by U.S. Forest Service.

^{6/} Compiled by U.S. Bureau of Indian Affairs.

Table 49.—Log production by ownership and county in the State of Oregon, 1965¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other public ^{2/}	Other Federal ^{2/}	Total
Western Oregon:								
Benton	69,393	11,621	56,663	6,759	--	--	--	144,436
Clackamas	139,050	604	19,425	313,337	--	--	--	472,416
Clatsop	349,713	37,940	--	--	--	169	--	387,822
Columbia	121,180	2,432	80	--	--	151	--	123,843
Coos	466,103	73,549	166,321	75,558	--	1,728	--	783,259
Curry	260,462	2,237	39,677	116,596	--	1,509	--	420,481
Douglas	856,152	38,158	404,448	637,658	--	--	--	1,936,416
Hood River	17,931	54	--	48,884	--	2,112	--	68,981
Jackson	201,461	2,716	137,148	175,256	--	--	--	516,581
Josephine	15,870	1,097	79,410	69,161	--	1,316	--	166,854
Lane	552,539	25,097	203,346	1,034,640	--	594	2,121	1,818,337
Lincoln	349,718	10,433	10,909	157,514	--	1,690	--	530,264
Linn	482,871	4,158	68,471	284,973	--	--	1,532	842,005
Marion	12,208	7,785	13,796	117,803	--	--	--	151,592
Multnomah	10,258	--	18	42,849	--	--	--	53,125
Polk	62,127	17,215	47,856	4,345	--	--	--	131,543
Tillamook	148,396	52,202	27,677	51,539	--	966	--	280,780
Washington	27,093	2,338	6,223	--	--	--	--	35,654
Yamhill	23,205	--	22,858	724	--	--	--	46,787
Total	4,165,730	289,636	1,304,326	3,137,596	--	10,235	3,653	8,911,176
Eastern Oregon:								
Baker	1,232	--	73	115,346	--	--	--	116,651
Crook	6,977	--	1,849	64,307	--	--	--	73,133
Deschutes	24,460	25	136	115,881	--	--	--	140,502
Gilliam	--	--	--	--	--	--	--	--
Grant	30,675	--	1,299	238,717	--	--	--	270,691
Harney	--	--	536	82,925	--	--	--	83,461
Jefferson	--	--	--	54,142	53,302	--	--	107,444
Klamath	237,650	3,094	8,291	198,164	--	--	--	447,199
Lake	63,597	34	--	121,017	--	--	--	184,648
Malheur	--	--	--	1,284	--	--	--	1,284
Morrow	17,082	--	--	12,091	--	--	--	29,173
Sherman	--	--	--	--	--	--	--	--
Umatilla	65,317	910	--	33,491	280	--	--	99,998
Union	58,524	--	--	73,616	--	--	--	132,140
Wallowa	72,137	--	--	66,233	--	--	--	138,370
Wasco	22,090	8,774	197	57,459	25,457	--	--	113,977
Wheeler	23,254	1,990	--	29,853	--	--	--	55,097
Total	622,995	14,827	12,381	1,264,526	79,039	--	--	1,993,768
Total Oregon	4,788,725	304,463	1,316,707	4,402,122	79,039	10,235	3,653	10,904,944

^{1/} Includes volume removed as logs, poles, and piling but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

Table 50.—Log production by ownership and county in the State of Oregon, 1966¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other ^{2/} public	Other Federal ^{2/}	Total
Western Oregon:								
Benton	58,992	13,183	56,414	22,812	--	19	--	151,420
Clackamas	149,704	--	34,693	316,355	--	1,569	--	502,321
Clatsop	287,604	28,766	--	--	--	--	--	316,370
Columbia	115,982	1,179	896	--	--	1,460	--	119,517
Coos	459,415	54,259	139,180	84,852	--	954	4,828	743,488
Curry	255,860	706	22,275	146,651	--	2,506	--	427,998
Douglas	816,730	38,010	403,518	476,403	--	--	--	1,734,661
Hood River	47,752	--	--	37,055	--	15,932	--	100,739
Jackson	252,459	--	144,045	140,253	--	--	--	536,757
Josephine	9,587	2,553	79,201	73,627	--	2,954	--	167,922
Lane	650,688	8,153	166,065	837,537	--	139	338	1,662,920
Lincoln	344,058	391	19,159	146,530	--	5,733	--	515,871
Linn	537,978	4,357	82,023	192,758	--	--	1,750	818,866
Marion	16,626	10,985	9,750	67,230	--	--	--	104,591
Multnomah	5,188	--	24	43,452	--	--	--	48,664
Polk	66,205	5,660	43,868	604	--	--	--	116,337
Tillamook	119,405	49,418	29,817	42,486	--	11,177	--	252,303
Washington	28,635	--	4,952	--	--	--	--	33,587
Yamhill	22,484	--	39,726	1,931	--	--	--	64,141
Total	4,245,352	217,620	1,275,606	2,630,536	--	42,443	6,916	8,418,473
Eastern Oregon:								
Baker	375	--	18	122,943	--	--	--	123,336
Crook	3,565	--	3,470	75,114	--	--	--	82,149
Deschutes	43,635	--	111	93,732	--	--	--	137,478
Gilliam	--	--	--	--	--	--	--	--
Grant	51,041	--	7,438	167,241	--	--	--	225,720
Harney	--	--	1,388	75,007	--	--	--	76,395
Jefferson	2,033	--	--	17,548	22,241	--	--	41,822
Klamath	234,088	1,605	27,709	190,888	--	--	--	454,290
Lake	97,070	--	--	179,439	--	--	--	276,509
Malheur	--	--	--	2,675	--	--	--	2,675
Morrow	22,497	--	--	22,791	--	--	--	45,288
Sherman	--	--	--	--	--	--	--	--
Umatilla	70,344	--	3,959	43,763	2,522	--	--	120,588
Union	48,807	--	--	47,187	--	--	--	95,994
Wallowa	48,716	--	48	59,599	--	--	--	108,363
Wasco	10,367	2,140	1,397	59,171	39,695	--	--	112,770
Wheeler	15,988	303	--	9,095	--	--	--	25,386
Total	648,526	4,048	45,538	1,166,193	64,458	--	--	1,928,763
Total Oregon	4,893,878	221,668	1,321,144	3,796,729	64,458	42,443	6,916	10,347,236

^{1/} Includes volume removed as logs, poles, and piling but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

Table 51.—Log production by ownership and county in the State of Oregon, 1967¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other public ^{2/}	Other Federal ^{2/}	Total
Western Oregon:								
Benton	40,606	4,566	53,322	20,157	--	--	--	118,651
Clackamas	128,453	604	26,105	274,472	--	--	--	429,634
Clatsop	259,830	33,853	--	--	--	830	--	294,513
Columbia	112,393	4,798	97	--	--	935	--	118,223
Coos	357,102	31,459	92,039	86,663	--	1,306	--	568,569
Curry	259,451	286	20,874	173,084	--	606	--	454,301
Douglas	858,191	30,607	426,986	402,052	--	181	--	1,718,017
Hood River	8,594	330	--	38,262	--	4,817	--	52,003
Jackson	186,116	--	102,526	217,501	--	--	--	506,143
Josephine	8,224	30	95,629	71,334	--	2,371	--	177,588
Lane	741,879	4,810	120,887	690,525	--	450	--	1,558,551
Lincoln	331,672	279	10,470	160,893	--	513	--	503,827
Linn	508,091	1,890	56,010	195,655	--	--	--	761,646
Marion	19,877	2,845	9,162	51,418	--	--	--	83,302
Multnomah	2,403	--	--	24,502	--	--	--	26,905
Polk	44,356	1,873	20,828	6,518	--	--	--	73,575
Tillamook	148,138	33,640	61,823	51,539	--	2,080	--	297,220
Washington	16,944	83	3,197	--	--	--	--	20,224
Yamhill	28,589	--	31,241	6,035	--	3,250	--	69,115
Total	4,060,909	151,953	1,131,196	2,470,610	--	17,339	--	7,832,007
Eastern Oregon:								
Baker	2,939	--	470	99,510	--	--	--	102,919
Crook	11,768	--	--	87,526	--	--	--	99,294
Deschutes	52,402	--	1,405	96,728	--	--	--	150,535
Gilliam	--	--	--	--	--	--	--	--
Grant	78,218	--	9,275	191,316	--	--	--	278,809
Harney	214	--	1,960	74,365	--	--	--	76,539
Jefferson	7,604	--	--	28,355	18,010	--	--	53,969
Klamath	134,086	11	10,978	154,936	--	--	--	300,011
Lake	36,682	--	2	218,494	--	--	--	255,178
Malheur	161	--	--	--	--	--	--	161
Morrow	29,036	193	--	10,486	--	--	--	39,715
Sherman	--	--	--	--	--	--	--	--
Umatilla	19,928	--	199	48,150	263	--	--	68,540
Union	56,471	--	4,660	58,529	--	--	--	119,660
Wallowa	59,837	--	274	81,534	--	--	--	141,645
Wasco	257	--	--	57,887	99,116	--	--	157,260
Wheeler	11,598	1,251	--	5,457	--	--	--	18,306
Total	501,201	1,455	29,223	1,213,273	117,389	--	--	1,862,541
Total Oregon	4,562,110	153,408	1,160,419	3,683,883	117,389	17,339	--	9,694,548

^{1/} Includes volume removed as logs, poles, and piling but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

Table 52.—Log production by ownership and county in the State of Oregon, 1968¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other public ^{2/}	Other Federal ^{2/}	Total
Western Oregon:								
Benton	40,541	2,913	50,063	22,422	--	--	--	115,939
Clackamas	170,144	--	52,135	281,693	--	--	3,879	507,851
Clatsop	413,932	45,538	--	--	--	45	--	459,515
Columbia	129,028	894	1,015	--	--	817	--	131,754
Coos	254,089	19,238	142,045	24,228	--	242	--	439,842
Curry	238,438	104	41,185	195,438	--	3,814	--	478,979
Douglas	980,415	22,339	586,688	571,189	--	76	--	2,160,707
Hood River	14,750	--	--	26,729	--	2,444	--	43,923
Jackson	288,329	4,138	140,887	213,372	--	--	--	646,726
Josephine	14,469	724	83,561	68,859	--	1,208	--	168,821
Lane	789,761	8,177	185,314	901,105	--	66	604	1,885,027
Lincoln	363,302	5,788	22,124	152,713	--	--	--	543,927
Linn	511,957	4,349	73,017	248,125	--	--	42	837,490
Marion	34,345	13,081	4,278	117,419	--	--	1,132	170,255
Multnomah	4,529	--	--	79,223	--	--	--	83,752
Polk	75,917	2,427	34,630	1,114	--	--	--	114,088
Tillamook	136,059	61,543	56,081	56,913	--	217	--	310,813
Washington	30,368	--	2,183	--	--	5,070	--	37,621
Yamhill	18,566	--	44,727	7,560	--	--	--	70,853
Total	4,508,939	191,253	1,519,933	2,968,102	--	13,999	5,657	9,207,883
Eastern Oregon:								
Baker	5,002	--	3,120	110,260	--	--	--	118,382
Crook	11,279	342	--	90,620	--	--	--	102,241
Deschutes	9,553	--	2,703	61,880	--	--	--	74,136
Gilliam	428	--	--	--	--	--	--	428
Grant	19,013	--	5,722	228,802	--	--	--	253,537
Harney	3,403	--	618	64,228	--	--	--	68,249
Jefferson	11,048	--	55	51,430	49,020	--	--	111,553
Klamath	180,161	2,728	21,668	221,828	--	--	--	426,385
Lake	263,817	--	--	160,043	--	--	--	423,860
Malheur	--	--	122	3	--	--	--	125
Morrow	22,229	--	--	2,631	--	--	--	24,860
Sherman	--	--	--	--	--	--	--	--
Umatilla	23,265	--	155	54,211	748	--	--	78,379
Union	31,674	--	1,039	53,502	--	--	--	86,215
Wallowa	56,526	--	2,349	105,771	--	--	--	164,646
Wasco	4,500	--	1,248	30,358	56,984	--	--	93,090
Wheeler	19,166	--	3,260	29,759	--	--	--	52,185
Total	661,064	3,070	42,059	1,265,326	106,752	--	--	2,078,271
Total Oregon	5,170,003	194,323	1,561,992	4,233,428	106,752	13,999	5,657	11,286,154

^{1/} Includes volume removed as logs, poles, and piling but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

Table 53.—Log production by ownership and county in the State of Oregon, 1969¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other public ^{2/}	Other Federal ^{2/}	Total
Western Oregon:								
Benton	45,065	15,661	44,644	6,291	--	--	--	111,661
Clackamas	183,320	814	35,960	327,952	--	8,087	--	556,133
Clatsop	303,494	29,552	--	--	--	1,759	--	334,805
Columbia	120,272	547	--	--	--	--	--	120,819
Coos	208,729	49,249	144,193	27,838	--	845	--	430,854
Curry	314,399	--	27,975	143,410	--	--	--	485,784
Douglas	1,040,916	41,911	381,334	500,501	--	941	--	1,965,603
Hood River	4,547	--	--	35,621	--	2,467	--	42,635
Jackson	271,387	--	118,699	139,936	--	--	--	530,022
Josephine	22,054	5,025	72,642	60,560	--	2,590	--	162,871
Lane	587,442	2,716	226,413	903,263	--	483	--	1,720,317
Lincoln	266,175	11,372	16,040	121,979	--	163	48	415,777
Linn	448,770	1,477	91,510	252,430	--	--	--	794,187
Marion	38,024	6,080	8,921	88,221	--	5	--	141,251
Multnomah	1,347	--	--	41,944	--	8,449	--	51,740
Polk	82,399	5,646	27,880	--	--	--	--	115,925
Tillamook	173,818	59,501	22,208	41,728	--	1,002	--	298,257
Washington	47,176	748	637	--	--	--	--	48,561
Yamhill	23,679	--	33,967	4,052	--	1,328	--	63,026
Total	4,183,013	230,299	1,253,023	2,695,726	--	28,119	48	8,390,228
Eastern Oregon:								
Baker	11,520	--	858	97,374	--	--	--	109,752
Crook	10,389	--	--	80,247	--	--	--	90,636
Deschutes	12,530	--	541	84,868	--	1	--	97,940
Gilliam	2,632	--	--	--	--	--	--	2,632
Grant	52,400	--	4,795	203,366	--	--	--	260,561
Harney	4,312	--	3,788	58,388	--	--	--	66,488
Jefferson	39,281	--	--	53,446	43,557	--	--	136,284
Klamath	280,035	8,438	16,587	211,445	--	--	--	516,505
Lake	205,318	--	3	139,095	--	--	--	344,416
Malheur	--	--	379	--	--	--	--	379
Morrow	9,564	--	--	1,005	--	--	--	10,569
Sherman	--	--	--	--	--	--	--	--
Umatilla	40,481	--	--	56,696	28	--	--	97,205
Union	28,841	931	873	80,308	--	--	--	110,953
Wallowa	36,903	--	345	138,975	--	--	--	176,223
Wasco	4,367	--	--	78,177	54,750	--	--	137,294
Wheeler	10,021	--	--	33,680	--	--	--	43,701
Total	748,594	9,369	28,169	1,317,070	98,335	1	--	2,201,538
Total Oregon	4,931,607	239,668	1,281,192	4,012,796	98,335	28,120	48	10,591,766

^{1/} Includes volume removed as logs, poles, and piling, but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

Table 54.—Log production by ownership and county in the State of Oregon, 1970¹

(Thousand board feet, International 1/4-inch scale)

State and county	Private ^{2/}	State ^{2/}	Bureau of Land Management ^{3/}	National Forest ^{4/}	Indian ^{5/}	Other public ^{2/}	Other Federal ^{2/}	Total
Western Oregon:								
Benton	63,137	10,578	52,838	34,336	--	--	--	160,889
Clackamas	139,154	--	33,346	219,637	--	--	--	392,137
Clatsop	339,838	26,183	--	--	--	--	--	366,021
Columbia	115,020	634	189	--	--	--	--	115,843
Coos	405,110	45,252	159,081	30,886	--	1,360	--	641,689
Curry	182,757	3,596	23,779	120,123	--	1,177	--	331,432
Douglas	838,406	21,861	361,356	407,125	--	1,347	--	1,630,095
Hood River	9,208	--	--	33,762	--	1,497	--	44,467
Jackson	195,491	--	70,567	102,383	--	--	1,569	370,010
Josephine	12,164	--	49,365	73,666	--	4,331	--	139,526
Lane	719,021	6,333	138,437	668,251	--	--	--	1,532,042
Lincoln	187,390	10,692	15,415	57,902	--	--	--	271,399
Linn	400,029	1,537	50,448	259,833	--	--	--	711,847
Marion	27,841	9,661	12,822	90,278	--	--	--	140,602
Multnomah	1,654	--	--	62,198	--	--	--	63,852
Polk	58,816	541	41,244	--	--	--	--	100,601
Tillamook	142,444	38,138	43,823	26,672	--	36	--	251,113
Washington	21,936	2,729	--	--	--	--	--	24,665
Yamhill	17,932	--	23,977	2,512	--	181	--	44,602
Total	3,877,348	177,735	1,076,687	2,189,564	--	9,929	1,569	7,332,832
Eastern Oregon:								
Baker	4,287	--	1,187	65,676	--	--	--	71,150
Crook	14,230	--	9,273	85,637	--	--	--	109,140
Deschutes	26,129	--	--	73,321	--	--	--	99,450
Gilliam	--	--	--	--	--	--	--	--
Grant	46,604	--	4,472	199,980	--	--	--	251,056
Harney	3,940	--	140	60,334	--	--	--	64,414
Jefferson	41,370	--	--	35,113	33,089	--	--	109,572
Klamath	245,189	799	7,134	207,201	--	--	--	460,323
Lake	176,886	--	--	100,559	--	--	--	277,445
Malheur	--	--	--	4	--	--	--	4
Morrow	17,426	--	1,105	11,933	--	--	--	30,464
Sherman	--	--	--	--	--	--	--	--
Umatilla	27,685	--	269	19,397	891	--	--	48,242
Union	58,244	1,766	108	79,282	--	--	--	139,400
Wallowa	38,420	--	92	60,604	--	--	--	99,116
Wasco	5,001	--	1,087	54,533	50,032	--	--	110,653
Wheeler	3,029	--	56	35,433	--	--	--	38,518
Total	708,440	2,565	24,923	1,089,007	84,012	--	--	1,908,947
Total Oregon	4,585,788	180,300	1,101,610	3,278,571	84,012	9,929	1,569	9,241,779

^{1/} Includes volume removed as logs, poles, and piling, but not volume removed for woodcutting operations.

^{2/} Compiled by State Forester.

^{3/} Compiled by U.S. Bureau of Land Management.

^{4/} Compiled by U.S. Forest Service, Region 6.

^{5/} Compiled by U.S. Bureau of Indian Affairs.

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