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# The Privately Owned Timber Resources of Western Oregon

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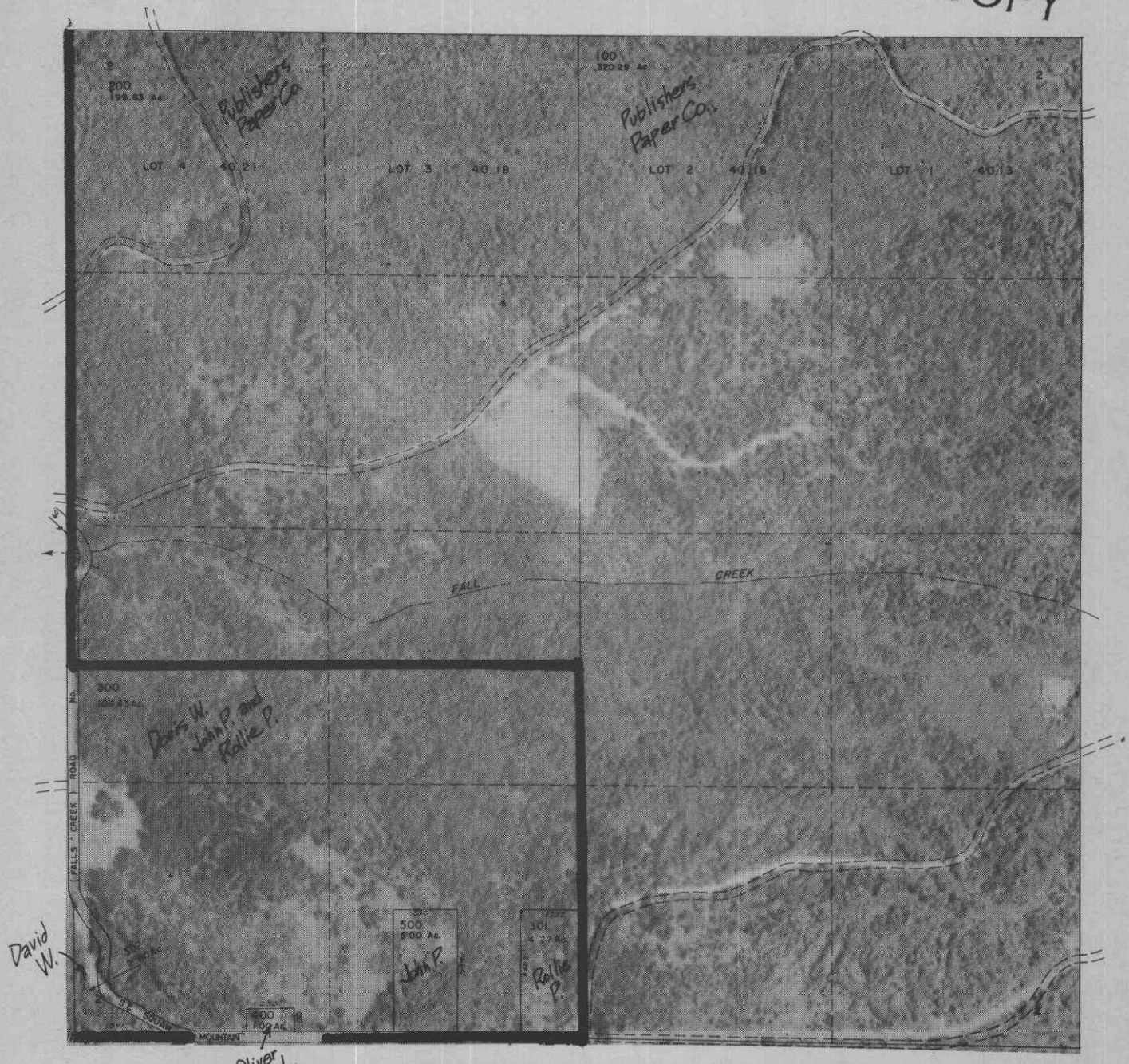


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## Abstract

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Timber resource statistics from a 1973-76 inventory are presented for private timberland in western Oregon. Inventories usually classify private owners as either forest industry or nonindustrial private. For this report, however, the nonindustrial private classification has been further disaggregated into farmer, individual, and corporate owners. For all private owner classes, the statistics are presented by size of the holding.

Keywords: Forest surveys, timberland, timber resources, statistics (forest), ownership (forest), nonindustrial private ownership, western Oregon.

## Summary

Timber resource statistics from a 1973-76 inventory are presented for private timberland in western Oregon. Inventories usually classify private owners as either forest industry or nonindustrial private. For this report, however, the nonindustrial private classification has been further disaggregated into farmer, individual, and corporate owners. For all private owner classes, the statistics are presented by size of holding.

In western Oregon, 61 percent of all private timberland is owned by forest industry, 17 percent by farmers, 16 percent by individuals, and 6 percent by corporations. Of the timberland owned by forest industry, 96 percent is in holdings of more than 5,000 acres; 84 percent of the farmer-owned timberland is in holdings of 11-1,000 acres; and 94 percent of individual holdings are less than 1,000 acres — with 17 percent less than 10 acres. The size of corporate holdings encompasses a wide range, with 47 percent more than 5,000 acres. Site productivity frequently does not increase with size of holding; an exception is forest industry whose larger holdings have the greater proportion of high-site timberland.

## Preface

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

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## Tables

## Introduction

This report presents statistics for private timberland from a 1973-76 inventory of western Oregon (for area inventoried, see figure 1; for owner classes, see figure 2). It differs from previous reports on this inventory (Bassett 1977, Gedney 1982, Jacobs 1978, Mei 1979) in that the ownership classification of nonindustrial private is disaggregated into farmer, individual, and corporate owners. For all private owner classes, including forest industry, the statistics are presented by size of holding.

Field data for all private timberland were collected by the Portland work unit of Forest Inventory and Analysis (FIA), Pacific Northwest Forest and Range Experiment Station. The statistical tables presented in this report follow the same general format as that used in the publications previously referenced. Limitations in the reliability of data result in presentation of only selected tables.

The Forest Service has traditionally inventoried private timberland by two ownership classes: forest industry and nonindustrial private. The selection of which private owner classes to inventory is important because each class is treated as homogeneous and portraying a common attitude toward management and use of timberland. Although it is commonly agreed that forest industry has generally similar objectives, nonindustrial private is a catchall class that includes all other private owners: some are interested in timber management, but others may own timberland simply for recreational or esthetic enjoyment. In this report, the traditional nonindustrial private classification is disaggregated into farmer, individual, and corporate owners. These classes were selected prior to the inventory of western Oregon because they appeared to represent owners who hold timberland for different reasons. In another report,[1] these ownership classes are examined to assess the owners' apparent attitude toward management of their timberland for timber production.

Size of timberland holding has long been related to the forest management objectives of the owner. Generally, the smaller the holding, the more the owner is concerned with recreational and esthetic values; the larger the holding, the more the owner is concerned with economic returns through land appreciation or timber harvest. Public and private programs of assistance to nonindustrial timberland owners frequently use size of holding as a requirement for participation. For instance, the Forest Incentives Program in western Oregon is limited to owners of less than 1,000 acres and more than 10 acres.

## The Private Timber Resource

Private owners hold about 46 percent, or 6,222,000 of the 13,667,000 acres of timberland in all ownerships in western Oregon and 28 percent, or 15,807 of the 56.3 billion cubic feet of growing stock in western Oregon.

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[1] Gedney, Donald R. The nonindustrial private ownership in western Oregon. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. (Manuscript in preparation.)

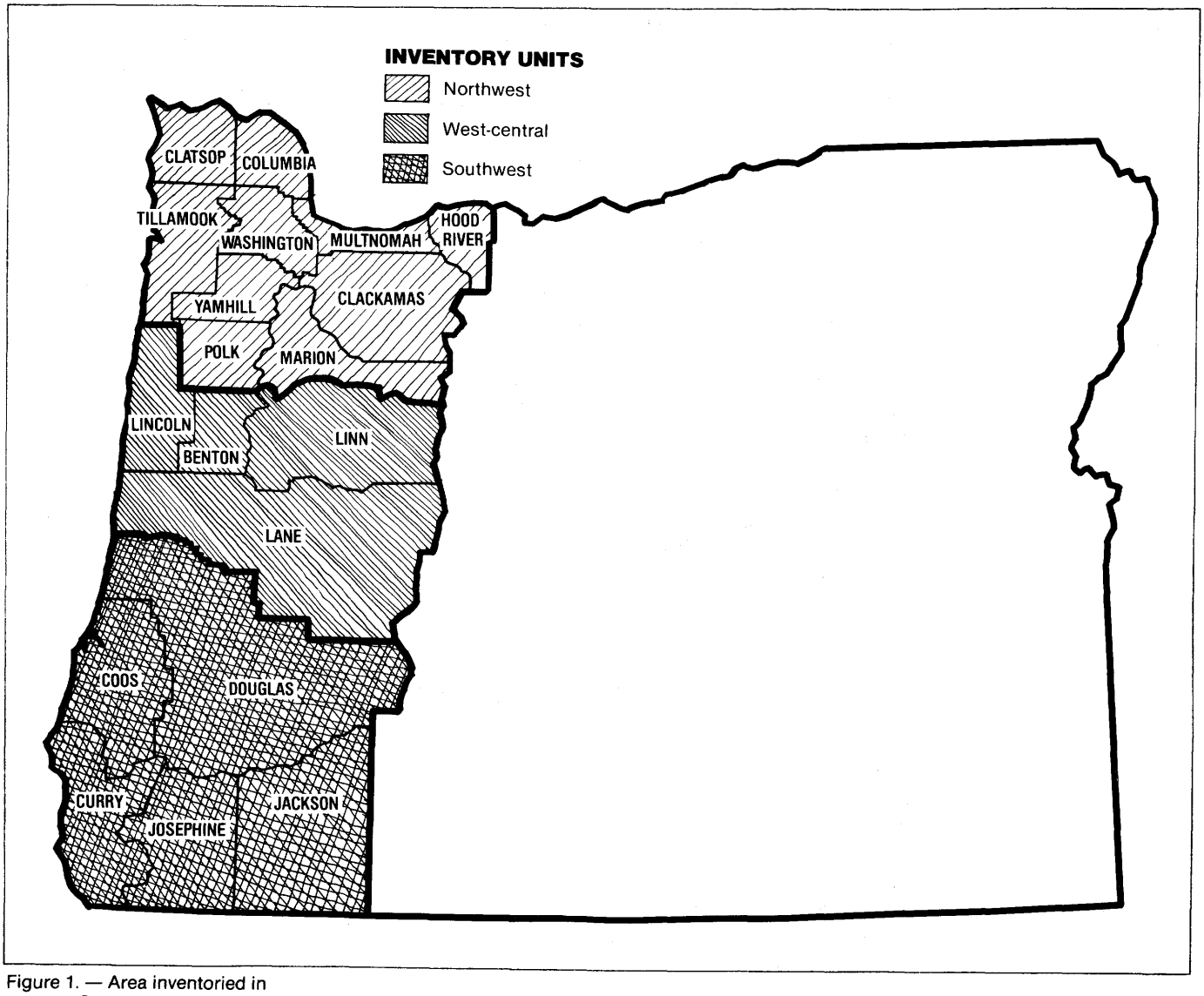


Figure 1. — Area inventoried in western Oregon, 1973-76.

**Forest Industry Owned**

In western Oregon, forest industry owns 61 percent of all private timberland and 67 percent of all private growing stock. Almost all (96 percent) of forest industry timberland is owned by companies with more than 5,000 acres in Oregon, and 72 percent is owned by companies that have more than 100,000 acres.

In general, the larger the size of the timber holding, the more productive the timberland. Almost one-quarter of the forest industry lands in holdings of over 100,000 acres are on sites of high productivity, whereas only about 13 percent of the smaller holdings are on similar sites.

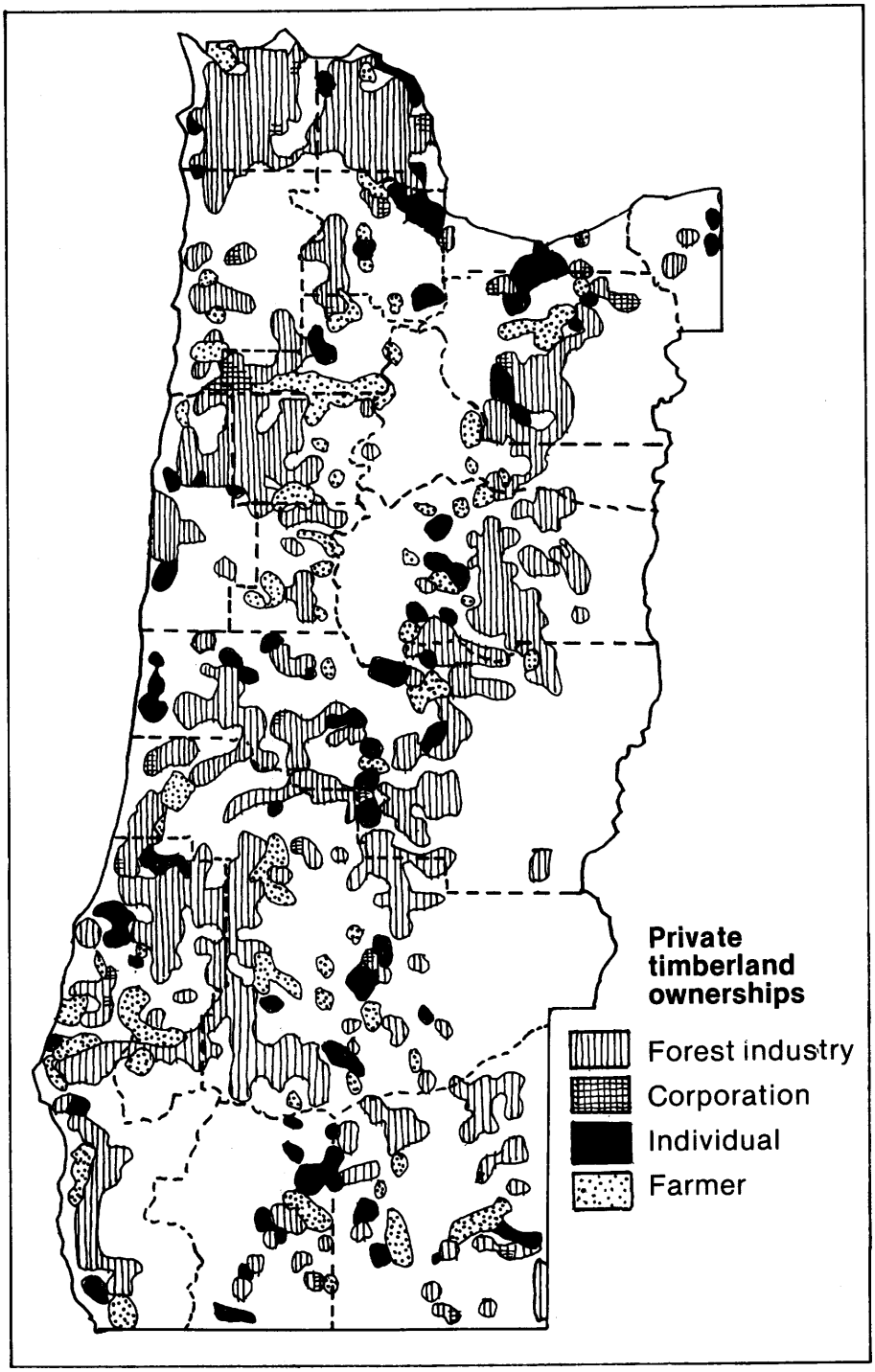


Figure 2. — Private timberland owner classes in western Oregon, 1973-76.

In northwest Oregon, an area of high site productivity, 93 percent of all forest industry-owned timberland is owned by companies having holdings of more than 100,000 acres. In west-central Oregon, which generally has lower site productivity than northwest Oregon, 79 percent of forest industry-owned timberland is owned by firms having more than 100,000 acres. In southwest Oregon, where average site productivity is still lower, 54 percent of forest industry timberland is in holdings of more than 100,000 acres.

### Farmer Owned

In western Oregon, 17 percent of all private timberland and 13 percent of all private growing stock is owned by farmers. Eighty-four percent of farmer-owned timberland is in holdings between 11 and 1,000 acres, 2 percent in holdings of 10 acres or less, and 13 percent in holdings between 1,001 and 5,000 acres in size. Forty-eight percent of farmer-owned timberland is on sites of low productivity, 40 percent on sites of medium productivity, and 11 percent on sites of high productivity. Holdings of 501 to 5,000 acres are 35 percent in medium- to high-productivity timberland, whereas 66 percent of the holdings between 11 and 500 acres are on similar sites.

### Individually Owned

Sixteen percent of all private timberland and 13 percent of all private growing stock is owned by individuals. Timberland owned by individuals is in small holdings, with 94 percent of all holdings 1,000 acres or less in size. This is the only owner class with a substantial proportion (18 percent) in holdings of 10 acres or less in size. The 1- to 10-acre tracts are concentrated in northwest and west-central Oregon.

Forty-seven percent of individually owned timberland is on sites of low productivity, 41 percent medium productivity, and 12 percent high productivity. Productivity varies by size of ownership, with holdings of 500 acres or less having a higher proportion of high-productivity timberland, decreasing with increasing size. This is the opposite of forest industry, where productivity increases with increasing size of holding.

### Corporate Owned

Corporate-owned timberland is 6 percent of all private timberland and contains 7 percent of all private growing stock. Holdings range in size from 10 acres or less to more than 100,000 acres. Not quite half (48 percent) of the corporate-owned timberland is in holdings of more than 5,000 acres.

Fifty-seven percent of all corporate-owned timberland is of medium site productivity, with each size of holding class dominated by sites of medium productivity.

## Inventory Procedures

The general inventory procedure is described in four reports (Gedney 1982, Bassett 1977, Jacobs 1978, and Mei 1979). The sampling design used was double sampling for stratification (Cochran 1963). The 20,400 photo points on private timberland were classified as forest industry or nonindustrial private, by major land class (timberland, other forest, or nonforest), and by stand volume class. Each of the 1,275 field plot locations was visited. Forest industry-owned timberland was identified through maps where available. Other owners were identified from information furnished by the county tax assessors, from records of tree farmers enrolled with the Industrial Forestry Association , and from other local sources. Information by size of holding was obtained from forest industries and from the other sources previously mentioned.

Estimates for farmer, individual, and corporate owners were based on proportioning of the field plots in the nonindustrial private stratum.

## Reliability of Inventory Data

All area and volume statistics reported are based on sampling and are subject to sampling error. Confidence intervals (0.68-probability level) for each estimate are presented in each statistical table.

## Terminology

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

**Corporate-owned timberland** — Timberland owned by companies, individuals identified as tree farmers by the Industrial Forestry Association, and individual owners of large areas, who manage their timberland for commercial timber production.

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

**Farmer-owned timberland** — Timberland owned by companies or individuals who own a farm.

**Forest industry-owned timberland** — Timberland owned by companies or individuals operating wood-using plants.

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

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

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

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

**Individually owned timberland** — Timberland owned by individuals who do not own a farm or a primary wood processing plant.

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

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

**Mean annual increment** — A measure of the productivity of forest land in terms of the average increase in cubic-foot volume per acre per year. For a given species and site index the average is based on the number of years needed for the mean annual increment to culminate in fully stocked stands.

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

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

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

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

**Poletimber stands** — Stands with a mean diameter (weighted by basal area) from 5.0 inches (12.5 cm) to 9.0 inches (22.5 cm) if softwood and from 5.0 inches (12.5 cm) to 11.00 inches (27.5 cm) if hardwood.

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

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

**Site class** — A classification of the potential productivity of forest land in terms of mean annual increment. High site includes timberland having the potential to produce 165 cubic feet or more per acre per year; medium site, 120-164 cubic feet per acre per year; and low site, 20-119 cubic feet per acre per year.

**Size of holding** — A classification of amount of timberland owned. Size classes were arrived at by first identifying owners who owned more than 5,000 acres in Oregon and then identifying owners of lessor holdings on a county-wide basis.

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

**Timberland** — Forest land capable of producing 20 cubic feet per acre (1.4 $m^3$/ha) per year of industrial wood.

## Tables

Table 1 — Area of privately owned timberland by size of holding class and owner, western Oregon, Janaury 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | FOREST INDUSTRY | CORPORATE | INDIVIDUAL | FARMER | ALL OWNERS |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES- | | |
| 1-10 | -- | 4 ± 4 | 173 ± 35 | 21 ± 12 | 198 ± 37 |
| 11-100 | -- | 33 ± 16 | 292 ± 46 | 268 ± 39 | 593 ± 57 |
| 101-500 | -- | 58 ± 26 | 227 ± 39 | 291 ± 48 | 577 ± 60 |
| 501-1,000 | 13 ± 9 | 26 ± 13 | 235 ± 38 | 349 ± 44 | 623 ± 52 |
| 1,001-5,000 | 144 ± 36 | 79 ± 23 | 58 ± 21 | 140 ± 36 | 421 ± 59 |
| 5,001-50,000 | 769 ± 67 | 66 ± 23 | -- | 7 ± 7 | 842 ± 69 |
| 50,001-100,000 | 138 ± 29 | 49 ± 19 | -- | -- | 187 ± 35 |
| 100,001-500,000 | 1,553 ± 82 | 66 ± 19 | -- | -- | 1,619 ± 84 |
| 500,001 OR MORE | 1,163 ± 74 | -- | -- | -- | 1,163 ± 74 |
| ALL CLASSES | 3,780 ± 49 | 380 ± 52 | 984 ± 67 | 1,078 ± 68 | 6,222 ± 56 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 2 — Area of privately owned timberland by size of holding class and site class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SITE CLASS 3/ (CUBIC FEET) | | | |
|---|---|---|---|---|
| | LOW | MEDIUM | HIGH | ALL CLASSES |
| ACRES | | THOUSAND ACRES- | | |
| 1-10 | 79 ± 23 | 93 ± 29 | 26 ± 14 | 198 ± 37 |
| 11-500 | 468 ± 56 | 578 ± 57 | 124 ± 29 | 1,170 ± 65 |
| 501-5,000 | 568 ± 49 | 348 ± 48 | 128 ± 27 | 1,045 ± 66 |
| 5,001-100,000 | 503 ± 59 | 393 ± 54 | 132 ± 34 | 1,029 ± 76 |
| 100,001 OR MORE | 604 ± 64 | 1,534 ± 91 | 643 ± 59 | 2,781 ± 85 |
| ALL CLASSES | 2,222 ± 98 | 2,946 ± 110 | 1,054 ± 78 | 6,222 ± 56 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Capacity for cubic-foot annual growth per acre at culmination of mean annual growth on fully-stocked natural stands.

Table 3 — Area of forest industry-owned timberland by size of holding class and site class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SITE CLASS 3/ (CUBIC FEET) | | | |
|---|---|---|---|---|
| | LOW | MEDIUM | HIGH | ALL CLASSES |
| ACRES | - - - - - - - - - - | THOUSAND ACRES | - - - - - - - - - - | |
| 1-10 | -- | -- | -- | -- |
| 11-500 | -- | -- | -- | -- |
| 501-5,000 | 74 ± 27 | 65 ± 24 | 19 ± 11 | 158 ± 38 |
| 5,001-100,000 | 462 ± 58 | 328 ± 50 | 118 ± 32 | 907 ± 71 |
| 100,001 OR MORE | 585 ± 63 | 1,492 ± 90 | 638 ± 59 | 2,715 ± 83 |
| ALL CLASSES | 1,120 ± 75 | 1,885 ± 92 | 775 ± 67 | 3,780 ± 49 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Capacity for cubic-foot annual growth per acre at culmination of mean annual growth on fully-stocked natural stands.

Table 4 — Area of corporate-owned timberland by size of holding class and site class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SITE CLASS 3/ (CUBIC FEET) | | | |
|---|---|---|---|---|
| | LOW | MEDIUM | HIGH | ALL CLASSES |
| ACRES | - - - - - - - - | THOUSAND ACRES | - - - - - - - - - | |
| 1-10 | 4 ± 4 | -- | -- | 4 ± 4 |
| 11-500 | 36 ± 16 | 50 ± 25 | 5 ± 5 | 91 ± 30 |
| 501-5,000 | 18 ± 9 | 69 ± 23 | 18 ± 11 | 105 ± 27 |
| 5,001-100,000 | 42 ± 18 | 58 ± 21 | 15 ± 11 | 114 ± 29 |
| 100,001 OR MORE | 19 ± 14 | 42 ± 15 | 5 ± 5 | 66 ± 19 |
| ALL CLASSES | 119 ± 30 | 218 ± 42 | 43 ± 17 | 380 ± 52 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Capacity for cubic-foot annual growth per acre at culmination of mean annual growth on fully-stocked natural stands.

Table 5 — Area of individually owned timberland by size of holding class and site class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SITE CLASS 3/ (CUBIC FEET) | | | |
|---|---|---|---|---|
| | LOW | MEDIUM | HIGH | ALL CLASSES |
| ACRES | - - - - - - - - - -THOUSAND ACRES - - - - - - - - - - | | | |
| 1-10 | 61 ± 21 | 85 ± 28 | 26 ± 14 | 173 ± 35 |
| 11-500 | 241 ± 42 | 203 ± 34 | 75 ± 24 | 519 ± 55 |
| 501-5,000 | 159 ± 32 | 117 ± 27 | 16 ± 11 | 293 ± 42 |
| 5,001-100,000 | -- | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- | -- |
| ALL CLASSES | 461 ± 51 | 405 ± 49 | 118 ± 30 | 984 ± 67 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Capacity for cubic-foot annual growth per acre at culmination of mean annual growth on fully-stocked natural stands.

Table 6 — Area of farmer-owned timberland by size of holding class and site class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SITE CLASS 3/ (CUBIC FEET) | | | |
|---|---|---|---|---|
| | LOW | MEDIUM | HIGH | ALL CLASSES |
| ACRES | - - - - - - - - -THOUSAND ACRES - - - - - - - - - | | | |
| 1-10 | 14 ± 10 | 7 ± 7 | -- | 21 ± 12 |
| 11-500 | 190 ± 41 | 326 ± 45 | 44 ± 18 | 560 ± 58 |
| 501-5,000 | 318 ± 34 | 98 ± 26 | 74 ± 21 | 490 ± 44 |
| 5,001-100,000 | -- | 7 ± 7 | -- | 7 ± 7 |
| 100,001 OR MORE | -- | -- | -- | -- |
| ALL CLASSES | 522 ± 52 | 438 ± 51 | 118 ± 27 | 1,078 ± 68 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Capacity for cubic-foot annual growth per acre at culmination of mean annual growth on fully-stocked natural stands.

Table 7 — Area of privately owned timberland by size of holding class and stand size class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | LARGE SAWTIMBER [3/] | SMALL SAWTIMBER [3/] | POLETIMBER, SAPLINGS AND SEEDLINGS | NONSTOCKED AREAS | ALL CLASSES |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES- | | |
| 1-10 | 30 ± 16 | 78 ± 20 | 69 ± 26 | 21 ± 12 | 198 ± 37 |
| 11-500 | 94 ± 24 | 498 ± 49 | 383 ± 50 | 195 ± 38 | 1,170 ± 65 |
| 501-5,000 | 100 ± 34 | 397 ± 49 | 436 ± 53 | 112 ± 31 | 1,045 ± 66 |
| 5,001-100,000 | 249 ± 43 | 331 ± 50 | 354 ± 51 | 95 ± 24 | 1,029 ± 76 |
| 100,001 OR MORE | 385 ± 50 | 983 ± 70 | 1,292 ± 73 | 122 ± 28 | 2,781 ± 85 |
| ALL CLASSES | 857 ± 66 | 2,287 ± 97 | 2,534 ± 100 | 545 ± 61 | 6,222 ± 56 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Large sawtimber includes trees 21.0-inch d.b.h. and larger; small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 8 — Area of forest industry-owned timberland by size of holding class and stand size class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | LARGE SAWTIMBER [3/] | SMALL SAWTIMBER [3/] | POLETIMBER, SAPLINGS AND SEEDLINGS | NONSTOCKED AREAS | ALL CLASSES |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES | | |
| 1-11 | -- | -- | -- | -- | -- |
| 11-500 | -- | -- | -- | -- | -- |
| 501-5,000 | 19 ± 17 | 86 ± 25 | 46 ± 20 | 7 ± 5 | 158 ± 38 |
| 5,001-100,000 | 218 ± 40 | 278 ± 47 | 326 ± 50 | 85 ± 23 | 907 ± 71 |
| 100,001 OR MORE | 376 ± 49 | 941 ± 68 | 1,276 ± 72 | 122 ± 28 | 2,715 ± 83 |
| ALL CLASSES | 613 ± 51 | 1,305 ± 76 | 1,649 ± 78 | 214 ± 36 | 3,780 ± 49 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Large sawtimber includes trees 21.0-inch d.b.h. and larger; small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 9 — Area of corporate-owned timberland by size of holding class and stand size class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | LARGE SAWTIMBER [3/] | SMALL SAWTIMBER [3/] | POLETIMBER, SAPLINGS AND SEEDLINGS | NONSTOCKED AREAS | ALL CLASSES |
|---|---|---|---|---|---|
| ACRES | | | THOUSAND ACRES | | |
| 1-10 | 4 ± 4 | -- | -- | -- | 4 ± 4 |
| 11-500 | 9 ± 9 | 25 ± 13 | 58 ± 26 | -- | 91 ± 30 |
| 501-5,000 | 6 ± 6 | 55 ± 20 | 27 ± 12 | 17 ± 11 | 105 ± 27 |
| 5,001-100,000 | 24 ± 13 | 53 ± 20 | 28 ± 11 | 9 ± 7 | 114 ± 29 |
| 100,001 OR MORE | 9 ± 9 | 42 ± 15 | 15 ± 12 | -- | 66 ± 19 |
| ALL CLASSES | 51 ± 19 | 175 ± 34 | 128 ± 33 | 26 ± 13 | 380 ± 52 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Large sawtimber includes trees 21.0-inch d.b.h. and larger; small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 10 — Area of individually owned timberland by size of holding class and stand size class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | LARGE SAWTIMBER [3/] | SMALL SAWTIMBER [3/] | POLETIMBER, SAPLINGS AND SEEDLINGS | NONSTOCKED AREAS | ALL CLASSES |
|---|---|---|---|---|---|
| ACRES | | | THOUSAND ACRES | | |
| 1-10 | 26 ± 15 | 78 ± 20 | 56 ± 24 | 13 ± 9 | 173 ± 35 |
| 11-500 | 39 ± 13 | 255 ± 39 | 160 ± 34 | 64 ± 22 | 519 ± 55 |
| 501-5,000 | 28 ± 14 | 89 ± 23 | 154 ± 33 | 21 ± 12 | 293 ± 42 |
| 5,001-100,000 | -- | -- | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- | -- | -- |
| ALL CLASSES | 93 ± 25 | 423 ± 47 | 370 ± 49 | 98 ± 27 | 984 ± 67 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Large sawtimber includes trees 21.0-inch d.b.h. and larger; small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 11 — Area of farmer-owned timberland by size of holding class and stand size class, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | LARGE SAWTIMBER [3/] | SMALL SAWTIMBER [3/] | POLETIMBER, SAPLINGS AND SEEDLINGS | NONSTOCKED AREAS | ALL CLASSES |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES- | | |
| 1-10 | -- | -- | 14 ± 10 | 8 ± 7 | 21 ± 12 |
| 11-500 | 46 ± 18 | 217 ± 37 | 165 ± 36 | 131 ± 32 | 560 ± 58 |
| 501-5,000 | 47 ± 25 | 167 ± 34 | 209 ± 38 | 67 ± 26 | 490 ± 44 |
| 5,001-100,000 | 7 ± 7 | -- | -- | -- | 7 ± 7 |
| 100,001 OR MORE | -- | -- | -- | -- | -- |
| ALL CLASSES | 101 ± 32 | 384 ± 49 | 387 ± 52 | 206 ± 41 | 1,078 ± 68 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

3/Large sawtimber includes trees 21.0-inch d.b.h. and larger; small sawtimber includes softwood trees 9.0- to 20.9-inch d.b.h. and hardwood trees 11.0- to 20.9-inch d.b.h.

Table 12 — Volume of growing stock on privately owned timberland by size of holding class and owner, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | FOREST INDUSTRY | CORPORATE | INDIVIDUAL | FARMER | ALL OWNERS |
|---|---|---|---|---|---|
| ACRES | | | MILLION CUBIC FEET | | |
| 1-10 | -- | 12 ± 12 | 464 ± 117 | 17 ± 13 | 493 ± 119 |
| 11-100 | -- | 123 ± 58 | 634 ± 118 | 478 ± 100 | 1,235 ± 152 |
| 101-500 | -- | 95 ± 45 | 551 ± 117 | 664 ± 131 | 1,310 ± 167 |
| 501-1,000 | 17 ± 12 | 118 ± 84 | 362 ± 72 | 410 ± 88 | 907 ± 134 |
| 1,001-5,000 | 340 ± 118 | 193 ± 71 | 54 ± 22 | 397 ± 155 | 984 ± 208 |
| 5,001-50,000 | 1,812 ± 268 | 314 ± 213 | -- | 98 ± 98 | 2,224 ± 354 |
| 50,001-100,000 | 596 ± 147 | 105 ± 59 | -- | -- | 700 ± 158 |
| 100,001-500,000 | 4,416 ± 429 | 167 ± 54 | -- | -- | 4,584 ± 432 |
| 500,001 OR MORE | 3,431 ± 370 | -- | -- | -- | 3,431 ± 370 |
| ALL CLASSES | 10,611 ± 453 | 1,126 ± 252 | 2,066 ± 184 | 2,065 ± 239 | 15,867 ± 531 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 13 — Volume of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 325 ± 115 | 31 ± 11 | 356 ± 118 |
| 5,001-100,000 | 2,116 ± 278 | 292 ± 46 | 2,408 ± 299 |
| 100,001 OR MORE | 6,942 ± 492 | 905 ± 91 | 7,847 ± 506 |
| ALL CLASSES | 9,383 ± 448 | 1,229 ± 95 | 10,611 ± 453 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 14 — Volume of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - -MILLION CUBIC FEET- - - - - - | | |
| 1-10 | 9 ± 9 | 3 ± 3 | 12 ± 12 |
| 11-500 | 113 ± 45 | 104 ± 46 | 217 ± 73 |
| 501-5,000 | 245 ± 96 | 66 ± 29 | 311 ± 110 |
| 5,001-100,000 | 355 ± 206 | 63 ± 26 | 418 ± 210 |
| 100,001 OR MORE | 143 ± 48 | 25 ± 11 | 167 ± 54 |
| ALL CLASSES | 866 ± 234 | 260 ± 62 | 1,126 ± 252 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 15 — Volume of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | 386 ± 114 | 78 ± 29 | 464 ± 117 |
| 11-500 | 801 ± 116 | 384 ± 72 | 1,185 ± 153 |
| 501-5,000 | 285 ± 55 | 132 ± 29 | 417 ± 71 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 1,472 ± 154 | 594 ± 79 | 2,066 ± 184 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 16 — Volume of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | 2 ± 1 | 15 ± 13 | 17 ± 13 |
| 11-500 | 748 ± 120 | 395 ± 73 | 1,142 ± 152 |
| 501-5,000 | 598 ± 147 | 209 ± 47 | 808 ± 168 |
| 5,001-100,000 | 88 ± 88 | 10 ± 10 | 98 ± 98 |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 1,436 ± 204 | 629 ± 86 | 2,065 ± 239 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 17 — Net annual growth of growing stock on privately owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | 17,834 ± 4,978 | 2,633 ± 1,185 | 20,467 ± 5,308 |
| 11-500 | 70,170 ± 6,966 | 29,111 ± 5,161 | 99,282 ± 8,993 |
| 501-5,000 | 57,353 ± 7,855 | 16,147 ± 3,135 | 73,500 ± 9,001 |
| 5,001-100,000 | 56,873 ± 8,562 | 12,628 ± 2,875 | 69,501 ± 9,358 |
| 100,001 OR MORE | 224,340 ± 15,601 | 38,828 ± 4,978 | 263,168 ± 16,235 |
| ALL CLASSES | 426,571 ± 18,567 | 99,348 ± 8,165 | 525,919 ± 19,966 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 18 — Net annual growth of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 12,430 ± 5,302 | 1,126 ± 575 | 13,556 ± 5,385 |
| 5,001-100,000 | 49,212 ± 8,198 | 9,300 ± 2,674 | 58,512 ± 8,791 |
| 100,001 OR MORE | 216,402 ± 15,338 | 38,205 ± 4,972 | 254,607 ± 15,957 |
| ALL CLASSES | 278,043 ± 16,507 | 48,631 ± 5,599 | 326,675 ± 17,139 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 19 — Net annual growth of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | 202 ± 202 | 4 ± 4 | 205 ± 205 |
| 11-500 | 7,352 ± 3,877 | 4,887 ± 2,852 | 12,239 ± 4,963 |
| 501-5,000 | 10,003 ± 3,096 | 2,678 ± 1,400 | 12,681 ± 4,078 |
| 5,001-100,000 | 7,202 ± 2,525 | 2,830 ± 1,024 | 10,032 ± 3,274 |
| 100,001 OR MORE | 7,938 ± 2,884 | 623 ± 257 | 8,561 ± 3,025 |
| ALL CLASSES | 32,697 ± 6,132 | 11,022 ± 3,346 | 43,718 ± 7,681 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 20 — Net annual growth of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | 17,405 ± 4,971 | 2,162 ± 1,127 | 19,568 ± 5,285 |
| 11-500 | 29,572 ± 5,106 | 12,629 ± 3,009 | 42,201 ± 6,499 |
| 501-5,000 | 13,924 ± 3,168 | 2,243 ± 988 | 16,167 ± 3,399 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 60,902 ± 7,316 | 17,034 ± 3,345 | 77,936 ± 8,538 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 21 — Net annual growth of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | 228 ± 164 | 467 ± 351 | 694 ± 432 |
| 11-500 | 33,246 ± 5,073 | 11,595 ± 3,356 | 44,842 ± 6,600 |
| 501-5,000 | 20,996 ± 4,419 | 10,101 ± 2,616 | 31,097 ± 5,608 |
| 5,001-100,000 | 459 ± 459 | 498 ± 498 | 957 ± 957 |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 54,929 ± 6,663 | 22,661 ± 4,216 | 77,590 ± 8,490 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 22 — Average annual mortality of growing stock on privately owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ---------- THOUSAND CUBIC FEET ---------- | | |
| 1-10 | 654 ± 346 | 1,426 ± 579 | 2,080 ± 687 |
| 11-500 | 8,252 ± 2,513 | 9,820 ± 2,191 | 18,072 ± 3,356 |
| 501-5,000 | 5,573 ± 1,227 | 4,636 ± 1,091 | 10,209 ± 1,815 |
| 5,001-100,000 | 11,294 ± 2,624 | 3,948 ± 1,232 | 15,242 ± 3,237 |
| 100,001 OR MORE | 27,149 ± 5,608 | 8,326 ± 2,086 | 35,475 ± 6,362 |
| ALL CLASSES | 52,922 ± 6,428 | 28,156 ± 3,339 | 81,077 ± 7,545 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 23 — Average annual mortality of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | THOUSAND CUBIC FEET | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 914 ± 512 | 406 ± 349 | 1,320 ± 620 |
| 5,001-100,000 | 11,214 ± 2,624 | 3,828 ± 1,229 | 15,042 ± 3,236 |
| 100,001 OR MORE | 26,957 ± 5,604 | 8,326 ± 2,086 | 35,283 ± 6,360 |
| ALL CLASSES | 39,085 ± 5,870 | 12,561 ± 2,339 | 51,645 ± 6,717 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 24 — Average annual mortality of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | THOUSAND CUBIC FEET | | |
| 1-10 | -- | 43 ± 43 | 43 ± 43 |
| 11-500 | 302 ± 214 | 1,166 ± 847 | 1,468 ± 874 |
| 501-5,000 | 542 ± 334 | 720 ± 487 | 1,261 ± 603 |
| 5,001-100,000 | 80 ± 80 | 119 ± 84 | 199 ± 116 |
| 100,001 OR MORE | 192 ± 192 | -- | 192 ± 192 |
| ALL CLASSES | 1,115 ± 447 | 2,048 ± 982 | 3,164 ± 1,086 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 25 — Average annual mortality of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/ 2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - - - THOUSAND CUBIC FEET - - - - - - - - | | |
| 1-10 | 654 ± 346 | 1,383 ± 577 | 2,036 ± 685 |
| 11-500 | 5,771 ± 2,426 | 2,797 ± 974 | 8,568 ± 2,646 |
| 501-5,000 | 1,306 ± 516 | 2,003 ± 774 | 3,309 ± 1,065 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 7,730 ± 2,478 | 6,183 ± 1,336 | 13,913 ± 2,869 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 26 — Average annual mortality of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, western Oregon, 1976[1/ 2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - - THOUSAND CUBIC FEET - - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | 2,179 ± 642 | 5,857 ± 1,811 | 8,036 ± 1,958 |
| 501-5,000 | 2,813 ± 947 | 1,507 ± 529 | 4,319 ± 1,249 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 4,991 ± 1,129 | 7,364 ± 1,882 | 12,355 ± 2,296 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 27 — Area of privately owned timberland by size of holding class and owner, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | FOREST INDUSTRY | CORPORATE | INDIVIDUAL | FARMER | ALL OWNERS |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES- | | |
| 1-10 | -- | 4 ± 4 | 77 ± 20 | 21 ± 12 | 102 ± 24 |
| 11-100 | -- | 25 ± 13 | 124 ± 27 | 124 ± 26 | 273 ± 35 |
| 101-500 | -- | 30 ± 15 | 78 ± 22 | 135 ± 30 | 243 ± 35 |
| 501-1,000 | 7 ± 7 | 12 ± 9 | 6 ± 5 | 16 ± 11 | 40 ± 16 |
| 1,001-5,000 | 15 ± 12 | 62 ± 22 | 4 ± 4 | 22 ± 13 | 103 ± 28 |
| 5,001-50,000 | 34 ± 15 | 27 ± 13 | -- | -- | 61 ± 19 |
| 50,001-100,000 | 18 ± 13 | -- | -- | -- | 18 ± 13 |
| 100,001-500,000 | 413 ± 43 | -- | -- | -- | 413 ± 43 |
| 500,001 OR MORE | 556 ± 44 | -- | -- | -- | 556 ± 44 |
| ALL CLASSES | 1,042 ± 34 | 159 ± 33 | 289 ± 35 | 318 ± 35 | 1,809 ± 32 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 28 — Volume of growing stock on privately owned timberland by size of holding class and by softwood and hardwoods, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | | MILLION CUBIC FEET | |
| 1-10 | 133 ± 49 | 53 ± 23 | 186 ± 62 |
| 11-500 | 887 ± 105 | 512 ± 75 | 1,400 ± 131 |
| 501-5,000 | 365 ± 128 | 89 ± 34 | 454 ± 138 |
| 5,001-100,000 | 119 ± 51 | 17 ± 8 | 137 ± 56 |
| 100,001 OR MORE | 2,495 ± 219 | 449 ± 66 | 2,944 ± 227 |
| ALL CLASSES | 4,000 ± 236 | 1,121 ± 103 | 5,121 ± 242 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 29 — Volume of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ----- MILLION CUBIC FEET ----- | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 108 ± 85 | 4 ± 4 | 112 ± 85 |
| 5,001-100,000 | 79 ± 45 | 2 ± 2 | 81 ± 46 |
| 100,001 OR MORE | 2,495 ± 219 | 449 ± 66 | 2,944 ± 227 |
| ALL CLASSES | 2,682 ± 224 | 455 ± 66 | 3,137 ± 229 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 30 — Volume of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ----- MILLION CUBIC FEET ----- | | |
| 1-10 | 9 ± 9 | 3 ± 3 | 12 ± 12 |
| 11-500 | 64 ± 28 | 90 ± 45 | 155 ± 59 |
| 501-5,000 | 186 ± 88 | 49 ± 26 | 234 ± 98 |
| 5,001-100,000 | 41 ± 25 | 16 ± 8 | 56 ± 32 |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 299 ± 95 | 157 ± 53 | 456 ± 118 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 31 — Volume of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ------ MILLION CUBIC FEET ------ | | |
| 1-10 | 122 ± 49 | 35 ± 19 | 157 ± 60 |
| 11-500 | 326 ± 75 | 192 ± 43 | 518 ± 97 |
| 501-5,000 | 27 ± 20 | -- | 27 ± 20 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 475 ± 86 | 227 ± 46 | 701 ± 108 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 32 — Volume of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, northwest Oregon, January 1, 1977[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ------ MILLION CUBIC FEET ------ | | |
| 1-10 | 2 ± 1 | 15 ± 13 | 17 ± 13 |
| 11-500 | 498 ± 106 | 230 ± 57 | 727 ± 133 |
| 501-5,000 | 46 ± 30 | 37 ± 22 | 82 ± 42 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 545 ± 109 | 282 ± 60 | 827 ± 135 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 33 — Area of privately owned timberland by size of holding class and owner, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | FOREST INDUSTRY | CORPORATE | INDIVIDUAL | FARMER | ALL OWNERS |
|---|---|---|---|---|---|
| ACRES | | | -THOUSAND ACRES- | | |
| 1-10 | -- | -- | 63 ± 26 | -- | 63 ± 26 |
| 11-100 | -- | 9 ± 9 | 100 ± 29 | 119 ± 26 | 227 ± 37 |
| 101-500 | -- | 28 ± 21 | 100 ± 27 | 100 ± 31 | 227 ± 40 |
| 501-1,000 | -- | -- | 29 ± 15 | 14 ± 11 | 43 ± 19 |
| 1,001-5,000 | 42 ± 18 | -- | 5 ± 5 | 5 ± 5 | 52 ± 19 |
| 5,001-50,000 | 169 ± 34 | 16 ± 12 | -- | -- | 184 ± 36 |
| 50,001-100,000 | 17 ± 12 | 49 ± 19 | -- | -- | 66 ± 23 |
| 100,001-500,000 | 672 ± 45 | 66 ± 19 | -- | -- | 737 ± 49 |
| 500,001 OR MORE | 198 ± 33 | -- | -- | -- | 198 ± 33 |
| ALL CLASSES | 1,097 ± 21 | 167 ± 36 | 297 ± 40 | 238 ± 40 | 1,798 ± 27 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 34 — Volume of growing stock on privately owned timberland by size of holding class and by softwoods and hardwoods, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | | MILLION CUBIC FEET | |
| 1-10 | 195 ± 94 | 13 ± 12 | 208 ± 97 |
| 11-500 | 594 ± 89 | 307 ± 67 | 901 ± 113 |
| 501-5,000 | 164 ± 63 | 26 ± 13 | 190 ± 66 |
| 5,001-100,000 | 830 ± 254 | 59 ± 21 | 889 ± 257 |
| 100,001 OR MORE | 2,309 ± 274 | 215 ± 45 | 2,524 ± 275 |
| ALL CLASSES | 4,092 ± 319 | 621 ± 79 | 4,713 ± 317 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 35 — Volume of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 108 ± 52 | 9 ± 5 | 117 ± 54 |
| 5,001-100,000 | 534 ± 151 | 43 ± 17 | 577 ± 157 |
| 100,001 OR MORE | 2,166 ± 270 | 191 ± 43 | 2,357 ± 270 |
| ALL CLASSES | 2,808 ± 250 | 243 ± 46 | 3,050 ± 247 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 36 — Volume of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | 49 ± 35 | 14 ± 11 | 63 ± 43 |
| 501-5,000 | -- | -- | -- |
| 5,001-100,000 | 296 ± 204 | 16 ± 11 | 313 ± 204 |
| 100,001 OR MORE | 143 ± 48 | 25 ± 11 | 167 ± 54 |
| ALL CLASSES | 488 ± 211 | 55 ± 19 | 543 ± 214 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 37 — Volume of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ------ MILLION CUBIC FEET ------ | | |
| 1-10 | 195 ± 94 | 13 ± 12 | 208 ± 97 |
| 11-500 | 345 ± 75 | 145 ± 56 | 490 ± 106 |
| 501-5,000 | 8 ± 6 | 17 ± 12 | 25 ± 13 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 548 ± 103 | 175 ± 56 | 723 ± 127 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 38 — Volume of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, west-central Oregon, January 1, 1976[1/] [2/]

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | ------ MILLION CUBIC FEET ------ | | |
| 1-10 | -- | -- | -- |
| 11-500 | 200 ± 49 | 148 ± 44 | 349 ± 70 |
| 501-5,000 | 47 ± 36 | 1 ± 1 | 48 ± 36 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 248 ± 58 | 149 ± 44 | 397 ± 76 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 39 — Area of privately owned timberland by size of holding class and owner, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | FOREST INDUSTRY | CORPORATE | INDIVIDUAL | FARMER | ALL OWNERS |
|---|---|---|---|---|---|
| ACRES | - - - - - - - - - - - - - - - - | | THOUSAND ACRES | - - - - - - - - - - - - - - - - | |
| 1-10 | -- | -- | 32 ± 11 | -- | 32 ± 11 |
| 11-100 | -- | -- | 68 ± 23 | 25 ± 15 | 93 ± 27 |
| 101-500 | -- | -- | 49 ± 19 | 57 ± 21 | 106 ± 28 |
| 501-1,000 | 6 ± 6 | 14 ± 10 | 201 ± 34 | 320 ± 41 | 540 ± 46 |
| 1,001-5,000 | 87 ± 30 | 17 ± 9 | 49 ± 20 | 114 ± 33 | 266 ± 49 |
| 5,001-50,000 | 567 ± 56 | 23 ± 14 | -- | 7 ± 7 | 597 ± 56 |
| 50,001-100,000 | 103 ± 23 | -- | -- | -- | 103 ± 23 |
| 100,001-500,000 | 469 ± 53 | -- | -- | -- | 469 ± 53 |
| 500,001 OR MORE | 409 ± 50 | -- | -- | -- | 409 ± 50 |
| ALL CLASSES | 1,641 ± 29 | 54 ± 19 | 399 ± 42 | 522 ± 43 | 2,615 ± 37 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 40 — Volume of growing stock on privately owned timberland by size of holding class and by softwoods and hardwoods, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - - | MILLION CUBIC FEET | - - - - - - |
| 1-10 | 69 ± 41 | 31 ± 19 | 99 ± 29 |
| 11-500 | 180 ± 52 | 64 ± 19 | 244 ± 59 |
| 501-5,000 | 925 ± 155 | 323 ± 48 | 1,247 ± 179 |
| 5,001-100,000 | 1,610 ± 245 | 287 ± 48 | 1,898 ± 270 |
| 100,001 OR MORE | 2,281 ± 347 | 265 ± 44 | 2,546 ± 362 |
| ALL CLASSES | 5,064 ± 337 | 969 ± 73 | 6,034 ± 350 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 41 — Volume of growing stock on forest industry-owned timberland by size of holding class and by softwoods and hardwoods, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 109 ± 56 | 19 ± 9 | 128 ± 62 |
| 5,001-100,000 | 1,504 ± 228 | 247 ± 43 | 1,750 ± 251 |
| 100,001 OR MORE | 2,281 ± 347 | 265 ± 44 | 2,546 ± 362 |
| ALL CLASSES | 3,893 ± 296 | 531 ± 50 | 4,424 ± 302 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 42 — Volume of growing stock on corporate-owned timberland by size of holding class and by softwoods and hardwoods, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | -- | -- | -- |
| 501-5,000 | 60 ± 37 | 18 ± 13 | 77 ± 50 |
| 5,001-100,000 | 18 ± 14 | 31 ± 23 | 49 ± 37 |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 78 ± 40 | 49 ± 26 | 127 ± 62 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 43 — Volume of growing stock on individually owned timberland by size of holding class and by softwoods and hardwoods, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - -MILLION CUBIC FEET - - - - - - | | |
| 1-10 | 69 ± 41 | 31 ± 19 | 99 ± 29 |
| 11-500 | 131 ± 47 | 47 ± 16 | 177 ± 55 |
| 501-5,000 | 250 ± 51 | 115 ± 26 | 365 ± 67 |
| 5,001-100,000 | -- | -- | -- |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 449 ± 75 | 192 ± 33 | 641 ± 80 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

Table 44 — Volume of growing stock on farmer-owned timberland by size of holding class and by softwoods and hardwoods, southwest Oregon, January 1, 1975 1/ 2/

| SIZE OF HOLDING CLASS | SOFTWOODS | HARDWOODS | ALL SPECIES |
|---|---|---|---|
| ACRES | - - - - - -MILLION CUBIC FEET - - - - - - | | |
| 1-10 | -- | -- | -- |
| 11-500 | 50 ± 26 | 17 ± 10 | 66 ± 27 |
| 501-5,000 | 506 ± 139 | 172 ± 41 | 677 ± 159 |
| 5,001-100,000 | 88 ± 88 | 10 ± 10 | 98 ± 98 |
| 100,001 OR MORE | -- | -- | -- |
| ALL CLASSES | 644 ± 162 | 198 ± 42 | 842 ± 182 |

1/Totals may be off because of rounding.

2/Confidence intervals are at the 0.68-probability level.

## Metric Equivalents

1,000 acres = 404.7 hectares (ha)
1,000 cubic feet = 28.3 cubic meters ($m^3$)
1 cubic foot per acre = 0.07 cubic meters per hectare ($m^3$/ha)
1 foot = 0.3048 meter (m)
1 inch = 2.54 centimeters (cm)
1 mile = 1.609 kilometers (km)

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Timber resource statistics from a 1973-76 inventory are presented for private timberland in western Oregon. Inventories usually classify private owners as either forest industry or nonindustrial private. For this report, however, the nonindustrial private classification has been further disaggregated into farmer, individual, and corporate owners. For all private owner classes, the statistics are presented by size of the holding.

Keywords: Forest surveys, timberland, timber resources, statistics (forest), ownership (forest), nonindustrial private ownership, western Oregon.

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

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