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SB 82 (1948)

USDA STATISTICAL BULLETINS

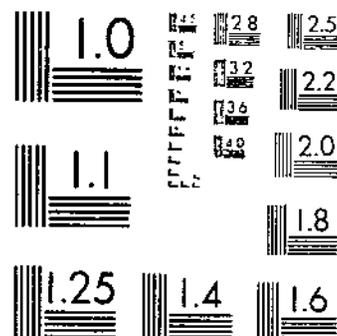
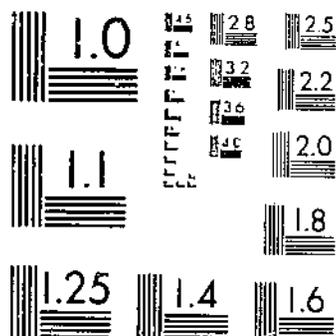
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STUNRAGE AND LOG PRICES FOR THE CALENDAR YEAR 1945

STEER H.B. COMP

1 OF 1

# START



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NATIONAL BUREAU OF STANDARDS-1963-A

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NATIONAL BUREAU OF STANDARDS-1963-A



# UNITED STATES DEPARTMENT OF AGRICULTURE

## STATISTICAL BULLETIN NO. 82

WASHINGTON, D. C.



February 1948

### STUMPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1945

Compiled by HENRY B. STEEN,<sup>1</sup> *forest economist, Division of Forest Economics,  
Forest Service*

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<sup>1</sup> A large part of the statistical work was done by Irene W. Uderitz.

## INTRODUCTION

This bulletin presents data on prices paid for privately owned standing timber and logs during 1945. Prices are shown by species and by regions. Similar stumpage- and log-price data have been collected by the Forest Service with the cooperation of the Bureau of the Census, Department of Commerce, and published annually as statistical bulletins for the calendar years 1928 to 1943, inclusive. No price data were gathered for 1944.

## METHOD OF SURVEY

The 1945 survey of stumpage and log prices in the 12 Far Western States and South Dakota was based upon a mail questionnaire which was sent to all known independent loggers, operators of sawmills, and other primary wood-using industries such as pulp, veneer, and cooperage establishments. Returns were obtained from nonrespondents by personal interviews, with the result that data for 1945 for the Western States are based on a reasonably complete canvass.

In the East the same questionnaire was sent to all known sawmills that cut over 500 M board feet of lumber in 1942, and to all pulp, veneer, and cooperage mills of record. Funds or personnel were not available for making a field follow-up of nonrespondents in the East and returns were so fragmentary that the 1945 data are not comparable with those for previous years.

Price quotations based upon limited number of transactions or a small volume of sales are included, but it should be emphasized that because of the very large variation inherent in stumpage and log prices, these figures cannot be considered as representative.

The 1945 survey resulted in usable reports of 2,841 and 2,365 sales of private stumpage in the West and East, respectively, and 1,161 and 1,663 log sales in the West and East, respectively. In terms of quantities of timber, the stumpage sales reported involved 10,136,624 M board feet in the West and 936,243 M board feet in the East. The log sales totaled 3,336,159 M board feet in the West and 279,800 M board feet in the East.

Sales or purchases of Federal- or State-owned standing timber are not included in this survey. Nationally owned timber is invariably sold on the basis of actual or closely estimated log scale, whereas privately owned timber is usually sold as standing timber on the basis of a rough timber cruise. On the other hand, the log-price data are based on private sales of logs without regard to ownership of the timber from which the logs were cut.

## FACTORS AFFECTING PRICES

The prices given in this bulletin should be used with the clear understanding that they cannot be applied to a specific tract. There are many factors which determine the price of stumpage or logs, as is reflected by the range between the minimum and maximum prices for each species.

The selling prices of standing timber follow in a general way the same trends as the prices of lumber and other wood products. For individual transactions, however, the price paid for standing timber

depends upon a number of factors, including (1) the species, quality, size, and density of the timber; (2) the quantity sold, and whether for immediate or future cutting; (3) the quantity of other timber available and the competitive demand for it; (4) the kind of product to be manufactured; (5) the location with respect to manufacturing plants, transportation facilities, and markets; (6) the cost of exploitation as determined by local conditions with respect to topography and logging conditions, labor costs, cost of equipment and supplies, etc.; (7) the form of sale, i. e., lump sum, flat rate per thousand feet, specific rate for different kinds of timber, etc.; (8) the terms of sale, including provisions as to time and rate of payment, method of cutting, requirements as to fire protection, brush disposal, utilization, and provisions regarding taxes; and (9) the desire of the purchaser to buy and the seller to sell, and the knowledge of values on the part of each.

With logs, also, the price received depends to a large degree on the conditions involved in the particular transaction. Competition between purchasers and the knowledge of values on the part of both purchaser and seller exert a very great influence on the selling price of logs as well as standing timber.

It is probably true that more of the higher quality stumpage and logs are sold individually—i. e., by species and sometimes by grades—and that the poorer quality timber is more likely to be sold collectively. Nevertheless, in the sale of standing timber and logs, as in sales of other commodities, this fundamental principle of merchandising is involved: When all other factors have been given due consideration, the vendor is more likely to receive the full value of his merchandise if he takes a careful inventory of the different kinds of material he has for sale and markets them as individual items in one transaction rather than in one unitemized lot. Flat-rate sales of stumpage or logs by the Government or by large timber-holding corporations are practically unknown, and it is becoming more and more common for other timber owners to market timber and logs at individual prices for different species and qualities.

#### DESCRIPTION OF TABLES

Sales of both stumpage and logs have been classified into two main groups: (1) Individual sales, which include sales of single species and sales of several species if each was sold at an individual price, and (2) flat-rate sales, in which two or more species were grouped together and sold for a lump sum or at a uniform rate per M board feet. In compiling flat-rate sales no accounting has been made of the different species involved since the price paid for each could not be definitely or satisfactorily determined. Flat-rate and individual sales have been combined, however, into regional averages for softwoods, hardwoods, and all species.

Because of the differences in coverage and the completeness of the resultant data as between the West and the East, stumpage and log prices are given in more detail for western than for eastern regions. The regions covered in previous bulletins have been used in this bulletin with regard to both stumpage and log prices (fig. 1).

Table 1 gives total stumpage and log sales reported for 1945, by species and type of sale, and average prices per thousand feet board

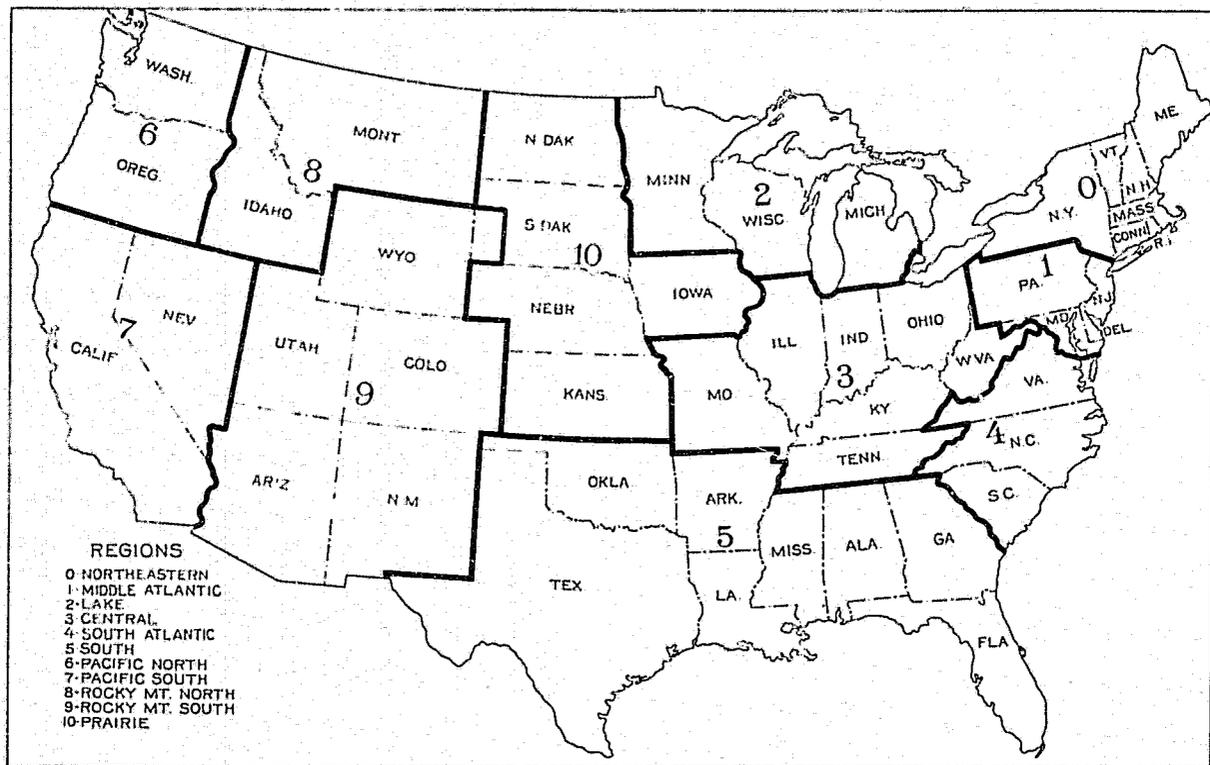


FIGURE 1.—Stumpage and log regions in the United States.

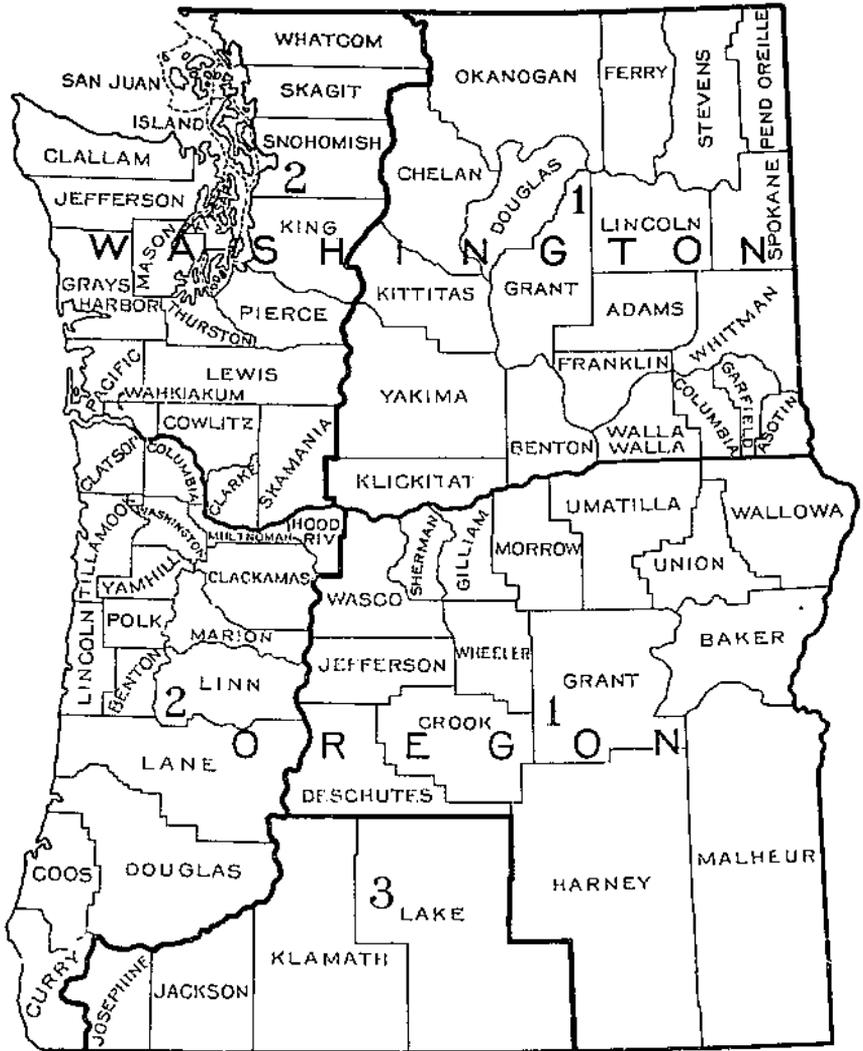
measure for 1943 and 1945 by eastern and western species. These data are deemed adequate to give reliable average prices of major eastern and western species. The average prices presented for species involving only a few transactions and small quantities have been included in these and later tables for the sake of completeness although it should be understood that they are shown in the tables subject to considerable error. All average prices are weighted in accordance with the quantities involved in the individual year.

Table 2 gives total stumpage and log sales reported for 1945 by species and type of sale, and average prices for 1943 and 1945, by separate eastern regions (fig. 1). Because of the very poor response to questionnaires and the resultant small volume of data, State figures are not shown for eastern regions, except for the Lake States. In that region an effort was made to obtain reasonably complete coverage by means of a supplementary field canvass. The stumpage and log price data for Michigan, Minnesota, and Wisconsin are given in table 3.

Because the study in the West resulted in a reasonably complete coverage and a volume of timber and logs reported that should give representative prices, stumpage and log prices for the Western States and regions are presented as in previous years, with an added breakdown of prices for standing timber by class of growth—i. e., virgin, second, or mixed virgin and second. The fact that the volume of logs reported dropped from 4,553,000,000 feet in 1943 to 3,336,000,000 feet in 1945 is due to a growing tendency for the operators of sawmills and other log-using establishments, particularly in the Douglas fir region of Washington and Oregon, to produce a larger proportion of the logs consumed in their plants or to increase the amount of logs obtained by contract logging.

Table 4 gives 1945 stumpage sales in the Pacific Northwest by type of sale, species, and growth, and average prices per thousand board feet in 1943 and 1945. Tables 5 and 6 include similar data for the subregions into which the States of Oregon and Washington are divided by natural forest conditions (fig. 2). Similar stumpage sales data are given for California (fig. 3) by State and subregional totals, and for the northern Rocky Mountain region, Idaho, and Montana in tables 7, 8, 9, and 10, respectively. Because of the minor importance of stumpage sales in the southern Rocky Mountain region, data for this region have not been broken down by States, and only the regional totals and averages have been shown in table 11.

In the three more important western regions there are clearly defined subregions or log markets, determined by natural forest conditions and the physical nature of the country. Log sales are therefore shown by species and type of sale not only by regions and States but also by subregions for the Pacific Northwest (fig. 4), California (fig. 3), and the northern Rocky Mountain region (fig. 5) in tables 12 to 18, inclusive, and table 21. Log sales in the southern Rocky Mountain region are quantitatively unimportant, so these data are given only for the region as a whole in table 19. Because of the similarity of the natural forest conditions of western Oregon and western Washington, stumpage and log data have been combined for these areas and are given in table 20.



WASHINGTON:  
 1-EASTERN  
 2-WESTERN

OREGON:  
 1-EASTERN  
 2-WESTERN  
 3-KLAMATH

## STUMPAGE REGIONS

Figure 2.--Stumpage regions in Washington and Oregon.

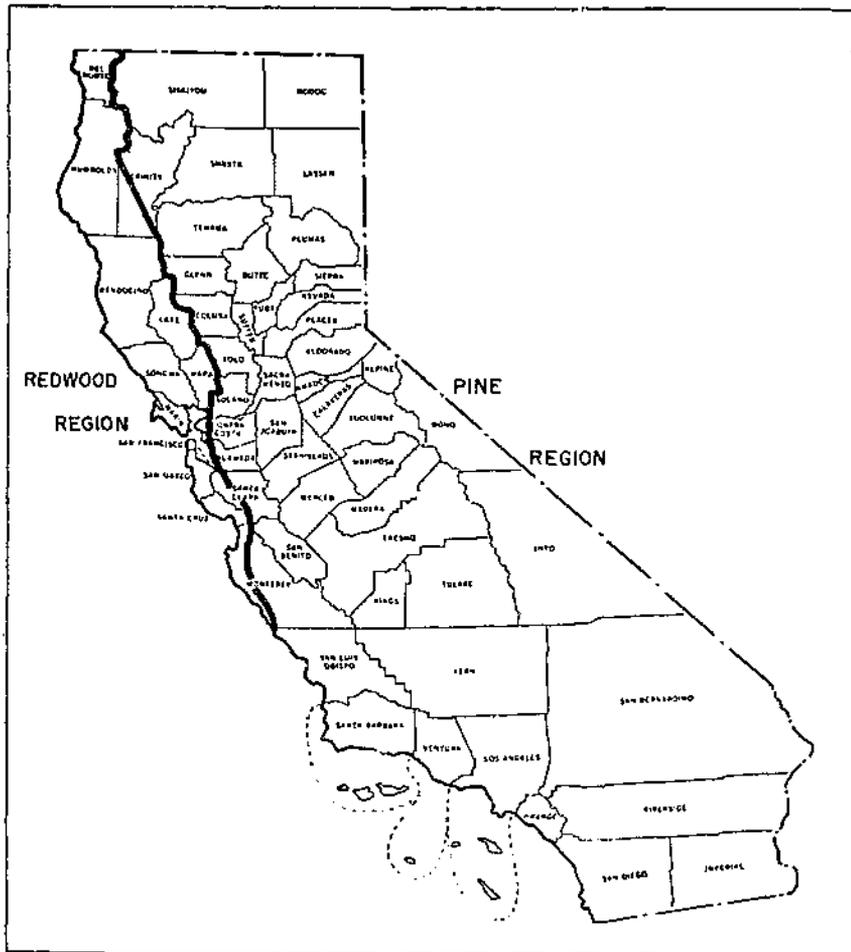
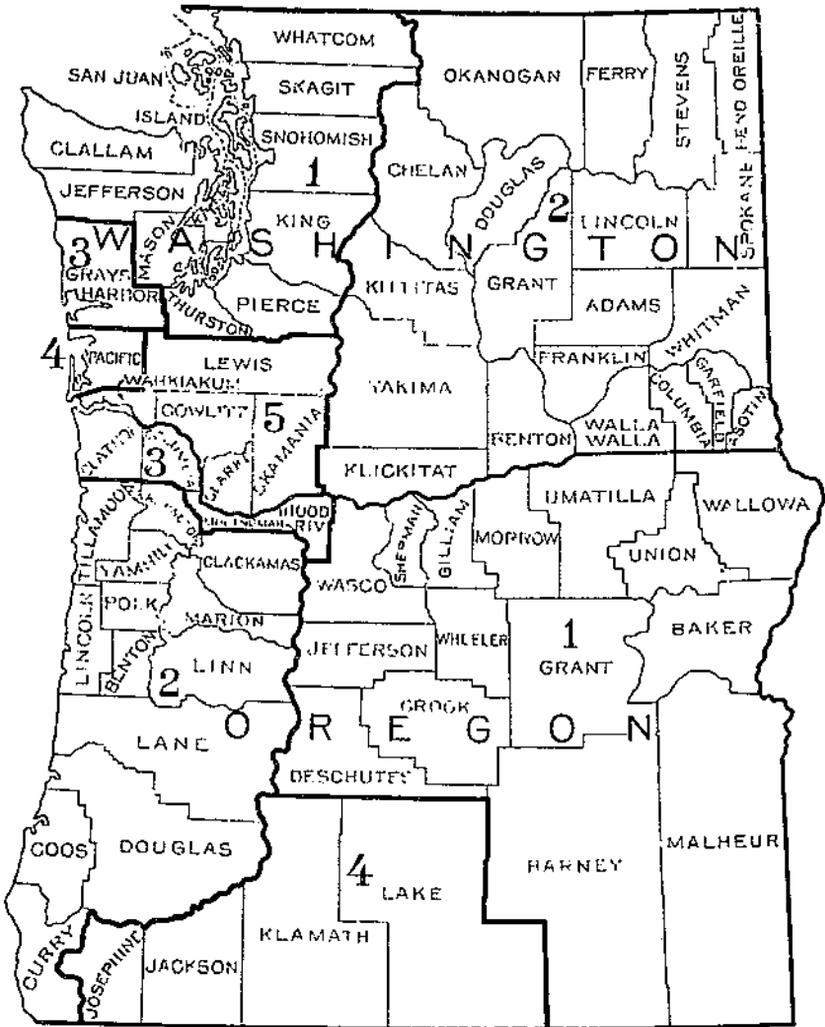


FIGURE 3.—Redwood and pine stumpage and log regions in California.



- WASHINGTON**  
 1- PUGET SOUND  
 2- EASTERN  
 3- GRAYS HARBOR  
 4- WILLAPA HARBOR  
 5- COLUMBIA RIVER

- OREGON**  
 1- EASTERN  
 2- WESTERN  
 3- COLUMBIA RIVER  
 4- KLAMATH

## LOG REGIONS

FIGURE 4.—Log regions in Washington and Oregon.

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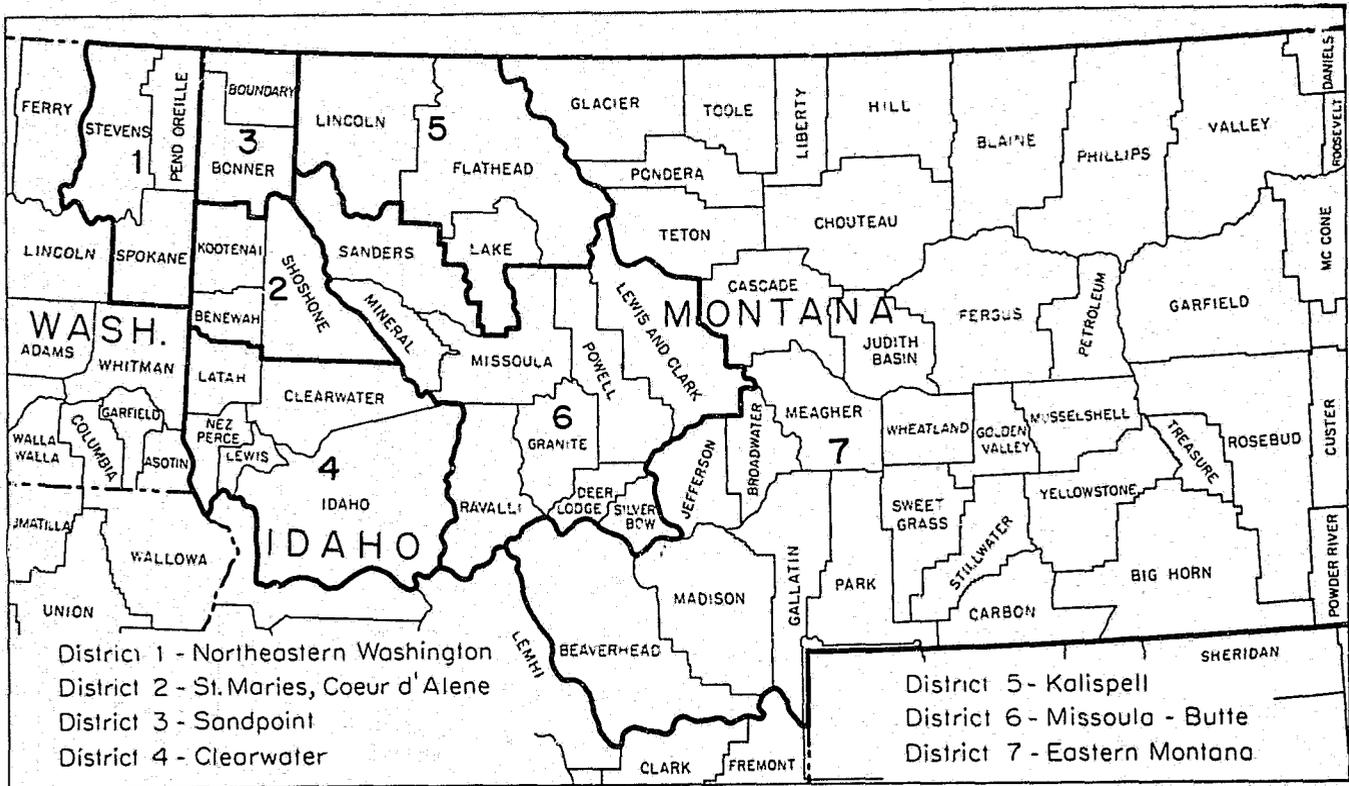


FIGURE 5.—Northern Rocky Mountain region, showing lumber-producing districts.

## COMPARISON OF 1945 AND 1943 DATA

The size of the 1945 sample for the 12 far Western States and South Dakota, although somewhat smaller than in 1943, was sufficient to permit safe comparison of 1945 and 1943 data. The returns from Eastern States were so fragmentary, however, that the data are not comparable with those for 1943. The number of transactions reported and the footage involved in the East and West for 1943 and 1945 were as follows:

|           | EAST  | Reported sales         |                        |
|-----------|-------|------------------------|------------------------|
|           |       | Number of transactions | Millions of feet b. m. |
| Stumpage: |       |                        |                        |
| 1943      | ----- | 12,294                 | 3,900                  |
| 1945      | ----- | 2,365                  | 936                    |
| Logs:     |       |                        |                        |
| 1943      | ----- | 4,404                  | 964                    |
| 1945      | ----- | 1,161                  | 280                    |
|           | WEST  |                        |                        |
| Stumpage: |       |                        |                        |
| 1943      | ----- | 3,097                  | 10,747                 |
| 1945      | ----- | 2,841                  | 10,137                 |
| Logs:     |       |                        |                        |
| 1943      | ----- | 1,721                  | 4,553                  |
| 1945      | ----- | 1,663                  | 3,336                  |

In comparing 1945 and 1943 stumpage and log prices, it should be kept in mind that although there are probably some instances in which the same timber has changed hands two or more times before being cut, average stumpage prices of successive years cannot be based on the same stands of timber. Not only do the more important factors influencing stumpage and log prices vary from year to year, but standards of merchantability constantly change and in general the best and most accessible timber is cut first. No two tracts of timber are identical, although many may be similar as regards volume, species, topography, and accessibility. It is also true that average annual log prices are not based on the sale of exactly equivalent logs from year to year. In order to permit comparison of prices on as nearly an identical base as possible the 1945 average stumpage and log prices were computed for the following tabulation on the basis of the 1945 rates for the different species and the percentages which the different species formed of the total sales reported in 1943. The results obtained by computing average stumpage and log prices separately for eastern and western species were as follows:

|                    | EASTERN SPECIES | Returns per M |                  |
|--------------------|-----------------|---------------|------------------|
|                    |                 | Average price | Percent increase |
| Softwood stumpage: |                 |               |                  |
| 1943               | -----           | \$9.04        |                  |
| 1945               | -----           | 9.22          | 2                |
| Hardwood stumpage: |                 |               |                  |
| 1943               | -----           | 9.74          |                  |
| 1945               | -----           | 11.52         | 18               |
| Softwood logs:     |                 |               |                  |
| 1943               | -----           | 22.92         |                  |
| 1945               | -----           | 30.50         | 33               |
| Hardwood logs:     |                 |               |                  |
| 1943               | -----           | 48.74         |                  |
| 1945               | -----           | 55.86         | 15               |

|                              | Returns per M |                  |
|------------------------------|---------------|------------------|
|                              | Average price | Percent increase |
| WESTERN SPECIES <sup>1</sup> |               |                  |
| Softwood stumpage:           |               |                  |
| 1943.....                    | \$2.90        |                  |
| 1945.....                    | 2.95          | 2                |
| Softwood logs:               |               |                  |
| 1943.....                    | 23.58         |                  |
| 1945.....                    | 24.57         | 4                |

<sup>1</sup> Calculations have not been made for western hardwoods because of the very small quantities involved.

Stumpage and log prices of western species showed only slight increases in 1945 over 1943 of 2 and 4 percent, respectively. In both years prices of western stumpage and logs were controlled by maximum price regulations of the Office of Price Administration: MPR 460, western timber (stumpage) and MPR 348 (logs).

According to the small sample obtained in the East, 1945 prices of eastern softwood stumpage were 2 percent, and eastern hardwood stumpage 18 percent, above 1943 prices. Prices of eastern softwood and hardwood logs in 1945 were 33 and 15 percent, respectively, above 1943 levels. Prices of standing timber in the East were not controlled in either 1943 or 1945. Eastern logs, however, were put under maximum price orders on May 15, 1944: MPR 348, MPR 533-1-2-3-4-5-6, and MPR 534-1-2.

TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1945, and average price, 1943 and 1945

STUMPAGE SALES—EASTERN SPECIES

| Type of sale and species        | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|---------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                                 |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>    | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Norway pine.....                | 19            | 1,688              | 10,030         | 3.00-18.00     | 6.48                          | 7.13           |
| Jack pine.....                  | 45            | 8,531              | 39,676         | 2.00-25.00     | 4.65                          | 5.19           |
| Northern white pine.....        | 175           | 42,678             | 355,770        | 1.82-30.00     | 8.34                          | 7.67           |
| Pitch pine.....                 | 2             | 81                 | 973            | 12.00-12.25    | 12.01                         | 5.50           |
| Longleaf pine.....              | 6             | 6,694              | 90,125         | 3.00-25.00     | 13.46                         | 9.97           |
| Shortleaf pine.....             | 191           | 90,290             | 964,176        | 2.67-31.00     | 10.68                         | 9.56           |
| Southern pine, unspecified..... | 198           | 86,389             | 666,107        | 1.97-28.57     | 7.71                          | 9.92           |
| All southern pine.....          | 398           | 183,373            | 1,720,408      | 1.97-31.00     | 9.39                          | 9.70           |
| Tamarack.....                   | 4             | 710                | 735            | 1.00-2.00      | 1.01                          | 3.26           |
| Eastern spruce.....             | 61            | 40,280             | 317,509        | 4.00-15.17     | 6.44                          | 6.41           |
| Eastern hemlock.....            | 76            | 89,622             | 300,992        | 1.00-30.00     | 4.36                          | 4.51           |
| Balsam fir.....                 | 47            | 27,412             | 126,633        | 2.00-8.00      | 4.47                          | 4.04           |
| Cypress.....                    | 3             | 462                | 3,982          | 6.00-18.00     | 8.62                          | 10.74          |
| Northern white cedar.....       | 6             | 230                | 511            | 1.00-6.00      | 2.22                          | 4.39           |
| Southern white cedar.....       |               |                    |                |                |                               | 5.21           |
| Eastern red cedar.....          | 19            | 575                | 12,155         | 7.14-41.67     | 21.14                         | 20.40          |
| Total average or spread.....    | 878           | 401,642            | 2,890,280      | 1.00-41.67     | 7.14                          | 9.04           |
| <b>Individual hardwoods:</b>    |               |                    |                |                |                               |                |
| Willow.....                     |               |                    |                |                |                               | 3.00           |
| Oak.....                        | 165           | 22,999             | 218,342        | 2.78-35.00     | 10.80                         | 8.49           |
| Red oak.....                    | 32            | 3,683              | 45,157         | 4.00-50.00     | 12.43                         | 9.42           |
| White oak.....                  | 33            | 4,302              | 83,159         | 7.00-65.22     | 10.33                         | 13.31          |
| All oaks.....                   | 250           | 30,034             | 376,658        | 2.78-65.22     | 12.18                         | 9.40           |
| Soft maple.....                 | 23            | 1,308              | 11,042         | 4.00-30.00     | 8.44                          | 9.62           |
| Hard maple.....                 | 31            | 13,179             | 99,652         | 4.00-35.00     | 7.56                          | 9.78           |
| Maple.....                      | 94            | 27,019             | 237,874        | 2.00-37.33     | 8.80                          | 10.24          |
| All maples.....                 | 148           | 41,506             | 348,568        | 2.00-37.33     | 8.40                          | 10.00          |

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TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1945, and average price, 1943 and 1945—Continued

STUMPAGE SALES—EASTERN SPECIES—Continued

| Type of sale and species             | Transactions | Quantity   | Value     | Price range  | Average price per M ft. b. m. |         |
|--------------------------------------|--------------|------------|-----------|--------------|-------------------------------|---------|
|                                      |              |            |           |              | 1945                          | 1943    |
| Individual hardwoods—Continued       | Number       | Mft. b. m. | Dollars   | Dollars      | Dollars                       | Dollars |
| Elm                                  | 40           | 2,389      | 19,000    | 1.50-27.50   | 7.92                          | 9.08    |
| Rock elm                             | .....        | .....      | .....     | .....        | .....                         | 27.51   |
| Ash                                  | 37           | 2,198      | 31,334    | 1.50-40.00   | 14.26                         | 11.88   |
| Black walnut                         | 11           | 70         | 2,858     | 20.00-150.25 | 40.83                         | 47.73   |
| Butternut                            | .....        | .....      | .....     | .....        | .....                         | 20.00   |
| Red gum                              | 39           | 12,177     | 110,127   | 1.00-28.30   | 9.04                          | 9.05    |
| Tupelo gum                           | 5            | 259        | 3,712     | 12.25-15.00  | 14.33                         | 5.85    |
| Black gum                            | 1            | 70         | 700       | .....        | 10.00                         | 7.81    |
| Sycamore                             | 11           | 342        | 3,656     | 0.90-15.00   | 10.69                         | 7.99    |
| Locust                               | 1            | 4          | 40        | .....        | 12.25                         | 9.62    |
| Aspen                                | 69           | 8,264      | 24,354    | .80-18.00    | 2.95                          | 4.92    |
| Cottonwood                           | 16           | 686        | 6,346     | 6.00-28.15   | 6.25                          | 7.37    |
| Yellow poplar                        | 44           | 2,619      | 38,704    | 2.00-50.00   | 14.78                         | 11.08   |
| Birch                                | 58           | 35,847     | 628,708   | 1.00-35.00   | 17.69                         | 12.81   |
| Pecan                                | .....        | .....      | .....     | .....        | .....                         | 4.02    |
| Hickory                              | 17           | 1,189      | 12,062    | 5.00-25.00   | 10.14                         | 8.97    |
| Cherry                               | 7            | 56         | 850       | 6.67-30.00   | 15.86                         | 10.43   |
| Basswood                             | 40           | 2,570      | 30,113    | 3.50-50.00   | 11.72                         | 12.66   |
| Chestnut                             | 3            | 111        | 374       | 2.00-6.00    | 3.37                          | 4.51    |
| Beech                                | 52           | 3,651      | 37,257    | 1.00-30.00   | 10.20                         | 7.50    |
| Hackberry                            | 1            | 13         | 195       | .....        | 15.90                         | 7.46    |
| Magnolia                             | 4            | 84         | 741       | 7.00-12.00   | 8.82                          | 7.43    |
| Buckeye                              | 3            | 23         | 168       | 1.50-15.00   | 7.30                          | 4.44    |
| Total average or spread              | 858          | 144,772    | 1,676,544 | .80-156.25   | 11.58                         | 9.74    |
| Flat-rate softwoods                  | 42           | 47,282     | 405,731   | 3.40-15.00   | 8.58                          | 5.56    |
| Flat-rate hardwoods                  | 340          | 97,086     | 838,267   | 1.07-81.17   | 8.61                          | 7.74    |
| Flat-rate mixed                      | 247          | 242,461    | 2,481,104 | 1.22-30.00   | 10.23                         | 7.49    |
| Total average or spread, all species | 2,365        | 936,243    | 8,289,986 | .80-156.25   | 8.85                          | 8.31    |

STUMPAGE SALES—WESTERN SPECIES

|                                      |       |            |            |             |       |       |
|--------------------------------------|-------|------------|------------|-------------|-------|-------|
| Individual softwoods:                |       |            |            |             |       |       |
| Ponderosa pine                       | 499   | 1,586,177  | 6,589,514  | 0.13-10.00  | 4.21  | 4.31  |
| Western white pine                   | 35    | 13,910     | 63,032     | .75-8.00    | 4.53  | 8.15  |
| Lodgepole pine                       | 30    | 3,475      | 9,816      | 2.00-4.00   | 2.83  | 2.21  |
| Sugar pine                           | 114   | 182,882    | 789,941    | 2.00-12.00  | 4.32  | 5.43  |
| Western larch                        | 75    | 25,550     | 49,895     | .50-4.60    | 1.95  | 1.50  |
| Engelmann spruce                     | 39    | 7,493      | 19,720     | 1.00-4.00   | 2.64  | 2.25  |
| Sitka spruce                         | 50    | 44,078     | 180,720    | .32-8.50    | 3.42  | 4.34  |
| Western hemlock                      | 157   | 843,129    | 1,265,217  | .20-4.90    | 1.60  | 1.74  |
| Douglas fir                          | 1,012 | 4,500,128  | 12,694,950 | .23-13.00   | 2.77  | 3.47  |
| White fir                            | 170   | 481,772    | 993,728    | .28-8.00    | 2.06  | 1.73  |
| Redwood                              | 72    | 266,654    | 633,808    | 1.25-7.50   | 2.38  | 2.10  |
| Incense cedar                        | 78    | 70,333     | 124,937    | .45-3.68    | 1.78  | 1.90  |
| Western red cedar                    | 162   | 132,771    | 544,919    | .75-7.62    | 3.57  | 4.50  |
| Port Orford cedar                    | 10    | 83,706     | 640,444    | 5.00-15.00  | 11.92 | 9.44  |
| Total average or spread              | 2,443 | 8,302,028  | 24,570,762 | .13-15.00   | 2.96  | 3.46  |
| Individual hardwoods:                |       |            |            |             |       |       |
| Oak                                  | 4     | 197        | 2,845      | 10.00-15.00 | 14.44 | 9.14  |
| Maple                                | 4     | 96         | 261        | 1.20-5.00   | 2.72  | 1.47  |
| Ash                                  | ..... | .....      | .....      | .....       | ..... | 7.36  |
| Cottonwood                           | 12    | 652        | 1,452      | 1.50-6.00   | 2.23  | 6.96  |
| Alder                                | 26    | 10,620     | 10,299     | .20-5.00    | .97   | 1.75  |
| Myrtle                               | 1     | 50         | 500        | .....       | 10.00 | ..... |
| Total average or spread              | 47    | 11,615     | 15,357     | .20-15.00   | 1.32  | 5.76  |
| Flat-rate softwoods                  | 351   | 1,822,081  | 4,027,836  | .35-9.00    | 2.21  | 1.71  |
| Total average or spread, all species | 2,841 | 10,136,024 | 28,613,955 | .13-15.00   | 2.82  | 2.90  |

TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1945, and average price, 1943 and 1945—Continued

## LOG SALES—EASTERN SPECIES

| Type of sale and species                  | Transactions  | Quantity          | Value          | Price range    | Average price per M ft. b. m. |                |
|---|---------------|-------------------|----------------|----------------|-------------------------------|----------------|
|   |               |                   |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>              | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Norway pine.....                          | 11            | 303               | 9,159          | 12.00-43.00    | 30.16                         | 29.92          |
| Jack pine.....                            | 14            | 596               | 16,004         | 19.00-55.00    | 27.84                         | 24.02          |
| Northern white pine.....                  | 95            | 9,095             | 265,743        | 18.00-84.00    | 29.21                         | 27.28          |
| Pitch pine.....                           |               |                   |                |                |                               | 26.00          |
| Longleaf pine.....                        | 1             | 480               | 24,000         |                | 50.00                         | 29.64          |
| Shortleaf pine.....                       | 15            | 3,103             | 114,938        | 20.00-45.00    | 37.04                         | 20.14          |
| Southern pine, unspecified.....           | 24            | 83,971            | 1,510,075      | 16.70-49.25    | 17.98                         | 18.71          |
| All southern pine.....                    | 40            | 87,554            | 1,634,013      | 15.70-50.00    | 18.83                         | 20.09          |
| Tamarack.....                             | 2             | 6                 | 175            | 25.00-50.00    | 29.17                         | 20.00          |
| Eastern spruce.....                       | 38            | 3,622             | 129,404        | 23.00-46.00    | 35.73                         | 29.52          |
| Eastern hemlock.....                      | 52            | 31,165            | 916,800        | 17.00-45.00    | 30.38                         | 25.71          |
| Balsam fir.....                           | 5             | 816               | 27,093         | 26.00-33.50    | 33.20                         | 33.65          |
| Cypress.....                              | 5             | 1,843             | 43,808         | 20.42-34.19    | 23.77                         | 23.07          |
| Northern white cedar.....                 | 3             | 12                | 335            | 20.00-30.00    | 27.92                         | 20.14          |
| Eastern red cedar.....                    | 1             | 92                | 4,600          |                | 50.00                         | 49.47          |
| Total average or spread.....              | 266           | 135,107           | 3,092,712      | 12.00-84.60    | 22.89                         | 23.52          |
| <b>Individual hardwoods:</b>              |               |                   |                |                |                               | 21.50          |
| Willow.....                               |               |                   |                |                |                               |                |
| Oak.....                                  | 86            | 6,400             | 191,223        | 20.00-100.00   | 29.88                         | 24.68          |
| Red oak.....                              | 10            | 1,393             | 64,260         | 15.00-78.42    | 46.13                         | 31.79          |
| White oak.....                            | 11            | 536               | 41,370         | 20.00-110.00   | 77.15                         | 41.09          |
| All oaks.....                             | 93            | 8,329             | 296,853        | 16.00-110.00   | 35.64                         | 30.67          |
| Soft maple.....                           | 33            | 863               | 31,691         | 21.00-71.00    | 39.39                         | 30.47          |
| Hard maple.....                           | 63            | 17,243            | 762,297        | 22.00-96.00    | 44.20                         | 38.88          |
| Maple.....                                | 54            | 2,099             | 216,104        | 22.00-130.00   | 72.06                         | 60.25          |
| All maples.....                           | 150           | 21,105            | 1,012,302      | 21.00-130.00   | 47.97                         | 53.34          |
| Elm.....                                  | 81            | 2,646             | 135,134        | 10.50-67.32    | 51.07                         | 36.56          |
| Rock elm.....                             |               |                   |                |                |                               | 22.81          |
| Ash.....                                  | 55            | 785               | 35,590         | 15.00-83.00    | 45.51                         | 40.05          |
| Black walnut.....                         | 12            | 572               | 82,908         | 34.17-171.50   | 144.05                        | 104.86         |
| Butternut.....                            | 4             | 5                 | 256            | 20.00-86.80    | 51.00                         | 35.83          |
| Red gum.....                              | 31            | 10,422            | 501,651        | 20.00-84.77    | 38.54                         | 37.30          |
| Black gum.....                            | 1             | 14                | 742            |                | 53.00                         | 25.53          |
| Tupelo gum.....                           | 4             | 739               | 27,420         | 12.00-40.00    | 37.10                         | 28.81          |
| Sycamore.....                             | 13            | 577               | 26,526         | 22.00-76.58    | 45.97                         | 24.82          |
| Locust.....                               |               |                   |                |                |                               | 26.85          |
| Aspen.....                                | 64            | 7,856             | 211,685        | 8.00-68.80     | 26.95                         | 25.28          |
| Cottonwood.....                           | 10            | 1,003             | 44,779         | 22.00-65.95    | 44.65                         | 22.76          |
| Yellow poplar.....                        | 20            | 2,212             | 117,854        | 25.00-93.00    | 53.28                         | 50.55          |
| Birch.....                                | 85            | 15,714            | 1,297,368      | 24.00-128.00   | 76.83                         | 80.70          |
| Pecan.....                                |               |                   |                |                |                               | 17.59          |
| Hickory.....                              | 9             | 210               | 7,627          | 23.00-62.50    | 36.32                         | 31.41          |
| Cherry.....                               | 14            | 135               | 5,843          | 28.00-63.00    | 43.28                         | 30.03          |
| Hasswood.....                             | 03            | 2,975             | 160,829        | 23.00-89.00    | 64.14                         | 52.89          |
| Chestnut.....                             | 1             | 43                | 1,290          |                | 30.00                         | 22.30          |
| Beech.....                                | 12            | 2,780             | 88,657         | 20.00-60.00    | 31.79                         | 25.84          |
| Hackberry.....                            | 7             | 19                | 1,392          | 58.80-79.80    | 73.26                         | 10.87          |
| Magnolia.....                             | 2             | 5                 | 244            | 48.39-50.00    | 48.80                         | 29.02          |
| Persimmon.....                            |               |                   |                |                |                               | 65.00          |
| Buckeye.....                              |               |                   |                |                |                               | 19.44          |
| Total average or spread.....              | 790           | 78,158            | 3,896,709      | 8.00-171.50    | 49.86                         | 48.74          |
| Flat-rate softwoods.....                  | 2             | 135               | 3,770          | 36.00-28.00    | 27.93                         | 23.58          |
| Flat-rate hardwoods.....                  | 72            | 16,597            | 605,112        | 22.00-103.84   | 30.46                         | 27.76          |
| Flat-rate mixed.....                      | 31            | 40,803            | 1,437,261      | 18.00-50.00    | 28.86                         | 26.24          |
| Total average or spread, all species..... | 1,161         | 279,800           | 9,035,564      | 8.00-171.50    | 32.29                         | 33.00          |

TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1945, and average price, 1943 and 1945—Continued

## LOG SALES—WESTERN SPECIES

| Type of sale and species             | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|--------------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                                      |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>         | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine                       | 170           | 204,102            | 4,354,585      | 19.00-42.33    | 21.34                         | 18.42          |
| Western white pine                   | 48            | 7,391              | 196,031        | 15.00-34.00    | 29.52                         | 25.33          |
| Lodgepole pine                       | 14            | 1,053              | 21,306         | 15.00-25.00    | 20.52                         | 19.12          |
| Sugar pine                           | 13            | 12,035             | 177,738        | 12.53-26.06    | 13.74                         | 16.88          |
| Western larch                        | 58            | 29,499             | 431,292        | 10.00-28.90    | 18.35                         | 14.83          |
| Engelmann spruce                     | 17            | 2,877              | 54,634         | 14.50-23.00    | 18.99                         | 14.17          |
| Sitka spruce                         | 87            | 37,944             | 3,520,734      | 11.00-47.35    | 25.81                         | 20.12          |
| Western hemlock                      | 133           | 480,788            | 11,466,978     | 10.00-32.77    | 23.41                         | 21.76          |
| Douglas fir                          | 139           | 1,590,876          | 40,087,571     | 2.00-43.00     | 25.43                         | 24.36          |
| White fir                            | 126           | 75,007             | 1,609,364      | 9.00-30.26     | 22.25                         | 25.35          |
| Redwood                              | 22            | 21,382             | 410,120        | 12.00-38.50    | 19.18                         | 16.21          |
| Incense cedar                        | 7             | 3,260              | 44,261         | 9.29-18.50     | 13.54                         | 10.10          |
| Western red cedar                    | 134           | 219,367            | 5,155,631      | 14.04-38.75    | 23.64                         | 24.19          |
| Port Orford cedar                    |               |                    |                |                |                               | 20.00          |
| Total average or spread              | 1,465         | 2,798,459          | 68,260,238     | 2.00-47.38     | 24.39                         | 23.58          |
| <b>Individual hardwoods:</b>         |               |                    |                |                |                               |                |
| Oak                                  | 2             | 52                 | 1,278          | 14.00-25.00    | 24.58                         | 37.00          |
| Maple                                | 12            | 1,083              | 64,025         | 20.00-37.50    | 32.29                         | 31.79          |
| Ash                                  | 1             | 150                | 3,750          |                | 25.00                         | 27.89          |
| Cottonwood                           | 34            | 9,447              | 190,848        | 15.60-27.00    | 20.20                         | 20.56          |
| Birch                                | 3             | 82                 | 2,637          | 30.00-37.50    | 32.16                         | 29.36          |
| Alder                                | 19            | 6,110              | 188,706        | 15.00-37.50    | 30.88                         | 28.05          |
| Total average or spread              | 71            | 17,824             | 451,244        | 14.00-37.50    | 25.32                         | 26.47          |
| Flat-rate softwoods                  | 107           | 519,846            | 12,304,501     | 12.00-32.00    | 23.67                         | 22.62          |
| Total average or spread, all species | 1,663         | 3,336,159          | 81,016,983     | 2.00-47.38     | 24.28                         | 23.46          |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## NORTHEAST—STUMPAGE SALES

| Type of sale and species     | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                              |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b> | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Norway pine                  | 2             | 504                | 1,857          | 3.00-4.00      | 3.68                          | 5.91           |
| Jack pine                    |               |                    |                |                |                               | 3.35           |
| Northern white pine          | 101           | 33,454             | 255,121        | 2.00-20.00     | 7.63                          | 7.07           |
| Pitch pine                   |               |                    |                |                |                               | 5.50           |
| Eastern spruce               | 40            | 20,457             | 139,896        | 5.00-11.00     | 6.84                          | 6.49           |
| Eastern hemlock              | 34            | 9,477              | 47,087         | 3.00-30.00     | 4.97                          | 6.30           |
| Balsam fir                   | 20            | 6,295              | 40,593         | 5.00-8.00      | 6.45                          | 4.66           |
| Northern white cedar         | 1             | 29                 | 87             |                | 3.00                          | 5.50           |
| Total average or spread      | 207           | 70,216             | 484,641        | 2.00-30.00     | 6.90                          | 6.87           |
| <b>Individual hardwoods:</b> |               |                    |                |                |                               |                |
| Oak                          | 13            | 468                | 4,581          | 4.94-20.00     | 9.39                          | 13.28          |
| Red oak                      | 1             | 60                 | 1,080          |                | 18.00                         | 14.90          |
| White oak                    |               |                    |                |                |                               | 23.12          |
| All oaks                     | 14            | 548                | 5,661          | 4.94-20.00     | 10.33                         | 14.33          |
| Soft maple                   | 5             | 104                | 604            | 4.00-7.00      | 6.07                          | 6.31           |
| Hard maple                   | 12            | 3,931              | 24,854         | 4.00-14.00     | 6.32                          | 11.00          |
| Maple                        | 41            | 2,590              | 35,393         | 4.50-30.00     | 13.67                         | 12.51          |
| All maples                   | 58            | 6,625              | 60,941         | 4.00-30.00     | 9.20                          | 11.97          |

## STUMPAGE AND LOG PRICES, 1945

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TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## NORTHEAST—STUMPAGE SALES—Continued

| Type of sale and species             | Transactions | Quantity   | Value     | Price range | Average price per M ft. b. m. |         |
|--------------------------------------|--------------|------------|-----------|-------------|-------------------------------|---------|
|                                      |              |            |           |             | 1945                          | 1943    |
| Individual hardwoods—Continued       | Number       | Mft. b. m. | Dollars   | Dollars     | Dollars                       | Dollars |
| Elm                                  | 3            | 28         | 366       | 7.00-15.00  | 13.07                         | 10.63   |
| Ash                                  | 4            | 61         | 738       | 6.00-25.00  | 12.10                         | 14.80   |
| Aspen                                | 5            | 971        | 4,491     | 4.00-7.00   | 4.63                          | 4.04    |
| Yellow poplar                        | 2            | 57         | 258       | 2.00-20.00  | 4.53                          | 13.39   |
| Birch                                | 33           | 13,388     | 88,721    | 4.00-18.33  | 6.63                          | 6.61    |
| Hickory                              | 1            | 5          | 55        |             | 11.00                         | 11.63   |
| Cherry                               | 7            | 126        | 1,395     | 0.00-30.00  | 11.07                         | 14.85   |
| Basswood                             | 17           | 458        | 4,423     | 1.00-15.00  | 9.60                          | 7.21    |
| Beech                                |              |            |           |             |                               |         |
| Total average or spread              | 144          | 22,267     | 167,049   | 1.00-30.00  | 7.40                          | 10.41   |
| Flat-rate softwoods                  | 36           | 46,649     | 469,081   | 4.00-15.00  | 5.64                          | 5.61    |
| Flat-rate hardwoods                  | 72           | 34,443     | 240,023   | 2.25-43.50  | 6.09                          | 7.31    |
| Flat-rate mixed                      | 20           | 9,621      | 69,736    | 2.00-15.00  | 6.27                          | 6.72    |
| Total average or spread, all species | 488          | 183,000    | 1,355,430 | 1.00-43.50  | 7.40                          | 6.80    |

## NORTHEAST—LOG SALES

|                                      |     |        |           |             |       |       |
|--------------------------------------|-----|--------|-----------|-------------|-------|-------|
| Individual softwoods:                |     |        |           |             |       |       |
| Norway pine                          | 32  | 6,111  | 159,352   | 20.00-40.00 | 26.08 | 22.00 |
| Jack pine                            |     |        |           |             |       | 14.00 |
| Northern white pine                  |     |        |           |             |       | 22.52 |
| Pitch pine                           |     |        |           |             |       | 26.00 |
| Shortleaf pine                       |     |        |           |             |       | 23.05 |
| Tamarack                             |     |        |           |             |       | 20.00 |
| Eastern spruce                       | 18  | 2,958  | 106,575   | 20.00-46.00 | 36.83 | 26.87 |
| Eastern hemlock                      | 12  | 627    | 15,144    | 19.27-45.00 | 24.15 | 21.28 |
| Balsam fir                           |     |        |           |             |       | 24.61 |
| Northern white cedar                 |     |        |           |             |       | 16.80 |
| Total average or spread              | 62  | 9,690  | 281,071   | 19.27-46.00 | 28.99 | 22.72 |
| Individual hardwoods:                |     |        |           |             |       |       |
| Oak                                  | 11  | 143    | 4,507     | 25.00-53.87 | 31.52 | 30.34 |
| Red oak                              | 1   | 73     | 2,555     |             | 35.00 | 31.27 |
| White oak                            | 1   | 31     | 1,550     |             | 50.00 | 30.00 |
| All oaks                             | 13  | 247    | 8,612     | 25.00-53.87 | 34.87 | 30.02 |
| Soft maple                           | 5   | 104    | 3,113     | 21.00-34.17 | 29.01 | 29.37 |
| Hard maple                           | 8   | 2,329  | 96,050    | 39.16-40.00 | 41.24 | 31.10 |
| Maple                                | 10  | 134    | 6,508     | 32.00-70.00 | 48.01 | 73.12 |
| All maples                           | 23  | 2,567  | 105,740   | 21.00-70.00 | 41.19 | 69.54 |
| Elm                                  | 8   | 184    | 7,801     | 23.70-57.00 | 42.40 | 41.39 |
| Rock elm                             |     |        |           |             |       | 29.00 |
| Ash                                  | 3   | 16     | 482       | 26.00-34.00 | 30.13 | 45.01 |
| Black walnut                         | 1   | 3      | 103       |             | 34.33 |       |
| Hatternut                            |     |        |           |             |       | 26.50 |
| Aspen                                | 5   | 170    | 5,304     | 28.00-34.41 | 31.20 | 17.56 |
| Yellow poplar                        | 1   | 4      | 178       |             | 44.50 | 14.67 |
| Birch                                | 20  | 3,784  | 157,740   | 21.53-50.00 | 41.69 | 58.58 |
| Hickory                              | 4   | 12     | 610       | 50.00-52.50 | 50.84 | 34.58 |
| Cherry                               | 6   | 97     | 4,194     | 28.22-57.63 | 43.24 | 40.69 |
| Basswood                             | 11  | 440    | 17,025    | 29.27-52.16 | 39.02 | 40.90 |
| Chestnut                             |     |        |           |             |       | 54.00 |
| Beech                                | 18  | 1,275  | 44,832    | 22.80-53.72 | 35.21 | 29.07 |
| Magnolia                             | 1   | 4      | 191       |             | 18.50 | 11.00 |
| Total average or spread              | 114 | 8,812  | 353,815   | 21.00-70.00 | 40.15 | 57.84 |
| Flat-rate softwoods                  | 1   | 180    | 3,040     |             | 28.00 | 21.25 |
| Flat-rate hardwoods                  | 15  | 6,563  | 309,676   | 24.02-62.00 | 47.15 | 35.82 |
| Flat-rate mixed                      | 6   | 3,701  | 175,683   | 27.00-50.00 | 46.65 | 39.24 |
| Total average or spread, all species | 198 | 28,970 | 1,123,805 | 19.27-70.00 | 38.70 | 35.69 |

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TABLE 2.—*Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

MIDDLE ATLANTIC—STUMPAGE SALES

| Type of sale and species             | Transactions | Quantity | Value   | Price range | Average price per M ft. b. m. |       |
|--------------------------------------|--------------|----------|---------|-------------|-------------------------------|-------|
|                                      |              |          |         |             | 1945                          | 1943  |
| <b>Individual softwoods:</b>         |              |          |         |             |                               |       |
| Northern white pine                  | 10           | 1,396    | 22,687  | 10.00-18.00 | 11.97                         | 11.67 |
| Pitch pine                           | 2            | 81       | 973     | 12.00-12.25 | 12.01                         |       |
| Shortleaf pine                       | 7            | 1,156    | 12,056  | 5.00-20.00  | 10.43                         | 8.35  |
| Eastern hemlock                      | 11           | 1,520    | 16,544  | 6.00-25.00  | 10.88                         | 8.68  |
| Cypress                              |              |          |         |             |                               | 13.27 |
| Southern white cedar                 |              |          |         |             |                               | 2.58  |
| Total average or spread              | 30           | 4,653    | 52,200  | 6.00-25.00  | 11.23                         | 8.78  |
| <b>Individual hardwoods:</b>         |              |          |         |             |                               |       |
| Oak                                  | 47           | 7,827    | 63,789  | 5.00-36.00  | 10.71                         | 9.01  |
| Red oak                              | 11           | 1,075    | 9,261   | 7.00-12.25  | 8.61                          | 9.07  |
| White oak                            | 2            | 111      | 875     | 7.25-12.25  | 7.88                          | 9.37  |
| All oaks                             | 60           | 9,013    | 83,925  | 5.00-36.00  | 10.42                         | 9.25  |
| Soft maple                           | 4            | 106      | 1,033   | 8.00-12.25  | 9.75                          | 6.44  |
| Hard maple                           | 1            | 33       | 1,691   |             | 18.00                         | 12.72 |
| Maple                                | 6            | 2,069    | 31,070  | 6.50-22.00  | 15.68                         | 10.22 |
| All maples                           | 11           | 2,199    | 32,697  | 6.50-22.00  | 14.87                         | 10.10 |
| Elm                                  | 2            | 301      | 1,810   | 6.00-10.00  | 6.01                          | 6.57  |
| Ash                                  | 1            | 2        | 25      |             | 12.50                         | 24.33 |
| Black walnut                         |              |          |         |             |                               | 12.86 |
| Red gum                              |              |          |         |             |                               | 14.85 |
| Tupelo gum                           | 1            | 4        | 49      |             | 12.25                         |       |
| Sycamore                             |              |          |         |             |                               | 8.06  |
| Locust                               | 1            | 4        | 49      |             | 12.25                         | 9.19  |
| Yellow poplar                        | 10           | 134      | 3,517   | 12.25-35.00 | 26.47                         | 12.30 |
| Birch                                |              |          |         |             |                               | 9.72  |
| Hickory                              | 2            | 18       | 432     | 7.25-25.00  | 24.00                         | 9.89  |
| Cherry                               |              |          |         |             |                               | 9.01  |
| Basswood                             | 2            | 23       | 254     | 10.00-18.00 | 11.04                         | 10.02 |
| Chestnut                             |              |          |         |             |                               | 4.95  |
| Beech                                | 6            | 691      | 8,442   | 6.00-20.00  | 12.22                         | 6.74  |
| Magnolia                             |              |          |         |             |                               | 12.97 |
| Total average or spread              | 90           | 12,389   | 141,230 | 5.00-36.00  | 11.40                         | 9.52  |
| Flat-rate softwoods                  |              |          |         |             |                               | 9.01  |
| Flat-rate hardwoods                  | 22           | 5,932    | 59,580  | 3.50-20.00  | 10.05                         | 6.69  |
| Flat-rate mixed                      | 11           | 8,637    | 83,680  | 5.00-30.00  | 9.69                          | 7.36  |
| Total average or spread, all species | 169          | 31,611   | 336,759 | 3.50-36.00  | 10.65                         | 8.14  |

MIDDLE ATLANTIC—LOG SALES

|                              |   |     |       |             |       |
|------------------------------|---|-----|-------|-------------|-------|
| <b>Individual softwoods:</b> |   |     |       |             |       |
| Northern white pine          |   |     |       |             | 29.61 |
| Shortleaf pine               |   |     |       |             | 24.82 |
| Eastern hemlock              | 1 | 4   | 108   |             | 27.00 |
| Total average or spread      | 1 | 4   | 108   |             | 25.03 |
| <b>Individual hardwoods:</b> |   |     |       |             |       |
| Oak                          | 2 | 132 | 3,370 | 25.00-60.00 | 25.53 |
| Red oak                      |   |     |       |             | 40.92 |
| White oak                    |   |     |       |             | 24.59 |
| All oaks                     | 2 | 132 | 3,370 | 25.00-60.00 | 40.53 |
| Soft maple                   | 1 | 1   | 27    |             | 25.81 |
| Hard maple                   | 1 | 2   | 62    |             | 31.60 |
| Maple                        |   |     |       |             | 33.82 |
| All maples                   | 2 | 3   | 89    | 27.00-31.00 | 28.93 |
|                              |   |     |       |             | 30.07 |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## MIDDLE ATLANTIC—LOG SALES—Continued

| Type of sale and species                  | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|---|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|   |               |                    |                |                | 1945                          | 1943           |
| <b>Individual hardwoods—Continued</b>     | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Elm.....                                  | 1             | 1                  | 25             |                | 25.00                         | 24.03          |
| Ash.....                                  | 1             | 7                  | 385            |                | 55.00                         | 47.01          |
| Black walnut.....                         | 1             | 1                  | 125            |                | 125.00                        |                |
| Red gum.....                              | 1             | 3                  | 180            |                | 60.00                         | 32.69          |
| Sycamore.....                             |               |                    |                |                |                               | 23.10          |
| Yellow poplar.....                        | 3             | 120                | 7,095          | 25.00-60.00    | 59.13                         | 43.30          |
| Birch.....                                |               |                    |                |                |                               | 24.79          |
| Hickory.....                              |               |                    |                |                |                               | 70.00          |
| Cherry.....                               | 2             | 12                 | 344            | 28.00-30.00    | 28.07                         | 33.01          |
| Basswood.....                             | 1             | 3                  | 84             |                | 28.00                         | 33.34          |
| Chestnut.....                             |               |                    |                |                |                               | 10.00          |
| Beech.....                                | 1             | 31                 | 837            |                | 27.00                         | 22.92          |
| Total average or spread.....              | 15            | 313                | 12,534         | 25.00-125.00   | 40.04                         | 34.68          |
| Flat-rate softwoods.....                  |               |                    |                |                |                               | 22.50          |
| Flat-rate hardwoods.....                  | 1             | 70                 | 3,150          |                | 45.00                         | 33.60          |
| Flat-rate mixed.....                      | 1             | 465                | 13,020         |                | 28.00                         | 22.85          |
| Total average or spread, all species..... | 18            | 852                | 28,812         | 25.00-125.00   | 33.82                         | 31.62          |

## LAKE STATES—STUMPAGE SALES

|   |     |         |           |             |       |        |
|---|-----|---------|-----------|-------------|-------|--------|
| <b>Individual softwoods:</b>              |     |         |           |             |       |        |
| Norway pine.....                          | 17  | 1,184   | 9,073     | 3.00-18.00  | 7.60  | 7.22   |
| Jack pine.....                            | 45  | 8,531   | 39,076    | 2.00-25.00  | 4.65  | 5.22   |
| Northern pine.....                        | 64  | 7,328   | 77,905    | 1.82-30.00  | 10.84 | 10.82  |
| Tamarack.....                             | 4   | 710     | 735       | 1.00-2.00   | 1.04  | 3.26   |
| Eastern spruce.....                       | 34  | 28,743  | 177,173   | 4.00-15.17  | 8.18  | 6.22   |
| Eastern hemlock.....                      | 28  | 70,905  | 232,888   | 1.00-25.00  | 3.03  | 3.26   |
| Balsam fir.....                           | 25  | 21,107  | 85,965    | 2.00-6.00   | 4.07  | 3.76   |
| Northern white cedar.....                 | 5   | 201     | 424       | 1.00-6.00   | 2.11  | 3.46   |
| Total average or spread.....              | 223 | 144,709 | 623,922   | 1.00-30.00  | 4.31  | 5.73   |
| <b>Individual hardwoods:</b>              |     |         |           |             |       |        |
| Oak.....                                  | 22  | 1,285   | 13,921    | 6.00-35.00  | 10.83 | 9.82   |
| Red oak.....                              | 4   | 107     | 2,645     | 15.00-50.00 | 15.84 | 10.89  |
| White oak.....                            |     |         |           |             |       | 25.09  |
| All oaks.....                             | 26  | 1,452   | 16,566    | 6.00-50.00  | 11.41 | 10.79  |
| Soft maple.....                           | 7   | 808     | 6,547     | 5.00-30.00  | 8.10  | 13.50  |
| Hard maple.....                           | 8   | 8,255   | 69,550    | 5.00-35.00  | 7.19  | 9.10   |
| Maple.....                                | 37  | 21,973  | 164,054   | 2.00-35.00  | 7.47  | 9.09   |
| All maples.....                           | 52  | 31,060  | 230,187   | 2.00-35.00  | 7.41  | 9.47   |
| Elm.....                                  | 26  | 1,710   | 13,342    | 1.50-27.50  | 7.80  | 8.88   |
| Rock elm.....                             |     |         |           |             |       | 27.51  |
| Ash.....                                  | 19  | 1,591   | 11,042    | 1.50-30.00  | 6.94  | 7.11   |
| Black walnut.....                         |     |         |           |             |       | 100.78 |
| Sycamore.....                             | 1   | 2       | 20        |             | 10.00 | 10.00  |
| Aspen.....                                | 61  | 7,293   | 19,893    | .80-18.00   | 2.72  | 4.92   |
| Cottonwood.....                           |     |         |           |             |       | 15.00  |
| Yellow poplar.....                        | 2   | 2       | 70        | 20.00-50.00 | 35.00 | 13.00  |
| Birch.....                                | 21  | 22,005  | 338,959   | 1.00-35.00  | 24.49 | 16.70  |
| Hickory.....                              | 1   | 2       | 20        |             | 70.00 | 24.00  |
| Cherry.....                               | 2   | 33      | 470       | 6.67-16.00  | 14.24 | 17.73  |
| Basswood.....                             | 23  | 2,190   | 25,021    | 3.50-80.00  | 11.70 | 12.28  |
| Beech.....                                | 10  | 305     | 2,775     | 2.00-30.00  | 9.10  | 12.51  |
| Total average or spread.....              | 244 | 67,051  | 858,929   | .80-50.00   | 12.70 | 10.21  |
| Flat-rate softwoods.....                  | 3   | 553     | 2,250     | 3.40-15.00  | 4.07  | 4.69   |
| Flat-rate hardwoods.....                  | 89  | 10,043  | 107,813   | 1.74-31.33  | 10.11 | 9.67   |
| Flat-rate mixed.....                      | 61  | 21,885  | 100,000   | 1.22-25.00  | 8.06  | 7.48   |
| Total average or spread, all species..... | 620 | 246,441 | 1,788,720 | .80-50.00   | 7.29  | 7.87   |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

LAKE STATES—LOG SALES

| Type of sale and species                  | Transactions  | Quantity          | Value          | Price range    | Average price per M. ft. b. m. |                |
|---|---------------|-------------------|----------------|----------------|--------------------------------|----------------|
|   |               |                   |                |                | 1945                           | 1943           |
| <b>Individual softwoods:</b>              | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                 | <i>Dollars</i> |
| Norway pine.....                          | 11            | 303               | 9,139          | 12.00-43.00    | 30.16                          | 30.06          |
| Jack pine.....                            | 14            | 596               | 16,604         | 19.00-55.00    | 27.86                          | 25.02          |
| Northern white pine.....                  | 62            | 2,972             | 106,016        | 16.00-84.60    | 35.67                          | 33.71          |
| Lamarack.....                             | 2             | 6                 | 175            | 25.00-50.00    | 29.17                          | 20.00          |
| Eastern spruce.....                       | 20            | 664               | 22,829         | 23.00-43.00    | 34.38                          | 33.17          |
| Eastern hemlock.....                      | 39            | 30,534            | 931,548        | 17.00-40.00    | 30.51                          | 26.28          |
| Balsam fir.....                           | 5             | 816               | 27,093         | 25.00-33.50    | 33.20                          | 33.97          |
| Northern white cedar.....                 | 3             | 12                | 335            | 20.00-30.90    | 27.92                          | 27.70          |
| Total average or spread.....              | 156           | 35,803            | 1,113,739      | 12.00-84.60    | 31.02                          | 29.90          |
| <b>Individual hardwoods:</b>              |               |                   |                |                |                                |                |
| Oak.....                                  | 36            | 776               | 39,816         | 22.00-76.00    | 51.31                          | 38.13          |
| Red oak.....                              | 4             | 309               | 23,304         | 30.00-78.42    | 75.42                          | 44.63          |
| White oak.....                            | 1             | 1                 | 28             | -----          | 28.00                          | 43.52          |
| All oaks.....                             | 41            | 1,086             | 63,148         | 22.00-78.42    | 58.15                          | 43.55          |
| Soft maple.....                           | 26            | 745               | 30,240         | 22.00-71.00    | 40.59                          | 38.88          |
| Hard maple.....                           | 53            | 14,841            | 658,696        | 22.00-96.00    | 44.45                          | 39.38          |
| Maple.....                                | 32            | 2,325             | 183,337        | 22.00-130.00   | 78.85                          | 56.22          |
| All maples.....                           | 111           | 17,911            | 873,273        | 22.00-130.00   | 48.76                          | 50.29          |
| Elm.....                                  | 67            | 2,234             | 121,525        | 19.50-67.32    | 53.21                          | 39.59          |
| Rock elm.....                             |               |                   |                |                |                                | 29.46          |
| Asb.....                                  | 40            | 509               | 21,666         | 15.00-70.00    | 42.57                          | 28.56          |
| Black walnut.....                         | 1             | 2                 | 390            | -----          | 15.00                          | 157.91         |
| Butternut.....                            | 4             | 5                 | 255            | 29.00-86.80    | 61.00                          | 64.00          |
| Sycamore.....                             | 1             | 40                | 3,063          | -----          | 76.58                          | 39.00          |
| Aspen.....                                | 59            | 7,686             | 208,381        | 8.00-58.80     | 26.85                          | 25.35          |
| Cottonwood.....                           | 1             | 367               | 21,635         | -----          | 58.95                          | 35.14          |
| Yellow poplar.....                        | 1             | 5                 | 350            | -----          | 70.00                          | -----          |
| Birch.....                                | 64            | 11,024            | 1,049,448      | 24.00-128.00   | 88.01                          | 91.77          |
| Hickory.....                              |               |                   |                |                |                                | 47.50          |
| Cherry.....                               | 2             | 12                | 547            | 30.00-50.00    | 45.00                          | 39.33          |
| Hasswood.....                             | 77            | 2,474             | 170,155        | 23.00-89.00    | 68.78                          | 55.50          |
| Beech.....                                | 14            | 1,232             | 34,303         | 20.00-51.00    | 27.84                          | 26.40          |
| Hackberry.....                            | 2             | 17                | 1,272          | 53.50-79.80    | 74.82                          | 40.00          |
| Total average or spread.....              | 485           | 45,554            | 2,567,314      | 8.00-130.00    | 56.36                          | 60.87          |
| Flat-rate softwoods.....                  | 1             | 5                 | 130            | -----          | 26.00                          | 28.26          |
| Flat-rate hardwoods.....                  | 33            | 1,630             | 74,036         | 22.00-103.84   | 38.36                          | 27.09          |
| Flat-rate mixed.....                      | 9             | 430               | 12,423         | 18.00-43.00    | 28.90                          | 30.44          |
| Total average or spread, all species..... | 684           | 83,822            | 3,767,644      | 8.00-130.00    | 44.95                          | 44.54          |

CENTRAL—STUMPAGE SALES

|                              |     |        |         |            |       |
|------------------------------|-----|--------|---------|------------|-------|
| <b>Individual softwoods:</b> |     |        |         |            |       |
| Northern white pine.....     |     |        |         |            | 7.64  |
| Shortleaf pine.....          | 7   | 684    | 8,036   | 4.60-10.00 | 6.90  |
| Eastern hemlock.....         | 2   | 1,250  | 3,768   | 3.00-5.00  | 6.84  |
| Cypress.....                 |     |        |         |            | 12.84 |
| Eastern red cedar.....       | 19  | 575    | 12,155  | 7.14-41.67 | 20.47 |
| Total average or spread..... | 28  | 2,809  | 23,959  | 3.00-41.67 | 9.37  |
| <b>Individual hardwoods:</b> |     |        |         |            |       |
| Oak.....                     | 43  | 7,289  | 58,966  | 3.80-35.00 | 8.61  |
| Red Oak.....                 | 33  | 1,627  | 25,235  | 6.00-25.00 | 9.56  |
| White oak.....               | 30  | 3,741  | 76,884  | 7.00-65.22 | 16.66 |
| All oaks.....                | 106 | 12,657 | 161,085 | 3.80-65.22 | 10.27 |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## CENTRAL—STUMPAGE SALES—Continued

| Type of sale and species                       | Trans-<br>actions | Quantity          | Value          | Price range        | Average price<br>per M ft. b. m. |                |
|--|-------------------|-------------------|----------------|--------------------|----------------------------------|----------------|
|  |                   |                   |                |                    | 1945                             | 1943           |
| <b>Individual hardwoods—Continued</b>          | <b>Number</b>     | <b>Mft. b. m.</b> | <b>Dollars</b> | <b>Dollars</b>     | <b>Dollars</b>                   | <b>Dollars</b> |
| Soft maple.....                                | 6                 | 290               | 2,683          | 6.00-20.00         | 9.60                             | 14.33          |
| Hard maple.....                                | 9                 | 895               | 14,210         | 8.00-30.00         | 15.88                            | 17.28          |
| Maple.....                                     | 8                 | 379               | 7,212          | 1.00-37.33         | 19.03                            | 11.20          |
| <b>All maples.....</b>                         | <b>23</b>         | <b>1,564</b>      | <b>24,110</b>  | <b>6.00-37.33</b>  | <b>15.51</b>                     | <b>14.10</b>   |
| Elm.....                                       | 15                | 360               | 3,482          | 6.00-18.00         | 9.67                             | 11.80          |
| Ash.....                                       | 12                | 539               | 19,481         | 18.00-40.00        | 36.14                            | 15.92          |
| Black walnut.....                              | 10                | 55                | 2,558          | 20.83-156.25       | 46.51                            | 50.50          |
| Red gum.....                                   | 6                 | 579               | 2,790          | 3.00-15.00         | 4.83                             | 10.97          |
| Tupelo gum.....                                |                   |                   |                |                    |                                  | 8.00           |
| Black gum.....                                 |                   |                   |                |                    |                                  | 5.30           |
| Sycamore.....                                  | 10                | 340               | 3,636          | 6.00-15.00         | 10.69                            | 8.51           |
| Locust.....                                    |                   |                   |                |                    |                                  | 10.83          |
| Cottonwood.....                                | 14                | 551               | 5,473          | 8.00-25.15         | 9.93                             | 7.46           |
| Yellow poplar.....                             | 12                | 1,134             | 21,292         | 9.00-33.50         | 18.78                            | 13.85          |
| Birch.....                                     | 1                 | 34                | 371            |                    | 11.00                            | 6.11           |
| Hickory.....                                   | 13                | 1,044             | 10,110         | 5.00-22.50         | 9.68                             | 0.35           |
| Cherry.....                                    | 3                 | 12                | 275            | 22.00-30.00        | 22.62                            | 13.24          |
| Basswood.....                                  | 7                 | 216               | 2,700          | 8.00-20.00         | 12.50                            | 14.73          |
| Chestnut.....                                  | 2                 | 71                | 204            | 3.00-6.00          | 4.14                             | 5.73           |
| Beech.....                                     | 17                | 2,132             | 21,337         | 4.35-15.00         | 10.01                            | 7.20           |
| Hackberry.....                                 | 1                 | 13                | 195            |                    | 15.00                            | 8.17           |
| Magnolia.....                                  | 1                 | 25                | 336            |                    | 12.00                            | 15.00          |
| Buckeye.....                                   | 2                 | 13                | 153            | 8.00-15.00         | 11.77                            | 4.44           |
| <b>Total average or spread.....</b>            | <b>255</b>        | <b>21,332</b>     | <b>270,687</b> | <b>3.00-156.25</b> | <b>13.11</b>                     | <b>10.80</b>   |
| Flat-rate softwoods.....                       |                   |                   |                |                    |                                  | 5.25           |
| Flat-rate hardwoods.....                       | 90                | 24,282            | 235,313        | 1.07-81.17         | 9.71                             | 6.98           |
| Flat-rate mixed.....                           | 14                | 5,487             | 20,960         | 3.00-20.00         | 4.91                             | 6.81           |
| <b>Total averages spread, all species.....</b> | <b>387</b>        | <b>53,860</b>     | <b>505,910</b> | <b>1.07-156.25</b> | <b>10.51</b>                     | <b>8.49</b>    |

## CENTRAL—LOG SALES

|                                     |           |              |               |                     |              |              |
|-------------------------------------|-----------|--------------|---------------|---------------------|--------------|--------------|
| <b>Individual softwoods:</b>        |           |              |               |                     |              |              |
| Northern white pine.....            |           |              |               |                     |              | 21.25        |
| Shortleaf pine.....                 | 1         | 50           | 1,000         |                     | 20.00        | 18.43        |
| Eastern hemlock.....                |           |              |               |                     |              | 23.87        |
| Cypress.....                        |           |              |               |                     |              | 26.00        |
| Eastern red cedar.....              | 1         | 92           | 4,600         |                     | 50.00        | 38.02        |
| <b>Total average or spread.....</b> | <b>2</b>  | <b>142</b>   | <b>5,600</b>  | <b>20.00-50.00</b>  | <b>39.44</b> | <b>25.93</b> |
| <b>Individual hardwoods:</b>        |           |              |               |                     |              |              |
| Willow.....                         |           |              |               |                     |              | 21.00        |
| Oak.....                            | 7         | 338          | 10,634        | 22.50-100.00        | 47.44        | 21.30        |
| Red oak.....                        | 14        | 1,011        | 38,401        | 16.00-75.36         | 37.98        | 36.33        |
| White oak.....                      | 8         | 470          | 39,687        | 20.00-110.00        | 81.56        | 44.21        |
| <b>All oaks.....</b>                | <b>29</b> | <b>1,828</b> | <b>93,502</b> | <b>16.00-110.00</b> | <b>51.15</b> | <b>34.84</b> |
| Soft maple.....                     | 1         | 13           | 611           |                     | 47.00        | 28.24        |
| Hard maple.....                     | 1         | 71           | 6,390         |                     | 90.00        | 39.20        |
| Maple.....                          | 11        | 440          | 21,490        | 35.00-60.00         | 48.85        | 40.85        |
| <b>All maples.....</b>              | <b>13</b> | <b>524</b>   | <b>28,500</b> | <b>35.00-60.00</b>  | <b>54.39</b> | <b>30.66</b> |
| Elm.....                            | 7         | 123          | 4,595         | 30.00-60.00         | 37.30        | 26.37        |
| Rock elm.....                       |           |              |               |                     |              | 25.00        |
| Ash.....                            | 7         | 185          | 10,407        | 45.00-83.00         | 56.74        | 42.63        |
| Black walnut.....                   | 8         | 278          | 32,478        | 73.51-139.03        | 110.83       | 114.08       |
| Butternut.....                      |           |              |               |                     |              | 30.71        |
| Red gum.....                        | 10        | 205          | 21,185        | 35.00-82.39         | 71.81        | 64.19        |
| Tupelo gum.....                     | 1         | 14           | 742           |                     | 53.00        |              |
| Black gum.....                      | 1         | 1            | 12            |                     | 12.00        | 26.38        |
| Sycamore.....                       | 9         | 354          | 10,714        | 30.00-54.77         | 47.21        | 25.83        |
| Locust.....                         |           |              |               |                     |              | 25.00        |
| Cottonwood.....                     | 6         | 73           | 2,719         | 25.00-47.00         | 37.25        | 24.25        |

TABLE 2.—*Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1945 and 1946—Continued*

## CENTRAL—LOG SALES—Continued

| Type of sale and species             | Transactions | Quantity     | Value    | Price range  | Average price per M. ft. b. m. |         |
|--------------------------------------|--------------|--------------|----------|--------------|--------------------------------|---------|
|                                      |              |              |          |              | 1945                           | 1946    |
|                                      | Number       | M. ft. b. m. | Dollars  | Dollars      | Dollars                        | Dollars |
| Individual hardwoods—Continued       |              |              |          |              |                                |         |
| Yellow poplar                        | 10           | 1, 223       | 81, 877  | 50.00—90.00  | 65.95                          | 61.46   |
| Birch                                |              |              |          |              |                                | 157.94  |
| Pecan                                |              |              |          |              |                                | 14.00   |
| Hickory                              | 4            | 114          | 5, 085   | 40.00—45.00  | 44.61                          | 32.85   |
| Cherry                               | 3            | 8            | 387      | 31.60—52.30  | 48.38                          | 42.76   |
| Basswood                             | 4            | 49           | 2, 665   | 43.31—60.00  | 54.39                          | 44.33   |
| Chestnut                             | 1            | 43           | 1, 290   |              | 30.00                          | 17.76   |
| Beech                                | 9            | 251          | 8, 585   | 22.50—60.00  | 34.20                          | 25.06   |
| Hackberry                            | 1            | 2            | 120      |              | 60.00                          | 27.38   |
| Magnolia                             | 1            | 1            | 50       |              | 50.00                          | 100.41  |
| Buckeye                              |              |              |          |              |                                | 16.04   |
| Total average or spread              | 121          | 5, 360       | 311, 003 | 12.00—130.00 | 57.96                          | 46.30   |
| Flat-rate hardwoods                  | 7            | 346          | 8, 033   | 22.50—50.00  | 32.65                          | 25.62   |
| Flat-rate mixed                      | 3            | 2, 062       | 58, 149  | 22.00—30.00  | 28.20                          | 25.15   |
| Total average or spread, all species | 133          | 7, 810       | 382, 785 | 12.00—130.00 | 48.97                          | 40.13   |

## SOUTH ATLANTIC—STUMPAGE SALES

|                            |     |         |          |             |       |       |
|----------------------------|-----|---------|----------|-------------|-------|-------|
| Individual softwoods:      |     |         |          |             |       |       |
| Northern white pine        |     |         |          |             |       | 10.11 |
| Longleaf pine              |     |         |          |             |       | 10.15 |
| Shortleaf pine             | 160 | 64, 826 | 697, 193 | 2.67—31.00  | 10.75 | 10.01 |
| Southern pine, unspecified | 28  | 9, 374  | 132, 088 | 10.00—25.00 | 14.09 | 11.31 |
| All southern pine          | 188 | 74, 200 | 829, 281 | 2.67—31.00  | 11.18 | 10.16 |
| Eastern spruce             | 1   | 80      | 440      |             | 5.50  |       |
| Eastern hemlock            | 1   | 470     | 705      |             | 1.50  | 4.01  |
| Cypress                    | 1   | 352     | 2, 112   |             | 6.00  | 11.30 |
| Southern white cedar       |     |         |          |             |       | 7.98  |
| Eastern red cedar          |     |         |          |             |       | 11.00 |
| Balsam fir                 | 1   | 70      | 55       |             | 5.50  |       |
| Total average or spread    | 102 | 75, 112 | 832, 593 | 1.50—31.00  | 11.08 | 10.15 |
| Individual hardwoods:      |     |         |          |             |       |       |
| Oak                        | 27  | 4, 775  | 75, 623  | 5.00—35.00  | 15.84 | 8.25  |
| Red oak                    | 3   | 704     | 6, 936   | 4.00—10.00  | 9.85  | 6.87  |
| White oak                  | 1   | 450     | 5, 400   |             | 12.00 | 9.00  |
| All oaks                   | 31  | 5, 929  | 87, 959  | 4.00—35.00  | 14.84 | 8.28  |
| Soft maple                 | 1   | 10      | 80       |             | 8.00  | 8.63  |
| Hard maple                 | 1   | 35      | 438      |             | 12.51 | 4.10  |
| Maple                      |     |         |          |             |       | 7.35  |
| All maples                 | 2   | 45      | 518      | 8.00—12.51  | 11.51 | 5.74  |
| Ash                        | 1   | 5       | 48       |             | 9.60  | 10.32 |
| Black walnut               | 1   | 15      | 390      |             | 20.00 | 25.22 |
| Red gum                    | 15  | 1, 020  | 28, 105  | 2.78—28.30  | 14.64 | 10.64 |
| Tupelo gum                 | 4   | 285     | 3, 653   | 12.50—15.00 | 14.76 | 8.72  |
| Black gum                  | 1   | 70      | 700      |             | 10.00 | 8.53  |
| Sycamore                   |     |         |          |             |       | 6.43  |
| Yellow poplar              | 13  | 463     | 6, 952   | 8.00—32.00  | 15.38 | 8.03  |
| Birch                      | 1   | 120     | 660      |             | 5.60  | 8.21  |
| Hickory                    | 1   | 125     | 1, 500   |             | 12.00 | 5.30  |
| Cherry                     | 1   | 6       | 60       |             | 10.00 | 8.00  |
| Basswood                   | 1   | 15      | 143      |             | 9.53  | 8.47  |
| Chestnut                   | 1   | 40      | 80       |             | 2.00  | 4.32  |
| Beech                      | 1   | 15      | 30       |             | 2.00  | 5.52  |
| Magnolia                   | 1   | 5       | 48       |             | 9.60  |       |
| Buckeye                    | 1   | 10      | 15       |             | 1.60  |       |
| Total average or spread    | 70  | 9, 027  | 130, 781 | 1.50—35.00  | 14.49 | 8.86  |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## SOUTH ATLANTIC—STUMPAGE SALES—Continued

| Type of sale and species                  | Transactions | Quantity        | Value         | Price range         | Average price per M ft. b. m. |              |
|---|--------------|-----------------|---------------|---------------------|-------------------------------|--------------|
|   |              |                 |               |                     | 1945                          | 1943         |
| Flat-rate hardwoods.....                  | Number 8     | M/ft. b. m. 627 | Dollars 9,823 | Dollars 15.00-22.50 | Dollars 15.67                 | Dollars 6.04 |
| Flat-rate mixed.....                      | 33           | 62,243          | 646,762       | 3.41-25.28          | 15.11                         | 9.01         |
| Total average or spread, all species..... | 307          | 147,009         | 1,013,950     | 1.50-35.00          | 13.02                         | 9.47         |

## SOUTH ATLANTIC—LOG SALES

|   |    |        |         |             |       |        |
|---|----|--------|---------|-------------|-------|--------|
| Individual softwoods:                     |    |        |         |             |       |        |
| Northern white pine.....                  | 1  | 75     | 375     |             | 25.00 | 20.28  |
| Shortleaf pine.....                       | 12 | 1,007  | 29,453  | 21.00-32.00 | 20.25 | 23.97  |
| Southern pine, unspecified.....           | 3  | 348    | 10,854  | 23.00-32.50 | 31.19 | 22.01  |
| All southern pine.....                    | 15 | 1,355  | 40,312  | 23.00-32.50 | 29.75 | 23.83  |
| Eastern hemlock.....                      |    |        |         |             |       | 23.18  |
| Cypress.....                              |    |        |         |             |       | 31.88  |
| Eastern red cedar.....                    |    |        |         |             |       | 59.74  |
| Total average or spread.....              | 16 | 1,370  | 40,637  | 23.00-32.50 | 29.70 | 25.03  |
| Individual hardwoods:                     |    |        |         |             |       |        |
| Oak.....                                  | 5  | 4,353  | 110,368 | 24.00-43.00 | 25.89 | 24.61  |
| Red oak.....                              |    |        |         |             |       | 22.97  |
| White oak.....                            | 1  | 25     | 725     |             | 20.00 | 25.35  |
| All oaks.....                             | 6  | 4,288  | 111,091 | 24.00-43.00 | 25.91 | 23.95  |
| Soft maple.....                           |    |        |         |             |       | 26.09  |
| Hard maple.....                           |    |        |         |             |       | 65.00  |
| Maple.....                                | 1  | 100    | 4,700   |             | 47.00 | 33.04  |
| All maples.....                           | 1  | 100    | 4,700   |             | 47.00 | 32.20  |
| Elm.....                                  |    |        |         |             |       | 18.40  |
| Ash.....                                  | 3  | 35     | 1,750   |             | 50.00 | 30.84  |
| Black walnut.....                         |    |        |         |             |       | 112.39 |
| Red gum.....                              | 5  | 1,070  | 43,635  | 25.00-50.00 | 40.78 | 40.83  |
| Tupelo gum.....                           |    |        |         |             |       | 24.54  |
| Black gum.....                            | 1  | 509    | 24,240  |             | 40.00 | 31.23  |
| Sycamore.....                             | 1  | 62     | 1,860   |             | 30.00 | 39.34  |
| Locust.....                               |    |        |         |             |       | 41.00  |
| Cottonwood.....                           |    |        |         |             |       | 18.75  |
| Yellow poplar.....                        | 4  | 408    | 17,054  | 20.00-48.00 | 41.60 | 43.03  |
| Hickory.....                              | 1  | 0      | 180     |             | 30.00 | 48.55  |
| Hickory.....                              |    |        |         |             |       | 21.80  |
| Basswood.....                             |    |        |         |             |       | 29.57  |
| Chestnut.....                             |    |        |         |             |       | 22.70  |
| Beech.....                                |    |        |         |             |       | 23.27  |
| Rackberry.....                            |    |        |         |             |       | 18.00  |
| Buckeye.....                              |    |        |         |             |       | 24.00  |
| Total average or spread.....              | 22 | 6,575  | 204,510 | 24.00-50.00 | 31.10 | 35.20  |
| Flat-rate hardwoods.....                  | 4  | 900    | 28,005  | 25.00-34.00 | 29.56 | 40.71  |
| Flat-rate mixed.....                      | 3  | 6,028  | 309,334 | 30.00-43.54 | 41.48 | 29.26  |
| Total average or spread, all species..... | 45 | 18,533 | 673,190 | 23.00-50.00 | 36.32 | 30.61  |

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TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

SOUTH—STUMPAGE SALES

| Type of sale and species                  | Trans-actious | Quantity    | Value     | Price range | Average price per M ft. b. m. |         |
|---|---------------|-------------|-----------|-------------|-------------------------------|---------|
|   |               |             |           |             | 1945                          | 1943    |
| <b>Individual softwoods:</b>              |               |             |           |             |                               |         |
| Longleaf pine.....                        | Number        | M ft. b. m. | Dollars   | Dollars     | Dollars                       | Dollars |
| Shortleaf pine.....                       | 8             | 6,694       | 30,125    | 8.00-25.00  | 13.45                         | 9.95    |
| Southern pine, unspecified.....           | 20            | 23,324      | 246,591   | 5.00-25.00  | 19.59                         | 9.46    |
|   | 170           | 77,015      | 334,010   | 1.97-28.57  | 6.83                          | 9.77    |
| All southern pine.....                    | 196           | 107,033     | 871,035   | 1.97-28.57  | 8.14                          | 9.64    |
| Cypress.....                              | 2             | 110         | 1,870     | 7.00-18.00  | 17.00                         | 10.37   |
| Eastern red cedar.....                    |               |             |           |             |                               | 22.04   |
| Total average or spread.....              | 198           | 107,143     | 872,905   | 1.97-28.57  | 8.15                          | 9.66    |
| <b>Individual hardwoods:</b>              |               |             |           |             |                               |         |
| Willow.....                               |               |             |           |             |                               | 3.00    |
| Oak.....                                  | 13            | 1,335       | 11,462    | 2.78-22.32  | 8.59                          | 5.95    |
| Red oak.....                              |               |             |           |             |                               | 6.67    |
| White oak.....                            |               |             |           |             |                               | 7.34    |
| All oaks.....                             | 13            | 1,335       | 11,462    | 2.78-22.32  | 8.59                          | 6.22    |
| Maple.....                                | 1             | 1           | 7         |             | 7.00                          | 9.49    |
| Elm.....                                  |               |             |           |             |                               | 4.15    |
| Ash.....                                  |               |             |           |             |                               | 8.91    |
| Black walnut.....                         |               |             |           |             |                               | 6.00    |
| Red gum.....                              | 18            | 9,678       | 79,226    | 1.00-15.00  | 8.19                          | 8.18    |
| Tupelo gum.....                           |               |             |           |             |                               | 5.58    |
| Black gum.....                            |               |             |           |             |                               | 6.71    |
| Sycamore.....                             |               |             |           |             |                               | 4.61    |
| Cottonwood.....                           |               |             |           |             |                               | 5.60    |
| Yellow poplar.....                        | 5             | 840         | 6,585     | 7.00-15.00  | 7.84                          | 8.73    |
| Ritch.....                                |               |             |           |             |                               | 8.00    |
| Pecan.....                                |               |             |           |             |                               | 4.02    |
| Hickory.....                              |               |             |           |             |                               | 9.10    |
| Basswood.....                             |               |             |           |             |                               | 4.50    |
| Chestnut.....                             |               |             |           |             |                               | 2.00    |
| Beech.....                                | 1             | 50          | 250       |             | 5.00                          | 3.20    |
| Hackberry.....                            |               |             |           |             |                               | 7.22    |
| Magnolia.....                             | 2             | 51          | 357       |             | 7.00                          | 7.21    |
| Total average or spread.....              | 40            | 11,955      | 97,887    | 1.00-22.32  | 8.19                          | 6.93    |
| Flint-rate softwoods.....                 | 3             | 80          | 400       |             | 5.00                          |         |
| Flint-rate hardwoods.....                 | 91            | 21,299      | 183,005   | 3.00-40.00  | 8.63                          | 8.75    |
| Flint-rate mixed.....                     | 69            | 134,685     | 1,174,033 | 3.75-27.00  | 8.72                          | 7.07    |
| Total average or spread, all species..... | 371           | 275,072     | 2,328,218 | 1.00-40.00  | 8.45                          | 8.40    |

SOUTH—LOG SALES

|                                 |    |        |           |             |       |       |
|---------------------------------|----|--------|-----------|-------------|-------|-------|
| <b>Individual softwoods:</b>    |    |        |           |             |       |       |
| Longleaf pine.....              | 1  | 490    | 24,000    |             | 50.00 | 29.64 |
| Shortleaf pine.....             | 2  | 2,046  | 84,480    | 30.00-45.00 | 41.29 | 18.97 |
| Southern pine, unspecified..... | 21 | 83,623 | 1,409,221 | 16.70-49.25 | 17.03 | 18.48 |
| All southern pine.....          | 24 | 86,159 | 1,607,701 | 16.70-50.00 | 18.60 | 19.39 |
| Cypress.....                    | 5  | 1,843  | 43,800    | 20.42-34.19 | 23.77 | 22.52 |
| Eastern red cedar.....          |    |        |           |             |       | 50.00 |
| Total average or spread.....    | 29 | 87,892 | 1,651,507 | 16.70-50.00 | 18.77 | 19.52 |
| <b>Individual hardwoods:</b>    |    |        |           |             |       |       |
| Willow.....                     |    |        |           |             |       | 21.54 |
| Oak.....                        | 5  | 748    | 17,130    | 20.00-25.50 | 22.90 | 19.00 |
| Red oak.....                    |    |        |           |             |       | 23.06 |
| White oak.....                  |    |        |           |             |       | 24.08 |
| All oaks.....                   | 5  | 748    | 17,130    | 20.00-25.50 | 22.90 | 20.02 |

TABLE 2.—Stumpage and log sales in eastern regions, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## SOUTH—LOG SALES—Continued

| Type of sale and species                     | Trans-<br>actions | Quantity   | Value     | Price range  | Average price<br>per M ft. b. m. |         |
|--|-------------------|------------|-----------|--------------|----------------------------------|---------|
|  |                   |            |           |              | 1945                             | 1943    |
| Individual hardwoods—Continued               | Number            | Mft. b. m. | Dollars   | Dollars      | Dollars                          | Dollars |
| Soft maple.....                              |                   |            |           |              |                                  | 23.04   |
| Maple.....                                   |                   |            |           |              |                                  | 23.99   |
| All maples.....                              |                   |            |           |              |                                  | 23.50   |
| Elm.....                                     | 1                 | 54         | 1,188     |              | 22.00                            | 20.31   |
| Rock elm.....                                |                   |            |           |              |                                  | 16.85   |
| Ash.....                                     | 1                 | 36         | 1,680     |              | 30.00                            | 32.80   |
| Black walnut.....                            | 1                 | 288        | 49,392    |              | 171.50                           | 75.85   |
| Red gum.....                                 | 15                | 9,654      | 335,651   | 29.00—84.77  | 37.18                            | 28.88   |
| Tupelo gum.....                              |                   |            |           |              |                                  | 25.55   |
| Black gum.....                               | 2                 | 132        | 3,168     | 23.60—26.00  | 24.00                            | 28.48   |
| Sycamore.....                                | 2                 | 121        | 4,890     | 22.00—52.50  | 40.40                            | 52.15   |
| Locust.....                                  |                   |            |           |              |                                  | 16.00   |
| Cottonwood.....                              | 3                 | 563        | 20,425    | 22.00—40.00  | 34.28                            | 20.13   |
| Yellow poplar.....                           | 1                 | 452        | 11,300    |              | 25.00                            | 25.31   |
| Birch.....                                   |                   |            |           |              |                                  | 15.88   |
| Pecan.....                                   |                   |            |           |              |                                  | 17.95   |
| Hickory.....                                 | 1                 | 84         | 1,032     |              | 23.00                            | 32.59   |
| Cherry.....                                  | 1                 | 6          | 378       |              | 63.00                            |         |
| Beech.....                                   |                   |            |           |              |                                  | 21.79   |
| Hackberry.....                               |                   |            |           |              |                                  | 16.57   |
| Magnolia.....                                |                   |            |           |              |                                  | 28.03   |
| Persimmon.....                               |                   |            |           |              |                                  | 65.00   |
| Total average or spread.....                 | 33                | 11,538     | 447,533   | 20.00—171.50 | 38.79                            | 26.45   |
| Fat-rate hardwoods.....                      | 12                | 6,823      | 181,552   | 22.00—32.63  | 26.61                            | 23.52   |
| Flat-rate mixed.....                         | 9                 | 33,454     | 778,790   | 18.65—34.00  | 23.28                            | 24.61   |
| Total average or spread, all<br>species..... | 54                | 139,807    | 3,059,322 | 16.70—171.50 | 21.88                            | 22.58   |

TABLE 3.—Stumpage and log sales in the Lake States, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## MICHIGAN—STUMPAGE SALES

| Type of sale and species     | Trans-<br>actions | Quantity   | Value   | Price range | Average price<br>per M ft. b. m. |         |
|------------------------------|-------------------|------------|---------|-------------|----------------------------------|---------|
|                              |                   |            |         |             | 1945                             | 1943    |
| Individual softwoods:        | Number            | Mft. b. m. | Dollars | Dollars     | Dollars                          | Dollars |
| Norway pine.....             | 4                 | 57         | 681     | 8.00—18.00  | 11.95                            | 6.51    |
| Jack pine.....               | 6                 | 197        | 1,323   | 5.00—8.00   | 6.72                             | 5.22    |
| Northern white pine.....     | 24                | 4,206      | 40,319  | 5.00—30.00  | 9.59                             | 12.00   |
| Tamarack.....                | 2                 | 690        | 695     | 1.00—2.00   | 1.01                             |         |
| Eastern spruce.....          | 23                | 28,230     | 174,185 | 4.00—8.00   | 6.17                             | 6.76    |
| Eastern hemlock.....         | 21                | 71,050     | 214,047 | 1.00—25.00  | 3.02                             | 3.98    |
| Balsam fir.....              | 18                | 21,003     | 85,644  | 2.00—5.00   | 4.08                             | 3.62    |
| Northern white cedar.....    | 5                 | 201        | 421     | 1.00—6.00   | 2.11                             | 4.00    |
| Total average or spread..... | 106               | 125,640    | 517,918 | 1.00—30.00  | 4.12                             | 4.17    |
| Individual hardwoods:        |                   |            |         |             |                                  |         |
| Oak.....                     | 10                | 1,194      | 11,599  | 6.00—30.00  | 10.51                            | 12.98   |
| Red oak.....                 | 3                 | 127        | 1,945   | 15.00—50.00 | 15.31                            | 14.10   |
| White oak.....               |                   |            |         |             |                                  | 20.57   |
| All oaks.....                | 19                | 1,231      | 13,544  | 6.00—(4)    | 11.00                            | 13.07   |
| Soft maple.....              | 6                 | 792        | 6,307   | 5.00—30.00  | 7.06                             | 13.55   |
| Hard maple.....              | 8                 | 8,285      | 59,556  | 5.00—35.00  | 7.19                             | 8.81    |
| Maple.....                   | 27                | 18,469     | 134,089 | 2.00—35.00  | 7.26                             | 9.21    |
| All maples.....              | 41                | 27,546     | 199,952 | 2.00—35.00  | 7.26                             | 9.98    |

TABLE 3.—Stumpage and log sales in the Lake States, by species and type of sale, 1945, and average price per thousand feet board measure, 1945 and 1945—Con.

## MICHIGAN—STUMPAGE SALES—Continued

| Type of sale and species                  | Transactions | Quantity   | Value     | Price range | Average price per M ft. b. m. |         |
|---|--------------|------------|-----------|-------------|-------------------------------|---------|
|   |              |            |           |             | 1945                          | 1943    |
|   | Number       | Mft. b. m. | Dollars   | Dollars     | Dollars                       | Dollars |
| <b>Individual hardwoods—Continued</b>     |              |            |           |             |                               |         |
| Elm.....                                  | 16           | 1,018      | 7,903     | 3.30-20.00  | 7.67                          | 10.42   |
| Rock elm.....                             |              |            |           |             |                               | 27.51   |
| Ash.....                                  | 12           | 765        | 5,392     | 4.00-30.00  | 7.05                          | 8.32    |
| Black walnut.....                         |              |            |           |             |                               | 109.78  |
| Sycamore.....                             | 1            | 2          | 20        |             | 10.00                         | 16.00   |
| Aspen.....                                | 17           | 2,546      | 6,129     | .80-18.00   | 2.41                          | 15.21   |
| Cottonwood.....                           |              |            |           |             |                               | 15.00   |
| Yellow poplar.....                        | 2            | 2          | 70        | 20.00-50.00 | 35.00                         | 18.00   |
| Birch.....                                | 16           | 20,922     | 525,493   | 1.00-35.00  | 25.12                         | 15.56   |
| Hickory.....                              | 1            | 2          | 20        |             | 10.00                         | 24.36   |
| Cherry.....                               | 2            | 33         | 470       | 6.67-15.00  | 14.24                         | 18.15   |
| Basswood.....                             | 15           | 1,736      | 17,613    | 5.00-50.00  | 10.15                         | 12.24   |
| Beech.....                                | 10           | 305        | 2,775     | 2.00-30.00  | 9.10                          | 12.54   |
| Total average or spread.....              | 152          | 56,108     | 779,281   | .80-50.00   | 13.89                         | 10.71   |
| Flat-rate softwoods.....                  | 1            | 20         | 300       |             | 15.00                         | 4.28    |
| Flat-rate hardwoods.....                  | 25           | 2,861      | 30,752    | 3.00-30.00  | 10.75                         | 8.99    |
| Flat-rate mixed.....                      | 13           | 12,556     | 100,136   | 1.35-25.00  | 8.69                          | 7.16    |
| Total average or spread, all species..... | 297          | 107,185    | 1,437,387 | .80-50.00   | 7.29                          | 7.83    |

## MICHIGAN—LOG SALES

|                              |     |        |           |              |        |       |
|------------------------------|-----|--------|-----------|--------------|--------|-------|
| <b>Individual softwoods:</b> |     |        |           |              |        |       |
| Norway pine.....             | 3   | 36     | 1,325     | 29.50-40.00  | 36.81  | 31.81 |
| Jack pine.....               | 2   | 32     | 1,472     | 31.00-55.00  | 46.00  | 33.90 |
| Northern white pine.....     | 24  | 1,434  | 55,870    | 28.00-75.00  | 38.99  | 35.43 |
| Tamarack.....                | 1   | 5      | 125       |              | 25.00  |       |
| Eastern spruce.....          | 11  | 92     | 2,639     | 23.00-32.00  | 28.68  | 33.30 |
| Eastern hemlock.....         | 24  | 12,786 | 316,435   | 20.00-35.00  | 24.75  | 24.34 |
| Balsam fir.....              | 1   | 2      | 56        |              | 28.00  | 29.99 |
| Northern white cedar.....    | 3   | 12     | 335       | 20.00-30.00  | 27.92  | 23.70 |
| Total average or spread..... | 69  | 14,399 | 378,257   | 20.00-75.00  | 26.27  | 26.53 |
| <b>Individual hardwoods:</b> |     |        |           |              |        |       |
| Oak.....                     | 10  | 145    | 5,547     | 29.00-60.00  | 38.26  | 39.91 |
| Red oak.....                 | 1   | 279    | 21,879    |              | 78.42  | 46.43 |
| White oak.....               |     |        |           |              |        | 43.00 |
| All oaks.....                | 11  | 424    | 27,426    | 29.00-78.42  | 64.68  | 45.73 |
| Soft maple.....              | 15  | 682    | 26,242    | 22.00-69.94  | 38.48  | 31.77 |
| Hard maple.....              | 32  | 13,886 | 556,192   | 22.00-94.00  | 42.21  | 32.68 |
| Maple.....                   | 13  | 419    | 24,090    | 30.00-130.00 | 57.39  | 55.41 |
| All maples.....              | 60  | 14,967 | 636,524   | 22.00-130.00 | 42.47  | 46.49 |
| Elm.....                     | 30  | 1,355  | 78,506    | 19.80-67.32  | 57.34  | 35.84 |
| Rock elm.....                |     |        |           |              |        | 55.00 |
| Ash.....                     | 12  | 206    | 9,647     | 27.37-70.00  | 40.83  | 31.97 |
| Black walnut.....            | 1   | 2      | 300       |              | 150.00 | 53.00 |
| Butternut.....               |     |        |           |              |        | 41.00 |
| Sycamore.....                | 1   | 40     | 3,063     |              | 76.58  | 39.00 |
| Aspen.....                   | 15  | 250    | 7,861     | 15.00-47.00  | 30.71  | 23.44 |
| Cottonwood.....              | 1   | 367    | 21,635    |              | 58.95  | 37.58 |
| Yellow poplar.....           | 1   | 5      | 360       |              | 70.00  |       |
| Birch.....                   | 40  | 5,830  | 450,818   | 24.00-124.00 | 82.47  | 70.09 |
| Hickory.....                 |     |        |           |              |        | 47.50 |
| Cherry.....                  | 2   | 12     | 540       | 30.00-50.00  | 45.00  | 41.60 |
| Basswood.....                | 38  | 1,421  | 98,045    | 23.00-89.00  | 69.00  | 44.73 |
| Beech.....                   | 9   | 1,195  | 33,069    | 26.00-48.12  | 27.62  | 26.59 |
| Hackberry.....               | 1   | 13     | 1,037     |              | 79.77  | 40.00 |
| Total average or spread..... | 222 | 26,113 | 1,398,761 | 15.00-130.00 | 53.57  | 53.85 |

TABLE 3.—Stumpage and log sales in the Lake States, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Con.

## MICHIGAN—LOG SALES—Continued

| Type of sale and species                | Trans-<br>actions | Quantity   | Value     | Price range  | Average price<br>per M ft. b. m. |         |
|---|-------------------|------------|-----------|--------------|----------------------------------|---------|
|   |                   |            |           |              | 1945                             | 1943    |
|   | Number            | Mft. b. m. | Dollars   | Dollars      | Dollars                          | Dollars |
| Flat-rate softwoods                     |                   |            |           |              |                                  | 28.00   |
| Flat-rate hardwoods                     | 20                | 1,047      | 37,865    | 25.00-50.00  | 35.17                            | 26.85   |
| Flat-rate mixed                         | 4                 | 389        | 11,024    | 18.00-43.00  | 28.34                            | 35.29   |
| Total average or spread, all<br>species | 315               | 41,948     | 1,825,907 | 15.00-150.00 | 43.53                            | 40.52   |

## MINNESOTA—STUMPAGE SALES

|   |     |        |        |            |       |       |
|---|-----|--------|--------|------------|-------|-------|
| Individual softwoods:                   |     |        |        |            |       |       |
| Norway pine                             | 8   | 1,071  | 7,935  | 4.00-10.00 | 7.41  | 7.06  |
| Jack pine                               | 30  | 7,479  | 32,560 | 2.00-20.00 | 4.35  | 5.23  |
| Northern white pine                     | 17  | 1,552  | 8,740  | 1.82-20.00 | 5.63  | 9.26  |
| Tamarack                                | 2   | 20     | 40     |            | 2.00  | 18.00 |
| Eastern spruce                          | 0   | 501    | 2,815  | 4.00-6.00  | 5.52  | 5.20  |
| Balsam fir                              | 6   | 92     | 275    | 2.20-4.00  | 2.99  | 4.41  |
| Northern white cedar                    |     |        |        |            |       | .67   |
| Total average or spread                 | 72  | 10,715 | 52,365 | 1.82-20.00 | 4.80  | 6.65  |
| Individual hardwoods:                   |     |        |        |            |       |       |
| Oak                                     | 1   | 14     | 280    |            | 20.00 | 6.26  |
| Red oak                                 |     |        |        |            |       | 6.25  |
| White oak                               |     |        |        |            |       | 7.00  |
| All oaks                                | 1   | 14     | 280    |            | 20.00 | 6.26  |
| Hard maple                              |     |        |        |            |       | 5.00  |
| Maple                                   | 1   | 40     | 480    |            | 12.00 |       |
| All maples                              | 1   | 40     | 480    |            | 12.00 | 5.00  |
| Elm                                     | 3   | 150    | 435    | 1.50-12.00 | 2.90  | 2.79  |
| Ash                                     | 3   | 140    | 450    | 1.50-12.00 | 3.21  | 4.54  |
| Aspen                                   | 31  | 3,235  | 9,478  | 1.80-6.00  | 2.93  | 2.49  |
| Birch                                   | 3   | 306    | 817    | 2.00-4.50  | 2.67  | 4.73  |
| Basswood                                | 1   | 40     | 140    |            | 3.50  | 5.65  |
| Total average or spread                 | 43  | 3,925  | 12,080 | 1.00-20.00 | 3.05  | 3.08  |
| Flat-rate softwoods                     | 2   | 533    | 1,950  | 3.40-5.00  | 3.66  | 4.03  |
| Flat-rate hardwoods                     | 18  | 1,080  | 8,067  | 1.74-9.00  | 4.95  | 4.85  |
| Flat-rate mixed                         | 14  | 3,236  | 17,004 | 1.33-15.55 | 5.25  | 4.28  |
| Total average or spread, all<br>species | 140 | 20,039 | 91,466 | 1.00-20.00 | 4.56  | 5.78  |

## MINNESOTA—LOG SALES

|                         |    |       |         |             |       |       |
|-------------------------|----|-------|---------|-------------|-------|-------|
| Individual softwoods:   |    |       |         |             |       |       |
| Norway pine             | 6  | 258   | 7,584   | 12.00-43.00 | 29.40 | 29.79 |
| Jack pine               | 11 | 558   | 14,052  | 10.00-28.00 | 26.86 | 24.67 |
| Northern white pine     | 17 | 919   | 25,763  | 16.00-43.00 | 28.03 | 24.75 |
| Tamarack                |    |       |         |             |       | 20.00 |
| Eastern spruce          | 7  | 820   | 18,190  | 23.00-43.00 | 34.98 | 29.97 |
| Balsam fir              | 4  | 814   | 27,037  | 20.00-33.50 | 33.21 | 25.93 |
| Total average or spread | 45 | 3,069 | 93,526  | 12.00-43.00 | 30.47 | 25.81 |
| Individual hardwoods:   |    |       |         |             |       |       |
| Oak                     | 3  | 44    | 1,357   | 28.00-32.00 | 30.84 |       |
| Maple                   | 3  | 15    | 448     | 22.00-27.00 | 24.89 |       |
| Elm                     | 9  | 72    | 1,824   | 22.00-33.00 | 25.33 | 26.00 |
| Ash                     | 5  | 90    | 2,437   | 22.00-28.00 | 27.68 |       |
| Aspen                   | 28 | 6,669 | 178,873 | 6.60-38.00  | 27.07 | 27.23 |
| Birch                   | 2  | 1,971 | 74,854  | 27.00-38.00 | 37.98 | 37.26 |
| Basswood                | 4  | 113   | 3,203   | 25.00-37.00 | 28.35 | 21.21 |
| Total average or spread | 54 | 8,917 | 262,095 | 8.00-38.00  | 29.49 | 28.99 |

TABLE 3.—Stumpage and log sales in the Lake States, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Con.

MINNESOTA—LOG SALES—Continued

| Type of sale and species                     | Trans-<br>actions | Quantity   | Value   | Price range | Average price<br>per M ft. b. m. |         |
|--|-------------------|------------|---------|-------------|----------------------------------|---------|
|  |                   |            |         |             | 1945                             | 1943    |
|  | Number            | Mft. b. m. | Dollars | Dollars     | Dollars                          | Dollars |
| Flat-rate softwoods.....                     |                   |            |         |             |                                  | 33.70   |
| Flat-rate hardwoods.....                     | 1                 | 395        | 8,600   |             | 22.00                            |         |
| Flat-rate mixed.....                         |                   |            |         |             |                                  | 17.85   |
| Total average or spread, all<br>species..... | 100               | 12,381     | 365,212 | 8.00-43.00  | 29.50                            | 27.87   |

WISCONSIN—STUMPAGE SALES

|  |     |        |         |             |       |       |
|--|-----|--------|---------|-------------|-------|-------|
| <b>Individual softwoods:</b>                 |     |        |         |             |       |       |
| Norway pine.....                             | 5   | 56     | 457     | 3.00-14.00  | 8.16  | 9.44  |
| Jack pine.....                               | 9   | 855    | 5,703   | 3.00-25.00  | 6.78  | 4.39  |
| Northern white pine.....                     | 23  | 1,670  | 28,909  | 3.50-27.00  | 18.41 | 15.75 |
| Tamarack.....                                |     |        |         |             |       | 1.20  |
| Eastern spruce.....                          | 2   | 12     | 173     | 6.00-15.17  | 14.42 | 6.26  |
| Eastern hemlock.....                         | 4   | 5,849  | 18,241  | 3.00-8.00   | 3.12  | 4.38  |
| Balsam fir.....                              | 2   | 12     | 60      | 4.00-6.00   | 5.50  | 3.71  |
| Northern white cedar.....                    |     |        |         |             |       | 9.14  |
| Total average or spread.....                 | 45  | 8,354  | 53,639  | 3.00-27.00  | 6.42  | 8.71  |
| <b>Individual hardwoods:</b>                 |     |        |         |             |       |       |
| Oak.....                                     | 5   | 167    | 2,042   | 8.00-35.00  | 12.23 | 9.43  |
| Red oak.....                                 | 1   | 40     | 700     |             | 17.50 | 8.65  |
| White oak.....                               |     |        |         |             |       | 32.44 |
| All oaks.....                                | 6   | 207    | 2,742   | 8.00-35.00  | 13.25 | 10.00 |
| Soft maple.....                              | 1   | 16     | 240     |             | 15.00 | 10.38 |
| Hard maple.....                              |     |        |         |             |       | 16.60 |
| Maple.....                                   | 9   | 3,464  | 29,515  | 6.00-30.00  | 8.52  | 17.02 |
| All maples.....                              | 10  | 3,480  | 29,755  | 8.00-30.00  | 8.55  | 7.86  |
| Elm.....                                     | 7   | 542    | 5,104   | 6.00-27.50  | 9.42  | 8.23  |
| Ash.....                                     | 4   | 686    | 5,200   | 8.00-30.00  | 7.58  | 6.82  |
| Aspen.....                                   | 13  | 1,612  | 4,256   | 1.05-8.00   | 2.81  | 2.68  |
| Yellow poplar.....                           |     |        |         |             |       | 12.00 |
| Birch.....                                   | 2   | 777    | 12,643  | 15.00-25.20 | 16.27 | 30.17 |
| Cherry.....                                  |     |        |         |             |       | 16.00 |
| Basswood.....                                | 7   | 414    | 7,868   | 14.00-35.00 | 19.00 | 13.40 |
| Beech.....                                   |     |        |         |             |       | 11.17 |
| Total average or spread.....                 | 49  | 7,618  | 67,638  | 1.05-35.00  | 8.87  | 12.28 |
| Flat-rate softwoods.....                     |     |        |         |             |       | 6.28  |
| Flat-rate hardwoods.....                     | 46  | 6,152  | 68,794  | 2.50-31.33  | 11.18 | 11.25 |
| Flat-rate mixed.....                         | 34  | 8,093  | 69,866  | 1.22-25.00  | 11.47 | 9.73  |
| Total average or spread, all<br>species..... | 174 | 28,217 | 259,567 | 1.05-35.00  | 9.21  | 10.48 |

WISCONSIN—LOG SALES

|                              |    |        |         |             |       |       |
|------------------------------|----|--------|---------|-------------|-------|-------|
| <b>Individual softwoods:</b> |    |        |         |             |       |       |
| Norway pine.....             | 2  | 9      | 230     | 22.00-30.00 | 25.56 | 21.29 |
| Jack pine.....               | 1  | 6      | 180     |             | 30.00 | 21.86 |
| Northern white pine.....     | 21 | 619    | 24,393  | 28.00-34.60 | 30.39 | 33.80 |
| Tamarack.....                | 1  | 1      | 50      |             | 50.00 |       |
| Eastern spruce.....          | 2  | 52     | 2,000   | 28.00-30.10 | 36.46 | 28.28 |
| Eastern hemlock.....         | 15 | 17,748 | 615,113 | 17.00-40.00 | 34.66 | 28.46 |
| Balsam fir.....              |    |        |         |             |       | 33.50 |
| Total average or spread..... | 42 | 18,436 | 641,966 | 17.00-84.60 | 34.82 | 32.06 |

TABLE 3.—Stumpage and log sales in the Lake States, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Con.

## WISCONSIN—LOG SALES—Continued

| Type of sale and species                     | Trans-<br>actions | Quantity          | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|--|-------------------|-------------------|----------------|----------------|----------------------------------|----------------|
|  |                   |                   |                |                | 1945                             | 1943           |
| <b>Individual hardwoods:</b>                 | <i>Number</i>     | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Oak.....                                     | 23                | 687               | 32,912         | 22.00-76.00    | 56.07                            | 37.90          |
| Red oak.....                                 | 3                 | 30                | 1,425          | 30.00-60.00    | 47.50                            | 44.03          |
| White oak.....                               | 1                 | 1                 | 28             |                | 28.00                            | 43.61          |
| All oaks.....                                | 27                | 618               | 34,365         | 22.00-76.00    | 55.61                            | 42.94          |
| Soft maple.....                              | 11                | 63                | 3,098          | 50.00-71.00    | 63.40                            | 49.50          |
| Hard maple.....                              | 21                | 955               | 73,504         | 32.00-96.00    | 76.97                            | 54.21          |
| Maple.....                                   | 19                | 1,888             | 158,799        | 27.00-94.00    | 84.11                            | 57.32          |
| All maples.....                              | 48                | 2,006             | 236,301        | 27.00-96.00    | 81.31                            | 56.36          |
| Elm.....                                     | 28                | 857               | 41,195         | 23.00-65.00    | 48.07                            | 44.51          |
| Rock elm.....                                |                   |                   |                |                |                                  | 29.33          |
| Ash.....                                     | 23                | 213               | 9,582          | 15.00-64.40    | 44.99                            | 45.39          |
| Black walnut.....                            |                   |                   |                |                |                                  | 108.40         |
| Butternut.....                               | 4                 | 5                 | 255            | 20.00-86.80    | 51.00                            | 59.00          |
| Aspen.....                                   | 16                | 821               | 19,647         | 18.00-58.80    | 23.93                            | 20.40          |
| Cottonwood.....                              |                   |                   |                |                |                                  | 12.00          |
| Hick.....                                    | 22                | 4,123             | 493,778        | 30.00-128.00   | 119.70                           | 105.39         |
| Cherry.....                                  |                   |                   |                |                |                                  | 28.00          |
| Basswood.....                                | 35                | 940               | 68,907         | 27.00-89.00    | 73.31                            | 62.97          |
| Beech.....                                   | 5                 | 37                | 1,294          | 20.00-61.00    | 34.97                            | 23.29          |
| Blackberry.....                              | 1                 | 4                 | 235            |                | 58.75                            |                |
| Total average or spread.....                 | 209               | 10,524            | 905,537        | 15.00-128.00   | 66.05                            | 75.22          |
| Flat-rate softwoods.....                     | 1                 | 5                 | 130            |                | 26.00                            | 22.00          |
| Flat-rate hardwoods.....                     | 12                | 488               | 27,481         | 24.41-103.84   | 56.31                            | 27.84          |
| Flat-rate mixed.....                         | 5                 | 41                | 1,401          | 23.00-37.64    | 34.17                            | 21.54          |
| Total average or spread, all<br>species..... | 269               | 20,493            | 1,676,525      | 15.00-128.00   | 53.45                            | 50.61          |

TABLE 4.—Stumpage sales in the Pacific Northwest, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species       | Trans-<br>actions | Quantity          | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|--------------------------------|-------------------|-------------------|----------------|----------------|----------------------------------|----------------|
|                                |                   |                   |                |                | 1945                             | 1943           |
| <b>Individual softwoods:</b>   | <i>Number</i>     | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| <b>Ponderosa pine:</b>         |                   |                   |                |                |                                  |                |
| Virgin.....                    | 116               | 782,001           | 3,380,076      | 1.69-9.06      | 4.32                             | 4.13           |
| Second.....                    | 6                 | 6,870             | 26,164         | 2.25-4.37      | 3.84                             | 2.38           |
| Mixed.....                     | 8                 | 7,335             | 30,556         | 3.69-6.50      | 5.39                             | 4.61           |
| Total.....                     | 130               | 796,206           | 3,445,796      | 1.69-9.06      | 4.33                             | 4.16           |
| <b>Western white pine:</b>     |                   |                   |                |                |                                  |                |
| Virgin.....                    | 15                | 9,162             | 43,300         | .75-7.50       | 4.74                             | 4.02           |
| Mixed.....                     | 4                 | 930               | 4,625          | 3.85-5.90      | 4.97                             | 1.50           |
| Total.....                     | 19                | 10,092            | 48,015         | .75-7.50       | 4.76                             | 3.95           |
| <b>Lodgepole pine, virgin:</b> | 4                 | 163               | 505            | 2.00-3.30      | 3.01                             |                |
| <b>Sugar pine:</b>             |                   |                   |                |                |                                  |                |
| Virgin.....                    | 13                | 5,044             | 34,442         | 2.00-12.00     | 6.63                             | 7.33           |
| Second.....                    | 1                 | 25                | 75             |                | 3.00                             | 2.97           |
| Mixed.....                     | 2                 | 42                | 420            |                | 10.00                            | 6.72           |
| Total.....                     | 21                | 5,111             | 34,937         | 2.00-12.00     | 6.64                             | 6.70           |

TABLE 4.—*Stumpage sales in the Pacific Northwest, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued.*

| Type of sale and species                             | Transactions | Quantity  | Value      | Price range | Average price per M ft. b. m. |       |
|--|--------------|-----------|------------|-------------|-------------------------------|-------|
|  |              |           |            |             | 1945                          | 1943  |
| <b>Individual softwoods—Continued</b>                |              |           |            |             |                               |       |
| <b>Western larch:</b>                                |              |           |            |             |                               |       |
| Virgin   | 19           | 3,315     | 6,959      | .50-3.25    | 2.10                          | 1.90  |
| Second   | 4            | 580       | 1,460      | 1.50-4.00   | 2.55                          | 1.55  |
| Mixed  | 1            | 19        | 48         |             | 2.53                          | 2.91  |
| Total  | 24           | 3,914     | 8,467      | .50-4.00    | 2.17                          | 2.05  |
| <b>Sitka spruce:</b>                                 |              |           |            |             |                               |       |
| Virgin   | 31           | 10,512    | 82,868     | .82-8.50    | 4.25                          | 4.27  |
| Second   | 10           | 7,310     | 19,174     | 1.50-3.00   | 2.62                          | 4.66  |
| Mixed  | 9            | 17,250    | 48,673     | 1.50-8.00   | 2.82                          | 2.00  |
| Total  | 50           | 44,078    | 150,720    | .82-8.50    | 3.42                          | 4.34  |
| <b>Western hemlock:</b>                              |              |           |            |             |                               |       |
| Virgin   | 95           | 732,170   | 1,084,157  | .50-4.00    | 1.48                          | 1.72  |
| Second   | 42           | 47,197    | 56,665     | .20-3.50    | 1.20                          | 2.00  |
| Mixed  | 20           | 63,762    | 124,389    | 1.00-4.90   | 1.95                          | 2.28  |
| Total  | 157          | 843,129   | 1,265,211  | .20-4.90    | 1.50                          | 1.74  |
| <b>Douglas fir:</b>                                  |              |           |            |             |                               |       |
| Virgin   | 298          | 2,606,770 | 8,336,942  | .27-9.40    | 2.97                          | 3.94  |
| Second   | 338          | 706,268   | 1,891,554  | .25-12.69   | 2.68                          | 2.55  |
| Mixed  | 103          | 469,377   | 1,534,782  | 1.00-13.00  | 3.27                          | 3.47  |
| Total  | 739          | 3,882,415 | 11,763,278 | .25-13.00   | 2.95                          | 3.65  |
| <b>White fir:</b>                                    |              |           |            |             |                               |       |
| Virgin   | 47           | 198,437   | 521,628    | .50-8.00    | 2.64                          | 1.71  |
| Second   | 5            | 2,700     | 5,848      | 1.50-2.25   | 2.10                          | 2.17  |
| Mixed  | 7            | 28,402    | 55,877     | 1.35-3.50   | 1.97                          | 1.33  |
| Total  | 59           | 229,539   | 583,353    | .50-8.00    | 2.55                          | 1.70  |
| <b>Incense cedar:</b>                                |              |           |            |             |                               |       |
| Virgin   | 10           | 3,331     | 8,136      | 1.00-2.90   | 3.44                          | 1.45  |
| Second   | 1            | 100       | 150        |             | 1.50                          |       |
| Mixed  | 5            | 1,104     | 3,205      | 1.35-3.00   | 2.90                          |       |
| Total  | 16           | 4,535     | 11,491     | 1.00-3.00   | 2.53                          | 1.45  |
| <b>Red cedar:</b>                                    |              |           |            |             |                               |       |
| Virgin   | 78           | 112,642   | 392,829    | .75-7.62    | 3.49                          | 4.56  |
| Second   | 8            | 7,729     | 4,800      | 1.00-4.00   | 2.78                          | 1.72  |
| Mixed  | 14           | 37,870    | 146,185    | 1.35-6.05   | 3.86                          | 3.45  |
| Total  | 100          | 158,241   | 543,814    | .75-7.62    | 3.57                          | 4.51  |
| <b>Port Orford cedar</b>                             |              |           |            |             |                               |       |
| Virgin   | 7            | 53,131    | 631,999    | 5.00-15.00  | 11.00                         | 10.50 |
| Second   | 3            | 575       | 3,445      | 12.00-15.00 | 14.69                         | 4.00  |
| Total  | 10           | 53,706    | 640,444    | 5.00-15.00  | 11.92                         | 9.44  |
| <b>Total average or spread, individual softwoods</b> |              |           |            |             |                               |       |
|  | 1,320        | 6,125,224 | 18,407,051 | .20-15.00   | 3.02                          | 3.54  |
| <b>Flat-rate softwoods:</b>                          |              |           |            |             |                               |       |
| Virgin   | 59           | 243,080   | 725,895    | .54-8.09    | 2.99                          | 3.48  |
| Second   | 40           | 145,602   | 397,848    | .56-7.40    | 2.73                          | 2.19  |
| Mixed  | 66           | 426,374   | 1,119,074  | .58-7.48    | 2.63                          | 2.50  |
| Total  | 165          | 815,056   | 2,242,817  | .54-8.09    | 2.75                          | 3.15  |
| <b>Individual hardwoods:</b>                         |              |           |            |             |                               |       |
| <b>Oak:</b>  |              |           |            |             |                               |       |
| Second   | 2            | 72        | 970        | 10.00-15.00 | 13.47                         |       |
| Mixed  | 2            | 125       | 1,875      |             | 15.00                         |       |
| Total  | 4            | 197       | 2,845      | 10.00-15.00 | 14.44                         | 13.85 |

TABLE 4.—*Stumpage sales in the Pacific Northwest, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

| Type of sale and species                                  | Transactions  | Quantity           | Value             | Price range      | Average price per M ft. b. m. |                |
|---|---------------|--------------------|-------------------|------------------|-------------------------------|----------------|
|   |               |                    |                   |                  | 1945                          | 1943           |
| <b>Individual hardwoods—Continued</b>                     |               |                    |                   |                  |                               |                |
| <b>Maple:</b>   | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i>    | <i>Dollars</i>   | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....   | 2             | 74                 | 177               | 1.20-3.00        | 2.30                          | 1.47           |
| Second.....   | 1             | 0                  | 45                |                  | 5.00                          |                |
| Mixed.....  | 1             | 13                 | 39                |                  | 3.00                          |                |
| <b>Total.....</b>   | <b>4</b>      | <b>98</b>          | <b>261</b>        | <b>1.20-5.00</b> | <b>2.72</b>                   | <b>1.47</b>    |
| <b>Alder:</b>   |               |                    |                   |                  |                               |                |
| Virgin.....   | 5             | 2,241              | 3,505             | 1.00-2.50        | 1.57                          | 1.51           |
| Second.....   | 18            | 7,828              | 5,118             | .20-5.00         | .65                           | 1.73           |
| Mixed.....  | 3             | 851                | 1,873             | 1.09-4.42        | 3.04                          | 2.17           |
| <b>Total.....</b>   | <b>26</b>     | <b>10,920</b>      | <b>10,296</b>     | <b>.20-5.00</b>  | <b>.87</b>                    | <b>1.75</b>    |
| Myrtle: Virgin.....                                       | 1             | 50                 | 500               |                  | 10.00                         |                |
| <b>Total average or spread, individual hardwoods.....</b> | <b>35</b>     | <b>10,963</b>      | <b>13,905</b>     | <b>.20-15.00</b> | <b>1.27</b>                   | <b>3.30</b>    |
| <b>Regional total average or spread, all species.....</b> | <b>1,829</b>  | <b>6,951,216</b>   | <b>20,754,673</b> | <b>.20-15.00</b> | <b>2.99</b>                   | <b>3.48</b>    |

TABLE 5.—*Stumpage sales in Oregon, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

## REGION 1—EASTERN OREGON

| Type of sale and species                                    | Transactions  | Quantity           | Value            | Price range      | Average price per M ft. b. m. |                |
|---|---------------|--------------------|------------------|------------------|-------------------------------|----------------|
|   |               |                    |                  |                  | 1945                          | 1943           |
| <b>Individual softwoods:</b>                                |               |                    |                  |                  |                               |                |
| <b>Ponderosa pine:</b>                                      | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i>   | <i>Dollars</i>   | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....   | 70            | 651,073            | 2,497,314        | 1.00-7.25        | 3.84                          | 4.03           |
| Second.....   | 2             | 900                | 2,375            | 2.25-4.00        | 2.91                          | 2.37           |
| <b>Total.....</b>   | <b>72</b>     | <b>651,973</b>     | <b>2,499,689</b> | <b>1.00-7.25</b> | <b>3.83</b>                   | <b>4.04</b>    |
| <b>Western larch: virgin.....</b>                           | <b>6</b>      | <b>876</b>         | <b>1,493</b>     | <b>.50-2.50</b>  | <b>1.70</b>                   | <b>1.00</b>    |
| <b>Douglas fir:</b>   |               |                    |                  |                  |                               |                |
| Virgin.....   | 6             | 1,638              | 2,331            | .50-2.50         | 1.42                          | 1.75           |
| Second.....   | 2             | 770                | 2,070            | 2.00-3.00        | 2.92                          | 1.50           |
| <b>Total.....</b>   | <b>10</b>     | <b>2,348</b>       | <b>4,401</b>     | <b>.50-3.00</b>  | <b>1.87</b>                   | <b>1.70</b>    |
| <b>White fir, virgin.....</b>                               | <b>1</b>      | <b>3</b>           | <b>6</b>         |                  | <b>1.07</b>                   | <b>1.00</b>    |
| <b>Total average or spread, individual softwoods.....</b>   | <b>80</b>     | <b>656,165</b>     | <b>2,605,588</b> | <b>.50-7.25</b>  | <b>3.82</b>                   | <b>4.02</b>    |
| <b>Flat-rate softwood:</b>                                  |               |                    |                  |                  |                               |                |
| Virgin.....   | 6             | 17,231             | 76,082           | 2.00-5.20        | 4.47                          | 1.94           |
| Second.....   | 2             | 3,496              | 11,400           | 3.00-3.50        | 3.35                          |                |
| <b>Total.....</b>   | <b>8</b>      | <b>20,727</b>      | <b>88,382</b>    | <b>2.00-5.20</b> | <b>4.28</b>                   | <b>1.64</b>    |
| <b>Regional total average or spread, all softwoods.....</b> | <b>97</b>     | <b>675,796</b>     | <b>2,693,970</b> | <b>.50-7.25</b>  | <b>3.84</b>                   | <b>3.97</b>    |

TABLE 5.—*Stumpage sales in Oregon, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—*  
Continued

REGION 2—WESTERN OREGON

| Type of sale and species                                | Trans-<br>actions | Quantity  | Value      | Price range | Average price<br>per M. ft. b. m. |      |
|---|-------------------|-----------|------------|-------------|-----------------------------------|------|
|   |                   |           |            |             | 1945                              | 1943 |
|   |                   |           |            |             |                                   |      |
| <b>Individual softwoods:</b>                            |                   |           |            |             |                                   |      |
| Western white pine:                                     |                   |           |            |             |                                   |      |
| Virgin.....   | 2                 | 268       | 220        | 0.75-1.80   | 0.82                              | 4.28 |
| Mixed.....  | 2                 | 23        | 90         | 3.85-5.00   | 3.91                              |      |
| Total.....  | 4                 | 291       | 310        | .75-5.00    | 1.07                              | 4.26 |
| Sugar pine:   |                   |           |            |             |                                   |      |
| Virgin.....   | 4                 | 819       | 8,431      | 10.20-12.00 | 10.29                             | 5.79 |
| Second.....   | 1                 | 26        | 75         |             | 3.00                              |      |
| Total.....  | 5                 | 844       | 8,506      | 3.00-12.00  | 10.08                             | 5.55 |
| Sitka spruce:   |                   |           |            |             |                                   |      |
| Virgin.....   | 11                | 7,263     | 18,026     | .82-7.65    | 2.48                              | 3.29 |
| Second.....   | 3                 | 3,243     | 8,665      | 1.50-3.00   | 2.67                              | 4.74 |
| Mixed.....  | 2                 | 13,004    | 26,402     | 2.03-3.00   | 2.03                              | 2.00 |
| Total.....  | 16                | 23,510    | 53,093     | .82-7.65    | 2.26                              | 3.60 |
| Western hemlock:  |                   |           |            |             |                                   |      |
| Virgin.....   | 39                | 263,832   | 492,105    | .55-3.25    | 1.87                              | 1.51 |
| Second.....   | 20                | 24,709    | 24,559     | .80-2.70    | .90                               | 1.66 |
| Mixed.....  | 9                 | 7,967     | 16,209     | 1.00-3.50   | 2.03                              | 3.72 |
| Total.....  | 68                | 296,508   | 532,873    | .70-3.50    | 1.80                              | 1.55 |
| Douglas fir:  |                   |           |            |             |                                   |      |
| Virgin.....   | 160               | 2,441,335 | 7,021,640  | .27-3.80    | 2.88                              | 3.62 |
| Second.....   | 216               | 174,135   | 1,408,524  | .25-12.00   | 2.50                              | 2.32 |
| Mixed.....  | 51                | 320,637   | 850,541    | 1.00-6.25   | 2.02                              | 2.08 |
| Total.....  | 427               | 3,342,107 | 9,280,711  | .25-12.00   | 2.80                              | 3.33 |
| White fir:  |                   |           |            |             |                                   |      |
| Virgin.....   | 17                | 93,545    | 283,140    | .50-5.50    | 3.03                              | 1.40 |
| Second.....   | 4                 | 700       | 1,348      | 1.50-2.00   | 1.71                              | 1.95 |
| Mixed.....  | 4                 | 785       | 2,040      | 2.00-3.50   | 2.57                              | 1.53 |
| Total.....  | 25                | 95,130    | 286,528    | .50-5.50    | 3.01                              | 1.46 |
| Incense cedar:  |                   |           |            |             |                                   |      |
| Virgin.....   | 4                 | 700       | 1,430      | 1.50-2.00   | 1.81                              | 1.58 |
| Second.....   | 1                 | 160       | 150        |             | 1.50                              |      |
| Mixed.....  | 2                 | 12        | 21         | 1.35-3.00   | 1.75                              |      |
| Total.....  | 7                 | 872       | 1,601      | 1.35-3.00   | 1.77                              | 1.58 |
| Red cedar:  |                   |           |            |             |                                   |      |
| Virgin.....   | 27                | 24,933    | 67,972     | .75-6.00    | 2.73                              | 2.54 |
| Second.....   | 2                 | 100       | 125        | 1.00-2.00   | 1.25                              | 1.45 |
| Mixed.....  | 5                 | 862       | 2,428      | 1.35-3.50   | 2.82                              | 4.53 |
| Total.....  | 34                | 25,895    | 70,525     | .75-6.00    | 2.72                              | 2.45 |
| Port Orford cedar:                                      |                   |           |            |             |                                   |      |
| Virgin.....   | 5                 | 52,188    | 622,728    | 5.00-15.00  | 11.93                             |      |
| Second.....   | 3                 | 575       | 8,445      | 12.00-15.00 | 14.69                             | 4.00 |
| Total.....  | 8                 | 52,763    | 631,173    | 5.00-15.00  | 11.00                             | 4.00 |
| Total average or spread, in-<br>dividual softwoods..... | 594               | 3,837,950 | 10,031,326 | .25-15.00   | 2.85                              | 3.22 |
| <b>Flat-rate softwood:</b>                              |                   |           |            |             |                                   |      |
| Virgin.....   | 22                | 144,578   | 479,082    | .81-8.00    | 3.31                              | 2.70 |
| Second.....   | 13                | 58,761    | 137,780    | .76-3.10    | 2.34                              | 1.90 |
| Mixed.....  | 22                | 226,805   | 458,908    | .58-3.00    | 2.02                              | 2.01 |
| Total.....  | 56                | 430,144   | 1,075,770  | .58-8.00    | 2.50                              | 2.65 |

TABLE 5.—Stumpage sales in Oregon, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1945 and 1945—Continued

## REGION 2—WESTERN OREGON—Continued

| Type of sale and species                                  | Transactions  | Quantity          | Value             | Price range        | Average price per M ft. b. m. |                |
|---|---------------|-------------------|-------------------|--------------------|-------------------------------|----------------|
|   |               |                   |                   |                    | 1945                          | 1943           |
| <b>Individual hardwood:</b>                               |               |                   |                   |                    |                               |                |
| <b>Oak:</b>   | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i>    | <i>Dollars</i>     | <i>Dollars</i>                | <i>Dollars</i> |
| Second.....   | 2             | 72                | 970               | 10.00-15.00        | 13.47                         | -----          |
| Mixed.....  | 2             | 125               | 1,875             | -----              | 15.00                         | -----          |
| <b>Total.....</b>   | <b>4</b>      | <b>197</b>        | <b>2,845</b>      | <b>10.00-15.00</b> | <b>14.44</b>                  | <b>14.02</b>   |
| <b>Alder:</b>   |               |                   |                   |                    |                               |                |
| Virgin.....   | 3             | 2,200             | 3,450             | 1.00-2.00          | 1.57                          | 1.49           |
| Second.....   | 11            | 5,584             | 3,557             | .20-4.00           | .64                           | .67            |
| Mixed.....  | 2             | 520               | 1,550             | 1.60-4.42          | 3.04                          | 5.00           |
| <b>Total.....</b>   | <b>16</b>     | <b>8,304</b>      | <b>8,557</b>      | <b>.20-4.42</b>    | <b>1.03</b>                   | <b>1.18</b>    |
| Myrtle: Virgin.....                                       | 1             | 50                | 500               | -----              | 10.00                         | -----          |
| <b>Total average or spread, individual hardwoods.....</b> | <b>21</b>     | <b>8,551</b>      | <b>11,832</b>     | <b>.20-15.00</b>   | <b>1.40</b>                   | <b>4.40</b>    |
| <b>Regional total average or spread, all species.....</b> | <b>671</b>    | <b>4,276,645</b>  | <b>12,018,984</b> | <b>.20-15.00</b>   | <b>2.81</b>                   | <b>3.07</b>    |

## REGION 3—KLANATH

|   |            |                |                  |                   |             |             |
|---|------------|----------------|------------------|-------------------|-------------|-------------|
| <b>Individual softwoods:</b>                                |            |                |                  |                   |             |             |
| <b>Ponderosa pine:</b>                                      |            |                |                  |                   |             |             |
| Virgin.....   | 24         | 105,234        | 799,071          | 2.50-9.05         | 7.59        | 5.08        |
| Second.....   | 1          | 20             | 50               | -----             | 2.50        | 2.50        |
| Mixed.....  | 8          | 7,335          | 39,556           | 3.50-6.50         | 5.39        | 2.75        |
| <b>Total.....</b>   | <b>33</b>  | <b>112,589</b> | <b>838,677</b>   | <b>2.50-9.05</b>  | <b>7.45</b> | <b>5.07</b> |
| Western white pine: Virgin.....                             | 1          | 200            | 1,050            | -----             | 5.25        | -----       |
| Lodgepole pine: Virgin.....                                 | 4          | 168            | 505              | 2.00-3.30         | 3.01        | -----       |
| <b>Sugar pine:</b>  |            |                |                  |                   |             |             |
| Virgin.....   | 14         | 4,225          | 25,011           | 2.00-9.00         | 5.92        | 7.59        |
| Mixed.....  | 2          | 42             | 420              | -----             | 10.00       | 8.00        |
| <b>Total.....</b>   | <b>16</b>  | <b>4,267</b>   | <b>25,431</b>    | <b>2.00-10.00</b> | <b>5.96</b> | <b>6.03</b> |
| <b>Douglas fir:</b>   |            |                |                  |                   |             |             |
| Virgin.....   | 27         | 68,274         | 176,351          | 1.00-4.50         | 2.55        | 1.46        |
| Second.....   | 4          | 2,062          | 4,240            | 1.25-2.50         | 2.06        | 1.61        |
| Mixed.....  | 19         | 29,002         | 89,434           | 1.50-3.75         | 2.99        | 1.78        |
| <b>Total.....</b>   | <b>50</b>  | <b>101,238</b> | <b>270,024</b>   | <b>1.00-4.50</b>  | <b>2.67</b> | <b>1.51</b> |
| <b>White fir:</b>   |            |                |                  |                   |             |             |
| Virgin.....   | 6          | 12,602         | 36,798           | 2.00-3.30         | 2.02        | 1.00        |
| Mixed.....  | 1          | 1,750          | 2,303            | -----             | 1.35        | -----       |
| <b>Total.....</b>   | <b>7</b>   | <b>14,352</b>  | <b>39,101</b>    | <b>1.35-3.30</b>  | <b>2.73</b> | <b>1.00</b> |
| <b>Incense cedar:</b>                                       |            |                |                  |                   |             |             |
| Virgin.....   | 6          | 2,541          | 6,766            | 1.00-2.90         | 2.64        | 1.06        |
| Mixed.....  | 3          | 1,092          | 3,184            | 2.00-3.00         | 2.32        | -----       |
| <b>Total.....</b>   | <b>9</b>   | <b>3,633</b>   | <b>9,950</b>     | <b>1.00-3.00</b>  | <b>2.72</b> | <b>1.06</b> |
| Port Orford cedar: Virgin.....                              | 2          | 943            | 9,271            | 7.00-10.00        | 9.83        | 10.50       |
| <b>Total average or spread, individual softwoods.....</b>   | <b>122</b> | <b>237,300</b> | <b>1,194,009</b> | <b>1.00-10.00</b> | <b>5.03</b> | <b>3.52</b> |
| <b>Flat-rate softwood:</b>                                  |            |                |                  |                   |             |             |
| Virgin.....   | 2          | 7,057          | 9,058            | .90-2.25          | 1.14        | 1.45        |
| Mixed.....  | 3          | 1,337          | 3,392            | 1.85-4.00         | 2.54        | -----       |
| <b>Total.....</b>   | <b>5</b>   | <b>9,294</b>   | <b>12,450</b>    | <b>.90-4.00</b>   | <b>1.34</b> | <b>1.91</b> |
| <b>Regional total average or spread, all softwoods.....</b> | <b>127</b> | <b>246,594</b> | <b>1,206,459</b> | <b>.90-10.00</b>  | <b>4.59</b> | <b>3.44</b> |

TABLE 5.—*Stumpage sales in Oregon, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1945 and 1946—*  
Continued

| Type of sale and species     | STATE TOTALS      |           | Value     | Price range | Average price per M ft. b. m. |       |
|------------------------------|-------------------|-----------|-----------|-------------|-------------------------------|-------|
|                              | Trans-<br>actions | Quantity  |           |             | 1945                          | 1946  |
|                              |                   |           |           |             |                               |       |
| <b>Individual softwoods:</b> |                   |           |           |             |                               |       |
| Ponderosa pine:              |                   |           |           |             |                               |       |
| Virgin.....                  | 94                | 756,271   | 3,296,385 | 1.00- 9.95  | 4.36                          | 4.30  |
| Second.....                  | 3                 | 920       | 2,425     | 2.26- 4.00  | 2.64                          | 2.30  |
| Mixed.....                   | 8                 | 7,355     | 30,556    | 3.50- 6.50  | 5.39                          | 2.64  |
| Total.....                   | 105               | 764,526   | 3,338,366 | 1.00- 9.95  | 4.37                          | 4.28  |
| Western white pine:          |                   |           |           |             |                               |       |
| Virgin.....                  | 3                 | 468       | 1,270     | .75- 5.25   | 2.71                          | 4.28  |
| Mixed.....                   | 2                 | 23        | 90        | 3.85- 5.00  | 3.91                          | ----- |
| Total.....                   | 5                 | 491       | 1,360     | .75- 5.25   | 2.77                          | 4.28  |
| Lodgepole pine: Virgin.....  | 4                 | 108       | 605       | 2.00- 3.30  | 3.01                          | ----- |
| Sugar pine:                  |                   |           |           |             |                               |       |
| Virgin.....                  | 18                | 5,644     | 33,442    | 2.00-12.00  | 6.03                          | 7.33  |
| Second.....                  | 1                 | 25        | 75        | -----       | 3.00                          | 2.97  |
| Mixed.....                   | 2                 | 42        | 420       | -----       | 10.00                         | 5.72  |
| Total.....                   | 21                | 5,111     | 33,937    | 2.00-12.00  | 6.64                          | 6.70  |
| Western larch: Virgin.....   | 0                 | 870       | 1,490     | .50- 2.50   | 1.78                          | 1.00  |
| Sitka spruce:                |                   |           |           |             |                               |       |
| Virgin.....                  | 11                | 7,263     | 18,626    | .82- 7.65   | 2.43                          | 3.29  |
| Second.....                  | 3                 | 3,243     | 8,695     | 1.50- 3.00  | 2.67                          | 4.74  |
| Mixed.....                   | 2                 | 13,601    | 26,402    | 2.03- 3.00  | 2.63                          | 2.00  |
| Total.....                   | 16                | 23,510    | 53,693    | .82- 7.65   | 2.36                          | 3.09  |
| Western hemlock:             |                   |           |           |             |                               |       |
| Virgin.....                  | 39                | 263,532   | 492,105   | .55- 3.25   | 1.87                          | 1.51  |
| Second.....                  | 20                | 21,700    | 21,659    | .50- 2.70   | .99                           | 1.56  |
| Mixed.....                   | 9                 | 7,067     | 16,209    | 1.00- 3.50  | 2.03                          | 3.72  |
| Total.....                   | 68                | 296,508   | 532,873   | .50- 3.50   | 1.80                          | 1.55  |
| Douglas fir:                 |                   |           |           |             |                               |       |
| Virgin.....                  | 195               | 2,512,245 | 7,290,328 | .27- 8.36   | 2.87                          | 3.51  |
| Second.....                  | 222               | 576,507   | 1,474,834 | .25-12.00   | 2.56                          | 2.29  |
| Mixed.....                   | 70                | 356,539   | 915,974   | 1.00- 6.25  | 2.65                          | 2.63  |
| Total.....                   | 487               | 3,445,691 | 9,621,136 | .25-12.00   | 2.69                          | 3.24  |
| White fir:                   |                   |           |           |             |                               |       |
| Virgin.....                  | 23                | 106,150   | 319,919   | .60- 5.50   | 3.01                          | 1.18  |
| Second.....                  | 4                 | 790       | 1,348     | 1.50- 2.00  | 1.71                          | 1.95  |
| Mixed.....                   | 5                 | 2,545     | 4,403     | 1.35- 3.50  | 1.73                          | 1.53  |
| Total.....                   | 33                | 109,485   | 325,700   | .50- 5.50   | 2.97                          | 1.23  |
| Incense cedar:               |                   |           |           |             |                               |       |
| Virgin.....                  | 19                | 3,331     | 8,136     | 1.00- 2.00  | 2.44                          | 1.45  |
| Second.....                  | 1                 | 100       | 150       | -----       | 1.50                          | ----- |
| Mixed.....                   | 5                 | 1,104     | 3,205     | 1.35- 3.00  | 2.90                          | ----- |
| Total.....                   | 10                | 4,535     | 11,491    | 1.00- 3.00  | 2.63                          | 1.45  |
| Red cedar:                   |                   |           |           |             |                               |       |
| Virgin.....                  | 27                | 24,933    | 67,972    | .75- 6.00   | 2.73                          | 2.50  |
| Second.....                  | 2                 | 180       | 125       | 1.00- 2.00  | 1.25                          | 1.45  |
| Mixed.....                   | 5                 | 892       | 2,428     | 1.35- 3.50  | 2.32                          | 4.63  |
| Total.....                   | 34                | 25,895    | 70,625    | .75- 6.00   | 2.72                          | 2.42  |

TABLE 5.—*Stumpage sales in Oregon, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

## STATE TOTALS—Continued

| Type of sale and species                           | Transactions  | Quantity          | Value          | Price range    | Average price per M ft. b. m. |                |
|--|---------------|-------------------|----------------|----------------|-------------------------------|----------------|
|  |               |                   |                |                | 1945                          | 1943           |
| <b>Individual softwoods—Continued</b>              |               |                   |                |                |                               |                |
| Part Orford cedar:                                 | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....  | 7             | 83,131            | 631,890        | 5.09-15.00     | 11.90                         | 10.50          |
| Second.....  | 3             | 575               | 8,445          | 12.00-15.00    | 14.60                         | 4.00           |
| Total.....   | 10            | 53,708            | 640,444        | 5.00-15.00     | 11.02                         | 9.44           |
| Total average or spread, individual softwoods..... | 805           | 4,730,605         | 14,630,023     | .25-15.00      | 3.00                          | 3.35           |
| <b>Flat-rate softwood:</b>                         |               |                   |                |                |                               |                |
| Virgin.....  | 30            | 100,766           | 565,122        | .81- 8.09      | 3.33                          | 2.76           |
| Second.....  | 14            | 62,161            | 149,138        | .76- 3.69      | 2.40                          | 1.92           |
| Mixed.....   | 25            | 228,142           | 402,300        | .58- 4.00      | 2.03                          | 2.01           |
| Total.....   | 69            | 400,069           | 1,170,558      | .53- 8.09      | 2.56                          | 2.53           |
| <b>Individual hardwoods:</b>                       |               |                   |                |                |                               |                |
| Oak:   |               |                   |                |                |                               |                |
| Second.....  | 2             | 72                | 970            | 10.00-15.00    | 13.47                         | -----          |
| Mixed.....   | 2             | 125               | 1,875          | -----          | 15.00                         | -----          |
| Total.....   | 4             | 197               | 2,845          | 10.00-15.00    | 14.44                         | 14.02          |
| Alder:   |               |                   |                |                |                               |                |
| Virgin.....  | 3             | 2,200             | 3,450          | 1.80- 2.00     | 1.57                          | 1.49           |
| Second.....  | 11            | 5,684             | 3,557          | .20- 4.00      | .04                           | .67            |
| Mixed.....   | 2             | 520               | 1,550          | 1.69- 4.42     | 3.04                          | 5.00           |
| Total.....   | 16            | 8,304             | 8,557          | .20- 4.42      | 1.03                          | 1.18           |
| Myrtle: Virgin.....                                | 1             | 50                | 500            | -----          | 10.00                         | -----          |
| Total average or spread, individual hardwoods..... | 21            | 8,551             | 11,032         | .20-15.00      | 1.40                          | 4.40           |
| State total average or spread, all species.....    | 805           | 5,190,125         | 15,810,413     | .20-15.00      | 3.04                          | 3.19           |

TABLE 6.—*Stumpage sales in Washington, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

## REGION I—EASTERN WASHINGTON

| Type of sale and species        | Transactions  | Quantity          | Value          | Price range    | Average price per M ft. b. m. |                |
|---------------------------------|---------------|-------------------|----------------|----------------|-------------------------------|----------------|
|                                 |               |                   |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>    |               |                   |                |                |                               |                |
| Ponderosa pine:                 | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....                     | 22            | 25,730            | 83,061         | 1.37- 6.00     | 3.25                          | 3.38           |
| Second.....                     | 3             | 6,050             | 23,739         | 3.25- 4.37     | 3.69                          | 3.57           |
| Total.....                      | 25            | 31,780            | 107,430        | 1.37- 6.00     | 3.30                          | 3.41           |
| Western white pine: Virgin..... | 3             | 500               | 2,725          | 5.00- 6.50     | 5.45                          | -----          |
| Western larch:                  |               |                   |                |                |                               |                |
| Virgin.....                     | 13            | 2,439             | 5,400          | 1.25- 3.25     | 2.24                          | 1.04           |
| Second.....                     | 4             | 690               | 1,480          | 1.50- 4.00     | 2.55                          | 1.65           |
| Mixed.....                      | 1             | 10                | 48             | -----          | 2.53                          | 2.91           |
| Total.....                      | 18            | 3,038             | 6,904          | 1.25- 4.00     | 2.30                          | 2.17           |

TABLE 6.—*Slumpage sales in Washington, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued.*

REGION 1—EASTERN WASHINGTON—Continued

| Type of sale and species                             | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|--|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|  |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods—Continued</b>                |               |                    |                |                |                               |                |
| Western hemlock:                                     | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....  | 1             | 1,380              | 1,380          |                | 1.00                          |                |
| Second.....  | 1             | 1,008              | 2,250          |                | 2.25                          |                |
| Mixed.....   | 1             | 700                | 1,750          |                | 2.50                          |                |
| Total.....   | 3             | 3,088              | 5,380          | 1.00- 2.50     | 1.75                          |                |
| Douglas fir:   |               |                    |                |                |                               |                |
| Virgin.....  | 33            | 37,500             | 123,330        | 1.00- 4.50     | 3.29                          | 2.35           |
| Second.....  | 15            | 13,810             | 32,582         | 1.50- 4.00     | 3.05                          | 2.05           |
| Mixed.....   | 6             | 7,750              | 20,425         | 2.00- 4.00     | 3.41                          | 1.68           |
| Total.....   | 54            | 59,060             | 102,337        | 1.00- 4.50     | 3.26                          | 2.12           |
| White fir:   |               |                    |                |                |                               |                |
| Virgin.....  | 2             | 1,550              | 1,750          | 1.00- 1.50     | 1.13                          | 1.26           |
| Second.....  | 1             | 2,000              | 4,500          |                | 2.25                          | 2.50           |
| Total.....   | 3             | 3,550              | 6,250          | 1.00- 2.25     | 1.76                          | 1.32           |
| Red cedar: Virgin.....                               | 2             | 680                | 1,450          | 1.67- 2.50     | 2.13                          | 1.80           |
| Total average or spread, individual softwoods.....   | 108           | 101,597            | 322,566        | 1.00- 6.50     | 3.17                          | 2.96           |
| Flat-rate softwood:                                  |               |                    |                |                |                               |                |
| Virgin.....  | 12            | 21,495             | 58,020         | 1.00- 4.00     | 2.70                          | 3.14           |
| Second.....  | 8             | 30,175             | 67,411         | 1.50- 3.25     | 2.69                          | 1.49           |
| Mixed.....   | 2             | 5,080              | 9,283          | 1.14- 2.50     | 1.24                          | 2.00           |
| Total.....   | 22            | 62,750             | 161,714        | .50- 4.00      | 2.58                          | 1.85           |
| Regional total average or spread, all softwoods..... | 130           | 164,348            | 484,280        | .50- 6.50      | 2.95                          | 2.86           |

REGION 2—WESTERN WASHINGTON

|                              |     |         |           |            |      |      |
|------------------------------|-----|---------|-----------|------------|------|------|
| <b>Individual softwoods:</b> |     |         |           |            |      |      |
| Western white pine:          |     |         |           |            |      |      |
| Virgin.....                  | 9   | 8,194   | 30,395    | 1.00- 7.50 | 4.81 | 3.89 |
| Mixed.....                   | 2   | 907     | 4,635     |            | 5.00 | 1.50 |
| Total.....                   | 11  | 9,101   | 43,930    | 1.00- 7.50 | 4.83 | 3.68 |
| Sitka spruce:                |     |         |           |            |      |      |
| Virgin.....                  | 20  | 12,240  | 64,842    | 2.25- 8.50 | 5.29 | 5.51 |
| Second.....                  | 7   | 4,073   | 10,500    | 2.04- 2.90 | 2.58 | 1.38 |
| Mixed.....                   | 7   | 4,248   | 22,270    | 1.50- 8.00 | 5.25 |      |
| Total.....                   | 34  | 20,561  | 97,612    | 1.50- 8.50 | 4.75 | 5.46 |
| Western hemlock:             |     |         |           |            |      |      |
| Virgin.....                  | 55  | 466,058 | 600,372   | .50- 4.00  | 1.28 | 1.80 |
| Second.....                  | 21  | 21,483  | 29,856    | .20- 3.50  | 1.30 | 2.25 |
| Mixed.....                   | 10  | 55,095  | 108,430   | 1.50- 4.00 | 1.93 | 1.40 |
| Total.....                   | 86  | 542,636 | 738,658   | .20- 4.00  | 1.34 | 1.82 |
| Douglas fir:                 |     |         |           |            |      |      |
| Virgin.....                  | 70  | 257,013 | 1,013,284 | 1.00- 9.40 | 3.04 | 6.48 |
| Second.....                  | 101 | 116,551 | 374,138   | .20- 6.50  | 3.24 | 3.27 |
| Mixed.....                   | 27  | 105,088 | 302,383   | 2.00-13.00 | 5.35 | 5.65 |
| Total.....                   | 198 | 478,652 | 1,689,805 | .30-13.00  | 4.08 | 5.04 |
| White fir:                   |     |         |           |            |      |      |
| Virgin.....                  | 21  | 90,737  | 201,020   | .98- 8.00  | 2.23 | 2.02 |
| Mixed.....                   | 2   | 25,867  | 51,474    | 1.50- 2.00 | 1.00 | .50  |
| Total.....                   | 23  | 116,604 | 252,494   | .98- 8.00  | 2.17 | 2.01 |

TABLE 6.—*Stumpage sales in Washington, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued.*

## REGION 2—WESTERN WASHINGTON—Continued

| Type of sale and species                           | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|--|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|  |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods—Continued</b>              |               |                    |                |                |                               |                |
| Red Cedar:   | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....  | 49            | 87,029             | 323,407        | 1.00-7.62      | 3.72                          | 4.90           |
| Second.....  | 6             | 1,029              | 4,675          | 2.10-4.00      | 2.87                          | 2.55           |
| Mixed.....   | 0             | 37,008             | 143,757        | 2.00-6.05      | 3.88                          | 3.44           |
| Total.....   | 64            | 125,066            | 471,839        | 1.00-7.62      | 3.75                          | 4.88           |
| Total average or spread, individual softwoods..... | 410           | 1,203,122          | 3,543,562      | .20-13.00      | 2.74                          | 4.07           |
| <b>Flat-rate softwood:</b>                         |               |                    |                |                |                               |                |
| Virgin.....  | 17            | 51,819             | 102,753        | .54-4.45       | 1.98                          | 4.84           |
| Second.....  | 18            | 47,265             | 151,301        | 2.00-7.40      | 3.20                          | 3.14           |
| Mixed.....   | 30            | 193,125            | 651,301        | 1.00-7.48      | 3.37                          | 2.93           |
| Total.....   | 74            | 292,209            | 905,445        | .54-7.48       | 3.10                          | 4.39           |
| <b>Individual hardwoods:</b>                       |               |                    |                |                |                               |                |
| Maple:   |               |                    |                |                |                               |                |
| Virgin.....  | 2             | 74                 | 177            | 1.20-3.00      | 2.39                          | .....          |
| Second.....  | 1             | 9                  | 45             | .....          | 5.00                          | 2.64           |
| Mixed.....   | 1             | 13                 | 39             | .....          | 3.00                          | .....          |
| Total.....   | 4             | 96                 | 261            | 1.20-5.00      | 2.72                          | 2.64           |
| Alder:   |               |                    |                |                |                               |                |
| Virgin.....  | 2             | 41                 | 58             | 1.88-2.50      | 1.41                          | 2.40           |
| Second.....  | 7             | 2,244              | 1,561          | .30-5.00       | .70                           | 3.47           |
| Mixed.....   | 1             | 31                 | 93             | .....          | 3.00                          | 1.68           |
| Total.....   | 10            | 2,316              | 1,712          | .30-5.00       | .74                           | 2.78           |
| Total average or spread, individual hardwoods..... | 14            | 2,412              | 1,073          | .30-5.00       | .82                           | 2.10           |
| Regional total average or spread, all species..... | 504           | 1,587,743          | 4,450,080      | .20-13.00      | 2.80                          | 4.14           |

## STATE TOTALS

|                              |    |        |         |           |      |       |
|------------------------------|----|--------|---------|-----------|------|-------|
| <b>Individual softwoods:</b> |    |        |         |           |      |       |
| Ponderosa pine:              |    |        |         |           |      |       |
| Virgin.....                  | 22 | 25,730 | 83,691  | 1.37-6.00 | 3.25 | 3.89  |
| Second.....                  | 3  | 6,950  | 23,739  | 3.25-4.37 | 3.99 | 2.37  |
| Total.....                   | 25 | 31,680 | 107,430 | 1.37-6.00 | 3.39 | 3.37  |
| Western white pine:          |    |        |         |           |      |       |
| Virgin.....                  | 12 | 8,094  | 42,120  | 1.00-7.50 | 4.84 | 3.89  |
| Mixed.....                   | 2  | 907    | 4,535   | .....     | 5.00 | 1.50  |
| Total.....                   | 14 | 9,001  | 46,655  | 1.00-7.50 | 4.86 | 3.81  |
| Western larch:               |    |        |         |           |      |       |
| Virgin.....                  | 13 | 2,439  | 5,456   | 1.25-3.25 | 2.24 | 1.94  |
| Second.....                  | 4  | 580    | 1,480   | 1.50-4.00 | 2.55 | 1.65  |
| Mixed.....                   | 1  | 19     | 48      | .....     | 2.53 | 2.91  |
| Total.....                   | 18 | 3,038  | 6,984   | 1.25-4.00 | 2.30 | 2.17  |
| Sitka spruce:                |    |        |         |           |      |       |
| Virgin.....                  | 20 | 12,249 | 64,842  | 2.25-8.50 | 5.29 | 5.51  |
| Second.....                  | 7  | 4,073  | 10,560  | 2.04-2.90 | 2.58 | 1.38  |
| Mixed.....                   | 7  | 4,240  | 22,276  | 1.50-8.00 | 5.25 | ..... |
| Total.....                   | 34 | 20,562 | 97,678  | 1.50-8.50 | 4.75 | 5.48  |

TABLE 6.—Stumpage sales in Washington, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued.

## STATE TOTALS—Continued

| Type of sale and species                              | Trans-<br>actions | Quantity           | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|---|-------------------|--------------------|----------------|----------------|----------------------------------|----------------|
|   |                   |                    |                |                | 1945                             | 1943           |
| <b>Individual softwoods—Continued</b>                 |                   |                    |                |                |                                  |                |
| <b>Western hemlock:</b>                               |                   |                    |                |                |                                  |                |
| Virgin.....   | <i>Number</i>     | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Second.....   | 50                | 468,338            | 592,052        | .50-4.00       | 1.26                             | 1.80           |
| Mixed.....  | 22                | 22,488             | 32,106         | .20-3.50       | 1.43                             | 2.25           |
| Total.....  | 11                | 65,795             | 108,180        | 1.50-4.90      | 1.94                             | 1.40           |
| <b>Douglas fir:</b>                                   | 89                | 546,621            | 732,338        | .20-4.90       | 1.34                             | 1.82           |
| Virgin.....   | 103               | 204,522            | 1,130,614      | 1.00-9.40      | 3.86                             | 5.39           |
| Second.....   | 116               | 129,361            | 418,720        | .30-6.50       | 3.22                             | 3.20           |
| Mixed.....  | 33                | 112,838            | 588,808        | 2.00-13.00     | 5.22                             | 5.34           |
| Total.....  | 252               | 530,721            | 2,142,142      | .30-13.00      | 3.99                             | 4.92           |
| <b>White fir:</b>                                     | 23                | 92,287             | 293,679        | .98-8.00       | 2.21                             | 1.97           |
| Virgin.....   | 1                 | 2,900              | 4,500          |                | 2.25                             | 2.34           |
| Second.....   | 2                 | 25,857             | 51,474         | 1.50-2.00      | 1.99                             | .63            |
| Mixed.....  | 20                | 120,144            | 259,853        | .98-8.00       | 2.16                             | 1.94           |
| Total.....  | 23                | 92,287             | 293,679        | .98-8.00       | 2.21                             | 1.97           |
| <b>Red cedar:</b>                                     | 51                | 87,790             | 324,857        | 1.00-7.62      | 3.70                             | 4.87           |
| Virgin.....   | 9                 | 1,629              | 4,675          | 2.10-4.00      | 2.87                             | 2.65           |
| Second.....   | 9                 | 37,008             | 143,757        | 2.00-6.05      | 3.88                             | 3.44           |
| Mixed.....  | 66                | 126,348            | 473,289        | 1.00-7.62      | 3.76                             | 4.83           |
| Total.....  | 66                | 126,348            | 473,289        | 1.00-7.62      | 3.76                             | 4.83           |
| Total average or spread,<br>individual softwoods..... | 524               | 1,394,719          | 3,886,128      | .20-13.00      | 2.77                             | 3.98           |
| <b>Flat-rate softwood:</b>                            |                   |                    |                |                |                                  |                |
| Virgin.....   | 20                | 73,314             | 160,773        | .54-4.45       | 2.19                             | 4.82           |
| Second.....   | 20                | 83,441             | 248,712        | .56-7.40       | 2.98                             | 2.92           |
| Mixed.....  | 41                | 198,205            | 657,674        | 1.00-7.48      | 3.32                             | 2.92           |
| Total.....  | 96                | 354,960            | 1,067,159      | .64-7.48       | 3.01                             | 4.31           |
| <b>Individual hardwoods:</b>                          |                   |                    |                |                |                                  |                |
| <b>Maple:</b>   |                   |                    |                |                |                                  |                |
| Virgin.....   | 2                 | 74                 | 177            | 1.20-3.00      | 2.39                             |                |
| Second.....   | 1                 | 9                  | 45             |                | 5.00                             | 2.64           |
| Mixed.....  | 1                 | 13                 | 39             |                | 3.00                             |                |
| Total.....  | 4                 | 96                 | 261            | 1.20-5.00      | 2.72                             | 2.64           |
| <b>Alder:</b>   |                   |                    |                |                |                                  |                |
| Virgin.....   | 2                 | 41                 | 58             | 1.38-2.50      | 1.41                             | 2.40           |
| Second.....   | 7                 | 2,244              | 1,561          | .30-5.00       | .70                              | 3.47           |
| Mixed.....  | 1                 | 31                 | 93             |                | 3.00                             | 1.08           |
| Total.....  | 10                | 2,316              | 1,712          | .30-5.00       | .74                              | 2.78           |
| Total average or spread,<br>individual hardwoods..... | 14                | 4,412              | 1,973          | .30-5.00       | .82                              | 2.10           |
| State total average or spread,<br>all species.....    | 634               | 1,752,091          | 4,935,260      | .20-13.00      | 2.82                             | 4.05           |

TABLE 7.—Stumpage sales in California, by region, species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## REGION 1—REDWOOD

| Type of sale and species                           | Trans-<br>actions | Quantity  | Value     | Price range | Average price<br>per M ft. b. m. |      |
|--|-------------------|-----------|-----------|-------------|----------------------------------|------|
|  |                   |           |           |             | 1945                             | 1943 |
| Individual softwoods:                              |                   |           |           |             |                                  |      |
| Ponderosa pine: Virgin                             | 4                 | 7,100     | 20,550    | 2.00-3.00   | 2.80                             |      |
| Sugar pine: Virgin                                 | 1                 | 1,500     | 4,500     |             | 3.00                             |      |
| Douglas fir:                                       |                   |           |           |             |                                  |      |
| Virgin   | 81                | 305,065   | 355,899   | .23-5.00    | 1.26                             | 1.38 |
| Second   | 8                 | 3,677     | 5,374     | 1.00-4.00   | 1.46                             | 1.20 |
| Mixed  | 2                 | 18,293    | 30,130    | 1.50-1.65   | 1.65                             |      |
| Total  | 91                | 327,035   | 421,413   | .23-5.00    | 1.29                             | 1.38 |
| White fir: Virgin                                  | 2                 | 715       | 867       | .50-1.50    | 1.21                             |      |
| Redwood:   |                   |           |           |             |                                  |      |
| Virgin   | 50                | 283,051   | 620,163   | 1.50-6.00   | 2.37                             | 2.10 |
| Second   | 5                 | 1,030     | 2,390     | 1.25-5.00   | 2.23                             |      |
| Mixed  | 6                 | 1,403     | 4,625     | 2.00-7.50   | 3.10                             | 5.00 |
| Total  | 70                | 266,474   | 633,688   | 1.25-7.50   | 2.38                             | 2.10 |
| Total average or spread, in-<br>dividual softwoods | 168               | 602,824   | 1,080,418 | .23-7.50    | 1.79                             | 1.80 |
| Flat-rate softwoods:                               |                   |           |           |             |                                  |      |
| Virgin   | 21                | 730,844   | 1,083,347 | .49-9.00    | 1.48                             | .46  |
| Second   | 2                 | 2,710     | 6,575     | 2.00-7.50   | 2.43                             | 2.00 |
| Mixed  | 1                 | 5,000     | 5,000     |             | 1.00                             |      |
| Total  | 24                | 738,554   | 1,094,922 | .49-9.00    | 1.48                             | .46  |
| Regional total average or spread,<br>all softwoods | 192               | 1,341,378 | 2,175,340 | .23-9.00    | 1.62                             | .80  |

## REGION 2—PINE

|                            |     |         |           |           |      |      |
|----------------------------|-----|---------|-----------|-----------|------|------|
| Individual softwoods:      |     |         |           |           |      |      |
| Ponderosa pine:            |     |         |           |           |      |      |
| Virgin                     | 115 | 543,651 | 2,368,083 | 1.98-7.00 | 4.36 | 5.01 |
| Second                     | 53  | 18,202  | 55,459    | 1.50-5.00 | 3.05 | 2.72 |
| Mixed                      | 35  | 111,774 | 408,704   | 2.00-5.07 | 3.66 | 2.32 |
| Total                      | 203 | 673,627 | 2,831,146 | 1.50-7.93 | 4.21 | 4.89 |
| Western white pine: Virgin | 1   | 296     | 675       |           | 2.28 |      |
| Sugar pine:                |     |         |           |           |      |      |
| Virgin                     | 63  | 143,161 | 603,639   | 2.00-8.71 | 4.22 | 5.13 |
| Second                     | 13  | 669     | 2,081     | 5.00-4.50 | 4.01 | 3.30 |
| Mixed                      | 16  | 32,441  | 145,184   | 2.00-6.00 | 4.48 |      |
| Total                      | 92  | 176,271 | 751,904   | 2.00-8.71 | 4.26 | 5.12 |
| Douglas fir:               |     |         |           |           |      |      |
| Virgin                     | 73  | 233,591 | 389,295   | .48-4.00  | 1.67 | 1.82 |
| Second                     | 4   | 1,670   | 2,351     | .75-3.50  | 1.43 | 1.97 |
| Mixed                      | 12  | 3,840   | 8,261     | 1.00-3.00 | 2.15 | 2.25 |
| Total                      | 89  | 238,001 | 399,937   | .48-4.00  | 1.67 | 1.84 |
| White fir:                 |     |         |           |           |      |      |
| Virgin                     | 74  | 170,346 | 285,830   | .28-4.16  | 1.68 | 1.78 |
| Second                     | 6   | 3,114   | 3,013     | .50-3.00  | .97  | 2.07 |
| Mixed                      | 10  | 74,362  | 112,373   | 1.00-2.00 | 1.51 | .77  |
| Total                      | 90  | 247,822 | 401,216   | .28-4.16  | 1.62 | 1.77 |
| Big tree: Virgin           | 2   | 180     | 810       |           | 4.50 | 4.50 |

TABLE 7.—Stumpage sales in California, by region, species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1948 and 1945—Continued

## REGION PINE—Continued

| Type of sale and species                             | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|--|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|  |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods—Continued</b>                |               |                    |                |                |                               |                |
| <b>Incense cedar:</b>                                | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....  | 51            | 56,890             | 99,147         | .45-3.66       | 1.74                          | 1.91           |
| Second.....  | 2             | 295                | 374            | 1.25-1.50      | 1.27                          | 2.00           |
| Mixed.....   | 9             | 8,613              | 13,925         | 1.00-3.00      | 1.62                          | .....          |
| Total.....   | 62            | 65,798             | 113,446        | .45-3.66       | 1.72                          | 1.91           |
| Total average or spread, individual softwoods.....   | 539           | 1,492,895          | 4,500,734      | .28-8.71       | 3.21                          | 4.11           |
| <b>Flat-rate softwoods:</b>                          |               |                    |                |                |                               |                |
| Virgin.....  | 34            | 115,837            | 389,738        | 1.00-5.05      | 3.36                          | .76            |
| Second.....  | 25            | 20,068             | 58,717         | 2.00-4.00      | 2.83                          | 2.40           |
| Mixed.....   | 24            | 35,274             | 67,894         | .42-5.02       | 1.92                          | 1.21           |
| Total.....   | 83            | 171,279            | 514,349        | .42-5.05       | 3.00                          | .81            |
| Regional total average or spread, all softwoods..... | 622           | 1,574,174          | 5,015,083      | .28-8.71       | 3.12                          | 2.86           |

## STATE TOTALS

|  |     |           |           |           |      |       |
|--|-----|-----------|-----------|-----------|------|-------|
| <b>Individual softwoods:</b>                       |     |           |           |           |      |       |
| <b>Ponderosa pine:</b>                             |     |           |           |           |      |       |
| Virgin.....  | 119 | 550,751   | 2,389,533 | 1.98-7.93 | 4.34 | 5.91  |
| Second.....  | 53  | 18,262    | 55,459    | 1.50-6.00 | 3.05 | 2.72  |
| Mixed.....   | 35  | 111,774   | 498,704   | 2.00-5.07 | 3.59 | 2.32  |
| Total.....   | 207 | 680,727   | 2,853,696 | 1.50-7.93 | 4.19 | 4.89  |
| Western white pine: Virgin.....                    | 1   | 296       | 675       | .....     | 2.28 | ..... |
| <b>Sugar pine:</b>                                 |     |           |           |           |      |       |
| Virgin.....  | 64  | 144,661   | 608,139   | 2.00-8.71 | 4.20 | 5.13  |
| Second.....  | 13  | 669       | 2,681     | 3.00-4.50 | 4.01 | 3.30  |
| Mixed.....   | 16  | 32,441    | 145,184   | 2.00-6.00 | 4.48 | ..... |
| Total.....   | 93  | 177,771   | 756,004   | 2.00-8.71 | 4.25 | 5.12  |
| <b>Douglas fir:</b>                                |     |           |           |           |      |       |
| Virgin.....  | 154 | 538,456   | 775,194   | .23-5.90  | 1.44 | 1.53  |
| Second.....  | 12  | 5,347     | 7,755     | .75-4.00  | 1.45 | 1.60  |
| Mixed.....   | 14  | 22,133    | 35,401    | 1.00-3.00 | 1.73 | 2.25  |
| Total.....   | 180 | 565,936   | 821,350   | .23-5.00  | 1.45 | 1.55  |
| <b>White fir:</b>                                  |     |           |           |           |      |       |
| Virgin.....  | 70  | 171,061   | 286,697   | .28-4.16  | 1.68 | 1.78  |
| Second.....  | 6   | 3,114     | 3,013     | .50-3.00  | .97  | 2.97  |
| Mixed.....   | 10  | 74,362    | 112,373   | 1.00-2.00 | 1.51 | .77   |
| Total.....   | 92  | 248,537   | 402,083   | .28-4.16  | 1.62 | 1.77  |
| <b>Redwood:</b>                                    |     |           |           |           |      |       |
| Virgin.....  | 61  | 264,131   | 626,973   | 1.50-6.00 | 2.37 | 2.10  |
| Second.....  | 5   | 1,030     | 2,300     | 1.25-5.00 | 2.23 | ..... |
| Mixed.....   | 6   | 1,493     | 4,625     | 2.00-7.50 | 3.10 | 5.00  |
| Total.....   | 72  | 266,654   | 633,898   | 1.25-7.50 | 2.38 | 2.10  |
| <b>Incense cedar:</b>                              |     |           |           |           |      |       |
| Virgin.....  | 51  | 56,890    | 99,147    | .45-3.66  | 1.74 | 1.91  |
| Second.....  | 2   | 295       | 374       | 1.25-1.50 | 1.27 | 2.00  |
| Mixed.....   | 9   | 8,613     | 13,925    | 1.00-3.00 | 1.62 | ..... |
| Total.....   | 62  | 65,798    | 113,446   | .45-3.66  | 1.72 | 1.91  |
| Total average or spread, individual softwoods..... | 707 | 2,005,719 | 5,581,152 | .23-8.71  | 2.78 | 3.17  |

TABLE 7.—*Stumpage sales in California, by region, species, and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

## STATE TOTALS—Continued

| Type of sale and species                             | Trans-<br>actions | Quantity           | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|--|-------------------|--------------------|----------------|----------------|----------------------------------|----------------|
|  |                   |                    |                |                | 1945                             | 1943           |
| Flat-rate softwoods:                                 | <i>Number</i>     | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Virgin.....  | 55                | 846,781            | 1,473,085      | .49-0.00       | 1.74                             | 1.53           |
| Second.....  | 27                | 22,778             | 63,292         | 2.00-7.50      | 2.78                             | 2.42           |
| Mixed.....   | 25                | 40,274             | 72,804         | .42-4.02       | 1.81                             | 1.21           |
| Total.....   | 107               | 909,833            | 1,609,271      | .42-0.00       | 1.77                             | 1.54           |
| State total average or spread, all<br>softwoods..... | 814               | 2,015,552          | 7,100,423      | .23-9.00       | 2.47                             | 1.58           |

TABLE 8.—*Stumpage sales in the northern Rocky Mountain region by species and growth and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

| Type of sale and species | Trans-<br>actions | Quantity           | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|--------------------------|-------------------|--------------------|----------------|----------------|----------------------------------|----------------|
|                          |                   |                    |                |                | 1945                             | 1943           |
| Individual softwoods:    | <i>Number</i>     | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Ponderosa pine:          |                   |                    |                |                |                                  |                |
| Virgin.....              | 40                | 23,224             | 72,671         | 0.13- 5.00     | 3.13                             | 2.52           |
| Second.....              | 12                | 9,206              | 31,637         | 2.00-10.00     | 3.37                             | 2.96           |
| Mixed.....               | 2                 | 13,838             | 34,629         | 2.50- 3.00     | 2.50                             | -----          |
| Total.....               | 54                | 46,268             | 138,937        | .13-10.00      | 2.99                             | 2.53           |
| Western white pine:      |                   |                    |                |                |                                  |                |
| Virgin.....              | 7                 | 2,719              | 8,875          | 3.00- 8.00     | 3.26                             | 8.45           |
| Second.....              | 7                 | 773                | 5,257          | 3.00- 7.00     | 0.80                             | 7.02           |
| Mixed.....               | 1                 | 30                 | 210            | -----          | 7.00                             | -----          |
| Total.....               | 15                | 3,522              | 14,342         | 3.00- 8.00     | 4.07                             | 8.30           |
| Lodgepole pine:          |                   |                    |                |                |                                  |                |
| Virgin.....              | 3                 | 876                | 2,163          | 2.00- 2.50     | 2.47                             | 3.06           |
| Second.....              | 3                 | 51                 | 141            | 2.50- 3.00     | 2.78                             | 2.60           |
| Mixed.....               | 1                 | 2                  | 4              | -----          | 2.00                             | -----          |
| Total.....               | 7                 | 928                | 2,308          | 2.00- 3.00     | 2.49                             | 2.99           |
| Western larch:           |                   |                    |                |                |                                  |                |
| Virgin.....              | 38                | 13,851             | 31,118         | .79- 4.60      | 2.25                             | 1.42           |
| Second.....              | 12                | 4,140              | 6,646          | 1.00- 3.00     | 1.61                             | 1.64           |
| Mixed.....               | 1                 | 3,645              | 3,645          | -----          | 1.00                             | -----          |
| Total.....               | 51                | 21,636             | 41,409         | .79- 4.60      | 1.91                             | 1.44           |
| Engelmann spruce:        |                   |                    |                |                |                                  |                |
| Virgin.....              | 8                 | 2,187              | 4,004          | 1.00- 3.85     | 1.84                             | 1.70           |
| Second.....              | 2                 | 43                 | 101            | 2.00- 2.50     | 2.47                             | -----          |
| Mixed.....               | 1                 | 4                  | 8              | -----          | 2.00                             | -----          |
| Total.....               | 11                | 2,234              | 4,118          | 1.00- 3.85     | 1.84                             | 1.70           |
| Douglas fir:             |                   |                    |                |                |                                  |                |
| Virgin.....              | 55                | 17,768             | 44,415         | .79- 4.00      | 2.50                             | 1.37           |
| Second.....              | 14                | 5,815              | 9,455          | 1.00- 4.00     | 1.03                             | 1.75           |
| Mixed.....               | 2                 | 3,679              | 3,707          | 1.00- 2.00     | 1.01                             | 3.76           |
| Total.....               | 71                | 27,259             | 67,577         | .79- 4.00      | 2.11                             | 1.40           |
| White fir:               |                   |                    |                |                |                                  |                |
| Virgin.....              | 2                 | 285                | 530            | 1.15- 2.50     | 1.86                             | 1.67           |
| Second.....              | 5                 | 1,262              | 1,400          | 1.00- 3.00     | 1.18                             | 1.88           |
| Mixed.....               | 1                 | 305                | 458            | -----          | 1.25                             | -----          |
| Total.....               | 8                 | 1,912              | 2,476          | 1.00- 3.00     | 1.29                             | 1.70           |

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TABLE 8.—*Stumpage sales in the northern Rocky Mountain region, by species and growth and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

| Type of sale and species                           | Trans-<br>actions | Quantity           | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|--|-------------------|--------------------|----------------|----------------|----------------------------------|----------------|
|  |                   |                    |                |                | 1945                             | 1943           |
|  |                   |                    |                |                | Dollars                          | Dollars        |
| Individual softwood—Continued                      |                   |                    |                |                |                                  |                |
| Red cedar:   | <i>Number</i>     | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Second.....  | 1                 | 30                 | 185            | .....          | 3.50                             | .....          |
| Mixed.....   | 1                 | 593                | 1,000          | .....          | 2.00                             | 3.00           |
| Total.....   | 2                 | 623                | 1,185          | 2.00- 3.50     | 2.08                             | 2.77           |
| Total average or spread, Individual softwoods..... | 219               | 104,289            | 261,072        | .13-10.00      | 2.51                             | 2.88           |
| Flat-rate softwoods:                               |                   |                    |                |                |                                  |                |
| Virgin.....  | 41                | 88,682             | 142,738        | .35- 4.00      | 1.61                             | 1.93           |
| Second.....  | 10                | 5,406              | 17,287         | 1.50- 0.00     | 3.20                             | 1.22           |
| Mixed.....   | 3                 | 923                | 1,830          | 1.50- 3.00     | 1.98                             | 5.83           |
| Total.....   | 54                | 95,011             | 161,855        | .35- 0.00      | 1.70                             | 1.94           |
| Individual hardwood: Cottonwood, second.....       | 1                 | 100                | 300            | .....          | 3.00                             | .....          |
| Regional total average or spread, all species..... | 274               | 109,409            | 423,827        | .13-10.00      | 2.13                             | 2.57           |

TABLE 9.—*Stumpage sales in Idaho, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

| Type of sale and species      | Trans-<br>actions | Quantity           | Value          | Price range    | Average price<br>per M ft. b. m. |                |
|-------------------------------|-------------------|--------------------|----------------|----------------|----------------------------------|----------------|
|                               |                   |                    |                |                | 1945                             | 1943           |
|                               |                   |                    |                |                | Dollars                          | Dollars        |
| Individual softwoods:         |                   |                    |                |                |                                  |                |
| Ponderosa pine:               | <i>Number</i>     | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                   | <i>Dollars</i> |
| Virgin.....                   | 17                | 8,857              | 23,306         | 1.50- 4.00     | 2.63                             | 2.36           |
| Second.....                   | 10                | 7,995              | 20,043         | 2.00- 5.00     | 2.51                             | 2.98           |
| Mixed.....                    | 1                 | 13,771             | 34,428         | .....          | 2.50                             | .....          |
| Total.....                    | 28                | 30,623             | 77,777         | 1.50- 5.00     | 2.54                             | 2.37           |
| Western white pine:           |                   |                    |                |                |                                  |                |
| Virgin.....                   | 5                 | 2,704              | 8,805          | 3.00- 8.00     | 3.26                             | 8.40           |
| Second.....                   | 7                 | 773                | 5,257          | 3.00- 7.00     | 6.80                             | 7.02           |
| Mixed.....                    | 1                 | 30                 | 210            | .....          | 7.00                             | .....          |
| Total.....                    | 13                | 3,507              | 14,272         | 3.00- 8.00     | 4.07                             | 3.39           |
| Lodgepole pine:               |                   |                    |                |                |                                  |                |
| Virgin.....                   | 2                 | 825                | 2,053          | .....          | 2.50                             | 3.19           |
| Second.....                   | 1                 | 34                 | 182            | .....          | 3.00                             | .....          |
| Total.....                    | 3                 | 859                | 2,165          | 2.50- 3.00     | 2.52                             | 3.19           |
| Western larch:                |                   |                    |                |                |                                  |                |
| Virgin.....                   | 8                 | 1,905              | 3,654          | 1.50- 3.50     | 1.86                             | 1.35           |
| Second.....                   | 12                | 4,140              | 6,618          | 1.00- 3.00     | 1.61                             | 1.72           |
| Mixed.....                    | 1                 | 3,645              | 3,645          | .....          | 1.00                             | .....          |
| Total.....                    | 21                | 9,760              | 13,945         | 1.00- 3.50     | 1.43                             | 1.38           |
| Engelmann spruce: Virgin..... | 3                 | 612                | 1,053          | 1.50- 2.75     | 1.72                             | 1.70           |
| Douglas fir:                  |                   |                    |                |                |                                  |                |
| Virgin.....                   | 13                | 3,195              | 6,733          | 1.50- 3.50     | 2.11                             | 1.27           |
| Second.....                   | 11                | 5,715              | 9,170          | 1.00- 3.00     | 1.60                             | 1.74           |
| Mixed.....                    | 1                 | 3,645              | 3,645          | .....          | 1.00                             | .....          |
| Total.....                    | 25                | 12,555             | 19,548         | 1.00- 3.50     | 1.56                             | 1.30           |

TABLE 9.—*Stumpage sales in Idaho, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

| Type of sale and species                               | Trans-<br>actions | Quantity            | Value          | Price range    | Average price<br>per M. ft. b. m. |                |
|--|-------------------|---------------------|----------------|----------------|-----------------------------------|----------------|
|  |                   |                     |                |                | 1945                              | 1943           |
| <b>Individual softwoods—Continued</b>                  |                   |                     |                |                |                                   |                |
| White fir:   | <i>Number</i>     | <i>M. ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                    | <i>Dollars</i> |
| Virgin.....  | 2                 | 285                 | 530            | 1.15-2.50      | 1.86                              | 1.67           |
| Second.....  | 5                 | 1,252               | 1,490          | 1.00-3.00      | 1.18                              | 1.88           |
| Mixed.....   | 1                 | 365                 | 456            | -----          | 1.25                              | -----          |
| Total.....   | 8                 | 1,912               | 2,476          | 1.00-3.00      | 1.29                              | 1.70           |
| Red cedar:   |                   |                     |                |                |                                   |                |
| Second.....  | 1                 | 30                  | 105            | -----          | 3.50                              | -----          |
| Mixed.....   | 1                 | 500                 | 1,000          | -----          | 2.00                              | 3.00           |
| Total.....   | 2                 | 530                 | 1,105          | 2.00-3.50      | 2.08                              | 2.88           |
| Total, average or spread,<br>individual softwoods..... | 103               | 60,348              | 132,341        | 1.00-8.00      | 2.10                              | 3.07           |
| <b>Flat-rate softwoods:</b>                            |                   |                     |                |                |                                   |                |
| Virgin.....  | 25                | 60,882              | 94,378         | .35-4.00       | 1.55                              | 2.10           |
| Second.....  | 8                 | 4,358               | 11,824         | 1.50-3.75      | 2.71                              | 1.67           |
| Mixed.....   | 2                 | 793                 | 1,440          | 1.50-2.00      | 1.82                              | -----          |
| Total.....   | 35                | 66,033              | 107,642        | .35-4.00       | 1.63                              | 2.10           |
| State total average or spread,<br>all species.....     | 136               | 126,351             | 239,983        | .35-8.00       | 1.90                              | 2.91           |

TABLE 10.—*Stumpage sales in Montana, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

| Type of sale and species                              | Trans-<br>actions | Quantity            | Value          | Price range    | Average price<br>per M. ft. b. m. |                |
|---|-------------------|---------------------|----------------|----------------|-----------------------------------|----------------|
|   |                   |                     |                |                | 1945                              | 1943           |
| <b>Individual softwoods:</b>                          |                   |                     |                |                |                                   |                |
| Ponderosa pine:                                       | <i>Number</i>     | <i>M. ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                    | <i>Dollars</i> |
| Virgin.....   | 23                | 14,367              | 49,365         | 0.13-5.00      | 3.44                              | 3.19           |
| Second.....   | 2                 | 1,211               | 10,994         | 5.25-10.00     | 9.05                              | 2.03           |
| Mixed.....  | 1                 | 67                  | 201            | -----          | 3.00                              | -----          |
| Total.....  | 26                | 15,645              | 60,560         | .13-10.00      | 3.87                              | 3.18           |
| Wester white pine: Virgin.....                        | 2                 | 15                  | 70             | 4.00-6.00      | 4.67                              | 3.10           |
| Lodgepole pine:                                       |                   |                     |                |                |                                   |                |
| Virgin.....   | 1                 | 50                  | 100            | -----          | 2.00                              | 2.92           |
| Second.....   | 2                 | 17                  | 39             | 2.00-2.50      | 2.29                              | 2.50           |
| Mixed.....  | 1                 | 2                   | 4              | -----          | 2.00                              | -----          |
| Total.....  | 4                 | 69                  | 143            | 2.00-2.50      | 2.07                              | 2.83           |
| Western larch: Virgin.....                            | 30                | 11,886              | 27,464         | .79-4.50       | 2.31                              | 1.60           |
| Engelmann spruce:                                     |                   |                     |                |                |                                   |                |
| Virgin.....   | 5                 | 1,575               | 2,951          | 1.00-3.85      | 1.87                              | 1.68           |
| Second.....   | 2                 | 43                  | 106            | 2.00-2.50      | 2.47                              | -----          |
| Mixed.....  | 1                 | 4                   | 5              | -----          | 2.00                              | -----          |
| Total.....  | 8                 | 1,622               | 3,065          | 1.00-3.85      | 1.89                              | 1.68           |
| Douglas fir:  |                   |                     |                |                |                                   |                |
| Virgin.....   | 42                | 14,573              | 37,682         | .79-4.60       | 2.50                              | 1.70           |
| Second.....   | 3                 | 100                 | 285            | 2.50-4.00      | 2.85                              | 1.78           |
| Mixed.....  | 1                 | 31                  | 62             | -----          | 2.00                              | 3.75           |
| Total.....  | 46                | 14,704              | 38,029         | .79-4.60       | 2.50                              | 1.71           |
| Total average or spread,<br>individual softwoods..... | 116               | 43,941              | 129,331        | .13-10.00      | 2.91                              | 2.12           |

TABLE 10.—*Stumpage sales in Montana, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Con.*

| Type of sale and species                        | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|---|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|   |               |                    |                |                | 1945                          | 1943           |
| Flat-rate softwoods:                            | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Virgin.....                                     | 16            | 27,800             | 48,300         | 1.08-4.00      | 1.74                          | 1.85           |
| Second.....                                     | 4             | 1,018              | 5,453          | 2.00-3.00      | 5.21                          | 1.00           |
| Mixed.....                                      | 1             | 100                | 390            |                | 3.00                          | 5.83           |
| Total.....                                      | 21            | 29,978             | 54,213         | 1.08-4.00      | 1.87                          | 1.87           |
| Individual hardwood: Cottonwood, second.....    | 1             | 100                | 300            |                | 3.00                          |                |
| State total average or spread, all species..... | 138           | 73,019             | 183,844        | 1.13-10.00     | 2.52                          | 1.96           |

TABLE 11.—*Stumpage sales in the southern Rocky Mountain region, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

| Type of sale and species                           | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|--|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|  |               |                    |                |                | 1945                          | 1943           |
| Individual softwoods:                              | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine:                                    |               |                    |                |                |                               |                |
| Virgin.....  | 79            | 37,299             | 127,018        | 2.00-7.45      | 3.41                          | 3.27           |
| Second.....  | 23            | 4,194              | 16,834         | 2.00-10.00     | 4.01                          | 3.77           |
| Mixed.....   | 6             | 1,483              | 7,833          | 1.65-6.35      | 5.28                          | 3.06           |
| Total.....   | 108           | 42,976             | 151,685        | 1.65-10.00     | 3.53                          | 3.38           |
| Lodgepole pine:                                    |               |                    |                |                |                               |                |
| Virgin.....  | 18            | 2,359              | 6,953          | 2.00-4.00      | 2.95                          | 2.23           |
| Second.....  | 1             | 20                 | 80             | 2.50-4.00      | 4.00                          | 2.05           |
| Total.....   | 19            | 2,379              | 7,033          | 2.00-4.00      | 2.96                          | 2.10           |
| Engelmann spruce:                                  |               |                    |                |                |                               |                |
| Virgin.....  | 24            | 4,760              | 14,485         | 1.75-4.00      | 3.03                          | 2.56           |
| Second.....  | 4             | 469                | 1,173          |                | 2.50                          | 2.45           |
| Total.....   | 28            | 5,229              | 15,658         | 1.75-4.00      | 2.96                          | 2.55           |
| Douglas fir:                                       |               |                    |                |                |                               |                |
| Virgin.....  | 17            | 12,726             | 47,128         | 2.50-4.50      | 3.70                          | 3.74           |
| Second.....  | 5             | 1,792              | 5,616          | 2.50-4.00      | 3.13                          | 2.61           |
| Total.....   | 22            | 14,518             | 52,745         | 2.50-4.50      | 3.63                          | 3.33           |
| White fir:   |               |                    |                |                |                               |                |
| Virgin.....  | 9             | 1,644              | 3,531          | 1.00-4.00      | 2.21                          | 2.53           |
| Second.....  | 2             | 50                 | 185            | 2.50-4.00      | 3.70                          | 2.12           |
| Total.....   | 11            | 1,694              | 3,816          | 1.00-4.00      | 2.25                          | 2.84           |
| Total average or spread, individual softwoods..... | 188           | 66,796             | 230,887        | 1.00-10.00     | 3.46                          | 3.16           |
| Flat-rate softwoods:                               |               |                    |                |                |                               |                |
| Virgin.....  | 15            | 2,205              | 8,859          | 2.10-8.00      | 3.86                          | 3.09           |
| Second.....  | 7             | 733                | 3,911          | 3.00-7.05      | 5.38                          | 3.19           |
| Mixed.....   | 3             | 80                 | 193            | 2.00-3.00      | 2.41                          |                |
| Total.....   | 25            | 3,108              | 12,963         | 2.00-8.00      | 4.18                          | 3.10           |

TABLE 11.—*Stumpage sales in the southern Rocky Mountain region, by species and growth, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued*

| Type of sale and species                              | Trans-<br>actions | Quantity    | Value   | Price range | Average price<br>per M ft. b. m. |         |
|---|-------------------|-------------|---------|-------------|----------------------------------|---------|
|   |                   |             |         |             | 1945                             | 1943    |
| Individual hardwood:                                  |                   |             |         |             |                                  |         |
| Cottonwood:   | Number            | M ft. b. m. | Dollars | Dollars     | Dollars                          | Dollars |
| Virgin.....   | 9                 | 527         | 1,077   | 1.50-6.00   | 2.04                             | 3.21    |
| Second.....   | 2                 | 25          | 75      |             | 3.00                             |         |
| Total.....  | 11                | 552         | 1,152   | 1.50-6.00   | 2.09                             | 3.18    |
| Regional total average<br>or spread, all species..... | 224               | 70,456      | 245,032 | 1.00-10.00  | 3.48                             | 3.15    |

TABLE 12.—*Log sales in the Pacific Northwest, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

| Type of sale and species              | Trans-<br>actions | Quantity    | Value      | Price range | Average price<br>per M ft. b. m. |         |
|---------------------------------------|-------------------|-------------|------------|-------------|----------------------------------|---------|
|                                       |                   |             |            |             | 1945                             | 1943    |
| Individual softwoods:                 |                   |             |            |             |                                  |         |
|                                       | Number            | M ft. b. m. | Dollars    | Dollars     | Dollars                          | Dollars |
| Ponderosa pine.....                   | 60                | 136,641     | 3,180,223  | 12.35-42.33 | 23.92                            | 18.75   |
| Western white pine.....               | 25                | 3,318       | 84,485     | 18.00-34.00 | 25.23                            | 20.19   |
| Sugar pine.....                       | 6                 | 2,476       | 43,396     | 17.00-23.50 | 17.53                            | 16.06   |
| Western larch.....                    | 23                | 6,000       | 115,813    | 12.17-28.00 | 19.30                            | 15.11   |
| Engelmann spruce.....                 | 6                 | 2,005       | 41,000     | 16.00-21.50 | 20.45                            |         |
| Sitka spruce.....                     | 81                | 137,885     | 3,559,788  | 11.00-47.38 | 25.82                            | 20.12   |
| Western hemlock.....                  | 133               | 483,788     | 11,460,375 | 10.00-32.77 | 23.41                            | 21.76   |
| Douglas fir.....                      | 561               | 1,503,350   | 30,041,779 | 2.00-49.00  | 25.01                            | 24.55   |
| White fir.....                        | 96                | 59,616      | 1,476,024  | 11.00-39.26 | 24.76                            | 27.19   |
| Incense cedar.....                    | 4                 | 1,071       | 19,487     | 13.50-18.50 | 18.20                            | 10.55   |
| Western red cedar.....                | 119               | 218,324     | 5,179,954  | 14.64-38.75 | 23.66                            | 24.23   |
| Port Orford cedar.....                |                   |             |            |             |                                  | 20.00   |
| Total average or spread.....          | 1,122             | 2,620,704   | 65,205,037 | 2.00-47.38  | 24.88                            | 23.93   |
| Flat-rate softwoods.....              | 57                | 443,909     | 10,956,320 | 13.00-31.01 | 24.68                            | 23.27   |
| Individual hardwoods:                 |                   |             |            |             |                                  |         |
| Oak.....                              | 1                 | 50          | 1,250      |             | 25.00                            | 37.00   |
| Maple.....                            | 12                | 1,093       | 64,025     | 20.00-37.50 | 32.29                            | 31.79   |
| Ash.....                              | 1                 | 150         | 3,750      |             | 25.00                            | 27.50   |
| Cottonwood.....                       | 30                | 9,376       | 189,488    | 15.50-27.00 | 20.21                            | 20.67   |
| Birch.....                            | 3                 | 82          | 2,637      | 30.00-37.50 | 32.16                            | 28.36   |
| Alder.....                            | 19                | 6,110       | 188,706    | 15.00-37.50 | 30.85                            | 28.05   |
| Regional total average or spread..... | 1,245             | 3,082,364   | 76,612,313 | 2.00-47.38  | 24.86                            | 23.86   |

TABLE 13.—*Log sales in Oregon, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945*

## REGION 1—EASTERN OREGON

| Type of sale and species                 | Trans-<br>actions | Quantity    | Value   | Price range | Average price<br>per M ft. b. m. |         |
|--|-------------------|-------------|---------|-------------|----------------------------------|---------|
|  |                   |             |         |             | 1945                             | 1943    |
| Individual softwoods:                    |                   |             |         |             |                                  |         |
|  | Number            | M ft. b. m. | Dollars | Dollars     | Dollars                          | Dollars |
| Ponderosa pine.....                      | 4                 | 4,000       | 70,000  | 17.00-20.60 | 17.65                            | 13.91   |
| Western larch.....                       |                   |             |         |             |                                  | 11.53   |
| Douglas fir.....                         | 1                 | 200         | 3,320   |             | 16.60                            | 10.30   |
| Total average or spread.....             | 5                 | 4,200       | 73,320  | 16.60-20.60 | 17.60                            | 12.90   |
| Flat-rate softwoods.....                 | 1                 | 410         | 5,330   |             | 13.00                            | 12.00   |
| Regional total average or<br>spread..... | 6                 | 4,610       | 78,650  | 13.00-20.60 | 17.19                            | 12.85   |

TABLE 13.—Log sales in Oregon, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

REGION 2—WESTERN OREGON

| Type of sale and species         | Transactions  | Quantity          | Value          | Price range    | Average price per M ft. b. m. |                |
|----------------------------------|---------------|-------------------|----------------|----------------|-------------------------------|----------------|
|                                  |               |                   |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>     | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine                   | 1             | 10                | 215            |                | 21.50                         | 15.75          |
| White pine                       | 1             | 423               | 10,789         |                | 25.50                         | 18.50          |
| Sugar pine                       | 1             | 10                | 190            |                | 19.00                         |                |
| Sitka spruce                     | 25            | 48,835            | 1,088,742      | 17.00-40.11    | 22.29                         | 19.32          |
| Hemlock                          | 32            | 191,710           | 4,663,078      | 13.50-28.25    | 24.32                         | 21.03          |
| Douglas fir                      | 216           | 480,586           | 11,147,392     | 12.75-37.05    | 22.77                         | 20.28          |
| White fir                        | 18            | 13,430            | 320,148        | 15.00-33.06    | 23.84                         | 19.00          |
| Incense cedar                    | 2             | 1,007             | 18,623         | 17.50-18.50    | 18.49                         |                |
| Red cedar                        | 21            | 28,957            | 562,727        | 14.04-24.03    | 20.85                         | 19.11          |
| Port Orford cedar                |               |                   |                |                |                               | 20.00          |
| Total average or spread          | 317           | 772,017           | 17,811,914     | 12.75-40.11    | 23.07                         | 20.35          |
| Flat-rate softwoods              | 10            | 81,638            | 1,572,548      | 14.25-25.28    | 22.94                         | 21.17          |
| <b>Individual hardwoods:</b>     |               |                   |                |                |                               |                |
| Oak                              | 1             | 50                | 1,250          |                | 25.00                         | 37.00          |
| Maple                            | 2             | 214               | 5,350          |                | 25.00                         | 30.00          |
| Ash                              | 1             | 150               | 3,750          |                | 25.00                         | 22.50          |
| Cottonwood                       | 2             | 6,225             | 123,940        | 10.89-19.98    | 16.00                         | 20.00          |
| Alder                            | 4             | 808               | 19,282         | 23.00-25.00    | 23.86                         | 15.00          |
| Regional total average or spread | 337           | 861,105           | 19,838,043     | 12.75-40.11    | 23.04                         | 20.44          |

REGION 3—COLUMBIA RIVER

|                                  |     |         |            |             |       |       |
|----------------------------------|-----|---------|------------|-------------|-------|-------|
| <b>Individual softwoods:</b>     |     |         |            |             |       |       |
| Ponderosa pine                   | 2   | 819     | 18,316     | 18.50-20.00 | 19.02 | 23.43 |
| White pine                       | 3   | 83      | 1,911      | 20.00-30.75 | 23.02 | 23.00 |
| Sitka spruce                     | 12  | 23,237  | 701,345    | 24.29-39.64 | 30.18 | 28.15 |
| Hemlock                          | 7   | 4,087   | 111,395    | 22.29-30.31 | 27.26 | 23.14 |
| Douglas fir                      | 69  | 337,830 | 9,982,531  | 6.75-38.09  | 29.55 | 26.50 |
| White fir                        | 5   | 4,614   | 175,304    | 19.07-30.26 | 38.01 | 31.55 |
| Red cedar                        | 14  | 23,952  | 526,263    | 19.00-38.75 | 21.97 | 21.06 |
| Total average or spread          | 112 | 394,622 | 11,515,155 | 6.75-39.64  | 29.18 | 26.42 |
| Flat-rate softwoods              | 5   | 94,423  | 2,786,891  | 17.00-31.04 | 29.65 | 24.31 |
| <b>Individual hardwoods:</b>     |     |         |            |             |       |       |
| Maple                            |     |         |            |             |       | 30.00 |
| Ash                              |     |         |            |             |       | 30.00 |
| Cottonwood                       |     |         |            |             |       | 25.00 |
| Alder                            |     |         |            |             |       | 30.00 |
| Regional total average or spread | 117 | 480,045 | 14,315,046 | 6.75-39.64  | 29.27 | 26.11 |

REGION 4—KLAMATH

|                                  |    |         |           |             |       |       |
|----------------------------------|----|---------|-----------|-------------|-------|-------|
| <b>Individual softwoods:</b>     |    |         |           |             |       |       |
| Ponderosa pine                   | 33 | 86,609  | 2,202,700 | 12.35-43.33 | 25.43 | 19.50 |
| White pine                       | 1  | 75      | 1,970     |             | 26.00 |       |
| Sugar pine                       | 5  | 2,466   | 43,206    | 17.00-23.50 | 17.82 | 16.06 |
| Douglas fir                      | 38 | 35,621  | 553,051   | 10.00-21.00 | 15.47 | 13.00 |
| White fir                        | 11 | 7,423   | 153,616   | 16.00-25.31 | 20.62 | 19.01 |
| Incense cedar                    | 2  | 61      | 854       |             | 13.50 | 10.35 |
| Regional total average or spread | 80 | 132,159 | 2,954,933 | 10.00-42.33 | 22.36 | 18.24 |

STATE TOTALS

|                              |     |         |            |             |       |       |
|------------------------------|-----|---------|------------|-------------|-------|-------|
| <b>Individual softwoods:</b> |     |         |            |             |       |       |
| Ponderosa pine               | 40  | 91,438  | 2,289,621  | 12.35-42.33 | 25.04 | 19.29 |
| White pine                   | 4   | 592     | 14,686     | 20.00-30.75 | 25.23 | 21.51 |
| Sugar pine                   | 6   | 2,476   | 43,396     | 17.00-23.50 | 17.53 | 16.06 |
| Western larch                |     |         |            |             |       | 11.53 |
| Sitka spruce                 | 37  | 72,072  | 1,780,087  | 17.00-40.11 | 24.81 | 23.17 |
| Hemlock                      | 30  | 195,696 | 4,774,473  | 13.50-30.31 | 24.38 | 22.35 |
| Douglas fir                  | 314 | 863,147 | 21,086,291 | 6.75-38.00  | 25.12 | 22.63 |

TABLE 13.—Log sales in Oregon, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## STATE TOTALS—Continued

| Type of sale and species       | Transactions | Quantity    | Value      | Price range | Average price per M ft. b. m. |         |
|--------------------------------|--------------|-------------|------------|-------------|-------------------------------|---------|
|                                |              |             |            |             | 1945                          | 1943    |
| Individual softwoods—Continued | Number       | M ft. b. m. | Dollars    | Dollars     | Dollars                       | Dollars |
| White fir                      | 34           | 25,467      | 648,558    | 15.00-39.25 | 25.47                         | 23.58   |
| Incense cedar                  | 4            | 1,071       | 19,487     | 13.50-18.50 | 18.20                         | 10.35   |
| Red cedar                      | 35           | 50,939      | 1,088,990  | 14.64-38.75 | 21.38                         | 20.06   |
| Port Orford cedar              |              |             |            |             |                               | 20.00   |
| Total average or spread        | 514          | 1,302,908   | 32,355,922 | 6.75-42.33  | 24.83                         | 22.20   |
| Flat-rate softwoods            | 10           | 176,471     | 4,677,769  | 13.00-31.04 | 26.51                         | 22.84   |
| Individual hardwoods:          |              |             |            |             |                               |         |
| Oak                            | 1            | 50          | 1,250      |             | 25.00                         | 37.00   |
| Maple                          | 2            | 214         | 5,350      |             | 25.00                         | 30.00   |
| Ash                            | 1            | 150         | 3,750      |             | 25.00                         | 27.74   |
| Cottonwood                     | 2            | 6,228       | 123,949    | 19.59-19.98 | 19.00                         | 24.89   |
| Alder                          | 4            | 808         | 19,282     | 22.00-25.00 | 23.86                         | 20.87   |
| State total average or spread  | 540          | 1,486,019   | 37,187,272 | 6.75-42.33  | 25.01                         | 22.36   |

TABLE 14.—Log sales in Washington, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## REGION 1—PUGET SOUND

| Type of sale and species         | Transactions | Quantity    | Value      | Price range | Average price per M ft. b. m. |         |
|----------------------------------|--------------|-------------|------------|-------------|-------------------------------|---------|
|                                  |              |             |            |             | 1945                          | 1943    |
| Individual softwoods:            | Number       | M ft. b. m. | Dollars    | Dollars     | Dollars                       | Dollars |
| White pine                       | 15           | 1,080       | 27,351     | 18.00-34.00 | 24.96                         | 25.24   |
| Sitka spruce                     | 23           | 10,584      | 469,627    | 17.00-47.38 | 28.26                         | 34.61   |
| Hemlock                          | 45           | 135,651     | 3,515,567  | 16.00-32.77 | 22.59                         | 21.93   |
| Douglas fir                      | 143          | 300,267     | 10,057,793 | 2.00-41.03  | 25.69                         | 26.80   |
| White fir                        | 14           | 5,044       | 186,148    | 13.60-35.45 | 30.80                         | 25.95   |
| Red cedar                        | 61           | 106,327     | 2,534,531  | 17.00-38.00 | 23.84                         | 25.33   |
| Total average or spread          | 301          | 584,572     | 17,390,017 | 2.00-47.38  | 25.39                         | 26.94   |
| Flat-rate softwoods              | 18           | 200,857     | 4,735,451  | 17.00-30.30 | 23.58                         | 26.66   |
| Individual hardwoods:            |              |             |            |             |                               |         |
| Maple                            | 9            | 1,767       | 58,635     | 25.00-37.50 | 33.18                         | 26.89   |
| Cottonwood                       | 17           | 2,270       | 50,286     | 16.00-27.00 | 23.15                         | 19.13   |
| Birch                            | 3            | 82          | 2,637      | 30.00-37.50 | 32.16                         | 20.36   |
| Alder                            | 11           | 5,144       | 165,616    | 15.00-37.50 | 32.20                         | 27.20   |
| Regional total average or spread | 359          | 895,692     | 22,402,642 | 2.00-47.38  | 25.03                         | 26.00   |

## REGION 2—EASTERN WASHINGTON

|                                  |     |        |           |             |       |       |
|----------------------------------|-----|--------|-----------|-------------|-------|-------|
| Individual softwoods:            |     |        |           |             |       |       |
| Ponderosa pine                   | 24  | 41,130 | 800,013   | 15.00-22.67 | 19.45 | 15.97 |
| White pine                       | 3   | 1,114  | 28,677    | 24.14-29.41 | 28.20 | 28.23 |
| Larch                            | 23  | 6,000  | 115,813   | 12.17-28.60 | 19.30 | 14.50 |
| Engelmann spruce                 | 6   | 2,005  | 41,000    | 16.00-21.50 | 20.45 |       |
| Hemlock                          | 4   | 9,529  | 200,722   | 21.00-23.50 | 21.07 |       |
| Douglas fir                      | 34  | 14,096 | 264,221   | 12.17-28.70 | 17.95 | 16.46 |
| White fir                        | 14  | 8,256  | 180,162   | 14.00-23.50 | 21.10 | 19.51 |
| Red cedar                        | 1   | 20     | 320       |             | 16.00 | 16.50 |
| Total average or spread          | 100 | 83,750 | 1,616,338 | 12.17-28.60 | 19.66 | 17.43 |
| Flat-rate softwoods              | 12  | 14,884 | 280,414   | 14.50-24.16 | 19.24 | 16.14 |
| Cottonwood                       | 9   | 852    | 14,718    | 15.50-20.50 | 17.27 |       |
| Regional total average or spread | 130 | 99,486 | 1,947,470 | 12.17-28.60 | 19.58 | 16.93 |

TABLE 14.—Log sales in Washington, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

| REGION 3—GRAYS HARBOR                 |               |                    |                |                |                               |                |
|---------------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
| Type of sale and species              | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|                                       |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>          | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| White pine.....                       | 2             | 556                | 14,371         | 25.84-32.83    | 25.85                         | 21.00          |
| Sitka spruce.....                     | 17            | 43,437             | 1,163,236      | 11.00-45.00    | 26.78                         | 27.85          |
| Hemlock.....                          | 32            | 47,600             | 1,029,317      | 11.00-29.50    | 21.62                         | 20.26          |
| Douglas fir.....                      | 22            | 73,261             | 2,260,613      | 16.00-42.50    | 30.94                         | 30.21          |
| White fir.....                        | 24            | 8,516              | 235,567        | 11.00-20.60    | 24.15                         | 22.47          |
| Red cedar.....                        | 9             | 33,505             | 886,936        | 21.00-30.00    | 26.47                         | 24.90          |
| Total average or spread.....          | 106           | 206,875            | 5,505,990      | 11.00-45.00    | 24.01                         | 26.35          |
| Flat-rate softwoods.....              | 1             | 21,350             | 515,755        | -----          | 24.15                         | 22.46          |
| <b>Individual hardwoods:</b>          |               |                    |                |                |                               |                |
| Maple.....                            | 1             | 2                  | 40             | -----          | 20.00                         | -----          |
| Cottonwood.....                       | 2             | 26                 | 535            | 20.00-20.67    | 20.58                         | -----          |
| Alder.....                            | 3             | 71                 | 1,633          | 30.00-23.95    | 23.00                         | 20.00          |
| Regional total average or spread..... | 113           | 228,330            | 6,083,943      | 11.00-45.00    | 26.65                         | 25.69          |

| REGION 4—WILLAPA HARBOR               |       |        |           |             |       |       |
|---------------------------------------|-------|--------|-----------|-------------|-------|-------|
| <b>Individual softwoods:</b>          |       |        |           |             |       |       |
| Sitka spruce.....                     | 3     | 4,060  | 93,402    | 22.53-28.25 | 23.01 | 24.21 |
| Hemlock.....                          | 3     | 15,299 | 337,460   | 21.02-28.25 | 22.06 | 19.89 |
| Douglas fir.....                      | 3     | 11,381 | 278,446   | 22.03-31.25 | 24.47 | 20.55 |
| White fir.....                        | ----- | -----  | -----     | -----       | ----- | 20.80 |
| Red cedar.....                        | 3     | 16,783 | 416,445   | 22.89-25.49 | 24.86 | 21.04 |
| Total average or spread.....          | 12    | 47,493 | 1,125,783 | 21.02-31.25 | 23.70 | 22.20 |
| Flat-rate softwoods.....              | 2     | 26,696 | 780,231   | 21.07-20.09 | 24.50 | ----- |
| Regional total average or spread..... | 14    | 77,189 | 1,856,017 | 21.02-31.25 | 24.05 | 22.20 |

| REGION 5—COLUMBIA RIVER               |       |         |           |             |       |       |
|---------------------------------------|-------|---------|-----------|-------------|-------|-------|
| <b>Individual softwoods:</b>          |       |         |           |             |       |       |
| Ponderosa pine.....                   | 2     | 4,073   | 96,289    | 21.52-23.00 | 23.04 | ----- |
| White pine.....                       | ----- | -----   | -----     | -----       | ----- | 22.05 |
| Larch.....                            | ----- | -----   | -----     | -----       | ----- | 21.04 |
| Sitka spruce.....                     | 3     | 1,732   | 44,416    | 23.70-20.61 | 25.64 | 20.03 |
| Hemlock.....                          | 10    | 65,804  | 1,660,360 | 10.00-26.65 | 24.42 | 22.46 |
| Douglas fir.....                      | 45    | 201,508 | 4,888,432 | 13.74-39.10 | 24.25 | 25.60 |
| White fir.....                        | 10    | 10,430  | 239,619   | 21.72-24.72 | 23.18 | 25.92 |
| Red cedar.....                        | 10    | 19,980  | 243,762   | 17.00-24.31 | 22.20 | 21.09 |
| Total average or spread.....          | 80    | 264,616 | 7,121,897 | 10.00-39.10 | 24.17 | 23.95 |
| Flat-rate softwoods.....              | 8     | 645     | 10,897    | 14.76-24.71 | 16.89 | ----- |
| <b>Individual hardwoods:</b>          |       |         |           |             |       |       |
| Maple.....                            | ----- | -----   | -----     | -----       | ----- | 42.50 |
| Ash.....                              | ----- | -----   | -----     | -----       | ----- | 42.50 |
| Alder.....                            | 1     | 87      | 2,175     | -----       | 25.00 | 23.29 |
| Regional total average or spread..... | 89    | 265,348 | 7,131,960 | 10.00-39.10 | 24.13 | 23.98 |

| STATE TOTALS                 |     |           |            |             |       |       |
|------------------------------|-----|-----------|------------|-------------|-------|-------|
| <b>Individual softwoods:</b> |     |           |            |             |       |       |
| Ponderosa pine.....          | 26  | 45,203    | 806,302    | 15.00-23.99 | 19.53 | 15.97 |
| White pine.....              | 20  | 2,768     | 69,799     | 18.00-34.00 | 25.23 | 26.44 |
| Larch.....                   | 23  | 6,900     | 115,513    | 12.17-28.60 | 19.30 | 15.14 |
| Engelmann spruce.....        | 6   | 2,005     | 41,000     | 16.00-21.50 | 20.45 | ----- |
| Sitka spruce.....            | 46  | 85,813    | 1,760,681  | 11.00-47.38 | 26.80 | 28.40 |
| Hemlock.....                 | 91  | 281,952   | 6,092,605  | 10.00-32.77 | 22.77 | 21.57 |
| Douglas fir.....             | 217 | 703,203   | 18,355,485 | 2.00-43.00  | 26.21 | 26.76 |
| White fir.....               | 62  | 31,149    | 827,436    | 11.00-35.48 | 24.23 | 24.22 |
| Red cedar.....               | 31  | 167,585   | 4,081,994  | 16.00-38.00 | 24.36 | 24.78 |
| Total average or spread..... | 608 | 1,317,706 | 32,850,016 | 2.00-47.38  | 24.03 | 25.26 |

TABLE 14.—Log sales in Washington, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

## STATE TOTALS—Continued

| Type of sale and species           | Trans-<br>actions | Quantity               | Value                | Price range            | Average price<br>per M ft. b. m. |                  |
|------------------------------------|-------------------|------------------------|----------------------|------------------------|----------------------------------|------------------|
|                                    |                   |                        |                      |                        | 1945                             | 1943             |
| Flat-rate softwoods.....           | 41                | M ft. b. m.<br>267,438 | Dollars<br>6,278,751 | Dollars<br>14.50-30.30 | Dollars<br>23.48                 | Dollars<br>23.63 |
| Individual hardwoods:              |                   |                        |                      |                        |                                  |                  |
| Maple.....                         | 10                | 1,760                  | 58,675               | 20.00-37.50            | 33.17                            | 32.17            |
| Ash.....                           |                   |                        |                      |                        |                                  | 42.50            |
| Cottonwood.....                    | 28                | 3,148                  | 65,539               | 15.50-27.00            | 20.82                            | 19.13            |
| Birch.....                         | 3                 | 82                     | 2,637                | 30.00-37.50            | 32.16                            | 29.36            |
| Alder.....                         | 15                | 5,362                  | 169,424              | 15.00-37.50            | 31.05                            | 27.19            |
| State total average or spread..... | 705               | 1,595,445              | 39,425,041           | 2.00-47.36             | 24.71                            | 25.12            |

TABLE 15.—Log sales in California, by region, species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## REGION 1—REDWOOD

| Type of sale and species              | Trans-<br>actions | Quantity | Value   | Price range | Average price<br>per M ft. b. m. |       |
|---------------------------------------|-------------------|----------|---------|-------------|----------------------------------|-------|
|                                       |                   |          |         |             | 1945                             | 1943  |
| Individual softwoods:                 |                   |          |         |             |                                  |       |
| Ponderosa pine.....                   |                   |          |         |             |                                  | 8.52  |
| Sitka spruce.....                     | 4                 | 50       | 950     | 15.00-18.00 | 16.37                            |       |
| Douglas fir.....                      | 46                | 18,317   | 328,183 | 11.23-39.00 | 17.92                            | 13.78 |
| White fir.....                        | 9                 | 277      | 3,877   | 16.55-16.00 | 14.00                            |       |
| Redwood.....                          | 22                | 21,382   | 410,129 | 12.00-38.50 | 19.18                            | 16.21 |
| Incense cedar.....                    | 1                 | 543      | 9,268   |             | 17.05                            |       |
| Total average or spread.....          | 82                | 40,578   | 752,404 | 10.05-38.50 | 18.54                            | 14.09 |
| Flat-rate softwoods.....              | 1                 | 244      | 3,650   |             | 15.00                            | 15.98 |
| Oak.....                              | 1                 | 2        | 28      |             | 14.00                            |       |
| Regional total average or spread..... | 84                | 40,824   | 756,082 | 10.05-38.50 | 18.52                            | 14.77 |

## REGION 2—PINE

|                                       |    |         |           |             |       |       |
|---------------------------------------|----|---------|-----------|-------------|-------|-------|
| Individual softwoods:                 |    |         |           |             |       |       |
| Ponderosa pine.....                   | 42 | 36,918  | 552,773   | 10.00-40.00 | 14.96 | 18.46 |
| Sugar pine.....                       | 7  | 10,459  | 134,342   | 12.53-25.00 | 12.84 | 18.99 |
| Douglas fir.....                      | 7  | 1,042   | 13,066    | 8.05-22.85  | 12.54 | 12.62 |
| White fir.....                        | 6  | 10,970  | 109,393   | 9.60-23.00  | 9.96  | 12.67 |
| Incense cedar.....                    | 2  | 1,055   | 15,516    | 9.29-12.50  | 9.38  | 10.08 |
| Total average or spread.....          | 66 | 61,082  | 826,090   | 8.96-40.00  | 13.51 | 16.10 |
| Flat-rate softwoods.....              | 29 | 62,729  | 1,092,465 | 14.00-32.00 | 17.42 | 13.88 |
| Regional total average or spread..... | 95 | 123,812 | 1,917,555 | 8.96-40.00  | 15.40 | 15.00 |

## STATE TOTALS

|                                    |     |         |           |             |       |       |
|------------------------------------|-----|---------|-----------|-------------|-------|-------|
| Individual softwoods:              |     |         |           |             |       |       |
| Ponderosa pine.....                | 42  | 36,918  | 552,773   | 10.00-40.00 | 14.96 | 18.44 |
| Sugar pine.....                    | 7   | 10,459  | 134,342   | 12.53-25.00 | 12.84 | 18.99 |
| Sitka spruce.....                  | 4   | 50      | 950       | 15.00-18.00 | 16.37 |       |
| Douglas fir.....                   | 53  | 19,359  | 341,249   | 8.90-30.00  | 17.63 | 12.91 |
| White fir.....                     | 17  | 11,256  | 113,279   | 9.60-23.00  | 10.06 | 12.67 |
| Redwood.....                       | 22  | 21,382  | 410,129   | 12.00-38.50 | 19.18 | 16.21 |
| Incense cedar.....                 | 3   | 2,108   | 21,774    | 9.29-17.05  | 11.27 | 10.08 |
| Total average or spread.....       | 148 | 101,662 | 1,577,494 | 8.90-40.00  | 15.52 | 15.88 |
| Flat-rate softwoods.....           | 30  | 62,973  | 1,096,125 | 14.00-32.00 | 17.41 | 14.10 |
| Oak.....                           | 1   | 2       | 28        | 14.00-32.00 | 14.00 |       |
| State total average or spread..... | 179 | 164,636 | 2,673,647 | 8.96-40.00  | 16.21 | 15.73 |

TABLE 16.—Log sales in the northern Rocky Mountain region, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species            | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|-------------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                                     |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>        | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....                 | 47            | 21,065             | 387,077        | 10.00-23.75    | 18.38                         | 16.03          |
| Western white pine.....             | 23            | 4,043              | 111,546        | 15.00-30.75    | 27.50                         | 23.33          |
| Lodgepole pine.....                 | 1             | 53                 | 1,047          | -----          | 10.75                         | 10.00          |
| Western larch.....                  | 35            | 17,408             | 315,479        | 10.00-25.50    | 18.03                         | 14.81          |
| Engelmann spruce.....               | 7             | 813                | 12,405         | 14.50-18.00    | 15.20                         | 13.75          |
| Western hemlock.....                | -----         | -----              | -----          | -----          | -----                         | 17.15          |
| Douglas fir.....                    | 40            | 17,004             | 301,604        | 10.00-25.50    | 17.74                         | 15.35          |
| White fir.....                      | 12            | 3,909              | 76,570         | 12.00-22.25    | 10.15                         | 15.31          |
| Western red cedar.....              | 15            | 843                | 14,647         | 15.00-21.75    | 17.37                         | 15.98          |
| Total average or spread.....        | 180           | 65,318             | 1,220,375      | 10.00-30.75    | 18.68                         | 15.93          |
| Flat-rate softwoods.....            | 18            | 11,724             | 215,056        | -----          | 18.34                         | 14.77          |
| Cottonwood.....                     | 1             | 3                  | 48             | -----          | 16.00                         | -----          |
| Region total average or spread..... | 199           | 77,045             | 1,435,479      | 10.00-30.75    | 18.63                         | 15.70          |

TABLE 17.—Log sales in Idaho, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species           | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|------------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                                    |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>       | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....                | 33            | 15,720             | 300,168        | 13.20-23.75    | 19.09                         | 16.30          |
| White pine.....                    | 18            | 3,858              | 127,327        | 20.00-30.75    | 27.82                         | 24.23          |
| Western larch.....                 | 26            | 13,195             | 259,080        | 10.00-25.50    | 19.18                         | 15.57          |
| Engelmann spruce.....              | 1             | 25                 | 450            | -----          | 18.00                         | 15.26          |
| Douglas fir.....                   | 32            | 12,698             | 238,847        | 10.00-25.50    | 18.81                         | 16.16          |
| White fir.....                     | 12            | 3,909              | 76,570         | 12.00-22.25    | 10.15                         | 15.31          |
| Western red cedar.....             | 15            | 843                | 14,647         | 15.00-21.75    | 17.37                         | 15.88          |
| Total average or spread.....       | 137           | 50,338             | 991,077        | 10.00-30.75    | 19.69                         | 16.67          |
| Flat-rate softwoods.....           | 11            | 4,680              | 75,548         | 12.00-19.00    | 16.14                         | 15.24          |
| Cottonwood.....                    | 1             | 3                  | 48             | -----          | 16.00                         | -----          |
| State total average or spread..... | 149           | 55,021             | 1,066,673      | 10.00-30.75    | 19.39                         | 16.47          |

TABLE 18.—Log sales in Montana, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species           | Transactions  | Quantity            | Value          | Price range    | Average price per M ft. b. m. |                |
|------------------------------------|---------------|---------------------|----------------|----------------|-------------------------------|----------------|
|                                    |               |                     |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>       | <i>Number</i> | <i>M feet b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....                | 14            | 5,345               | 80,911         | 10.00-20.00    | 16.20                         | 14.92          |
| Western white pine.....            | 5             | 185                 | 4,219          | 15.00-24.00    | 22.81                         | 19.75          |
| Lodgepole pine.....                | 1             | 53                  | 1,047          | -----          | 10.75                         | 10.00          |
| Western larch.....                 | 9             | 4,303               | 62,399         | 10.00-16.50    | 14.50                         | 12.01          |
| Engelmann spruce.....              | 6             | 788                 | 11,965         | 14.50-19.00    | 15.17                         | 13.65          |
| Douglas fir.....                   | 8             | 4,300               | 62,767         | 10.00-16.50    | 14.58                         | 12.03          |
| Total average or spread.....       | 43            | 14,980              | 229,298        | 10.00-24.00    | 15.31                         | 13.88          |
| Flat-rate softwoods.....           | 7             | 7,044               | 130,508        | 12.50-25.75    | 19.81                         | 14.36          |
| State total average or spread..... | 50            | 22,024              | 368,806        | 10.00-25.75    | 16.75                         | 14.04          |

TABLE 19.—Log sales in the southern Rocky Mountain region, by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species     | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                              |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b> | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....          | 15            | 9,448              | 228,512        | 12.00-32.00    | 24.19                         | 9.00           |
| Lodgepole pine.....          | 13            | 1,000              | 20,352         | 16.00-23.00    | 20.35                         | 19.16          |
| Engelmann spruce.....        | 4             | 50                 | 1,229          | 19.00-23.00    | 20.63                         | 17.95          |
| Douglas fir.....             | 2             | 163                | 2,930          | 18.00-19.00    | 18.03                         | 16.77          |
| White fir.....               | 1             | 130                | 3,400          | -----          | 26.00                         | 12.28          |
| Total average or spread..... | 35            | 10,806             | 256,432        | 12.00-32.00    | 21.73                         | 12.27          |
| Flat-rate softwoods.....     | 2             | 1,240              | 38,800         | 20.00-30.00    | 29.68                         | 18.87          |
| Cottonwood.....              | 3             | 98                 | 1,312          | 16.00-20.00    | 19.29                         | 18.58          |
| Total average or spread..... | 40            | 12,144             | 294,544        | 12.00-32.00    | 24.31                         | 14.63          |

TABLE 20.—Total stumpage sales in the Douglas fir region,<sup>1</sup> by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Type of sale and species              | Transactions  | Quantity           | Value          | Price range    | Average price per M ft. b. m. |                |
|---------------------------------------|---------------|--------------------|----------------|----------------|-------------------------------|----------------|
|                                       |               |                    |                |                | 1945                          | 1943           |
| <b>Individual softwoods:</b>          | <i>Number</i> | <i>M ft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....                   | -----         | -----              | -----          | -----          | -----                         | 2.23           |
| White pine.....                       | 15            | 9,362              | 44,240         | 0.75-7.50      | 4.71                          | 3.85           |
| Sugar pine.....                       | 5             | 844                | 8,508          | 3.00-12.00     | 10.08                         | 5.55           |
| Sitka spruce.....                     | 60            | 44,078             | 150,720        | .82-8.50       | 3.42                          | 4.34           |
| Hemlock.....                          | 154           | 840,049            | 1,259,831      | .20-4.50       | 1.50                          | 1.73           |
| Douglas fir.....                      | 625           | 3,819,750          | 11,296,516     | .25-13.00      | 2.06                          | 3.75           |
| White fir.....                        | 48            | 211,724            | 539,037        | .50-8.00       | 2.55                          | 1.88           |
| Incense cedar.....                    | 7             | 902                | 1,601          | 1.35-3.00      | 1.77                          | 1.38           |
| Red cedar.....                        | 08            | 151,561            | 542,364        | .75-7.02       | 3.58                          | 4.54           |
| Port Orford cedar.....                | 8             | 52,763             | 631,173        | 5.00-15.00     | 11.06                         | 4.00           |
| Total average or spread.....          | 1,010         | 5,131,072          | 14,474,888     | .20-15.00      | 2.82                          | 3.51           |
| Flat-rate softwoods.....              | 130           | 722,353            | 1,081,171      | .54-8.00       | 2.71                          | 3.19           |
| <b>Individual hardwoods:</b>          |               |                    |                |                |                               |                |
| Oak.....                              | 4             | 197                | 2,845          | 10.00-15.00    | 14.44                         | 13.85          |
| Maple.....                            | 4             | 96                 | 261            | 1.20-5.00      | 2.72                          | 1.47           |
| Ash.....                              | -----         | -----              | -----          | -----          | -----                         | 7.36           |
| Cottonwood.....                       | -----         | -----              | -----          | -----          | -----                         | 1.32           |
| Alder.....                            | 20            | 10,620             | 10,290         | .20-5.00       | .07                           | 1.75           |
| Myrtle.....                           | 1             | 50                 | 500            | -----          | 10.00                         | -----          |
| Regional total average or spread..... | 1,175         | 5,864,388          | 16,469,964     | .20-15.00      | 2.81                          | 3.44           |

<sup>1</sup> The part of Washington and Oregon lying west of the Cascades.

TABLE 21.—Total log sales in the Douglas fir region,<sup>1</sup> by species and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

| Species                        | Lumber      |                               |         | Ties        |                               |         | Cooperage   |                               |         | Pulpwood    |                               |         |
|--------------------------------|-------------|-------------------------------|---------|-------------|-------------------------------|---------|-------------|-------------------------------|---------|-------------|-------------------------------|---------|
|                                | Quantity    | Average price per M ft. b. m. |         | Quantity    | Average price per M ft. b. m. |         | Quantity    | Average price per M ft. b. m. |         | Quantity    | Average price per M ft. b. m. |         |
|                                |             | 1945                          | 1943    |             | 1945                          | 1943    |             | 1945                          | 1943    |             | 1945                          | 1943    |
| Ponderosa pine.....            | M ft. b. m. | Dollars                       | Dollars | M ft. b. m. | Dollars                       | Dollars | M ft. b. m. | Dollars                       | Dollars | M ft. b. m. | Dollars                       | Dollars |
| White pine.....                | 4,892       | 23.02                         | 20.05   | —           | —                             | —       | —           | —                             | —       | —           | —                             | 21.00   |
| Sugar pine.....                | 1,940       | 25.59                         | 24.79   | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Sitka spruce.....              | 10          | 10.00                         | —       | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Hemlock.....                   | 76,317      | 27.62                         | 28.73   | 100         | 28.25                         | —       | 1,908       | 28.47                         | 28.74   | 48,047      | 22.23                         | 18.63   |
| Douglas fir <sup>2</sup> ..... | 114,423     | 22.38                         | 23.39   | 255         | 27.89                         | 17.00   | 2,755       | 29.55                         | 25.65   | 349,609     | 23.80                         | 21.30   |
| White fir.....                 | 1,084,385   | 23.73                         | 22.80   | 8,054       | 22.02                         | 14.05   | 35,850      | 30.60                         | 30.36   | 48,146      | 19.08                         | 18.01   |
| Incense cedar.....             | 12,739      | 35.78                         | 29.95   | —           | —                             | —       | —           | —                             | —       | 20,004      | 23.81                         | 21.01   |
| Red cedar.....                 | 7           | 17.71                         | —       | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Port Orford cedar.....         | 30,167      | 28.87                         | 27.35   | 100         | 29.00                         | 13.00   | —           | —                             | —       | —           | —                             | —       |
| Oak.....                       | —           | —                             | 26.00   | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Maple.....                     | 1,680       | 33.08                         | 26.46   | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Ash.....                       | 150         | 25.00                         | 27.30   | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Cottonwood.....                | 1,353       | 21.00                         | 22.52   | 4           | 20.00                         | —       | —           | —                             | —       | 7,107       | 20.24                         | 18.51   |
| Birch.....                     | 82          | 32.16                         | 29.36   | —           | —                             | —       | —           | —                             | —       | —           | —                             | —       |
| Alder.....                     | 5,236       | 31.11                         | 27.29   | 8           | 20.00                         | —       | —           | —                             | —       | —           | —                             | —       |

| Species                        | Veneer      |                               |         | Miscellaneous |                               |         | All products |                               |         |
|--------------------------------|-------------|-------------------------------|---------|---------------|-------------------------------|---------|--------------|-------------------------------|---------|
|                                | Quantity    | Average price per M ft. b. m. |         | Quantity      | Average price per M ft. b. m. |         | Quantity     | Average price per M ft. b. m. |         |
|                                |             | 1945                          | 1943    |               | 1945                          | 1943    |              | 1945                          | 1943    |
| Ponderosa pine.....            | M ft. b. m. | Dollars                       | Dollars | M ft. b. m.   | Dollars                       | Dollars | M ft. b. m.  | Dollars                       | Dollars |
| White pine.....                | 218         | 22.00                         | 28.00   | 10            | 21.80                         | —       | 4,902        | 23.02                         | 23.00   |
| Sugar pine.....                | —           | —                             | —       | —             | —                             | —       | 2,158        | 25.22                         | 24.23   |
| Sitka spruce.....              | —           | —                             | —       | —             | —                             | —       | 30           | 19.00                         | —       |
| Hemlock.....                   | 8,536       | 29.40                         | 24.14   | 2,977         | 25.39                         | 15.03   | 187,885      | 25.82                         | 20.12   |
| Douglas fir <sup>2</sup> ..... | 10,172      | 22.50                         | 20.80   | 3,045         | 21.45                         | 23.00   | 280,259      | 23.40                         | 21.76   |
| White fir.....                 | 296,468     | 34.31                         | 33.58   | 46,624        | 26.12                         | 19.11   | 1,512,033    | 25.92                         | 24.06   |
| Incense cedar.....             | 3,201       | 24.93                         | 27.77   | —             | —                             | —       | 42,037       | 26.24                         | 27.38   |
| Red cedar.....                 | —           | —                             | —       | 1,000         | 18.50                         | —       | 1,007        | 18.49                         | —       |
| Port Orford cedar.....         | —           | —                             | —       | 187,022       | 22.57                         | 22.60   | 218,504      | 23.05                         | 24.25   |
| Oak.....                       | —           | —                             | —       | 50            | 25.00                         | 37.00   | 50           | 25.00                         | 20.00   |
| Maple.....                     | —           | —                             | —       | 204           | 27.72                         | 20.85   | 1,053        | 32.20                         | 31.79   |
| Ash.....                       | —           | —                             | —       | —             | —                             | —       | 150          | 25.00                         | 27.59   |
| Cottonwood.....                | —           | —                             | —       | —             | —                             | —       | 8,524        | 20.60                         | 20.67   |
| Birch.....                     | —           | —                             | —       | —             | —                             | —       | 82           | 32.16                         | 29.36   |
| Alder.....                     | —           | —                             | —       | 866           | 29.62                         | 29.40   | 6,110        | 30.88                         | 28.05   |

<sup>1</sup> The part of Washington and Oregon lying west of the Cascades.  
<sup>2</sup> Also reported for this species: Box shank; 049 M feet board measure; average price per M feet board measure—1945, \$15.95; 1943, \$19.05. Pulp wood: 448 M feet board measure; average price per M feet board measure—1945, \$11; no data for 1943.  
<sup>3</sup> Included are 315 M feet board measure at \$18.50 per M feet for poles and posts, 1945; no data for 1943.

TABLE 22.—Log sales in the northern Rocky Mountain region, by district,<sup>1</sup> species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945

## DISTRICT 1—NORTHEASTERN WASHINGTON

| Type of sale and species              | Transactions  | Quantity          | Value          | Price range    | Average price per M ft. b. m. |                |
|---------------------------------------|---------------|-------------------|----------------|----------------|-------------------------------|----------------|
|                                       |               |                   |                |                | 1945                          | 1943           |
| Individual softwoods:                 | <i>Number</i> | <i>Mft. b. m.</i> | <i>Dollars</i> | <i>Dollars</i> | <i>Dollars</i>                | <i>Dollars</i> |
| Ponderosa pine.....                   | 11            | 4,040             | 70,340         | 15.95-20.00    | 17.41                         | 15.09          |
| White pine.....                       | 2             | 633               | 23,297         | 24.14-25.00    | 24.97                         | 20.33          |
| Larch.....                            | 18            | 3,594             | 56,919         | 13.45-17.50    | 15.84                         | 14.40          |
| Engelmann spruce.....                 | 2             | 33                | 542            | 16.00-16.50    | 16.42                         | -----          |
| Douglas fir.....                      | 20            | 5,499             | 80,554         | 13.45-18.00    | 16.29                         | 14.77          |
| White fir.....                        | 1             | 500               | 7,000          | -----          | 14.00                         | 15.00          |
| Red cedar.....                        | 1             | 20                | 320            | -----          | 16.00                         | -----          |
| Flat-rate softwoods.....              | 1             | 430               | 6,235          | -----          | 14.50                         | 14.79          |
| District total average or spread..... | 56            | 15,049            | 254,207        | 13.45-25.00    | 16.89                         | 15.02          |

## DISTRICT 2—SAINT MARIES—COEUR D'ALENE

|                                       |       |        |         |             |       |       |
|---------------------------------------|-------|--------|---------|-------------|-------|-------|
| Individual softwoods:                 |       |        |         |             |       |       |
| Ponderosa pine.....                   | 16    | 10,334 | 209,080 | 10.00-23.75 | 20.14 | 18.03 |
| White pine.....                       | 12    | 3,605  | 103,669 | 26.00-30.75 | 28.03 | 27.26 |
| Larch.....                            | 17    | 11,790 | 231,782 | 17.00-25.50 | 19.66 | 15.93 |
| Engelmann spruce.....                 | ----- | -----  | -----   | -----       | ----- | 16.13 |
| Hemlock.....                          | ----- | -----  | -----   | -----       | ----- | 15.78 |
| Douglas fir.....                      | 17    | 10,018 | 212,607 | 17.00-25.50 | 19.48 | 16.44 |
| White fir.....                        | 8     | 3,773  | 72,963  | 17.00-22.25 | 19.34 | 15.47 |
| Red cedar.....                        | 5     | 187    | 3,489   | 17.50-21.75 | 18.66 | 15.62 |
| Flat-rate softwoods.....              | 3     | 937    | 15,153  | 14.00-19.00 | 16.17 | 18.43 |
| District total average or spread..... | 78    | 41,634 | 847,694 | 14.00-30.75 | 20.36 | 18.62 |

## DISTRICT 3—SANDPOINT

|                                       |       |       |        |             |       |       |
|---------------------------------------|-------|-------|--------|-------------|-------|-------|
| Individual softwoods:                 |       |       |        |             |       |       |
| Ponderosa pine.....                   | 7     | 2,772 | 45,330 | 15.50-20.00 | 16.35 | 15.61 |
| White pine.....                       | 3     | 125   | 2,059  | 22.00-25.80 | 23.91 | 20.88 |
| Larch.....                            | 5     | 1,024 | 16,679 | 13.50-17.25 | 16.34 | 14.08 |
| Engelmann spruce.....                 | 1     | 25    | 450    | -----       | 18.00 | 15.51 |
| Hemlock.....                          | ----- | ----- | -----  | -----       | ----- | 20.00 |
| Douglas fir.....                      | 7     | 885   | 14,515 | 13.50-19.00 | 16.35 | 14.03 |
| White fir.....                        | 3     | 126   | 2,407  | 14.50-20.00 | 19.10 | 15.00 |
| Red cedar.....                        | 10    | 650   | 11,158 | 15.00-19.00 | 17.01 | 16.38 |
| Flat-rate softwoods.....              | 1     | 30    | 480    | -----       | 16.00 | 15.36 |
| Cottonwood.....                       | 1     | 3     | 48     | -----       | 16.00 | ----- |
| District total average or spread..... | 38    | 5,648 | 91,056 | 13.50-25.80 | 16.66 | 15.51 |

## DISTRICT 4—CLEARWATER

|                                       |    |       |        |             |       |       |
|---------------------------------------|----|-------|--------|-------------|-------|-------|
| Individual softwoods:                 |    |       |        |             |       |       |
| Ponderosa pine.....                   | 9  | 1,515 | 24,776 | 13.20-18.00 | 16.35 | 13.00 |
| White pine.....                       | 3  | 38    | 778    | 20.00-21.00 | 20.47 | 21.00 |
| Larch.....                            | 4  | 384   | 4,619  | 10.90-14.00 | 12.03 | 12.00 |
| Douglas fir.....                      | 7  | 724   | 8,631  | 10.00-14.00 | 11.92 | 12.00 |
| White fir.....                        | 1  | 100   | 1,200  | -----       | 12.00 | 11.27 |
| Flat-rate softwoods.....              | 7  | 3,713 | 50,915 | 12.00-18.00 | 16.14 | 12.50 |
| District total average or spread..... | 31 | 6,474 | 99,919 | 10.90-21.00 | 15.43 | 13.71 |

See footnote at end of table.

TABLE 22.—Log sales in the northern Rocky Mountain region, by district,<sup>1</sup> species, and type of sale, 1945, and average price per thousand feet board measure, 1943 and 1945—Continued

| DISTRICT 5—KALISPELL                  |              |          |           |             |                                |       |
|---------------------------------------|--------------|----------|-----------|-------------|--------------------------------|-------|
| Type of sale and species              | Transactions | Quantity | Value     | Price range | Average price per M. ft. b. m. |       |
|                                       |              |          |           |             | 1945                           | 1943  |
| Individual softwoods:                 |              |          |           |             |                                |       |
| Ponderosa pine.....                   | 9            | 4,613    | 74,051    | 10.00-20.00 | 16.05                          | 14.07 |
| White pine.....                       | 5            | 185      | 4,219     | 15.00-24.00 | 22.81                          | 19.76 |
| Larch.....                            | 9            | 4,303    | 62,309    | 10.00-16.50 | 14.60                          | 12.91 |
| Engelmann spruce.....                 | 6            | 788      | 11,955    | 14.50-18.00 | 15.17                          | 13.65 |
| Douglas fir.....                      | 7            | 4,101    | 60,927    | 10.00-16.50 | 14.54                          | 12.93 |
| Flat-rate softwoods.....              | 3            | 2,685    | 53,917    | 12.50-25.75 | 20.23                          | 15.00 |
| District total average or spread..... | 30           | 16,745   | 267,468   | 10.00-25.75 | 15.97                          | 13.91 |
| DISTRICT 6—MISSOULA-BUTTE             |              |          |           |             |                                |       |
| Individual softwoods:                 |              |          |           |             |                                |       |
| Ponderosa pine.....                   | 4            | 720      | 12,644    | 10.00-18.00 | 17.56                          | 13.68 |
| White pine.....                       | 1            | 53       | 1,047     | -----       | 19.75                          | 17.00 |
| Lodgepole pine.....                   | 1            | 53       | 1,047     | -----       | 19.75                          | 14.00 |
| Larch.....                            | 1            | 115      | 1,840     | -----       | 16.00                          | 14.00 |
| Douglas fir.....                      | 4            | 4,379    | 85,591    | 17.00-22.00 | 19.55                          | 14.35 |
| Flat-rate softwoods.....              | 10           | 5,267    | 101,122   | 10.00-22.00 | 19.20                          | 14.33 |
| District total average or spread..... | 10           | 5,267    | 101,122   | 10.00-22.00 | 19.20                          | 14.33 |
| DISTRICT 7—EASTERN MONTANA            |              |          |           |             |                                |       |
| Individual softwoods:                 |              |          |           |             |                                |       |
| Ponderosa pine.....                   | 1            | 12       | 216       | -----       | 18.00                          | 18.00 |
| Lodgepole pine.....                   | -----        | -----    | -----     | -----       | -----                          | 16.00 |
| Douglas fir.....                      | -----        | -----    | -----     | -----       | -----                          | 12.57 |
| Flat-rate softwoods.....              | -----        | -----    | -----     | -----       | -----                          | 10.00 |
| District total average or spread..... | 1            | 12       | 216       | -----       | 18.00                          | 13.09 |
| ALL DISTRICTS                         |              |          |           |             |                                |       |
| Individual softwoods:                 |              |          |           |             |                                |       |
| Ponderosa pine.....                   | 57           | 24,006   | 435,437   | 10.00-23.75 | 18.14                          | 16.51 |
| White pine.....                       | 25           | 4,976    | 134,843   | 15.00-30.75 | 27.10                          | 25.94 |
| Lodgepole pine.....                   | 1            | 53       | 1,047     | -----       | 19.75                          | 10.00 |
| Larch.....                            | 53           | 21,092   | 372,398   | 10.00-25.50 | 17.66                          | 14.86 |
| Engelmann spruce.....                 | 9            | 846      | 12,047    | 14.50-18.00 | 15.30                          | 13.75 |
| Hemlock.....                          | -----        | -----    | -----     | -----       | -----                          | 17.15 |
| Douglas fir.....                      | 50           | 22,335   | 388,134   | 10.00-25.50 | 17.39                          | 15.31 |
| White fir.....                        | 13           | 4,489    | 83,570    | 12.00-22.25 | 18.58                          | 15.27 |
| Red cedar.....                        | 16           | 863      | 14,967    | 15.00-21.75 | 17.34                          | 16.01 |
| Flat-rate softwoods.....              | 19           | 12,154   | 221,291   | 12.00-25.75 | 18.21                          | 16.17 |
| Cottonwood.....                       | 1            | 3        | 48        | -----       | 16.00                          | ----- |
| Regional total average or spread..... | 253          | 90,827   | 1,604,692 | 10.00-30.75 | 18.33                          | 16.73 |

<sup>1</sup> The northeastern Washington district includes Stevens, Spokane, and Pend Oreille Counties, Wash., excluding the city of Spokane and its environs. The St. Marie-Coeur d'Alene district includes Kootenai, Benewah, and Shoshone Counties, Idaho, and the city of Spokane, Wash. The Sandpoint district includes Boundary and Bonner Counties, Idaho. The Clearwater district includes the remainder of Idaho which lies north of the Salmon River. The Kalispell district includes Flathead, Lake, and Lincoln Counties, Mont. The Missoula-Butte district includes all of Sanders, Missoula, Powell, Granite, Ravalli, Deer Lodge, Lewis and Clark, and Silver Bow Counties, Mont. The eastern Montana district includes the remainder of Montana.

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