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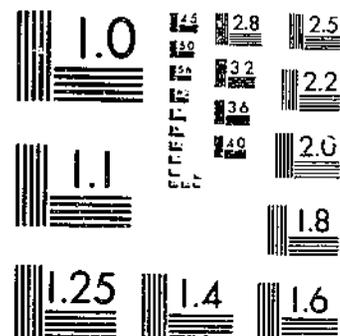
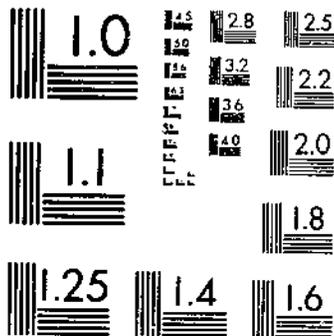
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STUMPAGE AND LOG PRICES FOR THE CALENDAR YEARS 1931 AND 1932

STEER, H. B., COMP.

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UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL BULLETIN No. 44

Washington, D.C.

★

December 1933

STUMPAGE AND LOG PRICES
FOR THE CALENDAR YEARS
1931 and 1932

Compiled by

HENRY B. STEER

Senior Forest Economist, Division of Forest Economics
Branch of Research, Forest Service



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INTRODUCTION

No one gets very excited over price statistics in prosperous times. When, however, prices and consumption shrink simultaneously, as they have in recent years with regard to stumpage, logs, and most other forest products, the lumber industry and owners and producers of timber are vitally interested. Statistics of price level and demand for stumpage and logs as well as other forest products, when compiled and analyzed for a number of years, form a useful and important background in planning for the rehabilitation of the lumber industry. Although many of the benefits of forests to the greatest number of people cannot be measured accurately in dollars and cents, yet, in the last analysis, forestry as a private business enterprise must show sufficient monetary returns to justify the expenditures. In determining what are adequate monetary returns, it is essential that accurate data of the cost of the products of the forest be available.

The owners of standing timber and the producers of logs should receive fair prices for their products, and the cost of these materials

to the lumber industry, in the form of standing timber or logs, is an important item in the cost of lumber or other finished products.

Through the cooperation of the Bureau of the Census of the Department of Commerce, the Division of Forest Economics of the Forest Service has for several years been collecting and compiling such data. Although the period of years thus far covered is too brief to permit of adequate comparisons and conclusions for long periods of time, the annual record is in itself of interest and value to alert timber owners, particularly at this time.

The record for the calendar years 1931 and 1932, following the records for 1928, 1929, and 1930, which were published as Statistical Bulletins Nos. 32, 36, and 37 of the United States Department of Agriculture, has been compiled from a large number of representative reports of private stumpage and log transactions. There has been a considerable shrinkage in the number of reports received and in the volume of sales of both stumpage and logs in both years as compared to 1929, as was to be expected in view of general economic conditions. In 1929, a total of 15,703,564 M feet of standing timber was reported sold. In 1930, 1931, and 1932, the volume of standing timber reported sold was 46.20, 20.89, and 11.76 percent, respectively, of the 1929 volume. Similarly, in 1929, a total of 8,590,595 M feet of logs was reported sold. In 1930, 1931, and 1932 the volume sold was 89.23, 41.34, and 25.74 percent, respectively, of the 1929 volume. Although the records for 1931 and 1932 are unavoidably fragmentary for some States and species, the fact that the 1931 record is based on 2,587 sales of stumpage, involving 3,280,528,000 feet of timber, and 4,028 sales of logs, involving 2,551,917,000 feet of timber in 42 States,¹ gives the resultant tabulations a considerable stability. Similarly, the 1932 record is based on 1,806 sales of stumpage involving 1,846,101,000 feet of timber in 45 States and 2,491 sales of logs involving 2,210,941,000 feet of timber in 41 States.²

As recorded here, stumpage and log prices represent the monetary consideration for which the ownership of standing timber in the woods, or logs f.o.b. the manufacturing plant, changed hands. All prices per thousand feet are weighted by quantity in species, State, or regional averages.

The values as given should be regarded as indicative only, in view of the many different factors involved in the determination of stumpage and log prices. Such values cannot be applied to any specific tract. The range between the minimum and maximum prices for each species shows in itself that many factors enter into stumpage and log prices. The selling price of standing timber follows 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, among other things, on the species, quality, size, and density of the timber; the quantity sold and whether for immediate or future cutting; the quantity of other timber available and the competitive demand for the timber; the kind of product to be manufactured from it; the location with respect to manufacturing plants,

¹ No reports of sales of logs were received from Rhode Island, Connecticut, and Wyoming; no reports of stumpage were received from Kansas, South Dakota, and Utah, and no reports of sales of either stumpage or logs were received from Nebraska, Nevada, and North Dakota.

² No reports of sales of logs were received from Arizona, Connecticut, Nebraska, Rhode Island, and Wyoming, no reports of stumpage were received from Kansas; and no reports of sales of either stumpage or logs were received from Nevada and North Dakota.

transportation facilities, and markets; the cost of exploitation as determined by local conditions with respect to topography and surface, labor, cost of equipment and supplies, etc.; the form of sale (lump sum, flat rate per thousand feet, specific rate for different kinds of timber, etc.); the terms of sale, including provisions as to time and rate of payment, method of cutting, requirements as to fire protection, brush disposal, utilization, etc., and provisions regarding taxes; and finally 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 upon 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 both timber and logs.

Sales of both stumpage and logs have been classified into two main groups as follows: (1) Individual sales, which include sales of only one species or of several species where each was sold at an individual price instead of being grouped with other species for a lump sum or at a uniform rate per thousand feet; (2) flat-rate sales, in which 2 or more species were grouped together and sold for a lump sum or at a uniform rate or where 1 species was sold under a group name, such as pine, and could not be accurately identified. 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 State and regional averages for softwoods, hardwoods, and all species, for these total averages indicate the average selling price of all species of standing timber and logs in the several States and regions.

Flat-rate sales amounted to 29 percent by volume of the stumpage transactions in both 1931 and 1932, and 9 and 5 percent by volume of the log transactions in 1931 and 1932, respectively (tables 1 and 20). Much higher stumpage prices were obtained for both softwoods and hardwoods when sold individually. The same is generally true in the case of log sales, although flat-rate sales of logs are not nearly as common as are flat-rate stumpage sales. The difference between the 29 percent of flat-rate stumpage sales in both 1931 and 1932 and the 9 and 5 percent of flat-rate log sales in 1931 and 1932, respectively, is accounted for by the fact that logs are the first step in the conversion of standing timber into definite forest products. Although there are no definite and well-established log markets of any great consequence except in the Douglas fir region of Washington and Oregon, the conditions under which logs are sold are fairly uniform, the price level of logs varying with the kind and quality of logs sold, along with several other factors such as the competitive field existing and the distance to manufacturing plants. On the other hand, there is no fairly well established stumpage market and sales for a lump sum are much more common in stumpage than in log transactions.

While it is probably true that more of the higher-grade stumpage and logs were sold individually (by species) and that the poorer were more likely to be grouped together and sold collectively, yet there is a fundamental principle of merchandising involved in the sale of standing timber and logs which also applies to the sale of any other raw material or commodity. When all other factors have been given

due consideration, the vendor of standing timber or logs will be more apt to receive the true value of his merchandise if he takes a careful inventory of the different kinds of material which he has for sale and markets them as individual parts of a transaction rather than in one lot. Flat-rate sales of stumpage or logs by the Government or by large timber-holding corporations are practically, if not entirely, unknown, and it is becoming more and more common even for farmers to cut their own timber and dispose of the logs to a manufacturing concern at individual prices for the different kinds.

Although the data presented herewith cannot be considered as giving the total stumpage or log sales in either 1931 or 1932, they undoubtedly do give a representative cross section of both stumpage and log sales during those years.

In considering these data for 1931 and 1932, the fact that these years witnessed most unusual conditions in the lumber industry must be constantly kept in mind. A considerable shrinkage in volume was to be expected in view of general economic conditions, but it is interesting to note that the regional percentages of the total volume reported in 1931 and 1932 do not vary greatly from the regional percentages of 1929 and 1930. For example, the greatest volume of stumpage and logs reported sold in the years 1929 to 1932, inclusive, was on the Pacific coast. California, Oregon, and Washington include a total of 76.84 percent of all stumpage reported sold in 1929; 72.46 percent in 1930; 67.75 percent in 1931; and 64.49 percent in 1932. Similarly these three States are credited with a total of 84.40 percent of all logs reported sold in 1929, and 84.04, 78.83, and 81.29 percent in 1930, 1931, and 1932, inclusive. These relationships hold in spite of the fact that for the country as a whole the total volume of stumpage reported sold in 1932 was only 11.76 percent of the 1929 volume and the total log volume reported sold in 1932 was only 25.74 percent of the 1929 volume. Among other States and regions the shift in proportionate amounts of stumpage and log sales has been generally small.

According to tables 1 and 20, 84 percent of the standing timber reported sold in 1931 was softwoods (81 percent in 1932); 12 percent was hardwoods in 1931 (14 percent in 1932); and the remainder, mixed hardwoods and softwoods, was sold in flat-rate sales. The western species comprised in both years a much larger percentage of the total volume than did the eastern and southern species, Douglas fir, for example, amounting to about 31 and 24 percent of the individual softwoods reported sold in 1931 and 1932, respectively. Similarly, 87 and 91 percent of the log sales reported in 1931 and 1932, respectively, involved softwoods, and about 11 and 8 percent hardwoods. The remaining 1 or 2 percent were flat-rate sales of hardwoods and softwoods combined.

Tables 3 to 11 and 22 to 30, inclusive, give by States the average stumpage and log sale prices of individual species of all softwoods and hardwoods; flat-rate sales of softwoods, hardwoods, and mixed woods; and State averages. The 1931 and 1932 reports seem to indicate, as in previous years, that other things being equal, the price of standing timber and logs increases in direct ratio to the nearness to the centers of largest consumption of wood products. While ponderosa pine stumpage, largely from virgin stands, was bringing an average of \$2.68 per thousand feet in 1931 and \$2.36 in 1932 in

the far West, northern white pine stumpage, largely from second-growth stands, was bringing \$6.55 per thousand feet in 1931 and \$6.39 in 1932 in the Lake States and the Northeast. Similarly, Douglas fir (largely virgin) in the West averaged \$2.51 per thousand feet in 1931 and \$2.20 in 1932, while shortleaf pine (largely second growth) averaged \$2.95 and \$2.92 in 1931 and 1932, respectively. Generally speaking, both stumpage and log prices have been maintained at higher levels east of the Great Plains than they have in the far West.

As evidenced by the reports received, both stumpage and log transactions were conducted, generally speaking, on a hand-to-mouth basis. The number of reports, as well as the total volume involved, greatly decreased from the 1929 figures. The average stumpage transaction in 1929 was of about 3,700,000 feet; in 1930 about 1,500,000 feet; in 1931 about 1,300,000 feet; and in 1932 about 1,000,000 feet. A similar shrinkage in the volume of the average log transaction reported has occurred as follows: 1929, 1,700,000 feet; 1930, 1,350,000 feet; and in both 1931 and 1932, 880,000 feet. Uncertainty as to the future market conditions, as well as the unsatisfactory current condition of the market for wood products with regard to both price and demand, were unquestionably the most important reasons why relatively very little timber for future exploitation was bought during the past 2 years. The same unsatisfactory market conditions have resulted in many mills entirely suspending operations and sporadic periods of operation—requiring only small quantities of logs—on the part of those mills that did operate at all.

In tables 3 to 11 and 22 to 30, sales of individual species in the several States have been shown separately in each type of sale and averaged for each type; the price range (from minimum to maximum) has also been given. Because in the future, in computing costs and returns, the prices of second-growth timber will probably be used, the average selling price per thousand feet for second-growth timber has also been given. Similarly, because the greatest part of all the logs produced is manufactured primarily into lumber, the average selling price of lumber logs has been given for individual species and for each type of sale, as well as the average price and the price range for all log sales.

Regional recapitulation of the stumpage and log price data by species, type of sale, and regions (tables 12 and 31) gives in some instances a clearer picture of conditions than it is possible to obtain through consideration and analysis of the data for any one State, since the returns for some States are unavoidably fragmentary and therefore less consistently representative than regional averages based on a greater number of transactions.

A great many conditions enter into the prices realized for standing timber and logs, as already stated. An analysis of the 1931 and 1932 data shows that the extremely low and high prices, as indicated by the price range, were effective in a relatively small proportion of the reported transactions and contributed a small part of the total volumes involved. In many cases the largest number of transactions, involving the greatest amount of timber, fell within the same price-range class of the general average. Frequency of price-range classes has been tabulated by species and types of sale in tables 13 and 32. More than 50 percent by volume of the stumpage in both 1931 and 1932 was sold at prices between \$2 and \$5 per thousand feet.

Complete returns of the sales of logs in the United States in any one year is a practical impossibility, owing to the varied conditions under which logs are sold. The west coast of Washington and Oregon has well defined and established log markets. In other parts of the country are a few small and very much localized markets, which, however, handle only an insignificant part of the logs sold. Elsewhere log markets are unorganized and scattered. In spite of the incompleteness of the returns, however, it is reasonable to assume that the reported log transactions form an adequate basis for general conclusions.

Reports indicate (tables 15 and 34) that about 81 percent of the logs purchased or sold in 1931 (74 percent in 1932) were intended primarily for the production of lumber. This should be of some significance in determining objectives in the management of forest lands.

In interpreting the stumpage-price data presented herewith, especially with regard to making comparisons of prices as between years, it should be kept in mind that although there are probably some instances where the same timber has changed hands two or more times before being cut, the average yearly stumpage prices cannot be based on the same stands of timber. Generally speaking, price trends on the majority of commodities are based on equivalent materials from year to year. No two tracts of timber are identical, although many may be similar as regards the quantity, species, topography, and accessibility. All of the more important factors influencing stumpage prices must vary considerably over a period of years, since standards of merchantability constantly change, and since the natural tendency is to acquire and to cut the best and most accessible timber first. A comparison between the general average prices obtaining during the last 4 years should be based on as nearly identical transactions as possible. If, for example, the 1932 average stumpage and log prices are computed on a basis of the 1932 rates for the different species and on a basis of the percentages which the different species formed of the total sales reported in 1931, the average prices for the 2 years will be based on total amounts composed of the same percentages of the different species, and the main cause of dissimilarity between the 2 years will be removed. This method would not be as accurate in the case of widely separated years, but it is not illogical to assume that the other most important factors which determine stumpage and log prices will not greatly vary in consecutive years if the averages are based on the same proportionate amounts of the different species.

Computing average stumpage prices on the basis just described, with the 1929 average as 100 percent (\$3.64), the 1930 average was 13.5 percent lower than that of 1929, the 1931 average was 20.8 percent lower than that of 1930, and the 1932 average was 3.8 percent below that of 1931. Similarly, the 1930 average log price declined 10.3 percent from the 1929 average, the 1931 average was 17.9 percent lower than that of 1930, and the 1932 average was 17 percent lower than that of 1931.

In this connection brief but representative comparisons between lumber prices are pertinent. If prices for the year 1926, as a base, are given a weight of 100 percent, the relative wholesale price of all building materials, as compiled by the Bureau of Labor Statistics of the Department of Labor, was 97.1 in 1929, 90.3 in 1930, 77.6 in 1931,

and 71.4 in 1932. The average wholesale price of 12 representative lumber items in 1929, as compiled by the same Bureau, was \$40.80. In 1930 the same items decreased 7.8 percent from the 1929 average. Similarly, the 1931 decrease was 17.3 percent from the average of 1930, and the 1932 decrease was 13.8 percent from the 1931 average.³

Prices paid by contractors for building materials delivered on the job for six representative lumber items⁴ in 11 representative cities,⁵ as compiled by the Division of Building and Housing, Bureau of Standards, Department of Commerce, from information obtained through the Bureau of the Census, show reductions varying in extent in the several cities and yielding a general average reduction for 1931 of 8.1 percent from the 1930 level, and a reduction for 1932 of 8.9 percent from the 1931 level.

The selling price of lumber of all widths, as compiled by the regional office of the United States Forest Service, Missoula, Mont., from data furnished by the lumbermen's information bureau of the Western Pine Manufacturers Association, shows the following decreases in 1931 over 1930: Idaho white pine, \$6; ponderosa pine, \$3.39; Douglas fir and larch, \$3.74; Engelmann spruce, \$5.42; white fir, \$5.34; and cedar, \$5.53, and the following reductions in 1932 over 1931: Idaho white pine, \$4.69; ponderosa pine, \$2.60; Douglas fir and larch, \$2.43; Engelmann spruce, \$2.90; white fir, \$3.15; and cedar, \$3.18.

TABLE 1. - Total stumpage and log sales reported, by species and type of sale, 1931

STUMPAGE SALES

Species and type of sale	Transactions		Value	Average price per	Distri- bution by volume
	Number	Quantity		M ft. b.m.	
	Number	M ft. b.m.	Dollars	Dollars	Percent
Individual softwoods:					
Ponderosa pine	179	210,717	567,110	2.68	9.40
Western white pine	18	10,217	48,096	4.71	.46
Lodgepole pine	2	1,540	3,030	1.98	.07
Sugar pine	7	41,338	116,917	2.82	1.93
Norway pine	4	110	790	7.18	(¹)
Jack pine	9	507	1,966	3.88	.02
Northern white pine	162	51,617	338,097	6.55	2.30
Pitch pine	1	100	500	5.00	(¹)
Longleaf pine	46	48,682	296,924	6.07	2.18
Shortleaf pine	361	161,143	475,972	2.95	7.10
Southern yellow pine	91	110,160	430,977	3.91	4.91
Western larch	32	13,652	13,090	.89	.65
Tamarack	2	90	283	2.91	
Engelmann spruce	7	5,532	6,040	1.09	.25
Sitka spruce	15	18,827	71,161	3.82	.81
Eastern spruce	45	11,320	85,988	7.59	.51
Eastern hemlock	45	9,614	29,285	3.05	.43
Western hemlock	23	88,698	80,996	.91	1.95
Douglas fir	207	703,121	1,765,840	2.51	31.36
White fir	17	9,668	7,333	.76	.43
Balsam fir	24	1,019	4,895	4.80	.05
Cypress	30	11,762	56,367	4.79	.53
Redwood	8	616,227	2,215,017	3.48	28.82
Incense cedar	6	551	773	1.40	.02
Western red cedar	21	75,336	215,413	2.86	3.36
Northern white cedar	12	456	3,021	6.63	.02
Port Orford cedar	6	6,130	47,310	7.72	.27
Total or average	1,386	2,212,350	6,912,996	3.08	100.00

¹ Less than 0.1 percent.

² Species not reported.

³ Items included: Cypress, shop, at St. Louis; Douglas fir, common sheathing and drop siding at mills; plain red gum, at St. Louis; northern hemlock No. 1 at Chicago; hard maple No. 1 at Chicago; white oak, plain No. 1 Common, at Cincinnati; white pine No. 2 at Buffalo; yellow pine flooring at mills; yellow pine timbers at mills; yellow poplar No. 1 at Cincinnati; and eastern spruce at Boston.

⁴ Yellow pine No. 1, 2 by 4 inches by 16 feet SISE; Douglas fir No. 1, 2 by 4 inches by 16 feet SISE; North Carolina pine No. 1, 2 by 4 inches by 16 feet SISE; common boards 1 by 6 inches; yellow pine flooring, edge grain, "C", 1 by 4 inches by 10 to 16 feet; Douglas fir flooring, V G, No. 2, 1 by 4 inches by 10 to 16 feet.

⁵ Paterson, Akron, Philadelphia, Baltimore, Milwaukee, St. Louis, Los Angeles, Birmingham, Shreveport, Syracuse, and New London.

TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1931—Continued

STUMPAGE SALES—Continued

Species and type of sale	Transactions	Quantity	Value	Average price per M ft. b.m.	Distribution by volume
Individual hardwoods:	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
Oak ¹	167	35,400	177,210	5.06	31.73
Red oak.....	99	7,860	38,095	4.82	7.04
White oak.....	105	11,429	69,640	0.90	10.23
Soft maple.....	4	216	1,075	4.98	.19
Hard maple.....	27	3,574	29,568	8.27	3.20
Maple ²	69	8,000	30,840	4.07	7.17
Elm ²	34	2,049	34,875	17.02	1.83
Ash.....	34	1,198	21,031	17.56	1.07
Black walnut.....	15	1,138	52,191	45.86	1.02
Red gum.....	38	14,865	46,205	3.11	13.30
Tupelo gum.....	4	4,171	25,388	6.08	3.73
Black gum.....	3	1,250	2,797	2.24	1.12
Sycamore.....	4	73	288	3.95	.07
Aspen.....	5	1,202	3,305	2.75	1.08
Cottonwood.....	6	940	3,049	3.24	.84
Yellow poplar.....	45	4,738	26,052	5.69	4.24
Birch ²	33	3,171	18,206	5.74	2.84
Alder.....	2	151	227	1.50	.14
Hickory ²	32	1,389	9,584	6.89	1.24
Cherry.....	21	99	495	5.00	.09
Basswood.....	30	1,806	11,557	6.40	1.62
Chestnut.....	30	1,929	6,840	3.55	1.72
Beech.....	40	5,021	20,687	4.12	4.49
Magnolia.....	1	7	17	2.43	.....
Total or average.....	820	111,751	639,751	5.72	100.00
Individual softwoods.....	1,356	2,242,350	6,912,096	3.08	68.35
Individual hardwoods.....	820	111,751	639,751	5.72	3.41
Flat-rate softwoods.....	55	507,512	884,501	1.74	15.47
Flat-rate hardwoods.....	117	291,023	1,226,781	4.22	8.57
Flat-rate mixed.....	170	127,802	508,857	4.08	3.90
Total or average.....	2,587	3,280,528	10,262,886	3.13	100.00

LOG SALES

Individual softwoods:					
Ponderosa pine.....	136	208,421	2,603,092	12.01	7.21
Western white pine.....	26	12,059	207,680	17.22	.42
Lodgepole pine.....	1	10	100	10.00	(¹)
Sugar pine.....	2	1,161	12,871	11.09	.04
Norway pine.....	12	670	11,709	17.48	.02
Jack pine.....	3	364	6,416	17.63	.01
Northern white pine.....	245	39,415	738,762	18.74	1.36
Longleaf pine.....	19	4,546	62,185	13.67	.16
Shortleaf pine.....	162	91,231	930,161	10.29	3.16
Southern yellow pine ²	54	53,983	586,866	10.87	1.87
Western larch.....	18	9,184	101,310	11.02	.32
Tamarack.....	14	629	11,253	21.27	.02
Engelmann spruce.....	6	1,674	18,198	11.35	.06
Sitka spruce.....	73	101,894	1,462,489	14.35	3.53
Eastern spruce.....	64	5,277	91,661	17.41	.18
Eastern hemlock.....	112	38,639	591,575	15.31	1.34
Western hemlock.....	116	481,074	4,550,604	9.47	16.66
Douglas fir.....	403	1,609,076	18,293,057	11.31	55.71
White fir.....	31	9,318	97,883	10.50	.32
Balsam fir.....	21	1,653	34,950	20.54	.06
Cypress.....	93	23,283	417,186	17.84	.81
Redwood.....	1	300	3,450	11.50	.01
Incense cedar.....	7	1,162	10,788	9.28	.04
Western red cedar.....	106	178,703	1,845,147	10.33	6.19
Northern white cedar.....	20	660	9,058	13.72	.02
Port Orford cedar.....	13	13,031	494,693	37.96	.45
Eastern red cedar.....	8	1,014	22,765	22.45	.03
Total or average.....	1,768	2,888,451	33,041,791	11.41	100.00

¹ Less than 0.1 percent.² Species not reported.

TABLE 1.—Total stumpage and log sales reported, by species and type of sale, 1931—Continued

LOG SALES—Continued

Species and type of sale	Transactions	Quantity	Value	Average price per M ft. b.m.	Distribution by volume
	Number	M ft. b.m.	Dollars	Dollars	Percent
Individual hardwoods:					
Oak 1	123	34,284	555,505	16.21	10.36
Willow	15	2,460	57,518	11.15	.75
Red oak	120	13,448	211,802	15.71	4.96
White oak	112	10,039	326,116	20.33	4.85
Soft maple	35	817	14,708	18.00	.25
Hard maple	51	13,827	310,104	22.43	4.18
Maple 1	222	43,581	933,795	22.80	13.17
Elm 2	164	15,806	252,581	16.01	4.78
Rock elm	8	469	12,732	27.15	.14
Ash	170	10,972	342,792	31.21	3.32
Black walnut	101	0,291	834,450	80.52	2.81
Butternut	6	20	721	21.97	(1)
Red gum	109	73,075	1,102,085	15.08	22.08
Tupelo gum	26	7,335	103,051	14.04	2.22
Black gum	12	3,003	38,155	12.71	.91
Sycamore	39	3,533	61,533	17.43	1.07
Locust	3	111	1,014	17.21	.03
Aspen	14	2,879	34,179	11.87	.87
Cottonwood	60	18,464	151,977	11.20	4.07
Yellow poplar	109	15,670	390,240	24.27	4.73
Birch 2	132	15,487	384,800	24.85	4.68
Alder	29	6,070	77,687	12.80	1.83
Pecan	2	1,490	21,215	14.22	.45
Hickory 2	40	3,457	92,684	26.81	1.01
Cherry	29	323	8,637	26.74	.10
Basswood	140	7,102	176,572	24.85	2.17
Chestnut	23	673	8,543	12.69	.20
Beech	90	14,520	258,893	17.83	4.39
Hackberry	4	7	125	17.56	(1)
Magnolia	11	1,628	25,043	15.36	.49
Persimmon	2	4	95	23.75	(1)
Buckeye	1	2	18	9.00	(1)
Total or average	2,065	330,968	6,811,284	20.53	100.00
Individual softwoods	1,766	2,888,451	33,041,791	11.44	81.32
Individual hardwoods	2,065	330,968	6,811,284	20.58	0.32
Flat-rate softwoods	46	231,776	2,575,872	11.61	6.24
Flat-rate hardwoods	55	47,012	810,723	16.92	1.35
Flat-rate mixed	66	62,810	941,083	14.98	1.77
Total or average	4,028	3,551,917	41,180,753	12.44	100.00

TABLE 2.—Total stumpage and log sales reported, by States: Volume, 1931; distribution, 1930 and 1931

State	Stumpage			Logs		
	Volume, 1931	Distribution		Volume, 1931	Distribution	
		1931	1930		1931	1930
	M ft. b.m.	Percent	Percent	M ft. b.m.	Percent	Percent
Alabama	90,694	2.76	2.15	26,932	0.76	0.75
Arizona	1,175	.04	.02	22	(1)	-----
Arkansas	35,709	1.09	1.30	43,095	1.21	.82
California	931,322	28.39	19.96	29,680	.84	1.20
Colorado	5,161	.16	.11	18	(1)	-----
Connecticut	2,747	.08	.08	-----	-----	-----
Delaware	840	.03	.02	3,365	.09	.01
Florida	61,593	1.88	.81	26,115	.74	.42
Georgia	39,254	1.20	1.85	25,795	.73	.50
Idaho	33,844	1.03	1.28	16,260	.46	.50
Illinois	328	.01	.02	4,143	.12	.05

1 Less than 0.1 per cent.

2 Species not reported.

TABLE 2.—Total stumpage and log sales reported, by States: Volume, 1931; distribution, 1930 and 1931—Continued

State	Stumpage				Logs		
	Volume, 1931	Distribution		Volume, 1931	Distribution		
		1931	1930		1931	1930	
		M ft. b.m. 6,022 75	Percent (¹) 0.18		Percent 0.28	M ft. b.m. 6,806 343	Percent (¹) 0.19	Percent 0.21
Indiana	61,138	1.86	.01	1,333	.04	.04	
Iowa	38,150	1.10	.24	6,004	.17	.23	
Kansas	20,717	.91	2.84	35,323	.99	1.19	
Kentucky	10,410	.32	1.30	20,659	.58	.74	
Louisiana	10,213	.31	.13	238	(¹)	.01	
Maine	34,336	1.05	.17	8,520	.24	.16	
Maryland	6,722	.20	.75	52,666	1.40	2.13	
Massachusetts	11,406	.35	1.21	13,143	.51	.10	
Michigan	4,700	.14	1.25	75,502	2.14	1.27	
Minnesota	73,071	2.23	1.06	11,592	.33	.23	
Mississippi	27,247	.83	1.00	30,465	.88	.76	
Missouri	690	.02	.01	10,551	.30	.20	
Montana	5,128	.16	.19	133	(¹)	.01	
New Hampshire	16,175	.49	.53	14,550	.41	.18	
New Jersey	62,137	1.89	.91	19,945	.56	.15	
New Mexico	17,134	.52	.45	61,081	1.72	.02	
New York	10,779	.33	.57	6,829	.19	.15	
North Carolina	567,995	17.31	22.96	7,301	.21	.11	
Ohio	41,293	1.26	.71	810,128	22.81	23.44	
Oklahoma	290	.04	.06	13,340	.38	.24	
Oregon	2,758	.85	1.24	39,592	1.11	.80	
Pennsylvania	10,174	.31	.83	132	(¹)	---	
Rhode Island	23,202	.71	1.79	40,717	1.32	1.20	
South Carolina	10,662	.33	.30	15,650	.44	.48	
South Dakota	40,944	1.52	1.39	320	(¹)	---	
Tennessee	723,386	22.05	29.54	10,835	.31	.37	
Texas	184,027	5.01	1.18	31,752	.89	.28	
Utah	12,697	.39	.42	1,959,518	55.18	59.40	
Vermont	120	(¹)	---	1,795	.05	.09	
Virginia	---	---	---	57,775	1.63	.80	
Washington	---	---	---	---	---	---	
West Virginia	---	---	---	---	---	---	
Wisconsin	---	---	---	---	---	---	
Wyoming	---	---	---	---	---	---	
Average	3,280,528	100.00	100.00	3,551,917	100.00	100.00	

¹ Less than 0.1 percent.

TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931

PONDEROSA PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Arizona	\$2.19	\$2.00	\$2.00-\$2.50	\$10.00	\$10.00	---
California	3.30	2.17	1.67-5.00	13.53	13.53	\$11.00-\$14.00
Colorado	2.83	2.44	2.00-3.00	8.00	8.00	---
Idaho	2.43	---	1.00-6.00	8.46	8.46	7.00-9.00
Montana	2.04	---	1.00-3.00	14.05	12.26	11.00-31.00
New Mexico	2.19	---	1.00-3.00	16.00	16.00	---
Oregon	3.02	---	.25-6.00	12.65	12.64	0.00-15.50
South Dakota	---	---	---	17.00	17.00	---
Utah	---	---	---	7.00	7.00	---
Washington	2.00	2.13	1.00-3.50	10.15	9.93	4.00-13.00
Average or spread	2.68	2.18	.25-6.00	12.01	11.96	4.00-31.00

TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931—Continued

WESTERN WHITE PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Idaho.....	\$5.98	\$5.53	\$4.00-87.00	\$18.49	\$18.56	\$9.00-\$21.00
Montana.....	4.68	-----	2.50- 5.00	14.97	14.97	10.50- 15.47
Washington.....	2.15	5.00	1.00- 5.00	16.52	17.17	7.39- 18.95
Average or spread.....	4.71	5.50	1.00- 7.00	17.32	17.41	7.59- 21.00

LODGEPOLE PINE

Colorado.....	\$2.00	-----	-----	\$10.00	\$10.00	-----
Idaho.....	1.25	-----	-----	-----	-----	-----
Average or spread.....	1.98	-----	\$1.25-\$2.00	10.00	10.00	-----

SUGAR PINE

California.....	\$2.62	-----	\$1.70-\$5.00	-----	-----	-----
Oregon.....	2.00	-----	-----	\$11.00	\$11.00	\$11.00-\$13.00
Average or spread.....	2.62	-----	1.70- 5.00	11.00	11.00	11.00- 13.00

NORWAY PINE

Michigan.....	-----	-----	-----	\$15.67	\$15.67	\$13.00-\$21.00
Minnesota.....	\$7.18	\$6.50	\$6.00-\$8.00	17.05	17.05	11.50- 24.00
Wisconsin.....	-----	-----	-----	16.75	18.10	17.00- 55.83
Average or spread.....	7.18	6.50	6.00- 8.00	17.48	17.30	13.00- 55.83

JACK PINE

Minnesota.....	\$3.88	\$4.42	\$3.00- \$5.00	\$17.63	\$14.45	\$7.00-\$26.00
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NORTHERN WHITE PINE

Connecticut.....	\$4.72	\$4.72	\$4.00-\$6.00	-----	-----	-----
Kentucky.....	-----	-----	-----	\$26.00	\$26.00	-----
Maine.....	7.74	7.55	3.50-14.00	19.58	10.64	\$10.00-\$26.00
Massachusetts.....	7.17	7.31	2.50-12.00	16.18	13.89	7.50- 22.00
Michigan.....	9.94	8.00	6.00-10.00	21.71	21.71	15.00- 26.25
Minnesota.....	6.00	7.00	1.00- 7.00	21.86	21.86	11.75- 30.00
New Hampshire.....	5.19	5.11	2.00- 9.75	13.34	12.66	8.00- 20.00
New York.....	7.50	7.80	4.50-15.00	19.39	19.39	10.00- 35.00
Pennsylvania.....	8.01	8.63	8.00-13.25	28.00	28.00	-----
Rhode Island.....	5.01	5.01	4.00- 8.00	-----	-----	-----
Tennessee.....	-----	-----	-----	12.35	12.35	12.00- 12.50
Vermont.....	10.10	10.10	6.00-12.00	15.57	15.80	12.00- 25.00
Virginia.....	3.84	3.00	3.00- 4.00	-----	-----	-----
West Virginia.....	3.00	-----	-----	-----	-----	-----
Wisconsin.....	10.00	-----	-----	20.00	20.40	12.00- 30.00
Average or spread.....	6.55	6.58	1.00-15.00	19.74	19.84	6.00- 35.00

PITCH PINE

Massachusetts.....	\$5.00	\$5.00	-----	-----	-----	-----
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TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
LONGLEAF PINE						
Alabama.....	\$6.34	\$7.17	\$2.50-17.62	\$12.60	\$12.60	-----
Florida.....	6.54	-----	2.00- 5.00	15.05	13.57	\$4.00-18.00
Georgia.....	3.09	2.85	1.50-10.00	-----	-----	-----
Louisiana.....	3.17	-----	2.55- 4.00	-----	-----	-----
Mississippi.....	4.00	4.00	-----	17.91	17.91	14.00- 18.00
North Carolina.....	2.33	2.00	2.00- 3.00	13.50	13.50	-----
South Carolina.....	6.00	-----	-----	18.51	-----	-----
Texas.....	-----	-----	-----	9.30	9.30	9.00-10.00
Average or spread.....	6.07	4.30	1.50-17.62	13.07	12.62	4.00-18.00
SHORTLEAF PINE						
Alabama.....	\$2.18	\$2.21	\$6.00-85.00	\$10.34	\$10.34	\$5.00-12.65
Arkansas.....	3.10	2.83	1.00- 8.50	7.48	7.48	5.00-15.50
Delaware.....	4.15	4.00	4.00- 6.00	7.50	7.50	-----
Florida.....	2.55	3.20	1.50-14.67	10.04	13.00	8.10-13.00
Georgia.....	2.69	2.81	1.25- 5.00	10.62	10.62	7.00-20.00
Louisiana.....	4.10	3.85	1.50-10.00	11.97	11.97	7.00-16.87
Maryland.....	4.36	4.39	3.50- 5.00	-----	-----	-----
Mississippi.....	2.03	1.38	1.00- 5.00	10.89	10.89	7.00-12.59
Missouri.....	1.97	1.97	1.00- 4.00	9.62	7.71	5.00-16.00
North Carolina.....	3.15	3.12	.50- 7.00	10.34	10.37	5.00-13.00
Oklahoma.....	1.77	1.46	1.28- 4.58	10.72	10.72	6.00-13.14
South Carolina.....	2.40	2.30	.50- 5.00	8.67	8.67	6.00-12.00
Tennessee.....	4.34	2.93	2.00- 5.00	10.85	10.85	9.00-11.50
Texas.....	2.70	2.71	2.00- 5.00	11.29	10.62	4.00-17.00
Virginia.....	3.22	3.25	1.00-11.00	11.46	10.98	5.00-18.00
Average or spread.....	2.95	2.01	.50-14.67	10.29	10.21	4.00-20.00
SOUTHERN YELLOW PINE (SPECIES NOT REPORTED)						
Alabama.....	\$4.07	\$4.25	\$1.00-88.64	\$6.74	\$6.74	\$5.37-10.00
Florida.....	4.87	-----	3.50- 5.00	-----	-----	-----
Georgia.....	3.57	2.45	.63- 5.00	12.81	12.81	8.00-18.10
Louisiana.....	3.86	2.90	1.00- 7.50	10.86	10.86	6.98-11.23
Mississippi.....	3.57	3.87	.63- 4.50	10.10	10.10	5.50-20.00
North Carolina.....	2.34	2.33	1.20- 5.00	10.64	10.80	4.75-16.75
South Carolina.....	4.64	4.63	1.47- 6.75	13.23	13.23	9.47-15.64
Texas.....	3.15	2.79	1.50- 4.50	10.83	10.38	5.50-16.50
Virginia.....	4.88	4.88	3.00- 5.00	-----	-----	-----
Average or spread.....	3.91	3.87	.63- 8.64	10.87	10.92	4.75-20.00
ALL SOUTHERN PINES						
Alabama.....	\$3.89	\$4.07	\$6.00-17.02	\$9.70	\$9.70	\$5.00-12.65
Arkansas.....	3.10	2.83	1.00- 8.50	7.48	7.48	5.00-15.50
Delaware.....	4.15	4.00	4.00- 6.00	7.50	7.50	-----
Florida.....	5.97	3.29	1.50-14.67	12.56	13.51	4.00-18.00
Georgia.....	3.05	2.70	.93-10.00	12.44	12.44	7.00-20.00
Louisiana.....	4.00	3.57	1.80-10.00	11.67	11.67	6.98-16.87
Maryland.....	4.36	4.39	3.50- 5.00	-----	-----	-----
Mississippi.....	2.05	2.81	.63- 5.00	10.64	10.64	5.50-20.00
Missouri.....	1.97	1.97	1.00- 4.00	9.62	7.71	5.00-16.00
North Carolina.....	2.82	2.76	.50- 7.00	10.49	10.55	4.75-16.75
Oklahoma.....	1.77	1.46	1.28- 4.58	10.72	10.72	6.00-13.14
South Carolina.....	3.57	3.58	.50- 6.75	10.41	10.42	6.00-16.51
Tennessee.....	4.34	2.93	2.00- 5.00	10.85	10.85	9.00-11.50
Texas.....	2.89	2.74	1.50- 5.00	10.54	10.38	4.00-17.00
Virginia.....	3.31	3.36	1.00-11.00	11.46	10.98	5.00-18.00
Average or spread.....	3.70	3.31	.50-17.02	10.60	10.54	4.00-20.00

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TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931—Continued

WESTERN LARCH

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Idaho	\$1.12		\$.50-\$1.50	\$12.63	\$8.21	\$5.00-\$13.80
Montana	.84		.25-5.00	10.49	10.49	10.00-13.50
Washington	.93		.25-1.25	10.97	10.97	8.00-11.00
Average or spread	.89		.25-5.00	11.02	10.46	5.00-13.80

TAMARACK

Michigan	\$3.00			\$18.00	\$16.00	
Minnesota				20.20	13.00	\$13.00-\$28.00
Wisconsin	2.00	\$2.00		15.71	15.71	14.00-21.00
Average or spread	2.94	2.00	\$2.00-\$3.00	21.27	17.04	13.00-28.00

ENGELMANN SPRUCE

Colorado	\$2.41		\$2.00-\$2.50			
Idaho				\$12.00		
Montana	1.20			10.29	\$11.00	\$10.25-\$11.00
Washington	1.00			11.99	17.59	9.00-17.59
Wyoming	2.50					
Average or spread	1.25		1.00-2.50	11.35	17.39	9.00-17.59

SITKA SPRUCE

California	\$1.25	\$1.25				
Oregon	2.17		\$.60-\$5.00	\$14.03	\$16.70	\$7.36-\$25.00
Washington	4.66		3.00-5.00	14.74	15.45	5.20-40.85
Average or spread	3.82	1.25	.60-5.00	14.35	15.08	5.20-40.85

EASTERN SPRUCE

Maine	\$5.57	\$7.42	\$1.00-\$10.00	\$15.89	\$16.42	\$10.00-\$24.00
Michigan	5.96	5.00	5.00-6.00	17.73	17.73	17.00-18.16
Minnesota	3.34	3.90	1.00-4.00	14.68	15.23	14.00-17.00
New Hampshire	6.63	6.63	5.00-8.00	13.01	12.81	9.00-19.00
New York				18.59	18.59	16.25-20.00
Vermont	7.25	7.12	4.00-8.75	15.91	14.90	10.00-20.00
Wisconsin	5.00			20.69	20.69	12.71-22.50
Average or spread	7.59	7.12	1.00-10.00	17.41	15.70	9.00-24.00

EASTERN HEMLOCK

Connecticut	\$5.00	\$5.00				
Maine	4.84	4.60	\$4.00-\$9.00	\$15.40	\$15.40	\$9.00-\$18.00
Maryland	3.00	3.00				
Massachusetts				9.60	9.60	8.00-12.00
Michigan	1.11	2.44	1.00-4.00	15.15	13.49	10.00-20.00
New Hampshire	2.65	2.65	1.00-6.00	11.83	12.75	9.50-15.00
New York	4.89	4.89	2.75-7.50	17.74	16.35	10.00-30.00
North Carolina				11.30		
Ohio	10.00	10.00				
Pennsylvania	3.69	3.35	3.00-8.00	18.09	17.39	14.61-24.71
Tennessee	4.00			11.50	11.50	
Vermont	2.33	4.00	2.00-4.00	14.05	14.65	10.00-20.00
Wisconsin	2.00	2.00		15.38	16.13	10.00-20.00
Average or spread	3.05	3.53	1.00-10.00	15.31	15.09	8.00-30.00

WESTERN HEMLOCK

Oregon	\$0.95		\$0.23-\$2.00	\$4.76	\$7.55	\$6.17-\$11.50
Washington	.90	\$0.75	.50-2.00	9.43	9.19	4.00-15.80
Average or spread	.91	.75	.23-2.00	9.47	8.18	4.00-15.80

TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
DOUGLAS FIR						
California.....	\$1.90	\$1.28	\$1.00-\$3.00	\$15.62	\$15.62	\$10.00-\$15.64
Colorado.....	2.44		2.00- 3.00	10.00	10.00	
Idaho.....	1.12		.50- 2.50	12.79	9.23	5.00-13.80
Montana.....	.75		.25- 5.00	21.21	10.49	10.00-28.00
Oregon.....	2.37	1.33	.25- 5.00	10.60	10.45	3.50-21.00
Washington.....	2.07	1.09	.50- 5.00	11.58	11.20	1.60-26.53
Average or spread.....	2.51	1.51	.25- 5.00	11.31	10.96	1.60-28.00
WHITE FIR						
California.....	\$0.70		\$0.50-\$1.75			
Idaho.....	1.01		.50- 1.50	\$7.93	\$7.68	\$5.00-80.00
Montana.....	1.50	\$1.50				
Oregon.....	1.09		1.00- 2.00	9.07	5.20	5.20- 9.13
Washington.....	.61		.50- 1.00	10.93	8.93	4.00-13.24
Average or spread.....	.76	1.50	.50- 2.00	10.50	8.73	4.00-13.24
BALSAM FIR						
Maine.....	\$8.27	\$0.58	\$3.50-\$10.00	\$22.55	\$17.81	\$10.00-\$24.00
Michigan.....	2.10	2.04	2.00- 3.00	10.65	10.65	10.00-15.00
Minnesota.....	1.79		1.00- 2.50	12.77	15.51	12.00-16.00
New Hampshire.....	5.00	5.00				
Vermont.....	5.20	5.20	4.00- 6.00	13.03	13.03	10.00-17.00
Wisconsin.....	2.00	2.00		19.86	19.56	16.00-21.50
Average or spread.....	4.80	4.27	1.00-10.00	20.51	15.97	10.00-24.00
CYPRESS						
Alabama.....				\$12.02	\$12.92	\$10.00-\$16.00
Arkansas.....	\$4.67	\$4.67	\$3.00-\$6.00	16.10	15.10	9.00-23.50
Florida.....	4.62		2.43- 6.00	23.29	23.29	12.87-25.00
Georgia.....	6.17	7.00	4.00- 7.00	20.29	20.20	10.00-21.84
Louisiana.....	5.15		2.12- 6.00	15.93	15.93	6.00-20.34
Mississippi.....				15.03	15.03	14.00-16.50
Missouri.....				10.26	10.26	5.00-12.00
North Carolina.....				13.01	12.98	11.00-18.32
Oklahoma.....	1.51					
South Carolina.....	3.00	3.00		14.22	14.22	14.00-22.00
Tennessee.....				11.97	11.87	8.00-15.00
Virginia.....				18.15	18.00	18.00-18.50
Average or spread.....	4.79	5.63	1.51- 7.00	17.84	17.83	5.00-25.00
REDWOOD						
California.....	\$3.48		\$1.50-\$5.00	\$11.50		
INCENSE CEDAR						
California.....	\$0.53		\$0.50-\$1.75	\$10.05	\$10.00	\$10.00-\$12.50
Oregon.....	2.38		2.00- 2.50	8.79	8.55	7.00-10.00
Average or spread.....	1.40		.50- 2.50	9.28	9.28	7.00-12.50
WESTERN RED CEDAR						
Idaho.....	\$1.00					
Oregon.....	1.02		\$0.50-\$2.00	\$9.82	\$7.28	\$3.15-\$13.50
Washington.....	3.17	\$2.89	1.00- 5.00	10.34	11.77	5.00-19.00
Average or spread.....	2.86	2.50	.50- 5.00	10.33	11.73	3.15-19.00

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TABLE 3.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1931—Continued

NORTHERN WHITE CEDAR

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine.....	\$8.74	\$7.54	\$7.00-\$10.00	\$13.03	\$18.92	\$12.00-\$25.00
Massachusetts.....				10.00	10.00	
Michigan.....	1.45	1.75	1.00- 2.00	16.42	14.13	14.00- 22.00
Minnesota.....	1.00			13.00	13.00	
Vermont.....				11.00	11.00	
Wisconsin.....	2.00			14.31	14.31	13.00- 16.00
Average or spread.....	6.63	6.87	1.00- 10.00	13.72	12.99	12.00- 25.00

PORT ORFORD CEDAR

Oregon.....	\$7.72		\$1.50-\$13.00	\$37.90	\$17.32	\$10.00-\$53.00
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EASTERN RED CEDAR

Alabama.....				\$25.00	\$25.00	
Indiana.....				120.00		
North Carolina.....				20.00	20.00	
Oklahoma.....				25.00	25.00	
Tennessee.....				19.22	19.22	\$17.00-\$20.00
Average or spread.....				22.45	22.35	17.00-120.00

ALL SPECIES

Alabama.....	\$3.80	\$4.07	\$0.60-\$17.62	\$10.91	\$10.91	\$5.00-\$25.00
Arizona.....	2.19	2.00	2.00- 2.50	10.00	10.00	
Arkansas.....	3.14	2.80	1.00- 8.56	9.41	9.41	5.00- 23.50
California.....	3.40	1.00	.50- 5.00	14.06	14.03	10.00- 15.00
Colorado.....	2.55	2.44	2.00- 3.00	9.44	9.44	8.00- 10.00
Connecticut.....	4.73	4.73	4.00- 6.00			
Delaware.....	4.15	4.00	4.00- 6.00	7.50	7.50	
Florida.....	5.77	3.29	1.50- 14.67	18.11	20.76	4.00- 25.00
Georgia.....	3.10	2.00	.93- 10.00	15.33	15.33	7.00- 21.84
Iaho.....	2.75	5.53	.50- 7.00	14.93	15.85	5.00- 21.00
Indiana.....				120.00		
Kentucky.....				20.00		
Louisiana.....	4.04	3.57	1.50- 10.00	12.12	12.12	0.00- 20.34
Maine.....	7.80	7.37	1.00- 14.00	10.15	18.69	9.00- 25.00
Maryland.....	4.24	4.18	3.00- 5.00			
Massachusetts.....	7.14	7.28	2.50- 12.00	15.10	13.62	7.50- 22.00
Michigan.....	2.51	2.19	1.00- 10.00	10.38	15.51	10.00- 26.28
Minnesota.....	5.16	4.61	1.00- 8.00	21.45	21.38	7.00- 30.00
Mississippi.....	2.95	2.84	.63- 5.00	10.83	10.83	5.50- 20.00
Missouri.....	1.97	1.97	1.00- 4.00	9.76	9.30	5.00- 16.00
Montana.....	1.45	1.50	.25- 5.00	15.69	11.76	10.00- 31.00
New Hampshire.....	5.25	5.18	1.00- 9.75	13.19	12.75	6.00- 20.00
New Mexico.....	2.19		1.00- 3.00	16.00	16.00	
New York.....	6.23	5.23	2.75- 15.00	18.41	17.38	10.00- 35.00
North Carolina.....	2.82	2.76	.50- 7.00	10.59	10.88	4.75- 20.00
Ohio.....	10.00	10.00				
Oklahoma.....	1.76	1.46	1.28- 4.58	10.75	10.75	6.00- 25.00
Oregon.....	2.46	1.33	.23- 13.00	11.43	11.11	3.15- 53.00
Pennsylvania.....	5.28	5.23	3.00- 13.95	20.24	19.91	14.61- 28.00
Rhode Island.....	5.01	5.01	4.00- 8.00			
South Carolina.....	3.57	3.57	.50- 6.75	10.49	10.47	0.00- 22.00
South Dakota.....				17.00	17.00	
Tennessee.....	4.34	2.93	2.00- 5.00	13.13	13.08	8.00- 26.00
Texas.....	2.89	2.74	1.50- 5.00	10.54	10.35	4.00- 17.00
Utah.....				7.00	7.00	
Vermont.....	7.08	7.13	2.00- 12.00	15.24	14.73	10.00- 25.00
Virginia.....	3.34	3.36	1.00- 11.00	12.19	10.99	5.00- 18.50
Washington.....	2.49	2.02	.25- 5.00	10.97	10.93	1.00- 40.85
West Virginia.....	3.00					
Wisconsin.....	2.37	2.00	2.00- 10.00	15.77	17.68	10.00- 55.83
Wyoming.....	2.50					
Average or spread.....	3.08	3.54	.23- 17.62	11.44	11.11	1.00-120.00

TABLE 4.—Prices per thousand feet board measure of softwood stumpage and logs, flat-rate sales, by States, 1931

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
California.....	\$1.51	\$1.35	\$0.75-\$4.00	\$6.12	\$6.12	\$5.00-\$6.50
Colorado.....	2.15		1.50-2.00			
Idaho.....	.94		.80-1.00	9.98	9.98	8.00-10.00
Maine.....	4.72	4.72	4.00-5.00	13.61	13.61	6.00-25.00
Massachusetts.....				15.00		15.00
Montana.....	2.38		.40-3.00	11.22	11.22	10.00-15.00
New Hampshire.....	2.63	2.63	1.25-4.00			
New Mexico.....	2.13		2.00-2.50			
New York.....				10.00	10.00	
Oregon.....	1.26		.50-2.25	9.39	9.39	5.00-13.00
Vermont.....				20.30	15.00	15.00-22.35
Washington.....	2.69	1.33	.75-4.85	11.68	11.26	5.75-16.42
Wisconsin.....				13.00	13.00	
Average or spread.....	1.74	1.38	.40-5.00	11.61	11.12	5.00-25.00

TABLE 5.—Prices per thousand feet board measure of softwood stumpage and logs, all sales, by States, 1931

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.89	\$4.07	\$0.60-\$17.02	\$10.91	\$10.91	\$5.00-\$25.00
Arizona.....	2.19	2.00	2.00-2.50	10.00	10.00	
Arkansas.....	3.14	2.89	1.00-8.56	9.41	9.41	5.00-23.50
California.....	3.01	1.36	.50-5.00	13.09	14.01	5.00-15.64
Colorado.....	2.54	2.44	1.50-3.00	9.44	9.44	8.00-10.00
Connecticut.....	4.73	4.73	4.00-6.00			
Delaware.....	4.15	4.00	4.00-6.00	7.50	7.50	
Florida.....	5.77	3.29	1.50-14.67	18.11	20.78	4.00-25.00
Georgia.....	3.19	2.99	.93-10.00	15.33	15.33	7.00-21.84
Idaho.....	2.39	5.53	.60-7.00	14.07	14.38	5.00-21.00
Indiana.....				120.00		
Kentucky.....				26.00		
Louisiana.....	4.04	3.57	1.80-10.00	12.12	12.12	6.00-20.34
Maine.....	7.75	7.32	1.00-14.00	18.26	18.50	6.00-25.00
Maryland.....	4.24	4.18	3.00-5.00			
Massachusetts.....	7.14	7.28	2.50-12.00	15.10	13.78	7.50-22.00
Michigan.....	2.51	2.19	1.00-10.00	16.38	18.51	10.00-26.28
Minnesota.....	5.16	4.61	1.00-8.00	21.45	21.38	7.00-30.60
Mississippi.....	2.95	2.84	.63-5.00	10.83	10.83	5.50-20.00
Missouri.....	1.97	1.97	1.00-4.00	9.76	9.30	5.00-22.00
Montana.....	1.79	1.50	.25-5.00	15.01	11.85	10.00-31.00
New Hampshire.....	5.14	4.94	1.00-9.75	13.19	12.75	6.00-20.00
New Mexico.....	2.18		1.00-3.00	16.00	16.00	
New York.....	6.23	6.23	2.75-15.00	18.38	17.80	10.00-35.00
North Carolina.....	2.82	2.78	.50-7.00	10.59	10.08	4.75-20.00
Ohio.....	10.00	10.00				
Oklahoma.....	1.76	1.46	1.28-4.58	10.75	10.75	6.00-25.00
Oregon.....	2.12	1.33	.23-13.00	11.40	11.08	3.15-53.00
Pennsylvania.....	5.28	5.23	3.00-13.35	20.24	19.91	14.01-28.00
Rhode Island.....	5.01	5.01	4.00-8.00			
South Carolina.....	3.57	3.57	.50-6.75	10.50		
South Dakota.....				17.00	17.00	6.00-22.00
Tennessee.....	4.34	2.91	2.00-5.00	13.13	13.08	8.00-26.00
Texas.....	2.89	2.74	1.50-5.00	10.51	10.35	4.00-17.00
Utah.....				7.00	7.00	
Vermont.....	7.08	7.13	2.00-12.00	18.69	14.85	10.00-25.00
Virginia.....	3.34	3.36	1.00-11.00	12.10	10.90	5.00-18.50
Washington.....	2.52	1.89	.25-5.00	11.04	10.95	1.00-40.85
West Virginia.....	3.00					
Wisconsin.....	2.37	2.00	2.00-10.00	15.77	17.07	10.00-55.83
Wyoming.....	2.50					
Average or spread.....	2.84	2.98	.23-17.02	11.45	11.11	1.00-120.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs individual sales, by species and States, 1931

OAK (SPECIES NOT REPORTED)

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.29	\$3.00	\$2.50-\$9.00	\$14.40	\$14.41	\$10.00-\$16.00
Arkansas.....	3.17	5.53	2.00-6.00	15.21	14.82	7.00-27.60
Connecticut.....	5.98	5.98	5.00-10.00	18.00	18.00	.....
Delaware.....	14.00	.....	.....	.....	.....	.....
Georgia.....	2.50	2.00	2.00-4.00	14.23	14.22	11.50-16.60
Indiana.....	8.66	7.93	3.00-20.00	30.57	30.58	18.00-32.00
Kentucky.....	5.68	.....	3.00-20.00	24.00	24.00	15.00-25.00
Louisiana.....	2.90	2.14	2.12-4.00	7.00	.....	.....
Maine.....	.....	.....	.....	10.16	10.16	13.00-25.00
Maryland.....	4.81	.....	4.50-10.00	.....	.....	.....
Massachusetts.....	5.45	5.45	4.00-9.38	12.45	15.68	12.00-20.00
Michigan.....	.....	.....	.....	27.00	27.00	16.00-35.33
Minnesota.....	4.00	.....	.....	15.00	15.00	.....
Mississippi.....	4.45	2.00	2.00-7.00	13.71	13.71	10.00-14.00
Missouri.....	1.37	1.37	1.25-1.50	14.09	13.91	4.00-17.00
New Jersey.....	12.67	15.00	8.00-15.00	.....	.....	.....
New York.....	6.40	.....	5.00-10.00	45.27	23.41	20.00-60.00
North Carolina.....	4.03	.....	2.78-7.00	10.22	15.00	14.00-18.00
Ohio.....	8.22	8.11	5.00-20.00	26.14	32.22	15.00-40.00
Oklahoma.....	2.45	2.00	1.50-2.50	17.41	17.41	7.00-17.47
Oregon.....	.....	.....	.....	24.00	.....	.....
Pennsylvania.....	5.76	5.20	1.00-12.00	10.53	18.87	15.00-25.00
Rhode Island.....	5.60	5.60	5.00-6.00	.....	.....	.....
South Carolina.....	.....	.....	.....	5.70	.....	5.15-9.00
Tennessee.....	4.79	3.69	1.50-10.00	16.39	17.31	7.50-27.00
Texas.....	2.43	2.43	2.00-2.50	10.00	10.00	.....
Virginia.....	4.12	3.71	1.50-10.31	14.26	13.83	12.50-17.60
Washington.....	.....	.....	.....	45.00	45.00	.....
West Virginia.....	4.23	3.12	2.50-8.00	.....	.....	.....
Wisconsin.....	6.00	6.00	.....	45.42	23.78	14.00-75.00
Average or spread.....	5.00	5.33	1.25-20.00	16.21	16.48	4.00-75.00

WILLOW

Arkansas.....	.....	.....	.....	\$17.50	\$17.50	.....
Louisiana.....	.....	.....	.....	11.54	0.52	\$0.00-\$14.50
Mississippi.....	.....	.....	.....	11.50	11.48	11.00-13.00
Missouri.....	.....	.....	.....	8.00	8.00	.....
Average or spread.....	.....	.....	.....	11.16	10.77	5.00-17.50

RED OAK

Alabama.....	\$2.68	\$1.50	\$1.50-\$8.00	\$12.99	\$12.99	\$10.00-\$13.00
Arkansas.....	5.83	7.50	1.75-8.00	15.28	15.25	7.00-20.00
Florida.....	2.00	.....	.....	15.00	15.00	.....
Georgia.....	2.63	3.67	2.00-4.00	.....	.....	.....
Illinois.....	3.00	3.00	.....	7.18	5.00	5.00-28.83
Indiana.....	10.50	11.12	4.00-20.00	17.46	18.42	10.00-35.00
Kentucky.....	4.54	6.00	4.00-6.00	47.94	.....	38.50-50.00
Louisiana.....	2.05	.....	.....	15.83	15.83	7.00-18.00
Maine.....	10.45	0.60	0.00-15.00	20.00	20.00	.....
Maryland.....	3.13	6.11	2.00-10.00	55.00	.....	.....
Massachusetts.....	.....	.....	.....	15.00	.....	.....
Michigan.....	12.97	12.97	10.00-18.00	18.50	20.00	18.00-20.00
Mississippi.....	3.00	.....	.....	14.62	14.62	5.00-15.00
Missouri.....	2.38	2.48	2.00-3.50	8.00	.....	.....
New Hampshire.....	7.00	7.00	.....	12.00	12.00	.....
New Jersey.....	8.00	8.00	.....	30.00	30.00	.....
New York.....	5.57	5.57	5.00-8.00	21.32	22.98	15.00-40.00
North Carolina.....	4.00	4.00	.....	13.10	10.00	10.00-16.00
Ohio.....	6.95	5.16	2.00-17.00	14.92	14.38	12.00-40.00
Oklahoma.....	.....	.....	.....	10.00	10.00	.....
Pennsylvania.....	5.68	4.81	3.50-10.00	20.00	20.00	.....
Rhode Island.....	6.00	6.00	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	14.29	14.29	11.00-15.00
Tennessee.....	4.19	4.19	4.00-8.00	15.02	14.00	8.00-22.00
Texas.....	3.00	.....	.....	.....	.....	.....
Vermont.....	.....	.....	.....	14.68	15.53	14.00-17.00
Virginia.....	4.40	4.40	2.50-7.00	11.95	9.31	9.00-24.60
Wisconsin.....	.....	.....	.....	31.53	22.12	8.00-55.00
Average or spread.....	4.92	5.69	1.50-20.00	16.71	16.14	5.00-55.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

WHITE OAK

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$2.95	\$2.50	\$2.50-\$4.00	\$15.40	\$15.40	\$13.00-\$16.00
Arkansas.....	6.55	5.30	2.00-10.00	13.50	16.90	9.00-22.00
Florida.....				15.95	15.95	14.52-16.85
Georgia.....	3.26	2.50	2.50-3.50			
Illinois.....	4.00	4.00		39.69	10.00	10.00-85.00
Indiana.....	9.57	7.90	5.00-30.00	32.63	29.53	10.00-60.00
Kentucky.....				19.87	16.20	15.00-57.50
Louisiana.....	4.00	10.00	3.30-10.00	16.32	10.32	7.00-20.34
Maine.....	7.00					
Maryland.....	5.64	8.00	4.50-8.00	80.00		
Massachusetts.....				15.55		12.00-18.00
Michigan.....	21.43	20.00	12.00-25.00	22.00		
Mississippi.....	4.50		4.50-12.00	13.11	18.11	5.00-20.00
Missouri.....	5.88	5.98	2.00-20.00	16.81	6.00	0.00-20.00
New Jersey.....	9.18	9.18	8.00-10.00			
North Carolina.....	4.09	4.10	3.00-5.00	19.71	15.00	15.00-30.00
Ohio.....	8.33	16.42	3.00-22.00	26.94	20.83	10.00-38.00
Pennsylvania.....	6.10	5.20	5.00-12.00	7.43	8.00	0.00-8.00
South Carolina.....				12.02	12.02	8.50-16.71
Tennessee.....	5.57	6.00	3.00-6.00	22.68	22.86	12.00-30.00
Texas.....	5.00					
Vermont.....				25.00	25.00	
Virginia.....	6.48	4.65	3.00-10.00	30.52	13.00	10.00-34.00
West Virginia.....	8.00		5.00-0.00			
Wisconsin.....				41.87	20.47	15.00-55.00
Average or spread.....	6.09	6.75	2.00-30.00	20.33	19.21	5.00-85.00

OAK—ALL INDIVIDUAL SALES

Alabama.....	\$2.84	\$2.27	\$1.50-\$9.00	\$14.37	\$14.37	\$10.00-\$16.00
Arkansas.....	3.46	5.67	1.75-10.00	15.30	15.36	7.00-27.50
Connecticut.....	5.98	5.98	5.00-10.00			
Delaware.....	14.00			18.00	18.00	
Florida.....	2.00			16.93	15.93	14.52-16.85
Georgia.....	2.75	2.48	2.00-4.00	14.22	14.22	11.50-16.60
Illinois.....	3.42	3.42	3.00-4.00	34.02	6.67	5.00-85.00
Indiana.....	9.25	8.83	3.00-30.00	29.11	28.30	10.00-60.00
Kentucky.....	5.32	6.00	3.00-20.00	23.01	20.21	15.00-57.50
Louisiana.....	3.02	2.41	2.12-10.00	14.86	15.96	7.00-20.34
Maine.....	9.78	9.00	7.00-15.00	19.31	19.31	13.00-25.00
Maryland.....	4.47	6.49	2.00-10.00	56.32		55.00-80.00
Massachusetts.....	5.45	5.45	3.00-9.38	12.93	15.08	12.00-20.00
Michigan.....	16.52	13.01	10.00-25.00	26.61	26.61	16.00-35.32
Minnesota.....	4.00			15.00	15.00	
Mississippi.....	4.53	2.00	2.00-12.00	15.58	15.58	5.00-20.00
Missouri.....	4.12	3.15	1.25-20.00	14.45	12.50	4.00-20.00
New Hampshire.....	7.00	7.00		12.00	12.00	
New Jersey.....	11.51	12.65	5.00-15.00	30.00	30.00	
New York.....	5.51	5.57	5.00-10.00	30.38	23.97	15.00-60.00
North Carolina.....	4.04	4.13	2.78-7.00	16.61	13.44	10.00-30.00
Ohio.....	7.88	13.38	2.00-20.00	24.40	24.71	10.00-40.60
Oklahoma.....	2.45	2.00	1.50-2.50	17.21	17.21	7.00-17.47
Oregon.....				24.00		
Pennsylvania.....	5.71	5.14	1.96-12.00	18.88	18.09	0.00-25.00
Rhode Island.....	5.75	5.75	5.00-6.00			
South Carolina.....				12.17	13.28	5.15-16.71
Tennessee.....	4.57	4.43	1.80-10.00	17.03	17.75	7.50-30.00
Texas.....	3.30	2.43	2.00-5.00	16.00	10.00	
Vermont.....				15.08	16.36	14.00-25.00
Virginia.....	4.48	4.32	1.50-10.31	21.80	12.81	9.20-34.00
Washington.....				45.00	45.00	
West Virginia.....	4.85	3.12	2.50-0.00			
Wisconsin.....	6.00	6.00		36.30	22.92	8.00-75.00
Average or spread.....	5.21	5.50	1.25-30.00	17.14	16.82	4.00-85.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

SOFT MAPLE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Arkansas.....				\$15.00	\$15.00	
Indiana.....				15.67	12.23	\$12.00-\$30.00
Maryland.....	\$1.00					
Michigan.....	8.00			19.23	19.50	13.60-20.22
New York.....				19.00		15.00-25.00
Ohio.....	15.00	\$15.00		12.00		
Pennsylvania.....				13.00	13.00	8.00-20.00
Tennessee.....				12.00	10.00	
Vermont.....				12.00	12.00	
Wisconsin.....	4.00	4.00		18.90	18.65	10.00-25.00
Average or spread.....	4.98	4.12	\$1.00-\$15.00	18.00	17.03	6.60-39.00

HARD MAPLE

Indiana.....	\$11.19	\$10.36	\$5.00-\$20.00	\$55.10	\$35.92	\$19.74-\$40.00
Maine.....				20.00	20.00	
Maryland.....	5.00					
Michigan.....	9.77	8.00	8.00-16.00	20.56	20.56	16.60-23.00
New York.....	5.85		5.00-20.00	25.42	25.00	18.00-35.00
Ohio.....	11.25	10.50	3.00-20.00	28.57	15.00	15.00-30.00
Pennsylvania.....	5.00			15.00	15.00	10.00-25.00
Tennessee.....				15.00	15.00	
Vermont.....				17.00	17.00	
Wisconsin.....	5.50	5.50		25.88	15.80	8.00-36.00
Average or spread.....	8.27	10.38	3.00-20.00	22.43	19.82	8.00-40.00

MAPLE (SPECIES NOT REPORTED)

Arkansas.....				\$17.24	\$17.24	\$11.50-\$25.50
Florida.....				15.83	15.83	14.95-16.78
Georgia.....				18.10	18.10	16.61-18.18
Illinois.....	\$2.00	\$2.00				
Indiana.....	13.97	13.79	\$12.00-\$20.00	40.33	24.20	20.00-145.00
Iowa.....	2.00			8.00	8.00	
Kentucky.....				36.00		
Louisiana.....				8.50	8.50	7.00-9.00
Maine.....				20.00	20.00	
Maryland.....	2.00					
Massachusetts.....				20.27	24.72	10.00-115.00
Michigan.....	6.50	.97	.67-25.00	21.28	21.63	14.00-100.00
Mississippi.....				10.61	10.61	10.00-11.02
Missouri.....				8.68	8.68	6.00-11.00
New Hampshire.....	8.61	8.61	8.25-12.00			
New York.....	7.27	7.40	2.00-10.60	26.11	20.31	0.00-231.57
North Carolina.....	1.00			19.03	17.01	12.00-100.00
Ohio.....	5.00	5.23	2.00-17.50	21.25	14.76	11.00-75.00
Oregon.....	3.51			17.30	16.87	10.87-47.20
Pennsylvania.....	8.11	7.13	3.00-10.00	26.08	18.37	8.00-30.78
South Carolina.....				15.85	15.85	12.00-16.12
Tennessee.....				18.11	18.11	14.00-20.00
Vermont.....	6.25	3.06	3.00-9.00	16.75	16.99	12.00-40.00
Virginia.....				24.30		17.50-27.78
Washington.....				35.85	12.86	10.00-175.00
Wisconsin.....	4.28	5.01	3.00-9.00	21.27	10.91	9.00-66.11
Average or spread.....	4.07	5.81	.67-25.00	22.80	20.25	6.00-234.57

MAPLE—ALL INDIVIDUAL SALES

Arkansas.....				\$17.08	\$17.08	\$11.50-\$25.50
Florida.....				15.83	15.83	14.95-16.78
Georgia.....				18.10	18.10	16.61-18.18
Illinois.....	\$2.00	\$2.00				
Indiana.....	11.37	10.77	\$5.00-\$20.00	31.73	21.30	12.00-145.00
Iowa.....	2.00			8.00	8.00	
Kentucky.....				36.00		
Louisiana.....				8.50	8.50	7.00-9.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

MAPLE—ALL INDIVIDUAL SALES—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine.....				\$20.00	\$20.00	
Maryland.....	\$3.00		\$2.00-\$5.00			
Massachusetts.....				29.57	21.72	\$10.00-\$115.00
Michigan.....	6.68	\$1.06	.67-25.00	21.00	21.20	13.60- 160.00
Mississippi.....				10.61	10.81	10.00- 11.02
Missouri.....				8.68	8.68	6.00- 11.00
New Hampshire.....	8.01	8.51	8.25-12.00			
New York.....	6.51	7.40	2.00-20.00	26.42	20.99	6.00- 234.57
North Carolina.....	1.00			19.03	17.01	12.00- 100.00
Ohio.....	7.81	6.91	2.00-20.00	21.63	14.77	12.00- 75.00
Oregon.....	3.51			17.30	16.87	16.87- 47.20
Pennsylvania.....	7.22	7.13	3.00-10.00	21.72	17.85	6.00- 30.78
South Carolina.....				15.85	15.85	12.00- 19.12
Tennessee.....				18.02	18.02	10.00- 20.00
Vermont.....	5.25	3.00	3.00- 0.00	16.77	16.90	12.00- 40.00
Virginia.....				21.30		17.50- 27.76
Washington.....				35.85	12.86	10.00- 175.00
Wisconsin.....	4.27	4.09	3.00- 0.00	23.42	18.43	8.00- 69.11
Average or spread.....	5.97	7.31	.67-25.00	22.65	20.07	6.00- 234.57

ELM (SPECIES NOT REPORTED)

Arkansas.....	\$3.00	\$1.00		\$13.73	\$18.60	\$8.00-\$25.50
Florida.....				15.81	15.81	11.91- 16.67
Georgia.....	2.00	2.00		17.00	17.00	
Illinois.....	2.00	2.00				
Indiana.....	20.31	20.74	\$5.00-\$25.00	22.50	17.28	15.00- 30.00
Kentucky.....	0.00					
Louisiana.....				11.07	8.43	7.00- 12.00
Maine.....				16.00	16.00	
Massachusetts.....				6.00	6.00	
Michigan.....	8.58	13.05	5.00- 11.00	10.80	10.38	2.00- 28.00
Minnesota.....				13.00	13.00	
Mississippi.....				12.17	9.31	8.00- 12.50
Missouri.....				13.37	7.60	6.00- 17.00
New York.....	3.88	3.86	2.75- 8.00	31.30	25.43	9.00- 45.00
North Carolina.....				12.00		
Ohio.....	20.20	22.05	3.00- 25.00	26.15	15.50	10.00- 33.00
Oklahoma.....	2.00	2.00		5.00	8.00	
Pennsylvania.....				9.31	14.00	8.00- 14.00
South Carolina.....				16.70		
Tennessee.....				17.02	17.62	7.00- 18.00
Vermont.....				22.75	25.00	16.00- 25.00
Virginia.....				15.09		
Wisconsin.....	5.00			19.51	19.16	8.00- 28.00
Average or spread.....	17.02	19.73	2.00- 25.00	16.01	18.23	6.00- 45.00

ROCK ELM

Michigan.....				\$10.45	\$10.45	\$10.00-\$15.00
Tennessee.....				18.00	18.00	
Wisconsin.....				15.87	17.44	15.00- 60.00
Average or spread.....				27.15	17.68	10.00- 60.00

ASH

Alabama.....				\$15.08	\$15.98	\$15.00-\$17.17
Arkansas.....				19.83	19.63	13.00- 33.50
Florida.....				26.60	26.60	17.00- 26.42
Georgia.....				25.95	25.95	22.62- 27.78
Indiana.....	\$27.93	\$28.22	\$15.00-\$33.00	40.67	30.70	21.00- 70.00
Louisiana.....				12.48	14.88	5.00- 18.00
Maine.....	6.00	6.00		18.68	18.68	15.00- 20.00
Maryland.....	5.00					
Massachusetts.....				12.00	12.00	
Michigan.....	7.87	4.09	4.00- 8.00	21.20	21.20	13.60- 24.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1951—Continued

ASH—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Mississippi				\$18.18		
Missouri				25.00	\$14.65	\$12.00-\$35.00
New Hampshire				30.00		
New York	\$9.14	\$8.00	\$5.00-\$20.00	55.08	22.74	15.00-60.00
North Carolina	3.00			17.05	16.94	12.00-20.00
Ohio	20.16	22.80	5.00-40.00	33.35	39.01	25.00-45.00
Oklahoma	2.00					
Oregon				16.87	16.87	
Pennsylvania				62.75	28.67	25.00-55.00
South Carolina				24.31	25.41	20.00-27.00
Tennessee				18.04	18.04	12.00-25.00
Texas	2.51	2.51		13.00	13.00	
Vermont	28.19	0.00	6.00-35.00	40.29	22.33	17.00-50.00
Virginia				286.00		
Wisconsin				20.66	16.02	8.00-39.00
Average or spread	17.86	19.00	2.00-40.00	31.21	23.05	5.00-296.00

BLACK WALNUT

Alabama				\$60.00	\$60.00	
Arkansas				58.05	45.00	\$45.00-\$85.00
Illinois	\$40.02			81.80	42.31	40.00-82.85
Indiana	38.07	\$34.74	\$20.00-\$75.00	105.53	60.55	35.00-300.00
Iowa				56.91		51.00-150.00
Kansas				89.28	85.21	85.21-105.00
Kentucky				92.22	40.00	40.00-215.00
Maryland	12.00			175.00		
Michigan				91.00	113.00	25.00-113.00
Missouri	52.38	52.38	50.00-100.00	86.55	55.21	35.00-200.00
New York				160.00		
North Carolina				50.00		
Ohio	38.49	38.40	5.00-50.00	83.19	80.28	20.00-120.00
Tennessee				47.16	45.07	25.00-245.00
Virginia	20.00			132.38	125.95	98.80-173.76
Wisconsin				141.43		120.00-150.00
Average or spread	45.86	46.51	5.00-100.00	89.82	70.79	20.00-473.76

BUTTERNUT

Indiana				\$25.00		
Wisconsin				24.66	\$21.44	\$20.00-\$32.00
Average or spread				24.97	21.44	20.00-32.00

RED GUM

Alabama				\$12.32	\$13.47	\$10.00-\$18.00
Arkansas	\$5.83	\$5.83	\$3.00-\$12.00	12.93	16.49	8.00-75.50
Florida	4.00			16.04	15.70	14.00-18.02
Georgia	2.48	2.00	2.00-2.50	13.19	17.51	10.00-18.03
Illinois				30.30	30.30	
Indiana	7.05	3.00	3.00-8.00	25.01	21.31	15.00-35.00
Kentucky				30.43		29.00-42.00
Louisiana	2.46		2.00-3.16	11.07	12.46	6.00-16.00
Maryland	3.52	3.52				
Mississippi	1.44	1.44	1.00-2.00	11.77	12.52	5.00-13.07
New Jersey	8.00	8.00		12.92	8.05	6.00-32.00
North Carolina						
Ohio	2.85		1.89-5.00	14.96	9.23	9.00-28.37
Oklahoma	3.44	3.00	3.00-4.00			
Pennsylvania	1.50					
South Carolina	4.00	4.60		17.62		
Tennessee	4.51			14.70	15.79	11.09-16.49
Texas	2.89	2.89	2.50-5.00	14.83	14.98	6.00-27.00
Virginia	4.20		4.00-5.00	11.37	11.37	
Virginia	1.91	1.55	1.00-2.00	17.68	8.00	8.00-26.67
Average or spread	3.11	4.84	1.00-12.00	15.08	14.25	5.00-75.50

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

TUPELO GUM						
State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$7.00			\$11.56	\$11.56	\$10.00-\$16.00
Arkansas	10.00	\$10.00		17.82	8.28	8.00-23.50
Florida				14.03	15.97	13.00-15.07
Georgia	2.00			17.16	17.16	
Illinois				15.66		14.00-22.18
Louisiana	2.50			11.00	11.00	
Mississippi				9.53	9.87	7.50-10.00
North Carolina				20.07		12.00-22.75
South Carolina				15.00	15.00	
Tennessee				11.00	11.00	
Average or spread	6.08	10.00	\$2.00-\$10.00	14.04	12.58	7.50-23.50

BLACK GUM						
Indiana				\$20.00		
Louisiana	\$2.27		\$1.18-\$2.50	7.48	7.48	\$6.78-\$9.00
Mississippi				12.01	12.01	12.00-12.02
North Carolina				10.00		
South Carolina				14.48	14.48	14.00-14.53
Tennessee				14.27	14.27	8.00-15.00
Texas	2.00					
Average or spread	2.24		1.18-2.50	12.71	12.68	6.78-20.00

GUMS—ALL INDIVIDUAL SALES						
Alabama	\$7.00			\$12.06	\$12.63	\$10.00-\$18.00
Arkansas	6.20	\$6.20	\$3.00-\$12.00	13.79	15.63	8.00-75.50
Florida	4.00			15.41	15.74	13.00-18.02
Georgia	2.48	2.00	2.00-2.50	13.34	17.46	10.00-18.03
Illinois				23.05		14.00-30.30
Indiana	7.05	3.00	3.00-8.00	25.39	21.31	15.00-35.00
Kentucky	2.40			30.43		20.00-42.00
Louisiana	3.52		1.18-3.15	10.84	11.35	6.00-16.00
Maryland	3.52	3.52				
Mississippi	1.44	1.44	1.00-2.00	11.59	12.21	5.00-13.97
Missouri				12.62	8.00	0.00-32.00
New Jersey	8.00	8.00				
North Carolina	2.58		1.89-5.00	15.03	9.23	9.00-28.37
Ohio	3.44	3.00	3.00-4.00			
Oklahoma	1.50					
Pennsylvania	4.00	4.60		17.62		
South Carolina	4.51			14.66	15.45	11.90-16.49
Tennessee	2.80	2.80	2.50-5.00	14.72	14.83	6.00-27.00
Texas	3.34		2.00-5.00	11.37	11.37	
Virginia	1.91	1.55	1.00-2.00	17.98	8.00	8.00-20.67
Average or spread	3.67	5.23	1.00-12.00	14.90	13.99	5.00-75.50

SYCAMORE						
Alabama				\$13.05	\$13.05	\$11.00-\$18.00
Arkansas				21.07	21.67	13.50-23.50
Georgia				16.84	16.84	
Illinois	\$2.00	\$2.00				
Indiana	5.00	5.00		38.05	10.29	15.00-30.00
Louisiana				5.37	8.37	7.00-9.00
Mississippi				10.14	10.14	9.00-12.00
Missouri				17.73	9.20	6.00-20.00
North Carolina				12.00		
Ohio	4.30	4.30	\$3.00-\$4.50	15.00	15.00	
Pennsylvania				17.82		
Tennessee				17.94	17.94	8.00-20.00
Virginia				25.82		
Average or spread	3.05	3.95	2.00-5.00	17.43	17.28	6.00-30.00

LOCUST						
Florida				\$14.00	\$14.00	
Indiana				20.00	20.00	
Maryland				10.00		
Average or spread				17.24	19.93	\$10.00-\$20.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

ASPEN

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine.....	\$3.00	\$3.00				
Michigan.....	0.27		\$2.00-\$10.00	\$10.64	\$10.64	\$10.07-\$14.00
Minnesota.....	.65			11.75	11.75	11.75-13.00
Vermont.....				11.82	12.00	10.00-12.00
Wisconsin.....				15.91	15.91	12.77-20.00
Average or spread.....	2.75	3.00	.65-10.00	11.87	11.87	10.00-20.00

COTTONWOOD

Alabama.....				\$10.62	\$10.62	\$10.00-\$13.00
Arkansas.....	\$1.67	\$1.67		14.91	10.83	10.00-15.50
Georgia.....				16.43	16.43	
Indiana.....	5.00	5.00		33.21	15.00	15.00-270.00
Louisiana.....				12.58	12.20	7.00-14.50
Mississippi.....				10.15	11.75	7.50-14.50
Missouri.....	6.00			20.03	8.08	5.00-24.00
Ohio.....				17.71	20.00	10.00-30.00
Oregon.....	1.57		\$1.50-\$2.00	7.61	7.61	7.52-8.00
South Carolina.....	1.00			14.00	14.00	
Tennessee.....				14.61	14.61	8.00-15.00
Virginia.....				272.24		62.82-438.34
Washington.....				9.31	8.03	8.00-10.54
Average or spread.....	3.24	4.47	1.00-6.00	11.20	9.49	5.00-438.34

YELLOW POPLAR

Alabama.....	\$1.74	\$1.00	\$1.00-\$5.00	\$14.69	\$14.69	\$12.00-\$15.32
Arkansas.....				18.00	18.00	
Florida.....				16.91	16.91	16.75-18.00
Georgia.....	3.00	3.00		13.28	13.28	6.00-16.27
Illinois.....				20.53	15.00	15.00-29.80
Indiana.....	11.25	20.00	10.00-20.00	34.49	21.42	20.00-50.00
Kentucky.....	4.49	4.00	4.00-4.50	34.86	15.00	15.00-40.00
Maryland.....	5.06	10.00	4.00-10.00			
Massachusetts.....				8.00	8.00	
Mississippi.....				15.61	15.61	12.00-15.95
Missouri.....				6.00	6.00	
New Jersey.....	9.11	9.11	8.00-10.00	40.00		
New York.....				68.00		
North Carolina.....	4.51	3.80	3.00-5.00	23.59	12.00	10.00-32.32
Ohio.....	14.72	17.00	5.00-28.00	23.41	23.41	15.00-40.00
Pennsylvania.....	5.33	5.17	5.00-10.00	35.52	24.00	15.00-42.00
South Carolina.....				18.08	17.32	8.00-24.00
Tennessee.....	5.05	8.00	5.00-8.00	35.22	17.17	8.00-41.32
Virginia.....	8.25	3.15	1.50-10.00	15.81	13.27	0.00-28.50
West Virginia.....	7.75	5.00	5.00-10.00			
Wisconsin.....				38.00		25.00-70.00
Average or spread.....	5.69	5.62	1.00-28.00	24.27	15.05	5.00-70.00

BIRCH (SPECIES NOT REPORTED)

Arkansas.....				\$18.00	\$18.00	
Indiana.....				57.50		\$30.00-\$140.00
Maine.....	\$7.48	\$7.48	\$4.00-\$10.00	14.93	22.22	9.00-30.00
Massachusetts.....				17.17	17.17	8.00-20.00
Michigan.....	7.62	9.18	6.00-12.00	24.38	24.11	14.00-32.83
Minnesota.....	3.71	3.00	1.00-4.00	15.00	15.00	
Montana.....	2.60	2.60				
New Hampshire.....	0.63	0.63	4.00-12.00	30.23	20.17	18.00-61.60
New York.....	2.58	2.58	2.00-5.00	33.44	23.82	10.00-100.00
North Carolina.....				12.50		12.00-15.00
Ohio.....	4.00	4.00				
Pennsylvania.....	7.44	4.00	4.00-9.00	31.50	21.50	
Vermont.....	5.23	4.44	4.00-7.00	16.90	10.94	10.00-20.00
Washington.....				22.40	22.40	20.00-23.00
Wisconsin.....	4.47	5.00	3.00-5.00	26.13	19.63	8.00-51.00
Average or spread.....	5.74	5.41	1.00-12.00	24.85	22.05	8.00-140.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

ALDER						
State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Oregon.....	2.00	2.00	-----	\$14.30	\$14.30	\$9.00-\$16.87
Washington.....	1.50	1.50	-----	11.99	11.38	7.75- 16.00
Average or spread.....	1.50	1.50	\$1.50-\$2.00	12.80	13.01	7.75- 16.87
PECAN						
Tennessee.....	-----	-----	-----	\$14.82	\$14.82	\$10.00-\$15.00
HICKORY (SPECIES NOT REPORTED)						
Alabama.....	\$7.62	-----	-----	\$12.00	\$12.00	-----
Arkansas.....	-----	-----	-----	20.00	20.00	-----
Florida.....	8.81	-----	-----	-----	-----	-----
Illinois.....	3.00	\$2.00	-----	-----	-----	-----
Indiana.....	6.61	6.61	\$3.00-\$10.00	23.40	22.22	\$15.00-\$40.00
Kentucky.....	2.00	-----	-----	22.83	-----	-----
Louisiana.....	3.00	-----	-----	10.80	10.80	4.60- 18.00
Maryland.....	5.00	5.00	-----	-----	-----	-----
Mississippi.....	-----	-----	-----	21.00	-----	-----
Missouri.....	-----	-----	-----	11.00	11.00	6.00- 15.00
North Carolina.....	9.31	-----	1.00- 10.00	27.26	-----	21.50- 30.00
Ohio.....	6.61	8.62	3.00- 15.00	15.57	15.27	15.00- 20.00
Pennsylvania.....	5.78	4.85	3.00- 7.00	61.76	-----	30.00- 80.00
South Carolina.....	-----	-----	-----	30.00	30.00	-----
Tennessee.....	3.50	-----	-----	29.69	24.30	12.50- 33.65
Virginia.....	6.13	-----	-----	-----	-----	-----
West Virginia.....	3.00	-----	-----	-----	-----	-----
Wisconsin.....	-----	-----	-----	16.50	16.50	-----
Average or spread.....	6.89	7.20	1.00- 15.00	20.81	10.93	4.60- 80.00
CHERRY						
Indiana.....	-----	-----	-----	\$34.70	\$20.13	\$18.00-\$140.00
Massachusetts.....	-----	-----	-----	8.00	8.00	-----
Michigan.....	-----	-----	-----	21.58	21.58	10.00- 24.00
New York.....	\$4.11	\$4.11	\$4.00-\$5.00	28.53	22.19	12.00- 50.00
Ohio.....	10.00	10.00	-----	-----	-----	-----
Pennsylvania.....	-----	-----	-----	26.50	26.50	20.00- 30.00
Tennessee.....	-----	-----	-----	25.00	25.00	-----
Vermont.....	-----	-----	-----	20.00	-----	-----
Average or spread.....	5.00	5.00	4.00-10.00	26.74	22.66	8.00- 140.00
BASSWOOD						
Florida.....	-----	-----	-----	\$14.13	\$14.13	-----
Illinois.....	-----	-----	-----	15.00	15.00	-----
Indiana.....	\$8.00	\$8.00	-----	33.80	15.31	\$15.00-\$35.00
Kentucky.....	-----	-----	-----	34.38	-----	31.00- 38.50
Louisiana.....	-----	-----	-----	8.33	8.33	7.00- 9.00
Maine.....	-----	-----	-----	18.00	18.00	14.00- 20.00
Maryland.....	5.00	-----	-----	-----	-----	-----
Michigan.....	8.34	10.00	\$6.00-\$12.00	19.88	19.88	12.00- 25.88
Minnesota.....	-----	-----	-----	14.32	14.32	13.00- 16.00
Mississippi.....	-----	-----	-----	13.93	13.93	10.00- 14.57
New Hampshire.....	6.00	6.00	-----	-----	-----	-----
New York.....	4.17	4.17	4.00- 5.00	20.47	14.97	12.00- 55.00
Ohio.....	18.00	10.00	-----	23.99	25.34	15.00- 30.00
Pennsylvania.....	-----	-----	-----	25.00	25.00	-----
Tennessee.....	-----	-----	-----	14.00	14.00	-----
Vermont.....	3.27	3.27	3.00- 6.00	17.17	17.46	12.00- 25.00
Wisconsin.....	5.57	5.50	5.00- 8.00	26.84	20.91	8.00- 47.00
Average or spread.....	6.40	5.65	3.00- 18.00	21.55	20.14	7.00- 55.00

TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

CHESTNUT

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Indiana.....				\$15.16	\$15.16	\$15.00-\$20.00
Kentucky.....				35.00		
Maryland.....	\$3.09	\$3.50	\$3.00-\$5.00			
Massachusetts.....				8.00	8.00	
New York.....	3.00	3.00		26.78	10.29	10.00-50.00
North Carolina.....	1.73		1.50-4.00			
Ohio.....	8.85	11.31	2.00-17.00	16.27	16.85	5.00-35.00
Pennsylvania.....	3.51	3.51	2.00-8.00	8.34	9.43	8.00-12.00
Tennessee.....				13.39	13.39	11.50-15.00
Virginia.....	1.07		1.00-4.00	10.67		
West Virginia.....	5.00					
Average or spread.....	3.55	5.60	1.00-17.00	12.69	14.19	8.00-50.00

BEECH

Alabama.....				\$12.00	\$12.00	
Florida.....				13.00	13.00	
Indiana.....	\$5.82	\$7.31	\$3.00-\$10.00	17.59	16.98	\$13.97-\$30.00
Kentucky.....	2.00			14.76	14.76	6.50-15.00
Louisiana.....	1.20			8.20	8.20	6.78-9.00
Maine.....				18.00	18.00	
Massachusetts.....				16.00	16.00	
Michigan.....	4.55	12.00	4.00-12.00	15.39	15.88	10.00-19.75
New Hampshire.....				18.00		
New York.....	3.50	3.00	2.75-8.00	19.37	18.03	10.00-40.00
North Carolina.....				15.00		
Ohio.....	4.64	4.14	2.00-10.00	9.76	9.76	8.00-10.00
Pennsylvania.....	4.64	5.00	4.00-5.00	20.34	13.31	6.00-21.30
Tennessee.....	2.00			16.28	16.28	10.00-20.00
Vermont.....	2.00	2.00		14.76	10.67	10.00-18.00
Virginia.....				53.50		
West Virginia.....	5.00					
Wisconsin.....				20.40	17.33	17.00-25.00
Average or spread.....	4.12	4.20	1.20-12.00	17.83	16.08	6.50-53.50

HACKBERRY

Arkansas.....				\$17.80	\$17.80	
Indiana.....				18.00	18.00	
Average or spread.....				17.80	17.80	\$17.80-\$18.00

MAGNOLIA

Alabama.....				\$10.00	\$10.00	
Florida.....				15.07	15.07	\$14.78-\$10.78
Georgia.....				18.78	18.78	
Louisiana.....	\$2.43			14.05	14.05	6.00-10.00
Mississippi.....				14.84	14.84	8.00-15.18
Average or spread.....	2.43			15.36	15.36	6.00-18.78

PERSIMMON

Florida.....				\$14.00	\$14.00	
Tennessee.....				27.00	27.00	
Average or spread.....				23.75	23.75	\$14.00-\$27.00

BUCKEYE

Tennessee.....				\$9.00	\$9.00	
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TABLE 6.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1931—Continued

ALL SPECIES

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$6.03	\$1.99	\$1.00- \$9.00	\$13.44	\$13.77	\$10.00-\$60.00
Arkansas.....	4.93	6.01	1.07- 12.00	15.30	16.08	7.00- 85.00
Connecticut.....	5.98	5.98	5.00- 10.00			
Delaware.....	14.00			15.00	18.00	
Florida.....	5.69		2.00- 9.81	17.57	18.25	13.00- 29.42
Georgia.....	2.55	2.35	2.00- 4.00	14.76	17.20	0.00- 27.78
Illinois.....	18.46	3.14	2.00- 40.02	44.01	20.35	5.00- 85.00
Indiana.....	13.07	14.75	3.00- 75.00	45.26	28.28	10.00-300.00
Iowa.....	2.00			46.22	8.00	8.00-150.00
Kansas.....				89.28	85.21	85.21-165.00
Kentucky.....	4.93	4.33	2.00- 20.00	28.21	20.73	6.50-215.00
Louisiana.....	2.63	2.44	1.18- 10.00	12.15	12.80	4.60- 20.34
Maine.....	5.28	5.22	3.00- 15.00	16.39	20.31	9.00- 30.00
Maryland.....	3.08	6.19	2.00- 12.00	135.25		10.00-175.00
Massachusetts.....	5.45	5.45	4.00- 9.38	19.84	20.24	6.00-115.00
Michigan.....	7.61	7.77	.67- 25.00	20.89	20.96	10.00-160.00
Minnesota.....	2.89	3.00	.65- 4.00	12.04	12.51	11.75- 15.00
Mississippi.....	4.46	1.74	1.00- 12.00	13.85	14.29	5.00- 35.00
Missouri.....	13.69	10.14	1.25-100.00	25.80	25.63	4.00-200.00
Montana.....	2.69	2.60				
New Hampshire.....	8.78	8.75	4.00- 12.00	35.80	18.23	12.00- 61.60
New Jersey.....	10.85	11.60	8.00- 15.00	37.52	30.00	30.00- 40.00
New York.....	4.37	4.57	2.00- 20.00	28.04	20.36	6.00-234.57
North Carolina.....	3.54	4.10	1.00- 10.00	17.92	12.06	9.00-100.00
Ohio.....	5.80	9.85	2.00- 50.00	55.36	57.54	8.00-130.00
Oklahoma.....	2.09	2.00	1.50- 2.50	17.09	17.09	7.00- 17.47
Oregon.....	1.77	2.00	1.50- 3.51	11.41	11.33	7.52- 47.23
Pennsylvania.....	5.73	5.15	1.96- 12.00	24.71	17.17	5.00- 80.00
Rhode Island.....	5.75	5.75	5.00- 6.00			
South Carolina.....	3.93		1.00- 4.51	15.35	16.17	5.15- 30.00
Tennessee.....	4.70	4.40	1.50- 10.00	18.75	10.87	6.00-245.00
Texas.....	3.29	2.43	2.00- 8.00	11.38	11.38	10.00- 13.00
Vermont.....	11.03	3.53	2.00- 35.00	23.45	17.02	10.00- 50.00
Virginia.....	4.50	3.97	1.00- 20.00	20.25	36.87	8.00-173.76
Washington.....	1.50	1.50		14.00	11.16	7.75-175.00
West Virginia.....	5.61	3.56	2.50- 10.00			
Wisconsin.....	5.02	5.50	3.00- 9.00	25.24	19.25	8.00-150.00
Average or spread.....	5.72	7.45	.65-100.00	20.58	18.83	4.00-473.76

TABLE 7.—Prices per thousand feet board measure of hardwood stumpage and logs, flat-rate sales, by States, 1931

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$2.79		\$2.25-\$4.00	\$13.45	\$15.00	\$12.00-\$15.00
Arkansas.....	4.00			11.80	11.80	5.00- 13.25
Connecticut.....	5.00	\$5.00				
Delaware.....				25.00		
Florida.....	1.68					
Georgia.....	4.00	4.00		13.04	22.67	13.00- 22.60
Illinois.....	2.57			12.00		
Indiana.....	5.61	2.38	1.00-19.67	14.58	13.50	13.50- 30.00
Kentucky.....	4.43	5.38	4.00-10.00	10.74		
Louisiana.....	5.32	4.75	3.00- 5.71	10.06	10.06	6.00- 16.23
Maine.....	5.04	3.25	3.00- 6.00			
Maryland.....	7.05		6.00- 9.00			
Massachusetts.....	8.13	8.13	6.15-11.03			
Michigan.....	3.68	6.38	4.00- 6.05			
Minnesota.....	4.00			22.38	22.38	
Mississippi.....	5.00			16.11	17.55	10.00- 19.00
Missouri.....	3.41					
New Hampshire.....	4.24	3.33	3.33- 4.50	17.74	10.00	10.00- 27.00
New Jersey.....	10.00	10.00				
New York.....	6.10	3.01	3.00- 8.00	21.00	21.00	
North Carolina.....	3.03	4.00		16.85	16.80	15.00- 17.00

TABLE 7.—Prices per thousand feet board measure of hardwood stumpage and logs, flat-rate sales, by States, 1931—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Ohio.....	\$5.80	\$5.69	\$2.00-\$15.00	\$23.82	\$19.77	\$15.00-\$30.00
Pennsylvania.....	5.07	4.99	2.00- 10.00	15.89	15.89	18.11
South Carolina.....						
Tennessee.....	5.59	5.59	4.35- 8.00	20.54	20.54	12.00- 22.50
Vermont.....	4.60	4.25	4.00- 6.00	18.26	15.38	12.00- 25.00
Virginia.....	3.89	1.60	1.60- 4.50	17.00	17.00	
West Virginia.....	3.99	3.98	2.00- 6.00	15.20	15.20	11.50- 18.00
Wisconsin.....				16.87	17.03	10.00- 22.00
Average or spread.....	4.22	4.08	1.00- 19.67	16.02	16.98	5.00- 30.00

TABLE 8.—Prices per thousand feet board measure of hardwood stumpage and logs, all sales, by States, 1931

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$5.15	\$1.99	\$1.00-\$9.00	\$13.44	\$13.81	\$10.00-\$50.00
Arkansas.....	4.03	6.04	1.67- 12.00	14.99	15.92	5.00- 85.00
Connecticut.....	5.75	5.75	5.00- 10.00			
Delaware.....	14.00			24.98	18.00	18.00- 25.00
Florida.....	4.00		1.68- 9.81	17.57	18.28	13.00- 29.42
Georgia.....	2.78	3.49	2.00- 4.00	14.55	17.26	6.00- 27.78
Illinois.....	15.17	3.14	2.00- 40.02	24.53	29.35	5.00- 85.00
Indiana.....	11.97	13.01	1.00- 75.00	44.29	27.45	10.00- 300.00
Iowa.....	2.00			46.22	8.00	8.00- 150.00
Kansas.....				59.28	85.21	85.21- 165.00
Kentucky.....	4.44	4.58	2.00- 20.00	25.68	20.73	6.50- 215.00
Louisiana.....	3.11	3.28	1.18- 10.00	11.92	12.21	4.00- 20.34
Maine.....	5.58	5.19	3.00- 15.00	16.39	20.31	9.00- 39.00
Maryland.....	3.77	6.19	2.00- 12.00	135.25		10.00- 175.00
Massachusetts.....	7.23	7.23	4.00- 11.03	19.84		6.00- 115.00
Michigan.....	7.20	6.83	.67- 25.00	20.89	20.96	10.00- 160.00
Minnesota.....	3.58	3.00	.65- 4.00	15.86	15.88	11.75- 22.38
Mississippi.....	4.55	1.74	1.00- 12.00	14.59	15.31	5.00- 35.00
Missouri.....	12.78	19.14	1.25- 100.00	25.80	25.63	4.00- 200.00
Montana.....	2.60	2.60				
New Hampshire.....	4.33	5.52	3.38- 12.00	19.35	14.59	10.00- 61.60
New Jersey.....	10.67	11.12	8.00- 15.00	37.52	30.09	30.00- 40.00
New York.....	5.33	4.33	2.00- 20.00	27.90	20.47	0.00- 234.57
North Carolina.....	3.35	4.07	1.00- 10.00	17.84	13.75	9.00- 100.00
Ohio.....	7.99	9.25	2.00- 50.00	54.15	56.50	8.00- 130.00
Oklahoma.....	2.09	2.00	1.69- 2.59	17.09	17.09	7.00- 17.47
Oregon.....	1.77	2.00	1.50- 3.51	11.41	11.33	7.52- 47.26
Pennsylvania.....	5.36	5.00	1.96- 12.00	22.47	16.28	6.00- 80.00
Rhode Island.....	5.75	5.75	5.00- 6.00			
South Carolina.....	3.93		1.00- 4.51	15.71	16.17	5.15- 30.00
Tennessee.....	4.78	4.55	1.89- 10.00	18.87	17.17	6.00- 245.00
Texas.....	3.29	2.43	2.00- 5.00	11.38	11.38	10.00- 13.00
Vermont.....	5.25	4.17	2.00- 35.00	21.64	16.59	10.00- 50.00
Virginia.....	4.46	3.86	1.00- 20.00	29.23	35.59	8.00- 473.78
Washington.....	1.50	1.50		14.00	11.18	7.75- 175.00
West Virginia.....	4.00	3.98	2.00- 10.00	15.20	15.20	11.50- 18.00
Wisconsin.....	5.02	5.50	3.00- 9.00	24.05	18.81	8.00- 150.00
Average or spread.....	4.63	4.61	.65- 100.00	20.12	18.61	4.00- 473.76

TABLE 9.—Prices per thousand feet board measure of mixed hardwood and softwood stumpage and logs, flat-rate sales, by States, 1931

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$6.45	\$3.95	\$1.00-\$8.00	\$14.05	\$14.65	\$7.50-\$15.00
Arkansas.....	4.18	3.81	2.00- 6.00	11.00	11.00	5.00- 15.00
Connecticut.....	4.73	4.41	3.50- 0.00			
Delaware.....	5.17					
Florida.....	2.00					
Georgia.....	3.75	1.85	.75- 5.00	8.00	8.00	
Kentucky.....	2.00	2.00				
Louisiana.....	4.20		2.00- 7.50	15.57	15.57	10.00- 17.85
Maine.....				16.46	16.46	14.00- 17.00
Maryland.....	4.10	4.10	3.00-10.00			
Massachusetts.....	7.20	7.20	3.00-12.00	10.00	10.00	
Michigan.....	5.59		3.40-10.00	10.73	10.73	
Mississippi.....				14.71	14.71	8.95- 18.33
Missouri.....	2.14	2.14	2.00- 3.00	9.62	9.62	6.50- 10.00
New Hampshire.....	4.36	4.36	3.00- 5.10			
New York.....	6.82	8.41	4.00-15.00	19.47	19.47	19.25- 20.00
North Carolina.....	3.02	2.83	1.50- 5.83	10.37	10.37	10.00- 10.50
Ohio.....				15.00	15.00	
Pennsylvania.....	4.77	5.25	.95-10.50	20.00	20.00	
Rhode Island.....	4.00	4.00				
South Carolina.....	3.24	3.00	1.91- 4.00	14.45	14.50	5.60- 14.50
Tennessee.....	6.55	7.26	1.50-19.00	27.83	27.15	10.00- 34.55
Texas.....	3.37	2.00	2.00- 3.50			
Vermont.....	4.51	4.52	1.00- 7.50	14.50	14.50	14.00- 16.00
Virginia.....	3.41	3.33	.67- 6.67	9.90	10.46	9.00- 12.50
West Virginia.....	3.07	2.17	1.50- 5.00			
Wisconsin.....	3.61	1.75	1.75- 5.63	14.00		
Average or spread.....	4.68	4.09	.67-19.00	14.98	14.91	5.00- 34.55

TABLE 10.—Prices of stumpage, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1931

State	Individual sales				Flat-rate sales						Total sales						
	Softwoods		Hardwoods		Softwoods		Hardwoods		Mixed		Softwoods		Hardwoods		Aggregate		Price range, all sales
	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	
Alabama	\$3.89	\$4.07	\$6.03	\$1.99			\$2.79		\$6.45	\$3.95	\$3.89	\$4.07	\$5.16	\$1.99	\$4.40	\$4.05	\$0.60-\$17.62
Arizona	2.19	2.00									2.19	2.00			2.19	2.00	2.00-2.50
Arkansas	3.14	2.89	4.03	6.04			4.00		4.16	3.81	3.14	2.89	4.03	6.04	3.28	3.05	1.00-12.00
California	3.40	1.90			\$1.51	\$1.35					3.01	1.36			3.01	1.36	.50-5.00
Colorado	2.55	2.44			2.15						2.54	2.44			2.54	2.44	1.50-3.00
Connecticut	4.73	4.73	5.98	5.98			5.00	\$5.00	4.73	4.41	4.73	4.73	5.75	5.75	4.96	4.86	3.50-10.00
Delaware	4.15	4.00	14.00						5.17		4.15	4.00	14.00		4.62	4.00	4.00-14.00
Florida	5.77	3.29	5.69						1.68	2.00	5.77	3.29	4.00		5.72	3.29	1.50-14.67
Georgia	3.19	2.99	2.55	2.35			4.00	4.00	3.75	1.85	3.19	2.99	2.78	3.49	3.31	2.82	.75-10.00
Idaho	2.75	5.53			.94						2.39	5.53			2.39	5.53	.50-7.00
Illinois			18.46	3.14			2.57						15.17	3.14	15.17	3.14	2.00-40.02
Indiana			13.67	14.75			5.61	2.38					11.97	13.01	11.97	13.01	1.00-75.00
Iowa			2.00										2.00		2.00		
Kentucky			4.93	4.33			4.43	5.38	2.00	2.00			4.44	4.58	4.43	4.58	2.00-20.00
Louisiana	4.01	3.57	2.63	2.44			5.32	4.75	4.26		4.01	3.57	3.11	3.28	3.96	3.56	1.18-10.00
Maine	7.80	7.37	5.28	5.22	4.72	4.72	5.94	3.25			7.75	7.32	5.58	5.19	7.51	7.16	1.00-15.00
Maryland	4.24	4.18	3.68	6.19			7.65		4.10	4.10	4.24	4.18	3.77	6.19	3.86	4.36	2.00-12.00
Massachusetts	7.14	7.28	5.45	5.45			8.13	8.13	7.29	7.29	7.14	7.28	7.23	7.23	7.17	7.28	2.50-12.00
Michigan	2.51	2.19	7.61	7.77			5.68	6.38	5.50		2.51	2.19	7.20	6.83	5.66	5.91	.67-25.00
Minnesota	5.16	4.61	2.80	3.00			4.00				5.16	4.61	3.58	3.00	4.63	4.57	.65-8.00
Mississippi	2.95	2.84	4.48	1.74			5.00				2.95	2.84	4.55	1.74	3.46	2.82	.63-12.00
Missouri	1.97	1.97	13.69	19.14			3.41		2.14	2.14	1.97	1.97	12.78	19.14	10.18	12.82	1.00-100.00
Montana	1.45	1.50	2.60	2.60	2.38						1.79	1.50	2.60	2.60	1.79	1.87	.25-5.00
New Hampshire	5.25	5.18	8.76	8.76	2.63	2.63	4.24	3.33	4.36	4.36	5.14	4.94	4.83	5.52	4.97	4.86	1.00-12.00
New Jersey			10.85	11.50			10.00	10.00					10.67	11.12	10.67	11.12	8.00-15.00
New Mexico	2.19				2.13						2.18				2.18		1.00-3.00
New York	6.23	6.23	4.37	4.57			6.10	3.91	6.82	8.41	6.23	6.23	5.33	4.33	5.84	5.32	2.00-20.00
North Carolina	2.82	2.76	3.54	4.10			3.03	4.00	3.02	2.83	2.82	2.76	3.35	4.07	3.04	2.79	.50-10.00
Ohio	10.00	10.00	8.80	9.85			5.86	5.69			10.00	10.00	7.99	9.25	8.00	9.26	2.00-50.00
Oklahoma	1.76	1.46	2.09	2.00							1.76	1.46	2.09	2.00	1.81	1.47	1.28-4.58
Oregon	2.46	1.33	1.77	2.00	1.29						2.12	1.33	1.77	2.00	2.12	1.33	.23-13.00
Pennsylvania	5.28	5.23	5.73	5.15			5.07	4.90	4.77	5.25	5.28	5.23	5.36	5.00	5.21	5.07	.95-13.95
Rhode Island	5.01	5.01	5.75	5.75					4.00	4.00	5.01	5.01	5.75	5.75	5.12	5.12	4.00-8.00
South Carolina	3.57	3.57	3.03						3.20	3.00	3.57	3.57	3.03		3.47	3.57	.50-6.75
Tennessee	4.34	2.93	4.70	4.40			5.59	5.59	6.55	7.26	4.34	2.93	4.78	4.55	4.79	4.23	1.50-19.00
Texas	2.89	2.74	3.29	2.43					3.37	2.00	2.89	2.74	3.29	2.43	2.94	2.73	1.50-5.00
Vermont	7.08	7.13	11.03	3.53			4.60	4.25	4.51	4.52	7.08	7.13	5.25	4.17	5.68	5.40	1.00-35.00
Virginia	3.34	3.30	4.50	3.97			3.89	1.60	3.41	3.33	3.34	3.30	4.40	3.86	3.55	3.39	.67-20.00

Washington.....	2.49	2.02	1.50	1.50	2.69	1.33					2.52	1.89	1.50	1.50	2.52	1.89	.25- 5.00
West Virginia.....	3.00		5.61	3.56			3.99	3.08	3.07	2.17	3.00		4.00	3.08	3.98	3.96	1.50- 10.00
Wisconsin.....	2.37	2.00	5.02	5.50					3.61	1.75	2.37	2.00	5.02	5.50	3.57	3.13	1.75- 10.00
Wyoming.....	2.50										2.50				2.50		
Average or spread.....	3.08	3.54	5.72	7.45	1.74	1.38	4.22	4.08	4.68	4.09	2.84	2.98	4.63	4.61	3.13	3.56	.23-100.00

TABLE 11.—Prices of logs, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1931

State	Individual sales				Flat-rate sales						Total sales						
	Softwoods		Hardwoods		Softwoods		Hardwoods		Mixed		Softwoods		Hardwoods		Aggregate		
	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	Price range, all sales
Alabama.....	\$10.91	\$10.91	\$13.44	\$13.77	-----	-----	\$13.45	\$15.00	\$14.65	\$14.65	\$10.91	\$10.91	\$13.44	\$13.81	\$12.21	\$12.30	\$5.00-\$60.00
Arizona.....	10.00	10.00	-----	-----	-----	-----	-----	-----	-----	-----	10.00	10.00	-----	-----	10.00	10.00	-----
Arkansas.....	9.41	9.41	15.30	16.08	-----	-----	11.80	11.80	11.00	11.00	9.41	9.41	14.99	15.92	13.13	12.64	5.00-85.00
California.....	14.06	14.08	-----	-----	\$6.12	\$6.12	-----	-----	-----	-----	13.99	14.01	-----	-----	13.99	14.01	5.00-15.64
Colorado.....	9.44	9.44	-----	-----	-----	-----	-----	-----	-----	-----	9.44	9.44	-----	-----	9.44	9.44	8.00-10.00
Delaware.....	7.50	7.50	18.00	18.00	-----	-----	25.00	-----	-----	-----	7.50	7.50	24.98	18.00	24.72	9.25	7.50-25.00
Florida.....	18.11	20.76	17.57	18.28	-----	-----	-----	-----	-----	-----	18.11	20.76	17.57	18.28	17.79	19.20	4.00-29.42
Georgia.....	15.33	15.33	14.76	17.26	-----	-----	13.04	22.67	8.00	8.00	15.33	15.33	14.55	17.26	14.05	15.83	6.00-27.78
Idaho.....	14.93	15.85	-----	-----	9.98	9.98	-----	-----	-----	-----	14.07	14.38	-----	-----	14.07	14.38	5.00-21.00
Illinois.....	-----	-----	44.01	20.35	-----	-----	12.00	-----	-----	-----	-----	-----	24.53	20.35	24.53	20.35	5.00-85.00
Indiana.....	120.00	-----	45.26	28.28	-----	-----	14.58	13.50	-----	-----	120.00	-----	44.29	27.45	44.30	27.45	10.00-300.00
Iowa.....	-----	-----	46.22	8.00	-----	-----	-----	-----	-----	-----	-----	-----	46.22	8.00	46.22	8.00	8.00-150.00
Kansas.....	-----	-----	89.28	85.21	-----	-----	-----	-----	-----	-----	-----	-----	89.28	85.21	89.28	85.21	85.21-165.00
Kentucky.....	26.00	-----	28.21	20.73	-----	-----	19.74	-----	-----	-----	26.00	-----	25.68	20.73	25.68	20.73	6.50-215.00
Louisiana.....	12.12	12.12	12.15	12.80	-----	-----	10.96	10.96	15.57	15.57	12.12	12.12	11.92	12.21	12.88	13.09	4.60-20.34
Maine.....	19.15	18.69	16.39	20.31	13.61	13.61	-----	-----	16.46	16.46	18.98	18.50	15.39	20.31	18.91	18.51	6.00-30.00
Maryland.....	-----	-----	135.25	-----	-----	-----	-----	-----	-----	-----	-----	-----	135.25	-----	135.25	-----	10.00-175.00
Massachusetts.....	15.10	13.62	19.84	20.24	15.00	15.00	-----	-----	10.00	10.00	15.10	13.78	19.84	-----	15.48	14.85	6.00-115.00
Michigan.....	16.38	15.61	20.89	20.96	-----	-----	-----	-----	10.73	19.73	16.38	15.51	20.89	20.96	20.38	20.40	10.00-160.00
Minnesota.....	21.45	21.38	12.64	12.54	-----	-----	22.38	22.38	-----	-----	21.45	21.38	15.86	15.88	19.70	19.64	7.00-30.00
Mississippi.....	10.83	10.83	13.85	14.29	-----	-----	16.11	17.65	14.71	14.71	10.83	10.83	14.59	15.31	13.29	13.43	5.00-35.00
Missouri.....	9.76	9.30	25.80	25.63	-----	-----	-----	-----	9.62	9.62	9.76	9.30	25.80	25.63	19.74	17.51	4.00-200.00
Montana.....	15.69	11.76	-----	-----	11.22	11.22	-----	-----	-----	-----	15.01	11.65	-----	-----	15.01	11.65	10.00-31.00
New Hampshire.....	13.19	12.75	35.89	18.23	-----	-----	17.74	10.00	-----	-----	13.19	12.75	19.35	14.59	15.60	12.94	6.00-61.60
New Jersey.....	-----	-----	37.52	30.00	-----	-----	-----	-----	-----	-----	-----	-----	37.52	30.00	37.52	30.00	30.00-40.00
New Mexico.....	16.00	16.00	-----	-----	-----	-----	-----	-----	-----	-----	16.00	16.00	-----	-----	16.00	16.00	-----
New York.....	18.41	17.38	28.04	20.36	16.00	16.00	21.00	21.00	19.47	19.47	18.38	17.80	27.90	20.47	27.34	19.73	6.00-234.57
North Carolina.....	10.59	10.08	17.92	12.00	-----	-----	16.89	16.86	10.37	10.37	10.59	10.68	17.84	13.78	12.67	10.88	4.75-100.00
Ohio.....	-----	-----	55.36	57.54	-----	-----	23.82	19.77	15.00	15.00	-----	-----	54.15	56.60	54.06	56.50	8.00-130.00
Oklahoma.....	10.75	10.75	17.09	17.09	-----	-----	-----	-----	-----	-----	10.75	10.75	17.09	17.09	12.39	12.39	6.00-25.00
Oregon.....	11.43	11.11	11.41	11.33	9.39	9.39	-----	-----	-----	-----	11.40	11.08	11.41	11.33	11.40	11.09	8.15-33.00
Pennsylvania.....	20.24	19.91	24.71	17.17	-----	-----	15.89	15.89	20.00	20.00	20.24	19.91	22.47	16.28	22.30	16.61	6.00-80.00
South Carolina.....	10.49	10.47	15.35	16.17	-----	-----	18.11	-----	14.45	14.50	10.49	10.47	15.71	16.17	13.54	13.42	6.15-30.00
South Dakota.....	17.00	17.00	-----	-----	-----	-----	-----	-----	-----	-----	17.00	17.00	-----	-----	17.00	17.00	-----
Tennessee.....	13.13	13.08	18.75	16.87	-----	-----	20.54	20.54	27.83	27.15	13.13	13.08	18.87	17.37	19.31	17.79	6.00-245.00
Texas.....	10.54	10.35	11.38	11.38	-----	-----	-----	-----	-----	-----	10.54	10.35	11.38	11.38	10.69	10.54	4.00-17.00
Utah.....	7.00	7.00	-----	-----	-----	-----	-----	-----	-----	-----	7.00	7.00	-----	-----	7.00	7.00	-----
Vermont.....	15.24	14.73	23.45	17.02	20.30	15.00	18.26	15.38	14.50	14.50	18.69	14.85	21.64	16.50	20.04	15.66	10.00-50.00

Virginia.....	12.19	10.99	20.25	36.87	-----	-----	17.00	17.00	9.90	10.46	12.19	10.99	20.23	35.59	17.59	16.07	5.00-473.76
Washington.....	10.97	10.93	14.00	11.16	11.68	11.20	-----	-----	-----	-----	11.04	10.95	14.00	11.16	11.05	10.95	1.60-175.00
West Virginia.....	-----	-----	-----	-----	-----	-----	15.20	15.20	-----	-----	-----	-----	15.20	15.20	15.20	15.20	11.50-18.00
Wisconsin.....	15.77	17.08	25.24	19.25	13.00	13.00	16.87	17.03	14.00	-----	15.77	17.67	24.05	18.81	18.99	18.40	8.00-150.00
Average or spread.....	11.44	11.11	20.58	18.83	11.61	11.12	16.92	16.98	14.98	14.91	11.45	11.11	20.12	18.61	12.44	11.78	1.60-473.76

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TABLE 12.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1931

REGION 0—NORTHEASTERN

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Northern white pine.....	\$0.60	\$0.53	\$2.00-\$14.00	\$17.09	\$18.24	\$0.00-\$35.00
Pitch pine.....	5.00	5.00				
Eastern spruce.....	7.92	7.14	1.00-10.00	17.41	15.57	8.00-24.00
Eastern hemlock.....	4.34	4.25	1.00-9.00	15.04	13.29	8.00-30.00
Balsam fir.....	6.89	5.70	3.50-10.00	21.55	10.21	10.00-24.00
Northern white cedar.....	8.74	7.51	7.00-10.00	13.07	11.22	10.00-25.00
Individual softwoods.....	6.75	6.51	1.00-15.00	17.09	17.39	6.00-35.00
Flat-rate softwoods.....	3.03	3.03	1.25-5.00	19.01	14.51	6.00-25.00
Total softwoods.....	6.61	6.36	1.00-15.00	17.29	17.17	6.00-35.00
Oak 1.....	5.08	5.78	4.00-10.00	18.23	18.20	12.00-60.00
Red oak.....	6.15	5.99	5.00-15.00	17.48	18.60	12.00-40.00
White oak.....	7.00			16.15	25.00	12.00-25.00
Soft maple.....				17.83		15.00-25.00
Hard maple.....	5.85		5.00-20.00	21.51	20.33	17.00-35.00
Maple 1.....	6.83	6.46	2.00-12.00	25.80	20.27	6.00-234.57
Elm 1.....	3.86	3.86	2.75-8.00	30.02	20.65	6.00-45.00
Ash.....	17.42	7.68	5.00-35.00	52.67	21.25	12.00-60.00
Black walnut.....				150.00		
Aspen.....	3.00	3.00		11.82	12.00	10.00-12.00
Yellow poplar.....				62.34	8.00	8.00-65.00
Birch 1.....	6.24	6.22	2.00-12.00	24.71	18.53	8.00-100.00
Cherry.....	4.11	4.11	4.00-5.00	28.37	21.86	8.00-50.00
Basswood.....	4.19	4.19	3.00-6.00	24.93	16.93	12.00-55.00
Chestnut.....	3.00	3.00		24.74	17.72	8.00-50.00
Beech.....	3.46	3.46	2.00-8.00	18.46	18.01	10.00-40.00
Individual hardwoods.....	5.33	5.20	2.00-35.00	26.86	19.02	6.00-234.57
Flat-rate hardwoods.....	5.37	4.30	3.00-11.00	18.11	16.46	10.00-27.00
Total hardwoods.....	5.35	4.80	2.00-35.00	25.10	18.46	6.00-234.57
Flat-rate mixed.....	5.57	5.12	1.00-15.00	14.37	14.37	10.00-20.00
Average or spread.....	6.17	6.00	1.00-35.00	20.55	17.30	6.00-234.57

REGION 1—NORTH ATLANTIC

Northern white pine.....	\$8.64	\$8.63	\$8.00-\$13.55	\$28.00	\$28.00	.....
Shortleaf pine.....	4.27	4.17	3.50-6.00	7.50	7.50	
Eastern hemlock.....	3.67	3.34	3.00-8.00	18.09	17.30	\$14.61-\$23.71
Individual softwoods.....	5.04	4.97	3.00-13.95	16.38	15.91	7.50-28.00
Total softwoods.....	5.04	4.97	3.00-13.95	16.38	15.91	7.50-28.00
Oak 1.....	5.75	5.54	1.90-15.00	19.45	18.77	15.00-25.00
Red oak.....	4.58	5.15	2.00-10.00	33.36	23.68	20.00-55.00
White oak.....	6.20	5.44	4.50-12.00	13.74	8.00	6.00-80.00
Soft maple.....	4.00			13.00	15.00	6.00-20.00
Hard maple.....	5.00			15.00	15.00	10.00-25.00
Maple 1.....	3.01	7.13	2.00-10.00	25.08	18.37	8.00-30.78
Elm 1.....				8.34	14.00	8.00-14.00
Ash.....	5.00			52.75	28.67	25.00-55.00
Black walnut.....	12.00			175.00		
Red gum.....	6.16	6.16	3.52-8.00	17.62		
Sycamore.....				17.82		
Locust.....				10.00		
Yellow poplar.....	6.90	7.02	4.00-10.00	38.35	24.00	15.00-42.00
Birch 1.....	7.44	4.00	4.00-9.00	21.50	21.50	
Hickory.....	5.55	4.91	3.00-7.00	61.76		30.00-80.00
Cherry.....				26.50	26.50	20.00-30.00
Basswood.....	5.00			25.00	25.00	
Chestnut.....	3.25	3.51	2.00-8.00	8.34	9.43	8.00-12.00
Beech.....	4.64	5.00	4.00-5.00	20.34	13.31	6.00-21.80
Individual hardwoods.....	5.00	5.54	1.90-15.00	27.51	17.40	6.00-80.00
Flat-rate hardwoods.....	5.15	4.95	2.00-10.00	20.47	15.80	15.80-25.00
Total hardwoods.....	5.12	5.19	1.90-15.00	24.72	16.38	6.00-80.00
Flat-rate mixed.....	4.67	4.60	.95-10.50	20.00	20.00	.....
Average or spread.....	5.01	5.22	.95-15.00	24.54	16.61	6.00-80.00

1 Species not reported.

TABLE 12.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1931—Continued

REGION 2—LAKE

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Norway pine.....	\$7.18	\$6.50	\$6.00-\$8.00	\$17.48	\$17.30	\$13.00-\$55.83
Jack pine.....	3.88	4.42	3.00-5.00	17.63	14.45	7.00-20.00
Northern white pine.....	0.50	7.20	1.00-10.00	21.64	21.58	11.75-30.00
Tamarack.....	2.04	2.00	2.00-3.00	21.27	17.94	13.00-28.00
Eastern spruce.....	4.09	2.10	1.00-6.00	17.34	18.23	12.71-22.50
Eastern hemlock.....	1.59	2.01	1.00-4.00	15.36	15.08	10.00-20.00
Balsam fir.....	2.03	2.03	1.00-3.00	12.77	14.26	10.00-21.50
Northern white cedar.....	1.23	1.75	1.00-2.00	16.72	14.19	13.00-22.00
Individual softwoods.....	3.74	2.22	1.00-10.00	17.20	19.24	7.00-55.83
Flat-rate softwoods.....				13.00	13.00	
Total softwoods.....	3.74	2.22	1.00-10.00	17.20	19.24	7.00-55.83
Oak 1.....	4.25	6.00	4.00-6.00	20.77	17.00	14.00-75.00
Red oak.....	12.97	12.97	10.00-38.00	31.42	22.12	8.00-55.00
White oak.....	21.43	20.00	12.00-25.00	41.29	26.47	15.00-55.00
Soft maple.....	5.43	4.00	4.00-8.00	19.11	19.10	10.00-25.00
Hard maple.....	9.20	5.78	5.50-18.00	22.10	19.77	8.00-36.00
Maple 1.....	6.12	2.71	.67-25.00	21.28	21.33	9.00-160.00
Elm 1.....	8.51	13.05	5.00-14.00	19.47	19.08	8.00-28.00
Rock elm.....				32.95	10.14	10.00-60.00
Ash.....	7.87	4.00	4.00-8.00	20.96	19.47	8.00-39.00
Black walnut.....				135.12		25.00-150.00
Butternut.....				24.86	21.44	20.00-32.00
Aspen.....	2.09		.65-10.00	11.87	11.87	10.07-20.00
Yellow poplar.....				38.06		28.00-70.00
Birch 1.....	6.45	6.30	1.00-5.00	24.86	22.50	8.00-54.00
Hickory.....				10.50	10.50	
Cherry.....				21.58	21.58	16.00-24.00
Basswood.....	6.63	6.80	6.00-12.00	24.04	20.21	8.00-47.00
Beech.....	4.55	12.00	4.00-12.00	15.30	15.88	10.00-25.00
Individual hardwoods.....	6.50	6.08	.65-25.00	21.68	20.00	8.00-160.00
Flat-rate hardwoods.....	4.82	6.38	4.00-6.05	18.00	19.04	10.00-22.38
Total hardwoods.....	6.05	6.18	.65-25.00	21.48	19.07	8.00-160.00
Flat-rate mixed.....	5.09	1.75	1.75-10.00	18.37	19.73	14.00-10.73
Average or spread.....	5.03	4.01	.65-25.00	19.66	19.73	8.00-160.00

REGION 3—CENTRAL

Northern white pine.....	\$3.00			\$14.33	\$12.35	\$12.00-\$26.00
Shortleaf pine.....	3.06	\$2.50	\$1.00-\$5.00	9.64	8.01	5.00-10.00
Eastern hemlock.....	9.20	10.00	4.00-10.00	11.50	11.50	
Cypress.....				11.54	11.40	5.00-15.00
Eastern red cedar.....				19.48	19.22	17.00-120.00
Individual softwoods.....	4.03	2.81	1.00-10.00	11.43	12.03	5.00-120.00
Total softwoods.....	4.03	2.81	1.00-10.00	11.43	12.03	5.00-120.00
Oak 1.....	6.54	5.88	1.25-20.00	17.59	18.51	4.00-40.00
Willow.....				8.00	8.00	
Red oak.....	5.11	4.79	2.00-20.00	15.34	15.20	5.00-50.00
White oak.....	7.22	9.07	2.00-30.00	23.57	22.78	5.00-85.00
Soft maple.....	15.00	15.00		15.26	12.11	10.00-30.00
Hard maple.....	11.21	10.47	3.00-20.00	31.95	29.40	15.00-40.00
Maple 1.....	0.35	5.00	2.00-20.00	29.21	17.03	0.00-145.00
Elm 1.....	10.81	21.41	2.00-25.00	19.95	17.50	0.00-33.00
Rock elm.....				18.00	18.00	
Ash.....	25.80	20.71	5.00-40.00	29.96	30.33	12.00-70.00
Black walnut.....	40.38	46.51	5.00-100.00	88.03	72.20	20.00-300.00
Butternut.....				25.00		
Red gum.....	5.04	2.94	2.50-8.00	16.32	14.06	5.00-42.00
Tupelo gum.....				14.22	11.00	11.00-22.18
Black gum.....				14.53	14.27	8.00-20.00
Sycamore.....	3.95	3.95	2.00-5.00	17.93	17.81	6.00-30.00
Locust.....				20.00		
Cottonwood.....	5.95	5.00	5.00-6.00	17.97	14.64	5.00-275.00
Yellow poplar.....	8.69	9.90	4.00-28.00	34.55	17.96	6.00-50.00
Birch 1.....	4.00	4.00		57.50		30.00-140.00
Pecan.....				14.82	14.82	10.00-15.00

1 Species not reported.

TABLE 12.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1931—Continued

REGION 3—CENTRAL—Continued

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Hickory.....	\$5.00	\$7.42	\$2.00-\$15.00	\$27.73	\$22.91	\$6.00-\$40.00
Cherry.....	10.00	10.00	.....	34.20	26.00	18.00-140.00
Basswood.....	9.71	9.71	8.00-18.00	30.21	23.61	14.00-38.50
Chestnut.....	6.08	11.31	2.00-17.00	15.59	15.13	9.00-35.00
Beech.....	4.80	4.01	2.00-10.00	16.30	10.21	6.50-30.00
Hackberry.....	.....	.....	.....	18.00	18.00	.....
Persimmon.....	.....	.....	.....	27.00	27.00	.....
Buckeye.....	.....	.....	.....	9.00	9.00	.....
Individual hardwoods.....	0.25	10.79	1.25-100.00	27.28	23.15	4.00-300.00
Flat-rate hardwoods.....	4.14	4.00	1.00-10.67	17.00	18.32	11.50-30.00
Total hardwoods.....	4.67	4.55	1.00-100.00	25.07	22.07	4.00-300.00
Flat-rate mixed.....	3.74	2.63	1.50-10.00	21.69	20.85	6.50-34.55
Average or spread.....	4.04	4.50	1.00-100.00	24.85	21.95	4.00-300.00

REGION 4—NORTH CAROLINA PINE

Northern white pine.....	\$3.84	\$3.00	\$3.00-\$4.00	.....	.....	.....
Longleaf pine.....	2.44	2.00	2.00-6.00	\$15.22	\$13.50	\$13.50-\$16.50
Shortleaf pine.....	3.10	3.10	.50-11.00	10.26	10.00	5.00-18.00
Southern yellow pine ¹	3.49	3.51	1.20-6.75	11.22	11.38	4.75-15.64
Eastern hemlock.....	.....	.....	.....	11.30	.....	.....
Cypress.....	3.00	3.00	.....	15.00	13.22	11.00-22.00
Eastern red cedar.....	.....	.....	.....	20.00	20.00	.....
Individual softwoods.....	3.17	3.16	.50-11.00	10.85	10.66	4.75-22.00
Total softwoods.....	3.17	3.16	.50-11.00	10.85	10.66	4.75-22.00
Oak ¹	4.08	3.71	1.50-10.31	12.60	14.02	5.15-18.00
Red oak.....	4.35	4.35	2.50-7.00	13.50	13.40	9.00-24.00
White oak.....	5.32	4.52	3.00-10.00	21.69	12.32	8.50-34.00
Maple ¹	1.00	.....	.....	19.13	16.85	12.00-100.00
Elm ¹.....	.....	.....	.....	17.13	.....	12.00-18.00
Ash.....	3.00	.....	.....	24.19	.....	12.00-280.00
Black walnut.....	20.00	.....	.....	119.89	125.95	50.00-473.70
Red gum.....	3.03	1.55	1.00-5.00	10.41	13.80	8.00-28.37
Tupelo gum.....	.....	.....	.....	10.89	15.00	12.00-22.75
Black gum.....	.....	.....	.....	14.31	14.48	10.00-14.58
Sycamore.....	.....	.....	.....	18.84	.....	12.00-25.82
Cottonwood.....	1.00	.....	.....	38.73	14.00	14.00-138.34
Yellow poplar.....	5.09	3.22	1.50-10.00	21.85	14.28	0.00-32.32
Birch ¹.....	.....	.....	.....	12.50	.....	12.00-15.00
Hickory.....	8.25	.....	1.00-10.00	27.30	30.00	21.50-30.00
Chestnut.....	1.81	.....	1.00-4.00	16.67	.....	.....
Beech.....	.....	.....	.....	20.50	.....	15.00-53.50
Individual hardwoods.....	3.88	4.00	1.00-20.00	18.44	17.95	5.15-473.70
Flat-rate hardwoods.....	3.08	3.31	1.00-4.50	17.50	16.87	15.00-18.11
Total hardwoods.....	3.65	3.92	1.00-20.00	18.39	17.83	5.15-473.70
Flat-rate mixed.....	3.28	3.23	.67-6.67	13.06	13.07	5.00-14.50
Average or spread.....	3.31	3.19	.50-20.00	14.11	12.36	4.75-473.70

REGION 5—SOUTHERN PINE

Longleaf pine.....	\$0.44	\$0.04	\$1.50-\$17.02	\$13.65	\$12.61	\$4.00-\$18.00
Shortleaf pine.....	2.80	2.76	.60-14.67	10.34	10.32	4.00-20.00
Southern yellow pine ¹	4.00	3.07	.63-8.64	10.04	10.64	5.37-20.00
Cypress.....	4.80	5.81	1.51-7.00	18.82	18.82	6.00-25.00
Eastern red cedar.....	.....	.....	.....	25.00	25.00	.....
Individual softwoods.....	4.00	3.41	.60-17.02	12.08	12.06	4.00-25.00
Total softwoods.....	4.00	3.41	.60-17.02	12.08	12.06	4.00-25.00

¹ Species not reported.

TABLE 12.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1931—Continued

REGION 5—SOUTHERN PINE—Continued

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Oak 1	\$2.98	\$2.73	\$1.50-\$9.00	\$14.91	\$14.80	\$7.00-\$27.50
Willow				11.58	11.50	9.00-17.50
Red oak	2.87	2.85	1.50-8.00	14.88	14.87	7.00-20.00
White oak	4.59	5.01	2.00-12.00	16.75	17.34	5.00-22.00
Soft maple				15.00	15.00	
Maple 1				16.55	16.55	10.00-25.50
Elm 1	2.40	2.40	2.00-3.00	12.75	16.71	7.00-25.50
Ash	2.33	2.51	2.00-2.51	23.26	23.08	5.00-35.00
Black walnut				58.95	45.00	45.00-85.00
Red gum	3.15	5.41	1.00-12.00	13.23	14.06	5.00-75.50
Tupelo gum	6.08	10.00	2.00-10.00	13.85	12.95	7.50-23.50
Black gum	2.24		1.18-2.50	0.62	9.62	6.78-12.02
Sycamore				15.49	15.49	7.00-23.50
Locust				14.00	14.00	
Cottonwood	1.67	1.67		12.45	12.43	7.00-10.43
Yellow poplar	1.82	1.21	1.50-5.00	14.50	14.50	6.00-18.00
Birch 1				18.00	18.00	
Hickory	9.23		3.00-9.81	18.17	11.51	4.00-21.00
Basswood				13.65	13.65	7.00-14.57
Beech	1.20			8.75	8.75	6.78-13.00
Hackberry				17.80	17.80	
Magnolia	2.43			15.36	15.36	6.00-18.78
Persimmon				14.00	14.00	
Individual hardwoods	3.80	3.90	1.00-12.00	14.68	15.35	4.00-85.00
Flat-rate hardwoods	3.70	4.31	1.08-5.71	14.40	15.80	5.00-22.00
Total hardwoods	3.87	3.98	1.00-12.00	14.65	15.42	4.00-85.00
Flat-rate mixed	4.88	2.92	.75-8.00	14.70	14.70	5.00-18.33
Average or spread	4.11	3.41	.50-17.62	13.51	13.65	4.00-85.00

REGION 6—PACIFIC NORTHWEST

Ponderosa pine	\$2.63	\$2.13	\$0.25-\$6.00	\$11.41	\$11.39	\$4.00-\$15.50
Western white pine	2.15	5.00	1.00-5.00	16.52	17.17	7.50-18.95
Sugar pine	2.00			11.00	11.09	11.00-13.00
Western larch	.93		.25-1.25	10.97	10.97	8.00-11.00
Engelmann spruce	1.00			11.96	17.58	9.00-17.58
Sitka spruce	3.87		.60-5.00	14.35	15.93	5.26-40.65
Western hemlock	.91	.75	.23-2.00	9.47	9.18	4.00-15.90
Douglas fir	2.55	1.51	.25-5.00	11.23	10.93	1.00-26.53
White fir	.70		.50-2.00	10.55	8.55	4.00-13.24
Incense cedar	2.38		2.00-2.50	8.79	8.55	7.00-10.00
Western red cedar	2.56	2.50	.50-5.00	10.33	11.73	3.15-19.00
Port Orford cedar	7.72		1.50-13.00	37.95	17.32	10.00-53.00
Individual softwoods	2.48	1.54	.23-13.00	11.11	10.92	1.00-53.00
Flat-rate softwoods	1.94	1.33	.50-4.83	11.51	11.11	5.00-16.42
Total softwoods	2.34	1.53	.23-13.00	11.14	10.84	1.00-53.00
Oak 1				40.12	45.00	21.00-45.00
Maple 1	3.51			22.13	16.74	10.00-175.00
Ash				16.87	16.87	
Cottonwood	1.57		1.50-2.00	8.13	7.66	7.52-16.84
Birch 1				22.40	22.40	20.00-23.00
Alder	1.50	1.50	1.50-2.00	12.80	13.01	7.75-16.37
Individual hardwoods	1.69	1.50	1.50-3.51	12.51	11.25	7.52-175.00
Average or spread	2.34	1.53	.23-13.00	11.15	10.84	1.00-175.00

1 Species not reported.

TABLE 12.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1931—Continued

REGION 7—PACIFIC (SOUTH)

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Ponderosa pine.....	\$3.30	\$2.17	\$1.07-\$5.00	\$13.53	\$13.53	\$11.00-\$14.00
Sugar pine.....	2.62		1.70- 5.00			
Sitka spruce.....	1.25	1.25				
Douglas fir.....	1.90	1.28	1.00- 3.00	15.82	15.82	10.00- 15.61
White fir.....	.70		.50- 1.75			
Redwood.....	3.48		1.50- 5.00	11.50		
Incense cedar.....	.53		.50- 1.75	10.05	10.00	10.00- 12.50
Individual softwoods.....	3.40	1.90	.50- 5.00	14.06	14.08	10.00- 15.64
Flat-rate softwoods.....	1.54	1.35	.75- 4.00	6.12	6.12	5.00- 6.50
Total softwoods.....	3.01	1.36	.50- 5.00	13.99	14.01	5.00- 15.64
Average or spread.....	3.01	1.36	.50- 5.00	13.99	14.01	5.00- 15.64

REGION 8—ROCKY MOUNTAIN (NORTH)

Ponderosa pine.....	\$2.17		\$1.00-\$5.00	\$13.24	\$11.87	\$7.00-\$31.00
Western white pine.....	5.62	\$5.53	2.50- 7.00	17.49	17.49	9.00- 21.00
Lodgepole pine.....	1.25					
Western larch.....	.89		.25- 5.00	11.03	10.38	5.00- 13.80
Engelmann spruce.....	1.20			10.84	11.09	10.25- 12.00
Douglas fir.....	.90		.25- 5.00	18.91	10.29	5.00- 28.00
White fir.....	1.02	1.50	.50- 1.50	7.92	7.68	5.00- 9.00
Western red cedar.....	1.00					
Individual softwoods.....	1.93	5.59	.25- 7.00	15.43	13.05	5.00- 31.09
Flat-rate softwoods.....	2.09		.40- 3.00	10.75	10.75	8.00- 15.00
Total softwoods.....	1.98	5.59	.25- 7.00	14.68	12.55	5.00- 31.09
Hardwoods (birch) ¹	2.60	2.60				
Average or spread.....	1.98	5.40	.25- 7.00	14.63	12.55	5.00- 31.00

REGION 9—ROCKY MOUNTAIN (SOUTH)

Ponderosa pine.....	\$2.42	\$2.40	\$1.00-\$3.00	\$15.89	\$15.89	\$7.00-\$16.00
Lodgepole pine.....	2.00			10.00	10.00	
Engelmann spruce.....	2.45		2.00- 2.50			
Douglas fir.....	2.44		2.00- 3.00	10.00	10.00	
Individual softwoods.....	2.36	2.40	1.00- 3.00	15.79	15.79	7.00- 16.00
Flat-rate softwoods.....	2.13		1.50- 2.00			
Total softwoods.....	2.35	2.40	1.00- 3.00	15.79	15.79	7.00- 16.00
Average or spread.....	2.35	2.40	1.00- 3.00	15.79	15.79	7.00- 16.00

REGION 10—PRAIRIE

Ponderosa pine.....				\$17.00	\$17.00	
Maple ¹	\$2.00			8.00	8.00	
Black walnut.....				83.86	85.21	\$51.00-\$165.00
Average or spread.....	2.00			74.25	73.25	5.00- 165.00

¹ Species not reported.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931

PONDEROSA PINE									
Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
0.00	1	1			5.00-7.49			8	4
1.00-1.99	10	18			7.50-9.99			18	24
2.00-2.99	50	49			10.00-14.99			65	57
3.00-3.99	22	16			15.00-19.99			7	5
4.00-4.99	8	9	1	(1)	20.00-24.99			1	(1)
WESTERN WHITE PINE									
1.00-1.99	6	5			7.50-9.99			8	(1)
2.00-2.99	10	23			10.00-14.99			42	14
3.00-3.99	6	(1)			15.00-19.99			46	60
4.00-4.99	11	6			20.00-24.99			4	26
5.00-7.49	67	68							
LODGEPOLE PINE									
1.00-1.99	50	6			10.00-14.99			100	100
2.00-2.99	50	94							
SUGAR PINE									
1.00-1.99	14	(1)			5.00-7.49	14	5		
2.00-2.99	19	94			10.00-14.99			100	100
3.00-3.99	43	1							
NORWAY PINE									
5.00-7.49	75	64			15.00-19.99			33	80
7.50-9.99	25	36			20.00-24.99			42	10
10.00-14.99			17	10	25.00-29.99			8	(1)
JACK PINE									
2.00-2.99	12	10			5.00-7.49	22	15	33	5
3.00-3.99	22	12			15.00-19.99			34	68
4.00-4.99	44	63			25.00-29.99			33	27
NORTHERN WHITE PINE									
1.00-1.99	1	(1)			10.00-14.99	15	10	33	30
2.00-2.99	2	1			15.00-19.99	1	(1)	36	25
3.00-3.99	6	7			20.00-24.99			21	25
4.00-4.99	12	15			25.00-29.99			7	19
5.00-7.49	36	43	(1)	(1)	30.00-34.99			2	(1)
7.50-9.99	27	24	2	1	35.00-49.99			(1)	(1)
PITCH PINE									
5.00-7.49	100	100							
LONGLEAF PINE									
1.00-1.99	2	1			7.50-9.99	2	(1)	5	15
2.00-2.99	20	8			10.00-14.99	2	(1)	37	52
3.00-3.99	22	10			15.00-19.99	4	1	53	32
4.00-4.99	24	5	5	1	20.00-24.99				
5.00-7.49	24	75							

1 Less than 0.5 percent.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

SHORTLEAF PINE

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
0.99	1	1			5.00-7.49	11	9	17	19
1.00-1.99	18	17			7.50-9.99	1	1	25	20
2.00-2.99	35	34			10.00-14.99	1	1	50	54
3.00-3.99	21	22			15.00-19.99			6	7
4.00-4.99	12	15	1	(1)	20.00-24.99			1	(1)

SOUTHERN YELLOW PINE

0.99	2	(1)			5.00-7.49	14	15	15	5
1.00-1.99	23	9			7.50-9.99	2		26	14
2.00-2.99	20	7			10.00-14.99			42	70
3.00-3.99	25	18			15.00-19.99			13	10
4.00-4.99	14	51	2	(1)	20.00-24.99			2	1

WESTERN LARCH

0.99	18	37			5.00-7.49	3	(1)	16	1
1.00-1.99	47	60			7.50-9.99			17	3
2.00-2.99	31	3			10.00-15.99			67	96
3.00-3.99	3	(1)							

TAMARACK

2.00-2.99	50	6			15.00-3.99			65	66
3.00-3.99	50	94			20.00-24.99			14	1
10.00-14.99			14	5	25.00-29.99			7	38

ENGELMANN SPRUCE

1.00-1.99	29	95			10.00-14.99			50	54
2.00-2.99	71	5			15.00-19.99			17	16
7.50-9.99			33	30					

SITKA SPRUCE

0.99	7	7			7.50-9.99			22	4
1.00-1.99	7	2			10.00-14.99			38	64
2.00-2.99	20	25			15.00-19.99			21	28
3.00-3.99	13	10			20.00-24.99			3	1
4.00-4.99	49	8			25.00-29.99			8	1
5.00-7.49	13	50	5	1	35.00-39.99			3	1

EASTERN SPRUCE

1.00-1.99	4	1			7.50-9.99	20	30	2	4
2.00-2.99	4	(1)			10.00-14.99	5	25	14	10
3.00-3.99	7	3			15.00-19.99			50	38
4.00-4.99	13	9			20.00-24.99			25	30
5.00-7.49	47	32							

EASTERN HEMLOCK

1.00-1.99	7	20			10.00-14.99	2	1	42	36
2.00-2.99	15	21			15.00-19.99			44	60
3.00-3.99	16	25			20.00-24.99			7	4
4.00-4.99	20	14			25.00-29.99			1	(1)
5.00-7.49	31	15			30.00-34.99			1	(1)
7.50-9.99	9	1	5	(1)					

(1) Less than 0.5 per cent.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931

WESTERN HEMLOCK

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
0.50	35	60	-----	-----	5.00-7.49	-----	-----	0	(1)
1.00-1.99	57	24	-----	-----	7.50-9.99	-----	-----	37	57
2.00-2.99	8	16	-----	-----	10.00-14.99	-----	-----	32	41
4.00-4.99	-----	-----	2	(1)	15.00-19.99	-----	-----	10	2

DOUGLAS FIR

0.50	7	2	-----	-----	7.50-9.99	-----	-----	21	18
1.00-1.99	50	19	1	(1)	10.00-14.99	-----	-----	43	70
2.00-2.99	27	60	-----	-----	15.00-19.99	-----	-----	13	4
3.00-3.99	7	5	1	(1)	20.00-24.99	-----	-----	4	2
4.00-4.99	7	12	(1)	(1)	25.00-29.99	-----	-----	1	(1)
5.00-7.49	2	2	17	6	-----	-----	-----	-----	-----

WHITE FIR

0.50	29	51	-----	-----	5.00-7.49	-----	-----	13	4
1.00-1.99	65	35	-----	-----	7.50-9.99	-----	-----	19	27
2.00-2.99	6	1	-----	-----	10.00-14.99	-----	-----	61	69
4.00-4.99	-----	-----	7	(1)	-----	-----	-----	-----	-----

BALSAM FIR

1.00-1.99	13	8	-----	-----	7.50-9.99	12	6	-----	-----
2.00-2.99	25	31	-----	-----	10.00-14.99	4	16	28	17
3.00-3.99	21	7	-----	-----	15.00-19.99	-----	-----	48	11
4.00-4.99	4	10	-----	-----	20.00-24.99	-----	-----	24	72
5.00-7.49	21	22	-----	-----	25.00-29.99	-----	-----	-----	-----

CYPRESS

1.00-1.99	3	1	-----	-----	7.50-9.99	-----	-----	5	1
2.00-2.99	10	3	-----	-----	10.00-14.99	-----	-----	37	32
3.00-3.99	23	27	-----	-----	15.00-19.99	-----	-----	32	22
4.00-4.99	10	4	-----	-----	20.00-24.99	-----	-----	28	31
5.00-7.49	54	55	2	(1)	25.00-29.99	-----	-----	1	23

REDWOOD

1.00-1.99	13	(1)	-----	-----	4.00-4.99	36	37	-----	-----
2.00-2.99	13	(1)	-----	-----	5.00-7.49	13	(1)	100	100
3.00-3.99	25	63	-----	-----	10.00-14.99	-----	-----	-----	-----

INCENSE CEDAR

0.50	33	52	-----	-----	5.00-7.49	-----	-----	14	19
1.00-1.99	31	1	-----	-----	7.50-9.99	-----	-----	29	22
2.00-2.99	33	47	-----	-----	10.00-14.99	-----	-----	57	59

WESTERN RED CEDAR

0.50	4	(1)	-----	-----	5.00-7.49	4	7	12	5
1.00-1.99	53	15	-----	-----	7.50-9.99	-----	-----	33	35
2.00-2.99	25	2	-----	-----	10.00-14.99	-----	-----	50	59
3.00-3.99	5	74	1	(1)	15.00-19.99	-----	-----	4	1
4.00-4.99	8	1	-----	-----	-----	-----	-----	-----	-----

¹ Less than 0.5 percent.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

NORTHERN WHITE CEDAR

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
1.00-1.99	33	21			10.00-14.99	8	34	65	75
2.00-2.99	17	7			15.00-19.99			25	19
5.00-7.49	17	20			20.00-24.99			5	5
7.50-9.99	25	18			25.00-29.99			5	1

PORT ORFORD CEDAR

1.00-1.99	17	5			15.00-19.99			22	3
5.00-7.49	33	12			30.00-34.99			7	6
7.50-9.99	33	74			35.00-40.99			57	85
10.00-14.99	17	9	7	(1)	50.00-99.99			7	7

EASTERN RED CEDAR

15.00-19.99			13	27	25.00-29.99			61	63
20.00-24.99			13	10	100.00+			13	(1)

INDIVIDUAL SOFTWOODS

0.99	3	4			15.00-19.99	(1)	(1)	21	7
1.00-1.99	22	12	(1)	(1)	20.00-24.99			7	2
2.00-2.99	26	29			25.00-29.99			2	1
3.00-3.99	15	27	(1)	(1)	30.00-34.99				(1)
4.00-4.99	11	19	1	9	35.00-49.99			1	(1)
5.00-7.49	16	7	9	5	50.00-99.99			(1)	(1)
7.50-9.99	5	1	16	24	100.00+			(1)	(1)
10.00-14.99	2	1	42	61				(1)	(1)

FLAT-RATE SOFTWOODS

0.99	15	12			7.50-9.99			22	20
1.00-1.99	28	61			10.00-14.99			33	65
2.00-2.99	29	0			15.00-19.99			24	8
3.00-3.99	17	15			20.00-24.99			2	1
4.00-4.99	7	3			25.00-29.99			2	(1)
5.00-7.49	4	(1)	17	6					

ALL SOFTWOODS

0.99	4	5			15.00-19.99	(1)	(1)	21	7
1.00-1.99	22	21	(1)	(1)	20.00-24.99			7	2
2.00-2.99	26	25			25.00-29.99			2	1
3.00-3.99	15	20	(1)	(1)	30.00-34.99			(1)	(1)
4.00-4.99	11	16	1	9	35.00-49.99			1	(1)
5.00-7.49	15	6	9	5	50.00-99.99			(1)	(1)
7.50-9.99	5	1	17	24	100.00+			(1)	(1)
10.00-14.99	2	(1)	42	61				(1)	(1)

OAK²

1.00-1.99	4	8			15.00-19.99	2	1	39	53
2.00-2.99	9	9			20.00-24.99	2	(1)	11	1
3.00-3.99	12	18			25.00-29.99			9	6
4.00-4.99	11	26	1	(1)	30.00-34.99			3	2
5.00-7.49	32	23	3	1	35.00-49.99			6	1
7.50-9.99	14	7	2	3	50.00-99.99			2	1
10.00-14.99	14	10	24	32					

¹ Less than 0.5 percent.

² Species not reported.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs		
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume	
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	
<i>Dollars</i> 7.50-9.99				27	24	15.00-19.99			13	1
10.00-14.99			60	75						
WILLOW										
1.00-1.99	2	2			15.00-19.99	6	2	30	45	8
2.00-2.99	16	21			20.00-24.99	1	1	17		
3.00-3.99	6	11			25.00-29.99			2	(?)	
4.00-4.99	16	23			30.00-34.99			2	(?)	
5.00-7.49	30	30	3	1	35.00-49.99			16		1
7.50-9.99	14	6	6	6	50.00-99.99			2		1
10.00-14.99	9	4	22	38						
RED OAK										
2.00-2.99	8	3			15.00-19.99	6	3	21	38	
3.00-3.99	13	6			20.00-24.99	8	2	13	19	
4.00-4.99	20	31			25.00-29.99	2	1	11	12	
5.00-7.49	23	42	4	2	30.00-34.99	1	(?)	7	5	
7.50-9.99	6	3	4	3	35.00-49.99			10	6	
10.00-14.99	15	6	21	14	50.00-99.99			9	1	
WHITE OAK										
4.00-4.99	50	76			15.00-19.99			29	33	
5.00-7.49			3	1	20.00-24.99			26	38	
7.50-9.99	25	23			25.00-29.99			8	8	
10.00-14.99	25	1	31	18	30.00-34.99			3	2	
SOFT MAPLE										
3.00-3.99	4	1			20.00-24.99	11	5	28	67	
5.00-7.49	18	47			25.00-29.99			11	1	
7.50-9.99	22	19	4	1	30.00-34.99			11	2	
10.00-14.99	30	23	7	1	35.00-49.99			13	15	
15.00-19.99	15	5	26	13						
HARD MAPLE										
1.00-0.99	2	2			15.00-19.99	5	1	28	32	
1.00-1.99	2	(?)			20.00-24.99		(?)	20	37	
2.00-2.99	10	33			25.00-29.99	2	1	10	3	
3.00-3.99	10	0			30.00-34.99			3	22	
4.00-4.99	10	4			35.00-49.99			8	(?)	
5.00-7.49	20	34	2	(?)	50.00-99.99			5	1	
7.50-9.99	15	10	2	(?)	100.00+			1	(?)	
10.00-14.99	22	9	18	5						
MAPLE?										
2.00-2.99	12	4			35.00-49.99	6	55	25	34	
3.00-3.99	9	2			50.00-99.99			21	10	
5.00-7.49	26	10	2	(?)	25.00-29.99			12	5	
7.50-9.99	18	16	7	6	30.00-34.99			4	2	
10.00-14.99	20	13	25	12	35.00-49.99			4	1	
ELM?										
2.00-2.99	12	4			35.00-49.99	6	55	25	34	
3.00-3.99	9	2			50.00-99.99			21	10	
5.00-7.49	26	10	2	(?)	25.00-29.99			12	5	
7.50-9.99	18	16	7	6	30.00-34.99			4	2	
10.00-14.99	20	13	25	12	35.00-49.99			4	1	

¹ Less than 0.5 percent.

² Species not reported.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

ROCK ELM

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Dollars					Dollars				
10.00-14.99			13	6	20.00-24.99			13	9
15.00-19.99			61	62	50.00-99.99			13	23

ASH

2.00-2.99	6	5			20.00-24.99	18	7	10	11
3.00-3.99	3	1			25.00-29.99	5	2	18	39
4.00-4.99	3	(1)			30.00-34.99	17	8	8	2
5.00-7.49	23	13	1	1	35.00-49.99	9	24	11	3
7.50-9.99	12	32	2	1	50.00-99.99			5	24
10.00-14.99			15	7	100.00+			1	(1)
15.00-19.99	3	8	20	12					

BLACK WALNUT

5.00-7.49	7	2			30.00-34.99	13	1		
10.00-14.99	7	1			35.00-49.99	13	21	6	4
20.00-24.99	20	9	1	(1)	50.00-99.99	33	63	33	76
25.00-29.99			3	(1)	100.00+	7	3	57	20

BUTTERNUT

20.00-24.99			50	53	30.00-34.99			30	33
25.00-29.99			20	14					

RED GUM

1.00-1.99	13	31			15.00-19.99			21	49
2.00-2.99	32	32			20.00-24.99			5	3
3.00-3.99	19	6			25.00-29.99			6	1
4.00-4.99	13	13			30.00-34.99			9	1
5.00-7.49	13	15	5	(1)	35.00-49.99			2	(1)
7.50-9.99	5	1	12	8	50.00-99.99			7	(1)
10.00-14.99	5	2	39	35					

TUPELO GUM

2.00-2.99	50	22			10.00-14.99	25	2	39	51
5.00-7.49	25	76			15.00-19.99			31	40
7.50-9.99			15	3	20.00-24.99			15	3

BLACK GUM

1.00-1.99	33	15			10.00-14.99			42	60
2.00-2.99	67	85			15.00-19.99			8	18
5.00-7.49			17	13	20.00-24.99			8	1
7.50-9.99			25	8					

SYCAMORE

2.00-2.99	25	21			10.00-14.99			21	9
3.00-3.99	25	8			15.00-19.99			23	75
4.00-4.99	25	55			20.00-24.99			33	10
5.00-7.49	25	16	5	(1)	25.00-29.99			3	2
7.50-9.99			13	4	30.00-34.99			2	(1)

1 Less than 0.5 percent.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

LOCUST

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
10.00-14.99			67	28	20.00-24.99			33	72

ASPEN

0.00	20	23			10.00-14.99	20	4	50	96
2.00-2.99	20	(1)			15.00-19.99			43	4
3.00-3.99	40	73			20.00-24.99			7	(1)

COTTONWOOD

1.00-1.99	50	54			15.00-19.99			12	15
2.00-2.99	20	4			20.00-24.99			7	3
3.00-3.99	30	42	3	(1)	30.00-34.99			2	(1)
4.00-4.99			13	51	50.00-59.99			1	(1)
5.00-7.49			46	31	100.00+			16	(1)

YELLOW POPLAR

1.00-1.99	4	6			15.00-19.99	2	(1)	26	28
2.00-2.99	7	3			20.00-24.99	2	(1)	12	12
3.00-3.99	9	5			25.00-29.99	2	1	14	15
4.00-4.99	16	48			30.00-34.99			4	4
5.00-7.49	31	14	2	(1)	35.00-49.99			16	22
7.50-9.99	7	2	5	1	50.00-59.99			3	1
10.00-14.99	20	21	18	17	100.00+				

BIRCH

1.00-1.99	3	(1)			15.00-19.99			28	28
2.00-2.99	6	8			20.00-24.99			18	14
3.00-3.99	12	4			25.00-29.99			12	41
4.00-4.99	18	30			30.00-34.99			8	4
5.00-7.49	18	34			35.00-49.99			20	8
7.50-9.99	15	26	2	1	50.00-59.99			2	2
10.00-14.99	28	8	9	2	100.00+			1	(1)

ALDER

1.00-1.99	100	100			10.00-14.99			33	69
7.50-9.99			7	10	15.00-19.99			10	21

PECAN

10.00-14.99			50	4	15.00-19.99			50	96
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HICKORY

1.00-1.99	3	2			15.00-19.99	9	2	25	14
2.00-2.99	6	4			20.00-24.99			23	31
3.00-3.99	19	19			25.00-29.99			2	6
4.00-4.99	9	10	2	1	30.00-34.99			15	46
5.00-7.49	31	18	5	(1)	35.00-49.99			5	(1)
7.50-9.99	13	20			50.00-59.99			15	1
10.00-14.99	10	25	8	1					

¹ Less than 0.5 percent.

² Species not reported.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

CHERRY

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Dollars					Dollars				
4.00-4.99	33	70			25.00-29.99			17	15
5.00-7.49	34	9			30.00-34.99			17	25
7.50-9.99					35.00-49.99			17	10
10.00-14.99	33	15	3	(1)	50.00-99.99			4	4
15.00-19.99			14	12	100.00+			3	(1)
20.00-24.99			21	31					

BASSWOOD

3.00-3.99	5	3			20.00-24.99			26	40
4.00-4.99	9	10			25.00-29.99			10	14
5.00-7.49	43	44	1	(1)	30.00-34.99			11	9
7.50-9.99	19	34	1	1	35.00-49.99			17	17
10.00-14.99	24	9	10	4	50.00-99.99			1	1
15.00-19.99			23	14					

CHESTNUT

1.00-1.99	7	20			10.00-14.99	7	2	30	29
2.00-2.99	10	11			15.00-19.99	12	3	25	18
3.00-3.99	10	25			20.00-24.99			9	4
4.00-4.99	20	8			35.00-49.99			9	4
5.00-7.49	27	19			50.00-99.99			4	2
7.50-9.99	7	2	22	43					

BEECH

1.00-1.99	2	(1)			15.00-19.99			39	43
2.00-2.99	14	34			20.00-24.99			13	36
3.00-3.99	12	10			25.00-29.99			6	3
4.00-4.99	23	16			30.00-34.99			2	(1)
5.00-7.49	27	32	8	1	35.00-49.99			1	(1)
7.50-9.99	8	5	4	1	50.00-99.99			1	(1)
10.00-14.99	14	3	27	16					

HACKBERRY

15.00-19.99			100	100					
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MAGNOLIA

2.00-2.99	100	100			10.00-14.99			36	51
5.00-7.49			9	(1)	15.00-19.99			46	48
7.50-9.99			9	1					

PERSIMMON

10.00-14.99			50	25	25.00-29.99			50	75
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BUCKEYE

7.50-9.99			100	100					
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¹ Less than 0.5 percent.

TABLE 13.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1931—Con.

INDIVIDUAL HARDWOODS

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Dollars					Dollars				
0.99	(1)	(1)			15.00-19.99	4	1	25	35
1.00-1.99	3	8			20.00-24.99	3	1	18	15
2.00-2.99	11	15			25.00-29.99	1	1	9	7
3.00-3.99	10	10			30.00-34.99	1	(1)	6	5
4.00-4.99	13	20	(1)	(1)	35.00-49.99	1	(1)	8	3
5.00-7.49	26	27	2	1	50.00-99.99	1	1	4	3
7.50-9.99	11	7	5	5	100.00+	(1)	(1)	4	1
10.00-14.99	15	8	21	25					

FLAT-RATE HARDWOODS

1.00-1.99	3	(1)			10.00-14.99	6	(1)	40	29
2.00-2.99	3	1			15.00-19.99	3	(1)	20	15
3.00-3.99	12	5			20.00-24.99			12	14
4.00-4.99	26	84			25.00-29.99			4	10
5.00-7.49	35	9	5	(1)	30.00-34.99			2	(1)
7.50-9.99	9	1	2	3					

ALL HARDWOODS

0.99	(1)	(1)			15.00-19.99	4	(1)	25	37
1.00-1.99	3	5			20.00-24.99	3	(1)	16	15
2.00-2.99	11	5			25.00-29.99	1	(1)	9	7
3.00-3.99	10	6			30.00-34.99	1	(1)	5	4
4.00-4.99	15	66	(1)	(1)	35.00-49.99	(1)	(1)	8	3
5.00-7.49	27	14	2	1	50.00-99.99	(1)	(1)	4	3
7.50-9.99	11	2	5	5	100.00+	(1)	(1)	4	(1)
10.00-14.99	14	2	22	25					

FLAT-RATE MIXED SOFTWOODS AND HARDWOODS

0.99	2	2			7.50-9.99	4	11	20	9
1.00-1.99	11	5			10.00-14.99	5	3	33	54
2.00-2.99	19	10			15.00-19.99	1	(1)	21	31
3.00-3.99	19	26			20.00-24.99			5	1
4.00-4.99	15	12			25.00-29.99			1	2
5.00-7.49	24	31	8	1	30.00-34.99			3	3

ALL SALES

0.99	3	4			15.00-19.99	2	(1)	23	10
1.00-1.99	15	18	(1)	(1)	20.00-24.99	1	(1)	12	3
2.00-2.99	20	23			25.00-29.99	(1)	(1)	6	1
3.00-3.99	13	23	(1)	(1)	30.00-34.99	(1)	(1)	3	1
4.00-4.99	12	22	(1)	(1)	35.00-49.99	(1)	(1)	5	1
5.00-7.49	20	8	6	5	50.00-99.99	(1)	(1)	2	(1)
7.50-9.99	7	1	10	22	100.00+	(1)	(1)	2	(1)
10.00-14.99	7	1	31	57					

¹ Less than 0.5 percent.

TABLE 14.—Volume and percentage distribution of stumpage sales, by class¹ of timber cut and species, 1931

INDIVIDUAL SOFTWOODS

Species	Virgin timber		Second growth		Mixed growth		Total	
	M ft. b.m.	Percent	M ft. b.m.	Percent	M ft. b.m.	Percent	M ft. b.m.	Percent
Ponderosa pine.....	206,450	98	4,267	2			210,717	100
Western white pine.....	8,407	82	1,810	18			10,217	100
Lodgepole pine.....	1,540	100					1,540	100
Sugar pine.....	44,598	100					44,598	100
Norway pine.....	70	64	40	36			110	100
Jack pine.....	394	78	113	22			507	100
Northern white pine.....	6,221	12	43,716	85	1,680	3	51,617	100
Pitch pine.....			100	100			100	100
Longleaf pine.....	40,438	81	5,983	12	2,531	5	48,952	100
Shortleaf pine.....	20,113	12	128,885	80	12,145	8	161,143	100
Southern yellow pine.....	14,191	13	81,415	74	14,554	13	110,160	100
Western larch.....	14,652	100					14,652	100
Tamarack.....	85	94	5	6			90	100
Engelmann spruce.....	5,532	100					5,532	100
Sitka spruce.....	16,777	85	359	2	2,500	13	18,027	100
Eastern spruce.....	4,082	36	7,244	64			11,326	100
Eastern hemlock.....	2,479	26	7,035	73	100	1	9,614	100
Western hemlock.....	88,508	100	109	(?)			88,608	100
Douglas fir.....	607,910	86	53,479	8	41,741	6	703,121	100
White fir.....	9,638	100	19	(?)			9,658	100
Balsam fir.....	342	34	677	66			1,019	100
Cypress.....	10,190	87	1,572	13			11,762	100
Redwood.....	646,227	100					646,227	100
Incense cedar.....	551	100					551	100
Western red cedar.....	75,288	100	50	(?)			75,336	100
Northern white cedar.....	264	58	172	38	20	4	456	100
Port Orford cedar.....	5,830	95			360	5	6,130	100
Total.....	1,829,795	82	337,014	15	75,571	3	2,242,380	100

INDIVIDUAL HARDWOODS

Oak.....	20,231	57	13,099	37	2,130	6	35,460	100
Red oak.....	2,078	26	5,741	73	50	1	7,869	100
White oak.....	7,743	65	3,086	32			11,429	100
Soft maple.....	125	58	91	42			216	100
Hard maple.....	2,650	74	924	26			3,574	100
Maple.....	6,360	79	1,610	21			8,000	100
Elm.....	480	23	1,689	77			2,019	100
Ash.....	458	38	679	57	61	5	1,198	100
Black walnut.....	145	13	603	87			1,138	100
Red gum.....	13,654	92	1,211	8			14,865	100
Tupelo gum.....	4,057	97	100	3	14	(?)	4,171	100
Black gum.....	1,250	100					1,250	100
Sycamore.....			73	100			73	100
Aspen.....	330	27	872	73			1,202	100
Cottonwood.....	921	98	19	2			940	100
Yellow Poplar.....	3,495	71	1,008	21	235	5	4,738	100
Birch.....	864	27	2,217	71	60	2	3,141	100
Alder.....			151	100			151	100
Hickory.....	530	35	259	39	600	43	1,389	100
Cherry.....			99	100			99	100
Basswood.....	572	32	1,234	68			1,806	100
Chestnut.....	957	50	514	27	455	23	1,926	100
Beech.....	3,505	71	1,456	29			5,021	100
Magnolia.....	7	100					7	100
Total.....	70,472	63	37,074	34	3,605	3	111,151	100

FLAT-RATE SALES

Flat-rate softwoods.....	381,498	75	118,479	23	7,035	2	507,512	100
Flat-rate hardwoods.....	86,869	39	199,989	68	5,075	2	291,923	100
Flat-rate mixed.....	77,328	69	31,983	25	18,551	15	127,862	100
Total.....	545,695	59	349,451	38	30,661	3	925,807	100

¹ The timber has been classified as reported by cooperators. In some instances such as aspen and jack pine, although they are second growth in the strict sense of the word, have been reported as virgin because the stands have not been logged. In the far West small virgin timber is commonly called second growth and has been so reported.

² Less than 0.5 percent.

³ Species not reported.

TABLE 14.—Volume and percentage distribution of stumpage sales, by class of timber cut and species, 1931—Continued

SUMMARY BY TYPE OF SALE

Species	Virgin timber		Second growth		Mixed growth		Total	
	M ft. b.m.	Percent	M ft. b.m.	Percent	M ft. b.m.	Percent	<i>M ft. b.m.</i>	<i>Percent</i>
Individual softwoods.....	1,823,795	82	337,014	15	75,571	3	2,242,380	100
Individual hardwoods.....	70,472	63	37,674	34	3,605	3	111,751	100
Flat-rate softwoods.....	381,998	75	118,479	23	7,035	2	507,512	100
Flat-rate hardwoods.....	80,350	30	199,089	68	5,075	2	291,023	100
Flat-rate mixed.....	77,323	60	31,983	25	18,561	15	127,867	100
Total.....	2,446,452	75	724,230	22	100,837	3	3,280,528	100

TABLE 15.—Volume and percentage of log sales by type of product and species, 1931
INDIVIDUAL SOFTWOODS

Species and type of sale	Box shook		Lumber		Ties		Staves or heading		Fuel wood		Pulpwood		Mine timbers		Veneer		Poles and posts		Miscellaneous		Total		
	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	
Ponderosa pine	11,368	5.5	196,324	94.2									729	0.3						502	4.2	208,421	100
Western white pine			11,557	95.8																	12,050	100	
Lodgepole pine			10	100.0																	10	100	
Sugar pine			1,161	100.0																	1,161	100	
Norway pine			667	99.6																	670	100	
Jack pine			264	72.5									100	27.5			3	0.4			364	100	
Northern white pine	4,647	11.8	29,480	74.8			4,297	10.9					80	.2	64	0.2				847	2.1	39,415	100
Longleaf pine			3,641	80.1											860	18.9				45	1.0	4,546	100
Shortleaf pine	409	.5	82,561	90.5	1,655	1.8	5,701	6.2							165	.2				750	.9	91,241	100
Southern yellow pine ¹			52,578	97.4			1,300	2.4							5					100	.2	53,983	100
Western larch			7,471	81.2	25	.3							1,698	18.5								9,194	100
Tamarack			286	54.1									243	45.9								529	100
Engelmann spruce			271	16.2							1,403	83.8										1,674	100
Sitka spruce	1,743	1.7	43,064	42.3			23,138	22.7			19,051	18.7			11,721	11.5				3,177	3.1	101,894	100
Eastern spruce	225	4.3	3,653	69.2							1,378	26.1								21	.4	5,277	100
Eastern hemlock	75	.2	9,798	25.4	234	.6					28,175	72.9								357	.9	38,639	100
Western hemlock	12,041	2.5	335,891	69.8			3,000	.6			77,241	16.1			2,536	.5				50,455	10.5	481,074	100
Douglas fir			1,525,784	94.8	885	.1	23,020	1.4	1,000	0.1					45,314	2.8	281			123,559	2.1	609,076	100
White fir	3,393	36.4	1,259	13.5							2,317	24.9			170	1.8				2,179	23.4	9,318	100
Balsam fir			526	31.8							1,002	60.6								125	7.6	1,653	100
Cypress			22,238	95.1											5					1,140	4.9	23,383	100
Redwood																				300	100.0	300	100
Incense cedar			892	76.8																270	23.2	1,162	100
Western red cedar			55,144	30.9																123,559	69.1	178,703	100
Northern white cedar			220	33.3	157	23.8														283		660	100
Port Orford cedar			162	1.3																12,837	98.5	13,051	100
Eastern red cedar			1,013	99.9											1	.1				32	.2	1,014	100
Total	34,439	1.2	385,825	82.6	2,956	.1	60,456	2.1	1,000		130,567	4.5	11,685	.4	73,678	2.6	284			187,561	6.5	2,888,451	100

INDIVIDUAL HARDWOODS

Oak ¹			28,355	82.7	1,286	3.8	4,118	12.0					100	0.3	314	0.9				111	0.3	34,284	100
Willow			1,349	54.6			1,109	44.9							11	.5						2,469	100
Red oak			11,968	80.0	831	6.2	151	1.1							378	2.8				120	.9	13,448	100
White oak			12,459	77.7	282	1.7	1,925	12.0							1,262	7.9				111	.7	16,039	100
Soft maple	40	4.9	679	83.1											78	9.6				20	2.4	817	100
Hard maple			11,383	82.3											406	2.9				2,038	14.8	13,827	100
Maple ¹	40	.1	25,462	58.4	619	1.4	113	.3							2,281	5.2				15,066	34.6	43,581	100

UPDATA 1981

Elm ¹			6,613	41.8	8	.1	8,324	52.7							304	1.9					557	3.5	15,806	100	
Rock elm.....			359	76.5																	110	4.69	469	100	
Ash.....			7,260	66.5			158	1.4							119	1.1					3,405	23.5	10,972	100	
Black walnut.....			6,339	68.2											2,089	22.5					863	31.0	9,291	100	
Butternut.....			16	55.2											10	34.5					3	9.3	29	100	
Red gum.....			31,249	42.8	275	.4	4,290	5.8							28,933	39.0					8,339	10.3	73,076	100	
Tupelo gum.....			3,687	50.2											3,601	49.1					50	11.4	7,838	100	
Black gum.....			2,923	97.3											3,30	1.0					50	7.7	3,003	100	
Sycamore.....	30	.8	3,279	92.8											196	5.6					28	1.7	3,533	100	
Locust.....			81	73.0																		.8	111	100	
Aspen.....			2,878	100.0																				2,879	100
Cottonwood.....	719	5.3	8,719	64.8			1,193	8.9		94	0.7				1,843	13.7					896	6.6	13,464	100	
Yellow poplar.....	300	1.9	6,102	39.0			50	.3							6,620	42.2					2,598	16.0	15,070	100	
Birch ¹	55	.4	9,434	60.9	269	1.7									4,563	29.5					1,166	7.5	15,487	100	
Alder.....			3,789	62.4																		37.6	6,070	100	
Pecan.....			1,499	100.0																				1,499	100
Hickory ¹			426	12.3											3	.1					3,028	87.6	3,457	100	
Cherry.....			174	53.9	35	10.8									31	9.6					83	25.7	323	100	
Basswood.....	65	.9	4,830	67.1											1,968	27.4					329	4.6	7,192	100	
Chestnut.....			383	54.7						250	37.1				20	3.0					35	5.2	673	100	
Beech.....	5		6,369	43.9	780	5.4									848	5.8					0,518	44.9	14,520	100	
Hackberry.....			7	100.0																			7	100	
Magnolia.....			1,628	100.0																			4	100	
Persimmon.....			1	100.0																			2	100	
Buckeye.....			2	100.0																				2	100
Total.....	1,254	.4	199,720	60.3	4,385	1.3	21,421	6.5		94		350	0.1	55,908	16.9	30				47,806	14.5	330,968	100		

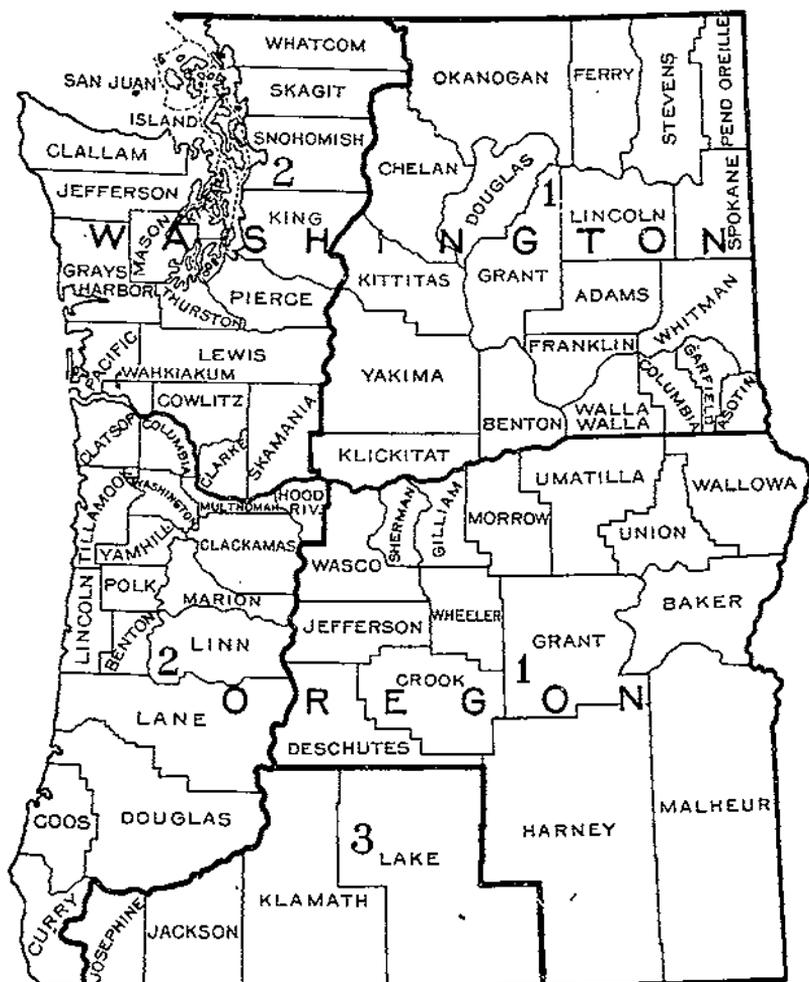
FLAT-RATE SALES

Flat-rate softwoods.....			203,602	91.8						2,372	1.1			15,802	7.1								221,776	100
Flat-rate hardwoods.....	370	0.8	27,279	56.9	120	0.3	3,858	8.0						6,614	15.8						9,671	20.2	47,912	100
Flat-rate mixed.....	1,000	1.6	60,867	96.9	157	.2	438	.7						348	.6								62,810	100
Total.....	1,370	.4	291,748	87.7	277	.1	4,296	1.3		2,372	.7			22,764	6.9						9,671	2.9	332,498	100

SUMMARY BY TYPE OF SALE

Individual softwoods.....	34,439	92.9	2,385,825	82.9	2,956	38.8	60,456	70.1	1,000	100.0	130,567	98.1	11,685	97.1	73,678	48.4	284	90.4	167,561	76.6	2,888,451	81.3	
Individual hardwoods.....	1,254	3.4	199,720	7.0	4,385	57.6	21,421	24.9			94	.1	350	2.9	55,908	36.7	30	9.6	47,806	19.5	330,968	9.3	
Flat-rate softwoods.....			203,602	7.1							2,372	1.8			15,802	10.4						221,776	6.3
Flat-rate hardwoods.....	370	1.0	27,279	.9	120	1.6	3,858	4.5							6,614	4.3				9,671	3.9	47,912	1.3
Flat-rate mixed.....	1,000	2.7	60,867	2.1	157	2.0	438	.5							348	.2						62,810	1.8
Total.....	37,063	1.1	2,877,293	81.0	7,618	.2	86,173	2.4	1,000		133,033	3.8	12,035	.3	152,350	4.3	314		245,038	6.9	3,551,917	100.0	

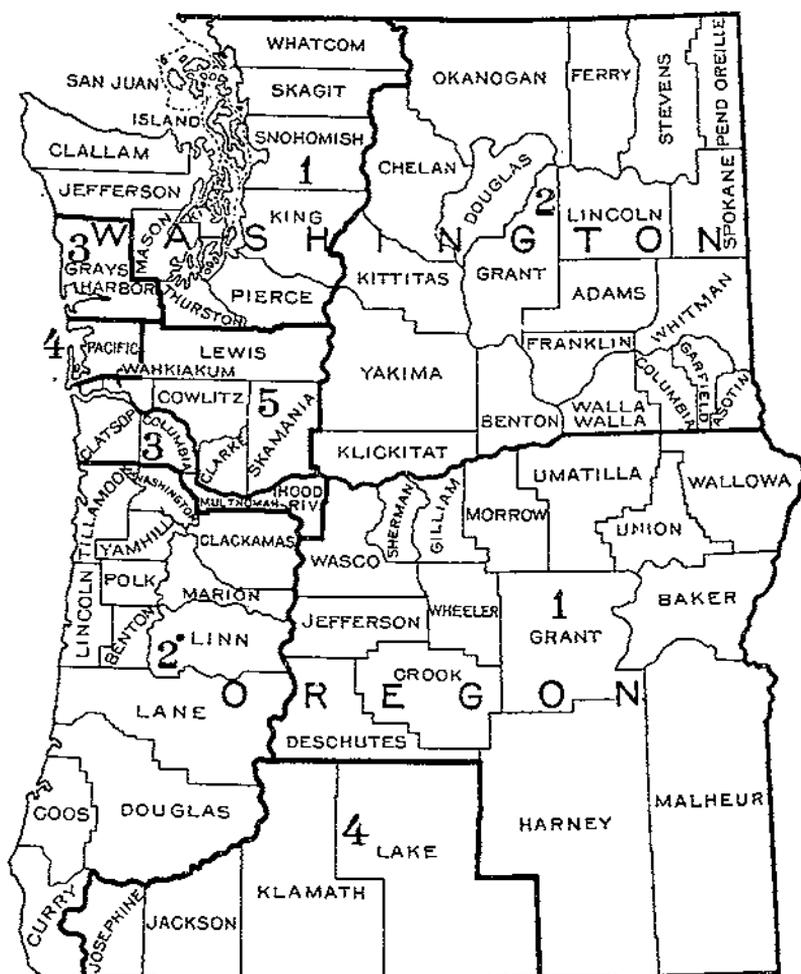
¹ Species not reported.² Manufactured into lumber and shingles.³ Shingle logs.



WASHINGTON:
 1-EASTERN
 2-WESTERN

OREGON:
 1-EASTERN
 2-WESTERN
 3-KLAMATH

FIGURE 2.—Stumpage regions in Washington and Oregon.



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

FIGURE 8.—Log regions in Washington and Oregon.

TABLE 16.—Stumpage sales in Washington, by regions, species, and type of sale, 1931

REGION 1—EASTERN WASHINGTON

Type of sale and species	Transactions		Value	Average price	Price range
	Number	Quantity		per thousand	
Individual softwoods:	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	40	52,940	109,249	2.06	1.00-3.50
Western white pine.....	3	2,469	5,400	2.22	2.00-5.00
Western larch.....	4	945	876	.93	.25-1.25
Engelmann spruce.....	1	100	100	1.00	-----
Douglas fir.....	14	2,517	2,518	1.00	.50-2.50
White fir.....	1	150	150	1.00	-----
Total, average, or spread.....	63	59,112	118,353	2.00	.25-5.00
Flat-rate softwoods.....	6	41,350	75,109	1.82	.85-3.00
Regional total, average, or spread.....	69	100,462	193,462	1.93	.25-5.00

REGION 2—WESTERN WASHINGTON

Individual softwoods:					
Western white pine.....	3	644	1,210	1.88	1.00-5.00
Sitka spruce.....	5	10,852	50,612	4.66	3.00-5.00
Western hemlock.....	10	66,193	59,794	.90	.50-2.00
Douglas fir.....	61	408,401	1,065,559	2.68	.50-5.00
White fir.....	2	8,045	3,623	.60	.50-.60
Western red cedar.....	13	64,584	204,485	3.17	1.00-5.00
Total, average, or spread.....	94	558,719	1,415,273	2.54	.50-5.00
Flat-rate softwoods.....	15	66,055	214,041	3.21	.73-4.83
Individual hardwoods (alder).....	1	150	225	1.50	-----
Regional total, average, or spread.....	110	622,924	1,629,539	2.62	.50-5.00

STATE TOTAL

Individual softwoods:					
Ponderosa pine.....	40	52,940	109,249	2.06	1.00-3.50
Western white pine.....	6	3,104	6,670	2.15	1.00-5.00
Western larch.....	4	945	876	.93	.25-1.25
Engelmann spruce.....	1	100	100	1.00	-----
Sitka spruce.....	5	10,852	50,612	4.66	3.00-5.00
Western hemlock.....	10	66,193	59,784	.90	.50-2.00
Douglas fir.....	75	410,918	1,068,077	2.67	.50-5.00
White fir.....	3	6,105	3,773	.61	.50-1.00
Western red cedar.....	13	64,584	204,485	3.17	1.00-5.00
Total, average, or spread.....	157	615,831	1,533,626	2.49	.25-5.00
Flat-rate softwoods.....	21	107,405	280,150	2.60	.73-4.83
All softwoods.....	178	723,236	1,822,770	2.52	.25-5.00
Individual hardwoods (alder).....	1	150	225	1.50	-----
State total, average, or spread.....	179	723,386	1,823,001	2.52	.25-5.00

TABLE 17.—Log sales in Washington, by regions, species, and type of sale, 1931

REGION 1—PUGET SOUND

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:	<i>Number</i>	<i>M ft. b. m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Western white pine.....	3	390	4,205	10.94	10.00-11.00
Sitka spruce.....	34	23,986	355,444	14.82	7.00-17.00
Western hemlock.....	78	301,353	2,980,143	9.91	4.00-15.00
Douglas fir.....	185	726,656	8,406,644	11.57	1.00-26.00
White fir.....	21	6,408	72,154	11.10	4.00-13.24
Western red cedar.....	52	115,165	1,173,351	10.19	5.00-19.00
Total, average, or spread.....	373	1,174,007	12,095,004	11.07	1.60-26.00
Flat-rate softwoods.....	13	114,814	1,260,582	10.98	5.75-13.33
Individual hardwoods:					
Oak.....	2	66	3,070	45.00	.....
Maple.....	6	630	9,267	14.71	12.50-16.00
Cottonwood.....	5	2,001	19,539	9.34	8.00-10.54
Birch.....	2	5	112	22.40	20.00-23.00
Alder.....	21	3,118	39,937	12.81	11.50-16.00
Total, average, or spread.....	36	5,910	71,825	12.15	8.00-21.00
Regional total, average, or spread.....	422	1,334,731	14,330,411	11.07	1.60-45.00

REGION 2—EASTERN WASHINGTON

Individual softwoods:					
Ponderosa pine.....	58	81,441	526,219	10.15	4.00-13.00
Western white pine.....	7	2,864	49,966	17.45	13.00-18.95
Western larch.....	2	1,037	11,374	10.97	8.00-11.00
Engelmann spruce.....	3	763	9,124	11.96	9.00-17.58
Douglas fir.....	15	12,016	107,193	8.92	5.00-11.00
White fir.....	4	818	7,476	9.14	6.50-12.38
Western red cedar.....	2	309	4,384	14.19	7.00-14.58
Regional total, average, or spread.....	91	99,248	1,015,735	10.23	5.00-18.95

REGION 3—GRAYS HARBOR

Individual softwoods:					
Western white pine.....	1	54	410	7.50	.....
Sitka spruce.....	26	22,041	324,421	14.72	5.20-40.85
Western hemlock.....	13	98,690	776,626	7.87	4.00-11.00
Douglas fir.....	10	217,500	2,742,241	12.61	8.71-26.53
Western red cedar.....	9	42,212	450,789	10.68	7.00-15.00
Total, average, or spread.....	65	330,503	4,201,487	11.29	4.00-40.85
Flat-rate softwoods.....	3	79,075	1,004,287	12.70	11.00-16.42
Individual hardwoods:					
Cottonwood.....	2	206	1,844	8.95	8.00-9.00
Alder.....	1	530	4,108	7.75	.....
Regional total, average, or spread.....	71	460,314	5,304,720	11.52	4.00-40.85

REGION 4—WILLAPA HARBOR

Individual softwoods:					
Western hemlock.....	1	120	600	5.00	.....
Douglas fir.....	1	1,269	11,083	8.51	.....
Western red cedar.....	2	1,462	13,525	9.25	9.12-9.60
Regional total, average, or spread.....	4	2,842	26,108	9.19	5.00-9.60

TABLE 17.—Log sales in Washington, by regions, species, and type of sale, 1931—Continued

REGION 5—COLUMBIA RIVER

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:	<i>Number</i>	<i>M. ft. b. m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Sitka spruce.....	3	223	1,862	8.35	8.00-9.00
Western hemlock.....	2	18,714	184,958	9.88	8.00-9.88
Douglas fir.....	19	70,220	629,282	8.90	5.00-14.48
Western red cedar.....	10	13,085	139,468	10.60	6.88-11.82
Total, average, or spread.....	34	102,242	953,570	9.35	5.00-14.48
Individual hardwoods:					
Maple.....	3	131	18,015	137.52	10.00-175.00
Alder.....	2	310	3,430	11.06	10.00-13.00
Regional total, average, or spread.....	39	102,683	977,015	9.51	5.00-175.00

STATE TOTALS

Individual softwoods:					
Ponderosa pine.....	58	81,441	826,219	10.15	4.00-13.00
Western white pine.....	11	3,368	51,641	16.52	7.50-18.05
Western larch.....	2	1,037	11,374	10.97	8.00-11.00
Engelmann spruce.....	3	793	9,124	11.90	9.00-17.58
Sitka spruce.....	63	46,260	681,727	14.74	5.26-40.55
Western hemlock.....	94	418,883	3,948,327	9.43	4.00-15.90
Douglas fir.....	236	1,027,681	11,897,343	11.58	1.60-20.53
White fir.....	25	7,286	79,629	10.93	4.00-13.24
Western red cedar.....	75	172,223	1,781,520	10.34	5.00-19.00
Total, average, or spread.....	567	1,758,842	10,280,904	10.07	1.60-40.85
Flat-rate softwoods.....	16	193,889	2,204,869	11.08	5.75-16.42
All softwoods.....	583	1,952,731	21,554,773	11.04	1.60-40.85
Individual hardwoods:					
Oak.....	2	66	2,070	45.00	.....
Maple.....	9	761	27,282	35.85	10.00-175.00
Cottonwood.....	7	2,297	21,383	9.31	8.00-10.54
Birch.....	2	5	112	22.40	20.00-23.00
Alder.....	21	3,958	47,475	11.99	7.75-16.00
Total, average, or spread.....	41	7,087	69,222	14.00	7.75-175.00
State total, average, or spread.....	627	1,959,818	21,633,995	11.05	1.60-175.00

TABLE 18.—Stumpage sales in Oregon, by regions, species, and type of sale, 1931

REGION 1—EASTERN OREGON

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:	<i>Number</i>	<i>M. ft. b. m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	13	45,456	116,092	2.55	0.25-3.75
Douglas fir.....	1	28	14	.50	.....
White fir.....	1	128	128	1.00	.....
Regional total, average, or spread.....	15	45,612	116,234	2.55	.25-3.75

TABLE 18.—*Stumpage sales in Oregon, by regions, species, and type of sale, 1931—Continued*

REGION 2—WESTERN OREGON

Type of sale and species	Transac-tions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Sitka spruce.....	9	7,425	20,111	2.71	0.60-5.00
Western hemlock.....	13	22,415	21,212	.95	.23-2.00
Douglas fir.....	83	272,671	616,422	2.37	.25-5.00
White fir.....	3	1,369	1,489	1.09	1.00-2.00
Incense cedar.....	1	200	500	2.50	.....
Western red cedar.....	8	10,521	10,594	1.01	.50-2.00
Port Orford cedar.....	6	6,130	47,340	7.72	1.50-13.00
Total, average, or spread.....	120	320,725	746,668	2.33	.23-13.00
Flat-rate softwoods.....	12	167,199	215,136	1.29	.50-2.25
Individual hardwoods:					
Maple.....	2	35	123	3.51	.....
Cottonwood.....	2	290	464	1.57	1.50-2.00
Alder.....	1	1	2	2.00	.....
Regional total, average, or spread.....	137	488,286	962,393	1.97	.23-13.00

REGION 3—KLAMATH

Individual softwoods:					
Ponderosa pine.....	21	33,730	122,757	3.64	1.35-6.00
Sugar pine.....	1	50	100	2.00	.....
Douglas fir.....	2	175	263	1.50	.....
Incense cedar.....	1	60	129	2.00	.....
Western red cedar.....	2	112	218	1.95	1.50-2.00
Regional total, average, or spread.....	30	34,127	123,468	3.62	1.35-6.00

STATE TOTALS

Individual softwoods:					
Ponderosa pine.....	37	79,186	238,819	3.02	0.25-6.00
Sugar pine.....	1	50	100	2.00	.....
Sitka spruce.....	9	7,425	20,111	2.71	.60-5.00
Western hemlock.....	13	22,415	21,212	.95	.23-2.00
Douglas fir.....	83	272,874	616,699	2.37	.25-5.00
White fir.....	4	1,468	1,617	1.09	1.00-2.00
Incense cedar.....	2	260	630	2.38	2.00-2.50
Western red cedar.....	10	10,631	10,812	1.02	.50-2.00
Port Orford cedar.....	6	6,130	47,340	7.72	1.50-13.00
Total, average, or spread.....	165	400,364	986,360	2.46	.23-13.00
Flat-rate softwoods.....	12	167,199	215,136	1.29	.50-2.25
All softwoods.....	177	567,563	1,201,496	2.12	.23-13.00
Individual hardwoods:					
Maple.....	2	35	123	3.51	.....
Cottonwood.....	2	290	464	1.57	1.50-2.00
Alder.....	1	1	2	2.00	.....
Regional total, average, or spread.....	152	567,995	1,202,085	2.12	.23-13.00

TABLE 19.—*Log sales in Oregon, by regions, species, and type of sale, 1931*

REGION 1—EASTERN OREGON

Species	Transac-tions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	8	29,918	368,235	12.31	6.89-12.84
Douglas fir.....	1	62	286	5.50	.....
Flat-rate softwoods.....	2	2,014	21,062	8.81	5.00-9.00
Regional total, average, or spread.....	11	32,588	391,583	12.02	5.00-12.84

TABLE 19.—Log sales in Oregon, by regions, species, and type of sale, 1931—
Continued

REGION 2—WESTERN OREGON

Species	Transac- tions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Sitka spruce.....	0	21, 145	293, 014	12. 14	7. 36-25. 00
Western hemlock.....	8	14, 530	122, 287	8. 41	6. 17-10. 50
Douglas fir.....	44	134, 473	1, 015, 760	7. 58	3. 50-20. 00
Inocense cedar.....	2	415	3, 395	7. 96	7. 00- 9. 00
Western red cedar.....	6	3, 471	32, 923	9. 49	5. 60-12. 00
Port Orford cedar.....	13	12, 969	494, 375	38. 03	16. 93-53. 00
Total, average, or spread.....	70	190, 030	1, 964, 644	10. 34	3. 50-53. 00
Flat-rate softwoods.....	3	7, 747	79, 577	10. 27	5. 25-13. 00
Individual hardwoods:					
Oak.....	1	20	480	24. 00	-----
Alder.....	4	043	10, 491	11. 13	0. 00-13. 00
Regional total, average, or spread.....	87	198, 740	2, 055, 192	10. 34	3. 50-53. 00

REGION 3—COLUMBIA RIVER

Individual softwoods:					
Sitka spruce.....	4	31, 499	487, 748	15. 48	12. 83-18. 35
Western hemlock.....	13	47, 655	456, 019	10. 20	8. 09-17. 50
Douglas fir.....	93	424, 823	4, 910, 518	11. 56	4. 50-21. 00
White fir.....	2	1, 872	10, 086	9. 07	5. 20- 9. 13
Western red cedar.....	25	3, 000	30, 704	10. 20	3. 15-13. 50
Total, average, or spread.....	137	508, 858	5, 932, 266	11. 66	3. 15-21. 00
Flat-rate softwoods.....	1	5, 643	47, 683	8. 45	-----
Individual hardwoods:					
Maple.....	2	2, 163	37, 430	17. 30	16. 87-47. 20
Ash.....	1	137	2, 311	16. 87	-----
Cottonwood.....	3	5, 222	39, 733	7. 61	7. 52- 8. 00
Alder.....	1	1, 169	19, 721	18. 87	-----
Regional total, average, or spread.....	145	523, 192	6, 079, 150	11. 82	3. 15-47. 20

REGION 4—KLAMATHI

Individual softwoods:					
Ponderosa pine.....	34	52, 837	678, 548	12. 84	6. 00-15. 50
Sugar pine.....	2	1, 191	12, 871	11. 69	11. 00-13. 00
Douglas fir.....	3	1, 278	11, 395	8. 92	6. 50-10. 00
Inocense cedar.....	2	291	2, 898	9. 96	9. 80-19. 00
Port Orford cedar.....	1	32	320	10. 00	-----
Regional total, average, or spread.....	42	55, 599	700, 032	12. 70	6. 00-15. 50

STATE TOTAL

Individual softwoods:					
Ponderosa pine.....	42	82, 755	1, 046, 783	12. 65	6. 00-15. 50
Sugar pine.....	2	1, 191	12, 871	11. 69	11. 00-13. 00
Sitka spruce.....	10	55, 641	750, 762	14. 03	7. 30-25. 00
Western hemlock.....	21	62, 191	608, 277	9. 78	6. 17-11. 50
Douglas fir.....	141	560, 626	5, 941, 259	10. 60	3. 50-21. 00
White fir.....	2	1, 872	10, 086	9. 07	5. 20- 9. 13
Inocense cedar.....	4	705	6, 293	8. 79	7. 00-10. 00
Western red cedar.....	31	6, 460	63, 627	9. 82	3. 15-13. 50
Port Orford cedar.....	14	13, 031	494, 695	37. 95	10. 00-53. 00
Total, average, or spread.....	267	784, 465	8, 071, 443	11. 43	3. 15-53. 00
Flat-rate softwoods.....	6	16, 008	150, 322	9. 39	5. 00-13. 00
All softwoods.....	273	800, 473	8, 121, 765	11. 49	3. 15-53. 00
Individual hardwoods:					
Oak.....	1	20	480	24. 00	-----
Maple.....	2	2, 163	37, 430	17. 30	16. 87-47. 20
Ash.....	1	137	2, 311	16. 87	-----
Cottonwood.....	3	5, 222	39, 733	7. 61	7. 52- 8. 00
Alder.....	5	2, 112	30, 212	14. 30	9. 00-16. 87
Total, average, or spread.....	12	9, 654	110, 172	11. 41	7. 52-47. 20
State total, average, or spread.....	285	810, 128	8, 231, 937	11. 49	3. 15-53. 00

TABLE 20.—Total stumpage and log sales reported, by species and type of sale, 1932

STUMPAGE SALES

Species and type of sale	Trans- actions	Quantity	Value	Average price per M ft. b.m.	Distribu- tion by volume
	Number	M ft. b.m.	Dollars	Dollars	Percent
Individual softwoods:					
Ponderosa pine.....	239	303,861	927,387	2.36	20.42
Western white pine.....	8	9,222	61,302	6.65	1.75
Lodgepole pine.....	7	803	1,514	1.89	.04
Sugar pine.....	13	5,082	14,370	2.40	.41
Norway pine.....	3	206	618	3.00	.02
Jack pine.....	3	370	780	2.11	.02
Northern white pine.....	71	20,418	130,479	6.39	3.72
Pitch pine.....	2	479	878	1.83	.02
Longleaf pine.....	36	91,128	637,144	6.99	18.15
Shortleaf pine.....	225	140,481	410,000	2.92	11.68
Southern yellow pine ¹	31	23,289	78,842	3.30	2.25
Western larch.....	26	4,712	4,769	1.00	.13
Tamarack.....	2	42	28	.67	(²)
Engelmann spruce.....	6	193	440	2.28	.01
Sitka spruce.....	15	10,647	23,321	2.21	.07
Eastern spruce.....	16	4,641	28,269	6.99	.80
Eastern hemlock.....	28	5,313	13,187	2.48	.38
Western hemlock.....	13	62,032	65,538	1.06	1.87
Douglas fir.....	211	385,884	850,800	2.20	24.24
White fir.....	10	5,107	3,035	.59	.09
Balsam fir.....	4	248	1,077	4.34	.03
Cypress.....	17	7,742	32,906	4.26	.94
Redwood.....	8	35,345	105,203	2.98	3.00
Incense cedar.....	12	4,098	2,850	.01	.08
Western red cedar.....	32	33,678	109,043	3.27	3.13
Northern white cedar.....	9	2,468	2,591	.54	.07
Port Orford cedar.....	2	200	1,280	4.92	.04
Eastern red cedar.....	5	195	1,400	4.18	.04
Total or average.....	1,055	1,246,747	3,510,359	2.82	100.00
Individual hardwoods:					
Oak.....	83	9,443	50,757	5.38	18.88
Red oak.....	64	4,606	20,077	4.36	7.47
White oak.....	74	3,408	24,414	7.16	9.08
Soft maple.....	4	380	2,010	5.29	.75
Hard maple.....	5	790	4,139	5.20	1.54
Maple ¹	53	7,925	50,602	6.39	18.62
Elm ¹	25	1,167	6,291	5.37	2.31
Ash.....	10	425	3,058	6.29	1.47
Black walnut.....	10	146	3,683	25.23	1.37
Red gum.....	17	11,561	44,072	3.81	16.39
Tupelo gum.....	3	2,382	5,125	2.03	1.91
Black gum.....	3	5,938	14,299	2.44	5.30
Sycamore.....	4	125	340	2.72	.13
Aspen.....	3	303	325	.90	.12
Cottonwood.....	1	70	190	2.71	.07
Yellow poplar.....	10	822	2,039	3.21	.98
Birch ¹	23	2,350	17,309	7.40	6.47
Hickory ¹	13	207	694	3.35	.26
Cherry.....	1	5	54	10.00	.02
Basswood.....	15	320	2,028	8.21	.95
Chestnut.....	21	904	2,704	2.99	1.00
Beech.....	38	3,570	12,008	3.39	4.50
Magnolia.....	2	201	439	2.18	.16
Total or average.....	506	57,168	268,844	4.70	100.00
Individual softwoods.....	1,055	1,246,747	3,510,359	2.82	66.00
Individual hardwoods.....	506	57,168	268,844	4.70	5.05
Flat-rate softwoods.....	76	350,015	822,823	2.31	15.47
Flat-rate hardwoods.....	64	101,854	462,448	4.54	8.70
Flat-rate mixed.....	105	84,317	254,122	3.01	4.78
Total or average.....	1,806	1,810,101	5,318,566	2.88	100.00

¹ Species not reported.² Less than 0.5 percent.

TABLE 20.—Total stumpage and log sales reported, by species and type of sale, 1932—Continued

LOG SALES

Species and type of sale	Transactions	Quantity	Value	Average price per M ft. b.m.	Distribution by volume
	Number	M ft. b.m.	Dollars	Dollars	Percent
Individual softwoods:					
Ponderosa pine.....	114	177,161	1,861,854	10.51	9.09
Western white pine.....	11	11,900	177,267	14.90	.61
Lodgepole pine.....	5	310	5,029	16.19	.01
Sugar pine.....	1	200	1,600	8.00	.01
Norway pine.....	16	609	10,417	17.11	.03
Jack pine.....	3	904	9,064	10.03	.05
Northern white pine.....	127	20,075	307,311	14.87	1.06
Pitch pine.....	1	121	1,210	10.00	.01
Longleaf pine.....	10	8,882	101,029	11.37	.46
Shortleaf pine.....	110	101,308	777,966	7.67	5.21
Southern yellow pine ¹	22	19,544	176,178	9.01	1.00
Western larch.....	15	2,084	15,571	7.47	.11
Tamarack.....	3	73	1,077	14.75	(²)
Englemann spruce.....	2	520	5,825	13.13	.03
Sitka spruce.....	04	123,838	1,455,187	11.05	6.07
Eastern spruce.....	39	3,010	43,511	14.46	.15
Eastern hemlock.....	77	7,553	89,283	11.82	.39
Western hemlock.....	100	280,580	2,230,200	7.78	14.71
Douglas fir.....	280	972,046	9,215,012	9.47	49.95
White fir.....	20	0,145	60,050	0.57	.47
Balsam fir.....	11	5,141	105,166	20.45	.26
Cypress.....	48	17,915	237,083	13.23	.92
Redwood.....	1	140	1,120	8.00	.01
Incense cedar.....	4	1,408	10,754	7.64	.07
Western red cedar.....	153	148,029	1,413,101	9.48	7.65
Northern white cedar.....	8	414	7,083	17.11	.03
Port Orford cedar.....	12	20,100	618,894	30.79	1.03
Eastern red cedar.....	6	298	7,471	25.07	.02
Total or average.....	1,271	1,947,874	18,926,363	9.72	100.00
Individual hardwoods:					
Oak ¹	168	18,614	254,927	13.70	13.09
Willow.....	1	282	917	3.25	.20
Red oak.....	72	9,720	133,708	13.76	6.81
White oak.....	61	7,746	122,751	15.85	5.45
Soft maple.....	13	211	3,072	14.56	.15
Hard maple.....	33	3,661	59,359	16.22	2.58
Maple ¹	132	17,630	323,890	18.36	12.41
Elm ¹	61	1,802	30,925	17.16	1.27
Rock elm.....	4	213	3,745	17.68	.15
Ash.....	93	2,827	69,941	24.74	1.99
Black walnut.....	36	3,221	200,508	64.11	2.27
Butternut.....	4	10	177	17.70	.01
Red gum.....	51	28,520	415,193	14.56	20.06
Tupelo gum.....	19	10,366	128,018	12.35	7.29
Black gum.....	9	1,889	13,720	7.26	1.33
Sycamore.....	15	188	1,868	9.94	.13
Locust.....	3	73	1,443	19.77	.05
Aspen.....	6	263	3,017	8.34	.25
Cottonwood.....	49	7,812	61,221	8.19	5.52
Yellow poplar.....	50	6,834	120,255	17.60	4.81
Birch ¹	83	7,080	168,587	23.79	4.98
Alder.....	21	3,055	35,931	9.83	2.57
Pecan.....	1	50	500	10.00	.03
Hickory.....	20	586	17,992	30.65	.41
Cherry.....	16	89	1,016	13.08	.06
Hasswood.....	71	2,823	49,555	17.55	1.09
Chestnut.....	16	471	4,000	8.49	.33
Beech.....	48	4,808	72,348	14.77	3.45
Magnolia.....	11	467	5,244	11.23	.33
Total or average.....	1,008	142,137	2,312,841	16.27	100.00
Individual softwoods.....	1,271	1,947,874	18,926,363	9.72	88.10
Individual hardwoods.....	1,008	142,137	2,312,841	16.27	6.33
Flat-rate softwoods.....	36	68,873	582,390	8.17	3.11
Flat-rate hardwoods.....	58	27,004	478,505	17.65	1.23
Flat-rate mixed.....	28	21,997	361,904	14.50	1.13
Total or average.....	2,301	2,210,941	22,642,006	10.24	100.00

¹ Species not reported.² Less than 0.5 percent.

TABLE 21.—Total stumpage and log sales reported, by States: Volume, 1932; distribution, 1931 and 1932

State	Stumpage			Logs		
	Volume, 1932	Distribution		Volume, 1932	Distribution	
		1932	1931		1932	1931
	<i>M ft. b.m.</i>	<i>Percent</i>	<i>Percent</i>	<i>M ft. b.m.</i>	<i>Percent</i>	<i>Percent</i>
Alabama.....	17,482	0.95	2.76	23,109	1.05	0.76
Arizona.....	2,742	.15	.04		(¹)	
Arkansas.....	15,781	1.02	1.09	31,853	1.44	1.21
California.....	145,295	7.87	28.39	53,108	2.41	8.3
Colorado.....	68,955	3.74	.16	1,078	.05	(¹)
Connecticut.....	901	.05	.08			
Delaware.....	1,254	.07	.03	3,026	.10	.09
Florida.....	24,854	1.35	1.88	15,594	.71	.74
Georgia.....	20,683	1.45	1.20	13,145	.60	.73
Idaho.....	35,348	1.91	1.03	15,841	.72	.46
Illinois.....	45		.01	1,932	.09	.12
Indiana.....	4,561	.25	.18	2,502	.11	.19
Iowa.....	50		(¹)	104		(¹)
Kansas.....				402	.02	.04
Kentucky.....	68,525	3.71	1.86	4,610	.21	.17
Louisiana.....	29,195	1.58	1.16	25,252	1.14	.99
Maine.....	13,174	.71	.01	21,602	.99	.58
Maryland.....	3,340	.18	.32	330	.02	(¹)
Massachusetts.....	6,682	.35	.31	4,790	.22	.24
Michigan.....	32,287	.67	1.05	15,210	.69	1.40
Minnesota.....	1,680	.06	.20	2,915	.13	.51
Mississippi.....	74,060	4.00	.35	27,833	1.26	2.14
Missouri.....	923	.05	.14	5,023	.25	.33
Montana.....	7,216	.30	2.23	3,852	.04	.86
Nebraska.....	36					
New Hampshire.....	11,000	.60	.83	5,488	.25	.30
New Jersey.....	75		.02	250	.01	(¹)
New Mexico.....	3,119	.17	.10	20,238	.92	.41
New York.....	10,450	1.05	.49	10,057	.50	.50
North Carolina.....	75,216	4.07	1.89	55,900	2.52	1.72
Ohio.....	6,763	.37	.52	5,395	.24	.19
Oklahoma.....	5,204	.28	.38	3,156	.14	.21
Oregon.....	420,150	23.25	17.31	652,482	24.95	22.81
Pennsylvania.....	11,608	.60	1.20	2,417	.11	.38
Rhode Island.....	1,378	.07	.04			
South Carolina.....	37,039	2.01	.85	31,035	1.43	1.11
South Dakota.....	335	.02		725	.03	(¹)
Tennessee.....	3,408	.18	.31	15,546	.70	1.32
Texas.....	25,007	1.35	.71	3,240	.15	.44
Utah.....	298	.02		228	.01	(¹)
Vermont.....	1,152	.06	.33	8,735	.39	.31
Virginia.....	17,859	.97	1.52	11,800	.53	.89
Washington.....	610,088	33.37	22.05	1,191,445	53.89	55.18
West Virginia.....	11,165	.60	5.61	5,728	.29	.65
Wisconsin.....	0,441	.35	.39	13,391	.63	1.63
Wyoming.....	500	.03	(¹)			
Average.....	1,846,101	100.00	100.00	2,210,611	100.00	100.00

¹ Less than one tenth of 1 percent.

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932

PONDEROSA PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Arizona.....	\$2.42		\$1.50-\$2.75			
California.....	2.58		.37-5.00	\$11.27	\$11.81	\$8.00-\$12.88
Colorado.....	3.23	\$1.13	1.00-5.00	9.00	9.00	
Idaho.....	2.30		2.00-3.00	8.80	3.56	4.00-10.00
Montana.....	2.34		.93-3.50	10.61	10.94	7.00-12.00
Nebraska.....	2.00					
New Mexico.....	2.33		1.50-4.00	15.87	15.87	0.50-15.00
Oregon.....	2.00	1.50	.50-4.95	9.30	0.25	5.00-12.00
South Dakota.....	4.22		4.00-5.00	17.00	17.00	
Utah.....	2.50			8.15	8.15	7.00-8.50
Washington.....	2.15	1.00	.27-8.00	9.18	0.23	4.50-14.50
Wyoming.....	2.25					
Average or spread.....	2.36	1.15	.27-8.00	10.51	10.60	4.00-17.00

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932—Continued

WESTERN WHITE PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Idaho.....	\$6.42	\$1.00	\$4.00-\$7.00	\$15.34	\$12.73	\$10.00-\$16.00
Montana.....	5.00					
Washington.....	13.28		3.50-14.00	14.40	14.40	11.50- 15.25
Average or spread.....	6.65	4.00	3.50-14.00	14.90	14.12	10.00- 16.00

LODGEPOLE PINE

Colorado.....	\$2.11	\$3.00	\$2.00-\$3.00	\$18.88	\$18.88	\$11.00-\$20.00
Montana.....	1.39		1.00- 1.50	7.00	7.00	5.50- 9.50
Wyoming.....	1.00					
Average or spread.....	1.89	3.00	1.00- 3.00	16.19	16.19	5.50- 20.00

SUGAR PINE

California.....	\$2.38		\$0.98-\$4.00			
Oregon.....	2.55		1.00- 3.00	\$3.00		
Average or spread.....	2.40		.98- 4.00	3.00		

NORWAY PINE

Maine.....	\$3.00	\$3.00				
Michigan.....				\$12.75	\$12.75	\$12.00-\$15.00
Minnesota.....				16.92	16.92	5.00- 18.00
New Hampshire.....				19.46		
Wisconsin.....				14.67	14.67	14.00- 15.00
Average or spread.....	3.00	3.00		17.11	16.68	8.00- 19.45

JACK PINE

Minnesota.....	\$2.11	\$2.11	\$2.00-\$4.00	\$10.03	\$13.18	\$6.00-\$16.00
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NORTHERN WHITE PINE

Connecticut.....	\$13.00	\$13.00				
Maine.....	6.25	6.24	\$2.00-\$10.00	\$16.49	\$13.63	\$3.00-\$18.00
Massachusetts.....	9.24	9.26	1.50- 14.00	10.52	10.57	5.00- 15.00
Michigan.....	5.18	8.20	5.00- 10.00	15.41	15.31	8.00- 18.00
Minnesota.....	1.11	1.11		14.89	14.80	8.00- 20.00
New Hampshire.....	3.68	3.68	2.00- 12.00	13.67	14.52	8.00- 21.00
New York.....	3.15	2.36	1.75- 8.00	14.23	14.23	10.00- 20.00
North Carolina.....	2.00	2.00				
Pennsylvania.....	12.00	12.00		17.38	17.38	10.00- 22.00
Rhode Island.....	5.00	5.00				
Tennessee.....				12.24	12.24	12.00- 12.50
Vermont.....				14.83	14.83	10.00- 20.00
West Virginia.....	3.00					
Wisconsin.....	8.00			13.81	13.76	8.31- 30.00
Average or spread.....	6.39	6.35	1.11- 14.00	14.87	13.53	5.00- 30.00

PITCH PINE

Maine.....	\$1.83	\$1.83	\$1.00-\$2.00			
Massachusetts.....				\$10.00		

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932—Continued

SHORTLEAF PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$1.08	\$1.77	\$1.00-\$4.00	\$5.01	\$5.01	\$4.00-\$10.00
Arkansas.....	1.96	1.42	1.00-3.50	6.55	6.55	2.75-10.00
Delaware.....	4.75	5.00	4.50-5.00			
Florida.....	3.00					
Georgia.....	1.69	1.44	.75-5.00	6.40	6.40	4.00-11.27
Louisiana.....	4.06	3.49	1.50-6.00	8.51	8.41	3.41-17.23
Maryland.....	5.25	5.25	4.00-6.00			
Mississippi.....	3.03	1.72	1.00-4.24	7.00	7.00	
Missouri.....	1.12	3.00	1.00-3.00	7.78	6.75	6.00-10.00
North Carolina.....	3.63	3.65	.50-5.27	8.24	8.24	3.80-11.84
Oklahoma.....	1.68	1.00	.91-3.33	4.10	4.10	4.00-6.00
South Carolina.....	1.73	1.66	.50-3.00	8.71	8.71	5.50-13.00
Texas.....	2.04	1.95	1.00-3.33	5.16	5.16	3.75-6.00
Virginia.....	2.51	2.53	1.00-6.00	8.86	8.86	7.00-10.00
Average or spread.....	2.92	2.90	.50-6.00	7.67	7.60	2.75-17.23

LONGLEAF PINE

Alabama.....	\$3.60		\$3.50-\$5.00	\$12.85	\$12.85	\$8.54-\$15.00
Florida.....	5.32	\$4.77	2.00-10.00	9.25	8.26	7.00-13.00
Georgia.....	3.99	4.15	2.45-7.00	9.00	5.00	5.00-11.00
Louisiana.....				6.00	6.00	
Mississippi.....	7.99	2.00	2.00-8.00			
Texas.....	4.09	4.09	2.59-5.00	13.46	10.00	10.00-37.62
Average or spread.....	6.99	4.63	2.00-10.00	11.37	10.62	5.00-37.02

SOUTHERN YELLOW PINE—SPECIES NOT REPORTED

Alabama.....	\$1.45	\$1.41	\$1.00-\$2.00	\$10.00	\$10.00	
Florida.....				9.00	9.00	
Georgia.....	3.04	3.10	2.00-5.00	11.23	11.26	\$5.50-\$17.18
Louisiana.....	5.34	5.34	.90-6.00	6.27	6.27	5.50-7.00
Mississippi.....	5.63	2.00	2.00-6.00	7.49	7.49	5.00-8.20
Missouri.....				6.00	6.00	
South Carolina.....	2.37	3.75	.03-7.32	7.50	7.50	2.54-9.28
Texas.....				8.00		
Average or spread.....	3.30	3.30	.90-7.32	9.01	9.02	2.54-17.18

ALL SOUTHERN PINES

Alabama.....	\$2.05	\$1.74	\$1.00-\$5.00	\$8.45	\$8.45	\$4.00-\$15.00
Arkansas.....	1.96	1.42	1.00-3.50	6.55	6.55	2.75-10.00
Delaware.....	4.75	5.00	4.50-5.00			
Florida.....	5.29	4.77	2.00-10.00	9.26	8.45	7.00-13.00
Georgia.....	2.50	2.62	.75-7.00	10.13	10.19	4.00-17.18
Louisiana.....	4.22	3.77	.50-6.00	8.23	8.58	3.41-17.23
Maryland.....	5.25	5.25	4.00-6.00			
Mississippi.....	7.44	1.77	1.00-8.00	7.49	7.49	5.00-8.20
Missouri.....	1.12	3.00	1.00-3.00	7.62	6.63	6.00-10.00
North Carolina.....	3.63	3.65	.60-5.27	8.24	8.24	3.50-11.84
Oklahoma.....	1.68	1.00	.91-3.33	4.10	4.10	4.00-6.00
South Carolina.....	2.10	2.36	.50-7.32	8.38	8.38	2.54-13.00
Texas.....	2.15	2.10	1.00-5.00	11.02	8.44	3.75-37.62
Virginia.....	2.51	2.53	1.00-6.00	8.86	8.86	7.00-10.00
Average or spread.....	4.42	3.14	.50-10.00	8.13	8.05	2.54-37.62

WESTERN LARCH

Idaho.....	\$6.94		\$0.50-\$1.50	\$7.42	\$7.75	\$6.00-\$8.50
Montana.....	1.78	\$1.50	.50-2.55	9.19	9.19	6.50-11.00
Oregon.....	.50			7.00	7.00	
Washington.....	.81		.60-1.25	6.97	6.97	6.00-7.50
Average or spread.....	1.00	1.50	.50-2.55	7.47	7.71	6.00-11.00

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932—Continued

TAMARACK

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Michigan.....	\$0.67	\$1.00	\$0.60-\$1.00	\$17.00	\$17.00	-----
Minnesota.....	-----	-----	-----	9.19	9.19	\$9.00-\$13.00
Average or spread.....	.67	1.00	.60- 1.00	14.75	14.75	9.00- 17.00

ENGELMANN SPRUCE

Colorado.....	\$2.60	-----	\$2.00-\$3.00	\$10.00	\$16.00	-----
Utah.....	1.50	-----	-----	-----	-----	-----
Washington.....	-----	-----	-----	13.25	-----	-----
Wyoming.....	2.50	-----	-----	-----	-----	-----
Average or spread.....	2.28	-----	1.50- 3.00	13.13	10.00	\$10.00-\$13.25

SITKA SPRUCE

California.....	\$1.00	-----	-----	\$13.02	-----	\$12.70-\$13.50
Oregon.....	1.15	-----	\$0.80-\$1.50	10.49	\$10.88	5.50- 22.75
Washington.....	2.72	\$0.29	.29- 4.00	11.16	10.30	5.00- 20.20
Average or spread.....	2.21	.29	.29- 4.00	11.05	10.66	5.00- 22.75

EASTERN SPRUCE

Maine.....	\$7.84	\$7.57	\$6.00-\$10.00	\$16.45	\$13.51	\$12.00-\$22.00
Massachusetts.....	3.00	3.00	-----	37.50	-----	-----
Michigan.....	4.06	-----	3.75- 6.00	14.32	14.32	12.00- 14.70
Minnesota.....	-----	-----	-----	13.08	13.08	9.00- 16.00
New Hampshire.....	3.00	3.00	-----	11.15	11.15	10.00- 12.00
New York.....	5.00	5.00	-----	15.21	15.21	15.00- 30.00
Vermont.....	6.00	6.00	-----	12.15	12.46	9.00- 15.00
Average or spread.....	6.09	5.34	3.00- 10.00	14.46	12.98	9.00- 37.50

EASTERN HEMLOCK

Maine.....	\$2.96	\$2.90	\$2.00-\$5.00	\$12.49	\$12.46	\$7.00-\$25.00
Maryland.....	7.00	-----	-----	-----	-----	-----
Massachusetts.....	-----	-----	-----	10.14	10.14	10.00- 10.50
Michigan.....	1.57	1.80	.50- 5.00	8.29	8.22	5.50- 15.00
New Hampshire.....	3.12	3.12	2.00- 3.18	10.38	10.38	9.00- 15.00
New York.....	3.46	3.30	3.00- 5.00	12.91	12.37	7.50- 30.00
Pennsylvania.....	0.57	-----	3.00- 8.00	4.60	4.60	3.00- 14.00
Vermont.....	-----	-----	-----	10.84	10.84	10.00- 18.00
Wisconsin.....	4.00	-----	-----	14.06	10.33	6.00- 15.00
Average or spread.....	2.48	3.03	.50- 8.00	11.82	10.11	3.00- 30.00

WESTERN HEMLOCK

California.....	-----	-----	-----	\$10.00	-----	-----
Idaho.....	-----	-----	-----	8.50	\$6.50	-----
Oregon.....	\$0.94	-----	\$0.50-\$1.00	7.53	7.52	\$4.00-\$9.65
Washington.....	1.06	\$0.11	.11- 2.00	7.89	7.81	1.25-12.00
Average or spread.....	1.06	.11	.11- 2.00	7.78	7.80	1.25-12.00

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932—Continued

DOUGLAS FIR

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
California.....	\$1.30	\$2.00	\$0.75-\$2.00	\$16.17	\$16.17	\$0.00-\$17.56
Colorado.....	3.00			8.00		
Idaho.....	.81		.50-1.00	8.09	8.74	0.00-9.00
Montana.....	1.64	1.60	.50-2.65	8.30	8.50	5.50-11.00
Oregon.....	1.46	.91	.50-4.00	8.61	8.38	2.00-24.00
Utah.....	2.50					
Washington.....	2.00	1.63	.25-4.00	9.57	9.38	2.75-20.41
Wyoming.....	2.50					
Average or spread.....	2.20	1.24	.25-4.00	9.47	9.68	2.00-24.00

WHITE FIR

California.....	\$1.18		\$1.00-\$2.00	\$3.00	\$3.00	
Colorado.....	2.00					
Idaho.....				7.50	7.50	
Oregon.....	.89	\$0.75	.75-1.25	0.59		\$2.00-\$3.00
Washington.....	.43	.11	.11-1.00	6.52	5.00	1.26-12.25
Average or spread.....	.59	.22	.11-2.00	0.57	5.06	1.20-15.00

BALSAM FIR

Maine.....	\$6.00	\$6.00		\$20.96	\$13.17	\$14.00-\$22.00
Michigan.....	1.56		\$1.00-\$1.60	13.00	13.00	
Minnesota.....	1.00	1.00		8.61	8.61	8.00-13.00
New Hampshire.....				12.00	12.00	
Vermont.....				11.63	11.63	11.28-12.00
Average or spread.....	4.34	4.65	1.00-6.00	20.45	11.59	8.00-22.00

CYPRESS

Alabama.....				\$11.54	\$11.54	\$10.00-\$12.00
Arkansas.....	\$6.00	\$6.00		10.75	10.75	6.00-15.00
Florida.....	6.17		\$4.04-\$11.93	15.17	15.17	5.00-21.25
Georgia.....	4.19	3.00	1.50-5.00	15.42	15.42	13.78-18.00
Louisiana.....	4.96		2.00-7.29	13.37	13.37	12.00-15.07
Mississippi.....	4.00	4.00		11.62	11.62	11.00-12.00
Missouri.....				7.96	7.96	7.50-12.00
North Carolina.....	1.50	1.50		10.06	10.06	0.00-12.00
South Carolina.....				8.03	8.03	0.00-10.50
Tennessee.....	2.50			10.00	10.00	
Average or spread.....	4.26	3.80	1.50-11.93	13.23	13.27	5.00-21.25

REDWOOD

California.....	\$2.98		\$1.19-\$4.00	\$8.00	\$8.00	
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INCENSE CEDAR

California.....	\$0.62	\$1.73	\$0.50-\$3.00	\$7.96	\$7.96	\$7.50-\$10.00
Oregon.....	.50			7.61	8.00	5.25-8.00
Average or spread.....	.61	1.73	.50-3.00	7.64	7.98	5.25-10.00

WESTERN RED CEDAR

Idaho.....	\$1.61			\$6.69	\$8.28	\$4.50-\$6.00
Oregon.....	.96		\$0.50-\$2.00	8.14	6.74	6.50-11.00
Washington.....	3.34	\$0.17	.17-4.00	9.69	10.33	3.50-14.00
Average or spread.....	3.27	.17	.17-4.00	9.48	10.32	3.50-14.00

TABLE 22.—Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1932—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine.....	\$6.00	\$6.00	-----	\$17.61	\$14.50	\$10.00-\$25.00
Michigan.....	2.65	1.50	\$1.00-\$3.00	12.93	11.50	11.50-13.00
Minnesota.....	-----	-----	-----	12.00	12.00	-----
Average or spread.....	5.54	5.93	1.00-6.00	17.11	14.46	10.00-25.00
PORT ORFORD CEDAR						
Oregon.....	\$4.92	-----	\$4.00-\$8.00	\$30.79	\$30.82	\$5.00-\$10.00
EASTERN RED CEDAR						
Alabama.....	\$8.40	\$7.00	\$7.00-\$10.00	\$25.00	\$25.00	-----
Florida.....	-----	-----	-----	35.00	35.00	-----
North Carolina.....	5.00	5.00	-----	20.00	20.00	-----
Tennessee.....	-----	-----	-----	24.36	24.36	\$18.00-\$25.00
Virginia.....	-----	-----	-----	15.00	-----	-----
Average or spread.....	7.18	5.83	5.00-10.00	25.07	25.28	15.00-35.00
ALL SPECIES						
Alabama.....	\$2.10	\$1.76	\$1.00-\$10.00	\$8.86	\$8.86	\$4.00-\$25.00
Arizona.....	2.42	-----	1.50-2.75	-----	-----	-----
Arkansas.....	1.99	1.61	1.00-8.00	6.78	6.77	2.75-15.00
California.....	2.57	1.82	.37-5.00	11.84	12.30	6.00-17.56
Colorado.....	3.22	1.52	1.00-5.00	10.97	12.14	8.00-20.00
Connecticut.....	13.00	13.00	-----	-----	-----	-----
Delaware.....	4.75	5.00	4.50-5.00	-----	-----	-----
Florida.....	5.32	4.77	2.00-11.83	13.14	13.15	5.00-35.00
Georgia.....	2.90	2.62	.75-7.00	10.64	10.66	4.00-18.05
Idaho.....	3.57	4.00	.50-7.00	11.20	9.26	4.00-16.00
Louisiana.....	4.45	3.77	.90-7.29	10.87	10.86	3.41-17.23
Maine.....	6.40	5.88	1.00-10.00	17.42	13.40	7.00-25.00
Maryland.....	5.26	5.25	4.00-7.00	-----	-----	-----
Massachusetts.....	9.10	9.12	1.50-14.00	10.54	10.55	6.00-37.50
Michigan.....	2.05	3.25	.50-10.00	9.60	9.51	5.50-18.00
Minnesota.....	1.52	1.52	1.00-4.00	13.31	14.73	8.00-20.00
Mississippi.....	7.43	2.06	1.00-8.00	7.87	7.87	5.00-12.00
Missouri.....	1.12	3.00	1.00-3.00	7.73	7.24	6.00-12.00
Montana.....	2.17	1.50	.50-5.00	9.51	9.51	5.50-12.00
Nebraska.....	2.00	-----	-----	-----	-----	-----
New Hampshire.....	3.48	3.43	2.00-12.00	13.52	13.49	8.00-21.00
New Mexico.....	2.33	-----	1.50-4.00	15.87	15.87	6.50-15.96
New York.....	3.28	2.87	1.75-8.00	13.72	13.59	7.50-30.00
North Carolina.....	3.63	3.63	.60-5.27	8.34	8.33	3.50-20.00
Oklahoma.....	1.68	1.00	.91-3.33	4.10	4.10	4.00-6.00
Oregon.....	1.70	.91	.50-8.00	9.41	9.71	2.00-40.00
Pennsylvania.....	10.71	12.00	3.00-12.00	7.82	7.62	3.00-22.00
Rhode Island.....	5.00	5.00	-----	-----	-----	-----
South Carolina.....	2.19	2.36	.50-7.32	8.38	8.38	2.54-13.00
South Dakota.....	4.22	-----	4.00-5.00	17.00	17.00	-----
Tennessee.....	2.50	-----	-----	13.46	13.46	10.00-25.00
Texas.....	2.15	2.10	1.00-5.00	11.02	8.44	3.75-37.62
Utah.....	2.33	-----	1.50-2.50	8.15	8.15	7.00-8.50
Vermont.....	6.00	6.00	-----	12.14	12.25	9.00-20.00
Virginia.....	2.51	2.53	1.00-0.00	8.87	8.86	7.00-15.00
Washington.....	2.55	1.23	.11-14.00	9.57	9.22	1.26-20.41
West Virginia.....	3.00	-----	-----	-----	-----	-----
Wisconsin.....	6.00	-----	4.00-8.00	13.98	12.95	6.00-30.00
Wyoming.....	2.18	-----	1.00-2.50	-----	-----	-----
Average or spread.....	2.82	3.01	.11-14.00	9.72	9.53	1.26-40.00

TABLE 23.—Prices per thousand feet board measure of softwood stumpage and logs, flat-rate sales, by States, 1932

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
California.....	\$2.23		\$1.11-\$4.00	\$13.98	\$13.98	
Colorado.....	2.60		2.50-3.00	15.00	15.00	
Idaho.....	1.45		.50-2.00	5.47	5.47	\$4.50-\$8.00
Maine.....	1.73	\$1.73	.50-5.00	9.91	9.91	7.00-12.50
Montana.....	2.93		2.00-3.00	10.00	10.00	
New Hampshire.....	4.00	4.00		8.07	8.47	7.00-11.00
New Mexico.....	2.00		2.00-2.50			
New York.....				13.36	13.36	12.50-13.50
Oregon.....	1.79	2.00	.30-2.50	6.31	6.31	6.00-6.33
Vermont.....				13.58	13.58	10.00-10.00
Washington.....	2.47	.50	.14-3.00	8.22	8.22	4.75-11.00
Average or spread.....	2.31	2.40	.14-5.00	8.17	8.17	4.50-16.00

TABLE 24.—Prices per thousand feet board measure of softwood stumpage and logs, all sales, by States, 1932

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$2.10	\$1.76	\$1.00-\$10.00	\$8.86	\$8.86	\$4.00-\$6.50
Arizona.....	2.42		1.50-2.75			
Arkansas.....	1.99	1.61	1.00-8.00	6.76	6.77	2.75-15.00
California.....	2.47	1.82	.37-5.00	11.88	12.34	0.00-17.66
Colorado.....	3.21	1.52	1.00-5.00	11.04	12.21	8.00-20.00
Connecticut.....	13.00	13.00				
Delaware.....	4.75	5.00	4.50-5.00			
Florida.....	5.32	4.77	2.00-11.93	13.14	13.15	5.00-35.00
Georgia.....	2.90	2.62	.75-7.00	10.64	10.66	4.00-18.95
Idaho.....	2.74	4.00	.50-7.00	11.05	9.08	4.00-16.00
Louisiana.....	4.45	3.77	.90-7.20	10.87	10.86	3.41-17.23
Maine.....	0.17	5.00	.50-10.00	17.10	12.84	7.00-25.00
Maryland.....	5.20	5.25	4.00-7.00			
Massachusetts.....	9.10	9.12	1.50-14.00	10.54	10.55	5.00-37.50
Michigan.....	2.05	3.28	.50-10.00	9.60	9.51	5.50-18.00
Minnesota.....	1.52	1.52	1.00-4.00	13.31	14.73	6.00-20.00
Mississippi.....	7.43	2.06	1.00-8.00	7.87	7.87	5.00-12.00
Missouri.....	1.12	8.00	1.00-3.00	7.73	7.24	6.00-12.00
Montana.....	2.24	1.60	.50-5.00	9.62	9.52	5.50-12.00
Nebraska.....	2.00					
New Hampshire.....	3.54	3.54	2.00-12.00	11.53	11.78	7.00-21.00
New Mexico.....	2.29		1.50-4.00	15.87	16.87	6.50-15.00
New York.....	3.28	2.61	1.75-8.00	13.70	13.57	7.50-20.00
North Carolina.....	3.03	3.65	.60-5.27	8.34	8.33	3.50-20.00
Oklahoma.....	1.68	1.00	.91-3.33	4.10	4.10	4.00-6.00
Oregon.....	1.71	.93	.30-8.00	9.37	9.64	2.00-40.00
Pennsylvania.....	10.71	12.00	3.00-12.00	7.62	7.62	3.00-22.00
Rhode Island.....	5.00	5.00				
South Carolina.....	2.19	2.35	.50-7.32	8.38	8.38	2.54-13.00
South Dakota.....	4.22		4.00-5.00	17.00	17.00	
Tennessee.....	2.50			13.46	13.46	10.00-25.00
Texas.....	2.15	2.10	1.00-5.00	11.02	8.44	3.75-37.02
Utah.....	2.33		1.50-2.50	8.15	8.15	7.00-8.50
Vermont.....	6.00	6.00		12.47	12.67	9.00-20.00
Virginia.....	2.51	2.53	1.00-8.00	8.87	8.86	7.00-15.00
Washington.....	2.52	1.22	.11-14.00	9.51	9.16	1.26-20.41
West Virginia.....	3.00					
Wisconsin.....	6.00		4.00-8.00	13.98	12.95	6.00-30.00
Wyoming.....	2.18		1.00-2.50			
Average or spread.....	2.70	3.01	.11-14.00	9.66	9.47	1.26-40.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932

OAK—SPECIES NOT REPORTED

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....				\$15.96	\$15.96	\$10.00-\$16.00
Arkansas.....	\$4.03	\$2.93	\$1.00-\$5.00	12.02	12.02	8.00- 14.00
California.....	3.00					
Connecticut.....	4.39	4.39	3.50- 0.00			
Florida.....				12.70	12.76	12.50- 13.43
Georgia.....	3.00			12.00	12.00	12.00- 12.91
Illinois.....				10.00		
Indiana.....	9.27	9.60	7.00-10.00	16.50	22.51	12.00- 22.50
Kentucky.....	2.52	2.52	2.50- 3.00	11.83	13.00	5.00- 15.00
Louisiana.....	4.97	1.50	1.50- 9.00	11.01	11.01	8.00- 12.00
Maine.....				17.06	16.15	11.50- 25.00
Maryland.....	4.50	4.50				
Massachusetts.....	5.00	5.00				
Michigan.....	5.86		5.00-10.00	18.55	18.55	14.00- 20.00
Mississippi.....	3.01		2.00- 5.00	11.25	11.25	5.00- 12.00
Missouri.....	1.85	1.85	1.50- 2.00	11.02	11.02	8.00- 15.00
New Hampshire.....	4.00	4.00		12.00		
New Jersey.....				25.00	25.00	
New York.....	10.00			25.81	14.20	14.00- 28.00
North Carolina.....	2.23	2.00	2.00- 3.00	20.17	20.17	13.15- 30.00
Ohio.....	7.00	10.36	3.75-12.50	21.54	15.20	10.00- 31.42
Oregon.....				20.00		
Pennsylvania.....	8.18	7.25	5.00-10.00	13.07	13.07	6.00- 20.00
Rhode Island.....	5.00	5.00				
South Carolina.....	3.00			12.00	12.00	
Tennessee.....	4.50		3.50- 5.00	13.25	13.23	8.00- 19.00
Texas.....				8.11	9.00	8.00- 9.00
Vermont.....				14.88	14.89	14.00- 16.00
Virginia.....	1.45	3.55	3.00- 8.75	13.18	13.03	9.00- 15.00
Washington.....	10.00			40.00	40.00	
West Virginia.....	4.00			65.57		
Wisconsin.....				22.70	19.45	9.00- 19.00
Average or spread.....	5.38	5.36	1.00-12.50	13.70	12.51	5.00- 55.57

WILLOW

Louisiana.....				\$3.25		
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RED OAK

Alabama.....	\$1.57		\$1.00-\$2.00	\$13.77	\$13.77	\$10.00-\$16.00
Arkansas.....	3.22	\$4.14	2.00- 8.00	11.00	11.00	5.00- 13.00
Connecticut.....	4.85	4.85	2.50- 0.00			
Indiana.....	6.10	5.94	2.50-15.00	20.61	20.61	14.70- 40.00
Kentucky.....	2.00					
Louisiana.....				11.70	11.70	11.50- 12.50
Maine.....				18.08	18.08	10.00- 20.00
Maryland.....	2.50	2.50		10.00	10.00	
Massachusetts.....	7.00	7.00		14.25	14.20	12.00- 20.00
Michigan.....	2.75	6.20	7.00- 8.00	12.00	12.00	
Mississippi.....	0.00			12.74	12.73	9.00- 13.00
Missouri.....	1.59	1.75	1.50- 2.00	12.00		
New Hampshire.....				14.86	14.86	11.00- 17.00
New Jersey.....	10.00	10.00				
New York.....	6.25	6.25	5.00- 8.00	15.43	15.43	13.00- 20.00
North Carolina.....	5.00			12.00	12.00	
Ohio.....	4.78	4.65	2.50-10.00	11.49	11.49	5.00- 15.00
Oklahoma.....				7.00	7.00	
Pennsylvania.....	4.21	3.00	2.00- 8.00	17.78	17.78	15.00- 18.00
Rhode Island.....	4.00	4.00				
South Carolina.....				13.27	13.27	8.50- 16.31
Tennessee.....				16.09	16.26	6.00- 17.50
Virginia.....	2.94	4.00	2.50- 4.00	10.00	10.00	
West Virginia.....	3.00					
Wisconsin.....	7.50	7.50		17.73	20.94	5.00- 30.00
Average or spread.....	4.55	5.20	1.00-15.00	13.70	13.70	5.00- 40.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

WHITE OAK

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.01		\$1.50-\$3.50	\$13.95	\$13.05	\$10.00-\$16.00
Arkansas.....	7.66	\$7.66	4.00-10.00	13.75	13.75	12.50- 15.00
Delaware.....	10.00					
Georgia.....	5.00					
Illinois.....	15.00			25.00		
Indiana.....	17.02	12.07	7.00-30.00	27.45	23.22	20.00- 45.00
Louisiana.....	4.27	4.27		14.02	14.02	13.82- 15.07
Maryland.....	3.00	3.00				
Michigan.....	8.00	8.00		25.00	25.00	
Mississippi.....				14.74	14.74	12.00- 18.00
Missouri.....	4.00	4.00	4.00- 5.00	9.00	9.00	8.00- 10.00
New Jersey.....				30.00	30.00	
North Carolina.....	4.41	4.00	4.00- 5.00			
Ohio.....	10.26	5.99	3.00-22.94	15.29	14.13	8.00- 44.28
Oklahoma.....	2.50			9.21	8.21	8.00- 10.00
Pennsylvania.....	11.21	4.60	2.50-15.00	18.05	18.05	10.00- 20.00
South Carolina.....				8.47	8.47	8.00- 12.70
Tennessee.....				21.74	21.74	17.50- 22.00
Vermont.....				20.00	20.00	
Virginia.....	2.66	2.75	2.50- 3.50	12.00		
West Virginia.....	10.00			25.00	25.00	
Wisconsin.....				27.50	30.00	20.00- 30.00
Average or spread.....	7.16	5.31	1.50-30.00	15.85	15.47	8.00- 45.00

OAK—ALL INDIVIDUAL SALES

Alabama.....	\$2.48		\$1.00-\$3.50	\$14.53	\$14.53	\$10.00-\$16.00
Arkansas.....	3.07	\$4.52	1.00-10.00	12.64	12.64	5.00- 15.00
California.....	3.00					
Connecticut.....	4.60	4.60	2.84- 5.00			
Delaware.....	10.00					
Florida.....				12.76	12.76	12.50- 13.43
Georgia.....	3.79		3.00- 5.00	12.90	12.90	12.00- 12.91
Illinois.....	15.00			11.36		10.00- 25.00
Indiana.....	8.78	7.45	2.50-30.00	22.60	21.98	12.00- 45.00
Kentucky.....	2.27	2.52	2.00- 3.00	11.83	13.00	6.00- 15.00
Louisiana.....	4.82	3.44	1.50- 9.00	11.07	11.07	8.00- 15.07
Maine.....				18.19	18.60	11.50- 25.00
Maryland.....	3.02	3.74	2.50- 4.50	10.00	10.00	
Massachusetts.....	6.84	6.84	5.00- 7.00	14.25	14.20	12.00- 20.00
Michigan.....	0.68	7.77	5.00-10.00	17.15	17.15	12.00- 25.00
Mississippi.....	4.18		2.00- 6.00	12.00	12.00	5.00- 18.00
Missouri.....	2.34	2.41	1.00- 5.00	10.17	9.54	8.00- 15.00
New Hampshire.....	4.00	4.00		14.50	14.86	14.00- 17.00
New Jersey.....	10.00	10.00		27.00	27.00	25.00- 30.00
New York.....	7.95	6.25	5.00-10.00	25.08	15.21	13.00- 26.00
North Carolina.....	3.40	2.67	2.00- 6.00	17.44	17.44	12.00- 30.00
Ohio.....	8.09	8.00	2.67-22.94	15.52	13.28	5.00- 44.28
Oklahoma.....	2.50			8.13	8.13	7.00- 16.00
Oregon.....				20.00		
Pennsylvania.....	7.28	5.82	2.00-15.00	15.54	15.54	5.00- 20.00
Rhode Island.....	4.59	4.59	4.00- 5.00			
South Carolina.....	3.00			11.50	11.50	8.00- 16.31
Tennessee.....	4.50		3.50- 5.00	10.10	10.10	6.00- 22.00
Texas.....				8.11	9.00	8.00- 9.00
Vermont.....				15.00	13.28	14.00- 20.00
Virginia.....	3.39	3.48	2.50- 8.75	13.14	13.00	9.00- 15.00
Washington.....	10.00			40.00	40.00	
West Virginia.....	7.24		3.50-10.00	44.90	25.00	25.00- 55.57
Wisconsin.....	7.50	7.57		10.30	20.98	5.00- 40.00
Average or spread.....	5.46	5.30	1.00-30.00	14.18	13.74	5.00- 55.57

SOFT MAPLE

Indiana.....	\$10.00	\$10.00				
Maryland.....	4.00					
Michigan.....	9.42		\$4.00-\$8.00	\$14.01	\$14.01	\$12.00-\$18.00
Ohio.....				16.00		
Pennsylvania.....				14.00	14.00	
Wisconsin.....				10.78	10.04	6.00- 16.00
Average or spread.....	5.29	10.00	4.00-10.00	14.50	13.97	6.00- 18.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

HARD MAPLE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all
Indiana.....				\$22.30	\$22.30	\$12.00-\$25.00
Maryland.....	\$5.00					
Michigan.....	9.32	\$10.00	\$9.00-\$10.00	10.23	16.21	14.85-30.00
New Hampshire.....				16.36		15.00-17.00
Ohio.....				18.87	18.87	10.00-20.00
Pennsylvania.....				20.00	20.00	
Vermont.....	6.00			13.72		12.00-18.00
Wisconsin.....				12.83	12.83	0.00-25.00
Average or spread.....	8.20	10.00	5.00-10.00	16.22	16.33	6.00-30.00

MAPLE—SPECIES NOT REPORTED

Arkansas.....				\$10.25	\$10.25	\$8.00-\$11.00
Connecticut.....	\$4.38	\$4.38				
Florida.....				15.91	15.91	
Georgia.....				10.81	10.81	10.43-11.21
Illinois.....				9.00		
Indiana.....	12.45	9.49	\$7.50-\$15.00	18.83	18.00	15.00-20.00
Louisiana.....	3.00			10.00	10.00	
Maine.....				8.51	15.86	8.00-18.00
Massachusetts.....	5.00	5.00		48.00	12.00	12.00-100.00
Michigan.....	8.50	8.00	3.00-16.00	10.41	12.50	12.00-160.00
Mississippi.....	3.00			10.94	10.94	8.00-11.10
New Hampshire.....				21.09	16.00	16.00-25.00
New York.....	6.04	5.91	4.00-8.00	21.28	25.07	10.00-32.00
North Carolina.....	3.00			9.38	9.38	8.00-15.00
Ohio.....	4.13	3.91	3.00-7.50	18.88	18.79	6.00-32.00
Oregon.....	2.50			14.17	12.00	12.00-75.00
Pennsylvania.....	4.70	3.40	1.50-13.00	19.16	20.20	8.00-25.00
South Carolina.....				8.78	8.78	7.03-22.00
Tennessee.....	3.00					
Vermont.....	3.60	4.00	3.00-4.00	15.29	15.80	8.00-20.00
Virginia.....				14.00		
Washington.....				11.81	9.30	9.00-13.00
West Virginia.....				22.21		22.16-58.50
Wisconsin.....	7.50	7.50		21.57	20.94	5.00-30.00
Average or spread.....	6.39	5.45	1.50-16.00	18.36	18.69	5.00-160.00

MAPLE—ALL INDIVIDUAL SALES

Arkansas.....				\$10.25	\$10.25	\$8.00-\$11.00
Connecticut.....	\$4.38	\$4.38				
Florida.....				15.91	15.91	
Georgia.....				10.81	10.81	10.43-11.21
Illinois.....				9.00		
Indiana.....	12.39	9.52	\$7.50-\$15.00	19.94	20.00	12.00-25.00
Louisiana.....	3.00			10.00	10.00	
Maine.....				8.51	15.86	8.00-18.00
Maryland.....	4.78		4.00-5.00			
Massachusetts.....	5.00	5.00		48.00	12.00	12.00-100.00
Michigan.....	6.51	9.71	3.00-16.00	17.80	15.05	12.00-160.00
Mississippi.....	3.00			10.94	10.94	8.00-11.10
New Hampshire.....				17.74	16.00	15.00-25.00
New York.....	6.04	5.91	4.00-8.00	21.28	25.07	10.00-32.00
North Carolina.....	3.00			9.38	9.38	8.00-15.00
Ohio.....	4.13	3.91	3.00-7.50	18.88	18.80	6.00-32.00
Oregon.....	2.50			14.17	12.00	12.00-75.00
Pennsylvania.....	4.76	3.40	1.50-13.00	19.33	10.20	8.00-25.00
South Carolina.....				8.78	8.78	7.03-22.00
Tennessee.....	3.00					
Vermont.....	4.41	4.00	3.00-6.00	15.16	15.83	8.00-20.00
Virginia.....				14.00		
Washington.....				11.81	9.30	9.00-13.00
West Virginia.....				22.21		22.16-58.50
Wisconsin.....	7.50	7.50		19.92	19.31	5.00-25.00
Average or spread.....	6.24	5.50	1.50-16.00	17.96	18.14	5.00-160.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

ELM—SPECIES NOT REPORTED

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$4.00	\$4.00				
Arkansas.....				\$9.01	\$9.01	\$8.00-\$10.00
Florida.....				10.54	10.50	
Georgia.....				0.00	0.00	4.00- 10.15
Indiana.....	5.03	5.01	\$5.00-\$23.00	15.08	15.09	15.00- 20.00
Louisiana.....				8.84	8.84	2.20- 10.00
Maine.....				18.00	18.00	
Michigan.....	7.01	5.50	3.00- 12.00	17.00	15.20	10.00- 30.00
Mississippi.....	3.00			7.00	7.00	8.15- 10.00
Missouri.....				14.91		12.00- 17.00
New York.....				24.31		10.00- 30.00
Ohio.....	7.40	7.40	2.00- 10.00	16.43	5.00	4.00- 28.00
Pennsylvania.....	3.00			6.00	6.00	
South Carolina.....				12.54	12.54	
Vermont.....				12.58	12.75	12.00- 15.00
Virginia.....				14.00		
Wisconsin.....				23.85	25.34	4.50- 20.00
Average or spread.....	5.37	5.42	2.00- 23.00	17.16	18.03	2.20- 30.00

ROCK ELM

Wisconsin.....				\$17.58	\$19.87	\$13.00-\$24.00
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ASH

Alabama.....				\$23.20	\$23.20	\$11.00-\$25.00
Arkansas.....				11.91	11.91	11.00- 14.00
Florida.....				21.53	21.53	17.00- 21.73
Georgia.....				16.21	16.21	11.85- 10.91
Indiana.....	\$12.25	\$12.25	\$10.00-\$15.00	30.56	28.24	12.00- 55.00
Louisiana.....	5.84		3.00- 6.00	10.63	11.10	7.00- 12.00
Maine.....				18.73	18.73	15.00- 20.00
Massachusetts.....				14.00	14.00	
Michigan.....	4.25		2.00- 10.00	17.62	17.62	10.00- 25.00
Mississippi.....				15.28	15.01	12.00- 27.50
New Hampshire.....				34.05		20.00- 35.00
New York.....	10.00	10.00		22.58	19.28	15.00- 38.00
North Carolina.....				14.00	14.00	
Ohio.....	21.75	21.75	1.00- 30.00	35.07	10.46	17.50- 45.00
Oregon.....				12.00	12.00	
Pennsylvania.....	8.83	5.00	4.00- 10.50	42.95	18.97	8.00- 45.00
South Carolina.....				19.81	19.81	12.00- 28.50
Tennessee.....				14.86	14.86	10.00- 18.00
Texas.....				25.00	27.28	10.00- 28.00
Vermont.....				28.05	19.77	14.00- 30.20
Washington.....				16.00	16.00	
Wisconsin.....				20.57	21.31	7.50- 20.00
Average or spread.....	9.29	14.01	1.00- 30.00	24.74	20.11	7.00- 55.00

BLACK WALNUT

Illinois.....	\$72.00			\$85.00	\$85.00	
Indiana.....	24.16	20.20	\$20.00-\$53.00	79.60	50.12	\$25.00-\$150.00
Iowa.....	18.29		12.00- 25.00	42.46	42.46	40.00- 48.00
Kansas.....				52.78	52.78	52.15- 53.00
Missouri.....				47.00	47.00	35.42- 65.00
North Carolina.....	20.00	20.00				
Ohio.....	35.57	35.00	3.00- 50.00	72.49	71.93	30.00- 150.00
Pennsylvania.....				25.00	25.00	
Tennessee.....				34.04	17.00	17.00- 40.00
Virginia.....				141.03	35.00	12.00- 200.00
Average or spread.....	25.23	23.30	3.00- 72.00	64.11	50.42	12.00- 350.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

BUTTERNUT

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Indiana.....				\$15.00	\$15.00	
Vermont.....				19.00	25.00	\$16.00-\$25.00
Wisconsin.....				18.00	18.00	
Average or spread.....				17.70	18.13	15.00- 25.00

RED GUM

Alabama.....	\$4.00	\$4.00		\$12.16	\$12.16	\$10.00-\$16.00
Arkansas.....	6.00	6.00		11.54	9.37	5.00- 12.50
Delaware.....				20.14		20.00-150.00
Florida.....				14.84	14.84	
Georgia.....	2.00			10.94	10.94	9.05- 11.08
Indiana.....	4.38	4.38	\$3.50-\$6.00	12.50	12.47	8.57- 20.00
Louisiana.....	2.27		2.00- 3.00	8.74	9.71	8.00- 10.05
Maryland.....	2.00	2.00				
Mississippi.....	2.71		1.00- 3.00	10.06	9.82	8.00- 11.00
Missouri.....				7.50	7.50	
North Carolina.....	2.00			7.80	6.19	6.00- 10.00
Ohio.....	2.20	1.67	1.00- 3.00	6.00	6.00	
South Carolina.....	2.00			16.30	16.36	9.75- 16.70
Tennessee.....				9.58	9.58	5.00- 10.00
Texas.....	5.00					
Virginia.....				15.06		6.50- 16.00
West Virginia.....				15.91		
Average or spread.....	3.81	3.37	1.00- 8.00	14.58	13.43	5.00-150.00

TUPELO GUM

Alabama.....				\$0.55	\$0.55	\$8.00-\$14.00
Arkansas.....	\$4.00	\$4.00		12.67	8.00	8.00- 15.50
Georgia.....				9.35	9.35	9.34- 10.00
Louisiana.....				13.12	13.12	7.00- 13.50
Mississippi.....				10.07	8.00	8.00- 11.00
North Carolina.....				8.18	8.18	7.30- 10.00
South Carolina.....	2.00			11.10	11.10	
Average or spread.....	2.03	4.00	\$2.00- \$4.00	12.35	12.30	7.00- 15.50

BLACK GUM

Louisiana.....	\$2.45		\$2.00-\$2.50	\$4.60	\$4.09	\$4.61-\$5.63
Mississippi.....	1.00	\$1.00		9.22	9.22	8.00-10.00
South Carolina.....				7.59	8.32	7.00- 8.35
Tennessee.....				8.00	8.00	
Average or spread.....	2.44	1.00	1.00- 2.50	7.20	7.44	4.61-10.00

GUMS—ALL INDIVIDUAL SALES

Alabama.....	\$4.00	\$4.00		\$11.34	\$11.34	\$8.00-\$16.00
Arkansas.....	5.26	5.26	\$4.00-\$6.00	12.30	9.21	5.00- 15.50
Delaware.....				20.14		20.00-150.00
Florida.....				14.84	14.84	
Georgia.....	2.00			10.50	10.50	9.05- 11.08
Indiana.....	4.38	4.38	3.50- 6.00	12.50	12.47	8.57- 20.00
Louisiana.....	2.40		2.00- 3.00	11.92	12.20	4.61- 13.70
Maryland.....	2.00	2.00				
Mississippi.....	2.59	1.00	1.00- 3.00	10.62	9.73	8.00- 11.00
Missouri.....				7.50	7.50	
North Carolina.....	2.00			7.80	6.93	6.00- 10.00
Ohio.....	2.20	1.67	1.00- 3.00	6.00	6.00	
South Carolina.....	2.00			15.17	15.83	7.00- 10.70
Tennessee.....				9.40	9.40	5.00- 10.00
Texas.....	5.00					
Virginia.....				15.06		6.50- 16.00
West Virginia.....				15.91		
Average or spread.....	3.18	3.28	1.00- 6.00	13.66	12.78	4.61-150.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
SYCAMORE						
Alabama.....				\$11.87	\$11.87	\$10.00-\$14.00
Georgia.....				10.87	10.87	
Indiana.....	\$5.00	\$5.00		12.38	11.18	8.00-15.00
Louisiana.....				10.00	10.00	
Maryland.....	2.00	2.00				
Mississippi.....				8.09	8.09	7.00-10.00
Ohio.....	2.00			5.00	5.00	
Tennessee.....				8.69	8.69	8.00-12.00
Average or spread.....	2.72	2.86	\$2.00-\$5.00	9.04	9.80	5.00-15.00
LOCUST						
Florida.....				\$18.00	\$18.00	
New York.....				12.50		
Pennsylvania.....				20.00		
Average or spread.....				10.77	18.00	\$12.50-\$20.00
ASPEN						
Michigan.....	\$1.67			\$12.50	\$12.50	
Minnesota.....	1.00	\$1.00		7.85	7.10	\$7.00-\$12.00
Vermont.....				11.33	11.33	8.00-14.00
Wisconsin.....	.75					
Average or spread.....	.90	1.00	\$0.75-\$1.67	8.31	9.15	7.00-14.00
COTTONWOOD						
Alabama.....				\$14.00	\$14.00	
Arkansas.....				9.44	9.44	\$8.00-\$10.00
Georgia.....				11.34	11.34	
Illinois.....				8.62		8.00-10.00
Indiana.....				15.00	15.00	
Louisiana.....				5.00		
Mississippi.....				9.52	9.52	8.00-12.00
Montana.....				4.00	4.00	
Oregon.....				5.73	5.97	4.50-13.00
South Carolina.....				11.00	11.00	
Tennessee.....				8.00	8.00	
Texas.....				13.43	13.50	9.00-13.50
Washington.....	\$2.71			8.59		7.50-9.00
Wisconsin.....				4.00	4.00	
Average or spread.....	2.71			8.49	9.18	4.00-15.00
YELLOW POPLAR						
Alabama.....	\$2.50			\$15.26	\$15.26	\$13.00-\$16.00
Florida.....				16.56	16.56	
Georgia.....				12.14	12.40	9.00-20.26
Indiana.....	0.85	\$0.85	\$5.00-\$10.00	15.26	15.34	10.50-50.00
Kentucky.....	2.60	2.60	2.50-3.00	15.28	9.53	9.50-17.00
Louisiana.....				10.00	10.00	
Maryland.....						
Mississippi.....	3.00	3.00		12.36	12.36	10.00-13.71
North Carolina.....	3.54	4.00	2.00-4.00	13.00	13.88	8.00-15.00
Ohio.....	3.20	3.00	3.00-4.00	15.50	15.50	8.00-20.00
Pennsylvania.....				25.00		
South Carolina.....				10.31	10.31	8.00-18.00
Tennessee.....				22.80	11.80	5.00-24.08
Virginia.....	2.51	2.51	2.50-3.00	10.40	12.83	13.00-300.00
Average or spread.....	3.21	3.36	2.00-10.00	17.60	13.21	8.00-300.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

BIRCH—SPECIES NOT REPORTED

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Connecticut.....	\$5.00	\$5.00				
Maine.....	10.00			\$19.74	\$19.84	\$15.00-\$20.00
Massachusetts.....				12.00	12.00	
Michigan.....	7.24	9.63	\$4.50-\$12.00	18.53	18.09	12.00- 26.00
New Hampshire.....	2.00	2.00		31.28	14.94	10.00-115.00
New York.....	4.00			17.61	16.98	15.00- 20.00
Ohio.....				19.01		
Pennsylvania.....	6.56	3.00	3.00- 11.00	10.00	10.00	
Vermont.....	4.93	3.29	2.00- 5.50	10.13	16.45	8.00- 20.00
Washington.....				15.48	15.00	15.00- 30.00
Wisconsin.....				23.68	23.54	8.00- 40.00
Average or spread.....	7.40	3.36	2.00- 12.00	21.70	19.72	8.00-115.00

ALDER

Oregon.....				\$0.00	\$0.00	\$7.00-\$12.00
Washington.....				9.99	10.48	7.00- 11.65
Average or spread.....				9.83	9.83	7.00- 12.00

PECAN

Arkansas.....				\$10.00	\$10.00	
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HICKORY—SPECIES NOT REPORTED

Alabama.....				\$20.00	\$20.00	
Arkansas.....				10.00	10.00	
Connecticut.....	\$5.00	\$5.00				
Georgia.....				15.00	15.00	
Indiana.....	5.50	5.50	\$5.00-\$8.00	21.72	21.72	\$15.00-\$30.00
Kentucky.....				9.50	9.50	
Louisiana.....	2.00			4.50	4.50	
Mississippi.....				10.00	10.00	
Ohio.....	6.36	6.89	3.00-10.00	11.54	11.54	6.00- 14.00
Pennsylvania.....	1.94	1.03	1.50- 3.00	26.00	8.00	5.00- 50.00
Tennessee.....				36.69		0.00- 40.33
Texas.....				10.00		
Average or spread.....	3.35	4.02	1.50- 10.00	30.55	15.38	4.60- 50.00

CHERRY

Florida.....				\$13.00	\$13.00	
Indiana.....				14.00	15.00	\$12.50-\$15.00
Michigan.....	\$10.00			20.00	20.00	12.00- 22.00
Mississippi.....				14.00	14.00	
New York.....				15.83	15.00	10.00- 25.00
Pennsylvania.....				11.31	11.31	10.00- 40.00
Vermont.....				25.00	25.00	
Average or spread.....	10.00			13.08	12.84	10.00- 40.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

BASSWOOD

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Connecticut.....	\$5.00	\$5.00				
Florida.....				\$15.00	\$15.00	
Indiana.....	10.00	10.00		19.09	20.00	\$18.00-\$20.00
Minnesota.....				19.53	19.53	15.00-20.00
Massachusetts.....				11.00	11.00	
Michigan.....	7.22	10.00	\$4.40-\$12.00	17.92	17.79	12.00-25.00
Mississippi.....				12.64	12.64	
New Hampshire.....				15.25	15.25	14.00-19.00
New York.....				18.67	18.34	15.00-28.00
Ohio.....	8.00			27.39	16.67	10.00-35.00
Pennsylvania.....	12.50	8.27	3.00-10.00	23.27	21.38	14.00-25.00
Tennessee.....				9.00	9.00	
Vermont.....				16.32	15.69	14.00-20.00
Wisconsin.....	4.00	4.00		16.90	16.14	4.00-28.00
Average or spread.....	8.21	7.94	3.00-12.50	17.55	16.73	4.00-35.00

CHESTNUT

Connecticut.....	\$3.50	\$3.50				
Indiana.....				\$15.00		
Kentucky.....				7.00	\$7.00	
Maryland.....	2.50	2.50		8.00	8.00	
Massachusetts.....				9.00	9.00	
New York.....				15.00	15.00	
North Carolina.....	1.50		\$1.00-\$2.00			
Ohio.....	4.60	4.74	2.50-8.00	8.77	8.70	\$8.00-\$15.00
Pennsylvania.....	3.01	3.47	1.50-5.00	10.91	10.91	8.00-15.00
Tennessee.....	4.00	4.00		8.51	8.54	7.00-10.00
West Virginia.....	2.00	2.00				
Average or spread.....	2.99	3.61	1.00-8.00	8.39	8.32	7.00-15.00

BEECH

Alabama.....				\$12.00	\$12.00	
Arkansas.....				10.00	10.00	
Connecticut.....	\$2.50	\$2.50				
Florida.....				11.00	11.00	
Indiana.....	4.69	3.31	\$1.00-\$7.50	12.27	14.76	\$8.00-\$20.00
Kentucky.....				7.00	7.00	
Louisiana.....	2.00			9.77	9.77	4.61-10.00
Massachusetts.....				8.00	8.00	
Michigan.....	2.02		2.00-11.00	12.71	9.47	8.00-14.50
Mississippi.....				8.00	8.00	
New York.....	3.16	3.13	2.00-5.00	13.34	15.00	10.00-20.00
North Carolina.....				8.00	8.00	
Ohio.....	3.45	3.00	1.50-8.00	11.10	7.75	6.50-23.00
Pennsylvania.....	4.00			15.02	15.02	8.00-18.00
Tennessee.....	2.00			5.09	5.09	5.00-10.00
Vermont.....	2.00	2.00		11.31	11.40	10.00-14.00
West Virginia.....				19.20		
Average or spread.....	3.39	3.06	1.00-11.00	14.77	10.71	4.61-23.00

MAGNOLIA

Alabama.....				\$14.00	\$14.00	
Florida.....				15.33	15.33	
Georgia.....				9.50	9.50	
Louisiana.....	\$2.18		\$2.00-\$3.00	9.93	9.93	\$9.21-\$11.05
Mississippi.....				19.30	10.30	8.00-13.00
New York.....				18.00		
Pennsylvania.....				18.00	18.00	
Average or spread.....	2.18		2.00-3.00	11.23	11.21	8.00-18.00

TABLE 25.—Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1932—Continued

ALL SPECIES

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.12	\$4.00	\$1.00-\$4.00	\$14.25	\$14.25	\$6.00-\$25.00
Arkansas.....	4.11	4.07	1.00-10.00	12.26	12.16	5.00-15.50
California.....	3.00					
Connecticut.....	4.58	4.58	2.80-6.00			
Delaware.....	10.00					
Florida.....				20.14		20.00-150.00
Georgia.....	3.40		2.00-5.00	16.02	16.02	11.00-21.73
Illinois.....	21.33		15.00-72.00	12.02	12.08	4.00-20.26
Indiana.....	8.09	7.04	1.00-53.00	13.57	85.00	8.00-85.00
Iowa.....	18.20		12.00-25.00	33.06	22.70	0.57-160.00
Kansas.....				42.46	42.46	40.00-48.00
Kentucky.....	2.23			52.78	52.78	52.15-53.00
Louisiana.....	2.92	2.53	2.00-3.00	11.78	11.85	5.00-17.00
Maine.....	10.00	3.44	1.50-9.00	10.88	11.80	2.20-15.07
Maryland.....	3.93			15.63	19.38	8.00-25.00
Massachusetts.....	6.68	3.12	2.00-5.00	8.28	8.28	3.00-10.00
Michigan.....	6.11	6.68	5.00-7.00	15.10	14.11	3.00-100.00
Minnesota.....	1.00	8.08	1.07-16.00	17.12	15.56	8.00-160.00
Mississippi.....	3.65	1.00	1.00-6.00	7.85	7.10	7.00-12.00
Missouri.....	2.34	2.41	1.00-5.00	11.91	11.90	5.00-27.50
Montana.....				27.12	32.81	7.50-55.00
New Hampshire.....	3.60	2.60	2.00-4.00	4.00	4.00	
New Jersey.....	10.00	10.00		24.63	15.33	10.00-115.00
New York.....	5.36	5.20	2.00-10.00	27.00	27.00	25.00-30.00
North Carolina.....	2.93	3.15	1.00-20.00	21.23	24.42	10.00-32.00
Ohio.....	7.14	7.04	1.00-50.00	8.65	8.56	6.00-30.00
Oklahoma.....	2.60			29.91	30.68	4.00-150.00
Oregon.....	2.50			8.13	8.13	7.00-10.00
Pennsylvania.....	0.21	4.01	1.50-15.00	9.53	9.09	4.50-75.00
Rhode Island.....	4.50	4.50	4.00-5.00	22.77	16.97	6.00-50.00
South Carolina.....	2.04		2.00-3.00			
Tennessee.....	2.96	4.00	2.00-5.00		15.39	7.00-28.50
Texas.....	5.00			18.08	15.17	5.00-40.00
Vermont.....	4.41	3.10	2.00-6.00	15.70	18.71	8.00-28.00
Virginia.....	3.15	3.08	2.50-8.75	16.54	15.73	8.00-30.20
Washington.....	5.92		2.71-10.00	10.73	13.27	6.50-300.00
West Virginia.....	5.79	2.00	2.00-10.00	21.65	11.47	7.00-40.00
Wisconsin.....	2.71	7.11	.75-7.50	22.82	20.27	15.01-38.50
Average or spread.....	4.70	5.10	.75-72.00	16.27	15.51	2.20-300.00

TABLE 26.—Prices per thousand feet board measure of hardwood stumpage and logs, flat-rate sales, by States, 1932

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....				\$17.00	\$17.00	
Arkansas.....	\$2.50	\$2.50		9.18	9.18	
Florida.....				13.07	13.07	\$13.00-\$15.00
Illinois.....				10.00		
Indiana.....	7.57	11.31	\$4.00-\$15.00	10.56	10.56	15.00-20.00
Kentucky.....	4.39	3.36	3.00-4.40	16.29	16.53	14.00-20.00
Louisiana.....	2.58	3.30	1.00-4.00	8.11	8.11	
Maine.....	4.00	4.00		16.15	16.15	16.00-20.00
Massachusetts.....				12.00		
Michigan.....	10.71	10.00	10.00-10.77			
Mississippi.....	1.40	1.40	1.00-4.00	14.63	14.63	1.80-10.00
New Hampshire.....				24.35	8.00	8.00-27.00
New York.....	6.54	3.39	2.50-8.80	24.34	12.20	10.00-32.00
North Carolina.....	2.50			15.22	15.22	
Ohio.....	4.77	3.91	3.00-12.80	25.00		
Oklahoma.....				14.08	14.08	
Pennsylvania.....	3.37	2.22	1.50-6.00	15.75	15.75	12.00-18.00
Tennessee.....	6.00	6.00		20.10	20.10	11.75-20.78
Texas.....	3.33	3.33				
Vermont.....				12.00	12.00	
Virginia.....	3.00					
West Virginia.....	3.03	2.91	2.28-5.00	14.54	14.54	6.67-15.02
Wisconsin.....	10.00	10.00		12.23	12.32	11.00-18.00
Average or spread.....	4.54	3.62	1.00-15.00	17.60	17.62	1.80-32.00

TABLE 27.—Prices per thousand feet board measure of hardwood stumpage and logs, all sales, by States, 1932

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$3.12	\$4.00	\$1.00-\$4.00	\$14.37	\$14.37	\$8.00-\$25.00
Arkansas	3.39	3.28	1.00-10.00	12.18	12.05	5.00-15.50
California	8.00					
Connecticut	4.58	4.58	2.80-6.00			
Delaware	10.00			20.14		20.00-150.00
Florida				15.29	16.02	11.00-21.73
Georgia	3.40		2.00-5.00	12.02	12.08	4.00-20.26
Kentucky	21.33		15.00-72.00	12.83	85.89	8.00-85.00
Illinois	8.01	7.51	1.00-53.00	32.32	22.53	6.57-150.00
Indiana	18.20		12.00-25.00	42.26	42.46	40.00-48.00
Iowa				52.78	52.78	52.15-53.00
Kansas	4.34	2.84	2.00-4.40	15.80	15.80	5.00-20.00
Kentucky	2.78	3.32	1.00-0.00	10.86	11.77	2.20-15.67
Louisiana	9.94	4.00	4.00-10.00	15.73	18.51	8.00-25.00
Maine	3.03	3.12	2.00-5.00	8.29	8.28	8.00-10.00
Maryland	6.68	6.68	5.00-7.00	14.92	13.68	8.00-100.00
Massachusetts	6.48	8.06	1.67-10.00	17.12	15.56	8.00-100.00
Michigan	1.00	1.00		7.85	7.10	7.00-12.00
Minnesota	3.33	1.41	1.00-6.00	12.71	12.70	1.80-27.50
Mississippi	2.34	2.41	1.00-5.00	27.12	32.81	7.50-55.00
Missouri				4.00	4.00	
Montana	3.59	3.59	2.00-4.00	24.48	15.31	8.00-115.00
New Hampshire	10.00	10.00		27.00	27.00	25.00-30.00
New Jersey	6.40	4.58	2.00-10.00	22.19	22.42	10.00-32.00
New York	2.78	3.15	1.00-20.00	9.65	9.52	6.00-30.00
North Carolina	6.43	6.86	1.00-50.00	29.85	30.68	4.00-150.00
Ohio	2.50			9.30	9.30	7.00-14.08
Oklahoma	2.50			9.53	9.09	4.50-75.00
Oregon	5.87	4.58	1.50-15.00	22.38	16.88	6.00-50.00
Pennsylvania	4.59	4.59	4.00-5.00			
Rhode Island	2.04		2.00-3.00	14.83	15.39	7.50-28.50
South Carolina	3.32	5.55	2.00-6.00	13.46	17.86	10.00-25.00
Tennessee	4.95	3.33	3.33-5.00	15.79	18.71	8.00-28.00
Texas	4.41	3.19	2.00-6.00	15.71	15.58	8.00-30.20
Vermont	3.13	3.08	2.50-8.75	10.54	13.27	0.50-300.00
Virginia	5.92		2.71-10.00	10.73	11.47	7.00-40.00
Washington	3.67	2.89	2.00-10.00	18.22	14.80	6.67-58.50
West Virginia	4.00	8.31	.75-10.00	21.60	20.13	4.00-40.00
Wisconsin						
Average or spread	4.60	4.52	.75-72.00	16.21	15.90	1.80-300.00

TABLE 28.—Prices per thousand feet board measure of mixed hardwood and softwood stumpage and logs, flat-rate sales, by States, 1932

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$3.43	\$3.50	\$1.00-\$4.00	\$12.78	\$12.78	\$7.00-\$14.00
Arkansas	1.01	1.61	.33-2.50	14.05	14.05	9.00-10.34
Connecticut	5.00	5.00				
Delaware	1.50	1.50				
Florida	3.29					
Georgia	2.81	2.81	1.50-4.16	11.00		
Kentucky	1.50	1.50				
Louisiana	4.61	3.06	3.00-6.00	15.89	15.89	
Maine	3.75	3.00	2.50-5.00	13.52	13.52	12.00-15.00
Maryland	0.00			7.50	7.50	
Massachusetts	2.64	2.00	2.00-3.00	10.00	10.00	
Michigan	7.14			17.00	17.00	
Mississippi				9.01	9.01	9.00-9.00
Missouri	2.00					
New Hampshire	4.08	4.08	1.00-5.00			
New York	6.58	0.58	2.50-9.00	32.16	32.16	10.00-39.00
North Carolina	4.13	2.84	2.00-8.00	6.03	6.03	
Oklahoma	1.75					
Pennsylvania	3.00	3.48	2.25-6.00	12.00	12.00	
Rhode Island	4.88	4.88	4.00-5.00			
South Carolina	1.80		.84-2.34			
Tennessee	3.00	2.00	2.00-3.25	16.83	16.83	
Vermont	1.73	1.08	1.00-3.50	11.46	11.46	10.00-15.00
Virginia	2.15	2.15	1.00-4.00	16.88	16.88	
Washington	1.34		.80-2.02			
West Virginia	4.92	3.00	3.00-4.95			
Wisconsin	3.43		1.98-3.46	16.00	16.00	
Average or spread	3.01	3.08	.33-9.00	14.50	14.88	6.63-39.00

TABLE 29.—Prices of stumpage, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1932

State	Individual sales				Flat-rate sales						Total sales							
	Softwoods		Hardwoods		Softwoods		Hardwoods		Mixed		Softwoods		Hardwoods		Aggregate			
	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	All sales	Second growth	Price range, all sales	
Alabama	\$2.10	\$1.76	\$3.12	\$4.00					\$3.43	\$3.56	\$2.10	\$1.76	\$3.12	\$4.00	\$2.22	\$1.02	\$1.00-\$10.00	
Arizona	2.42										2.42				2.42		1.50-2.75	
Arkansas	1.99	1.61	4.11	4.67				\$2.50	\$2.50	1.61	1.61	1.99	1.61	3.39	3.28	1.03	1.88	.33-10.00
California	2.57	1.82	3.00								2.47	1.82	3.00		2.47	1.82	.37-5.00	
Colorado	3.22	1.52									3.21	1.52			3.21	1.52	1.00-5.00	
Connecticut	13.00	13.00	4.58	4.58					5.00	5.00	13.00	13.00	4.58	4.58	6.50	6.50	2.80-13.00	
Delaware	4.75	5.00	10.00						1.50	1.50	4.75	5.00	10.00		3.60	3.15	1.50-10.00	
Florida	5.32	4.77							3.29		5.32	4.77			5.29	4.77	2.00-11.93	
Georgia	2.90	2.62	3.40						2.81	2.81	2.90	2.62	3.40		2.88	2.71	.75-7.00	
Idaho	3.57	4.00				1.45					2.74	4.00			2.74	4.00	.50-7.00	
Illinois			21.33										21.33		21.33		15.00-72.00	
Indiana			8.09	7.04				7.57	11.31				8.01	7.51	8.01	7.51	1.00-53.00	
Iowa			18.29										18.29		18.29		12.00-25.00	
Kentucky			2.29	2.53				4.39	3.36	1.50	1.50		4.34	2.84	4.33	2.69	1.50-4.40	
Louisiana	4.45	3.77	2.92	3.44				2.58	3.30	4.61	3.06	4.45	3.77	2.78	3.32	3.47	3.57	.90-9.00
Maine	6.40	5.88	10.00		1.73	\$1.73	4.00	4.00		3.75	2.50	6.17	5.60	9.94	4.00	6.23	5.55	5.00-10.00
Maryland	5.26	5.25	3.93	3.12					6.00		5.26	5.25	3.93	3.12	4.60	4.36	2.00-7.00	
Massachusetts	9.10	9.12	6.68	6.68					6.00		9.10	9.12	6.68	6.68	8.62	8.67	1.50-14.00	
Michigan	2.05	3.26	6.11	8.08			10.71	10.00		7.14		2.05	3.26	6.48	8.66	5.49	6.53	5.00-16.00
Minnesota	1.52	1.52	1.00	1.00							1.52	1.52	1.00	1.00	1.43	1.43	1.00-4.00	
Mississippi	7.43	2.06	3.65	1.00			1.46	1.46			7.43	2.06	3.33	1.41	7.34	1.94	1.00-8.00	
Missouri	1.12	3.00	2.34	2.41					2.00		1.12	3.00	2.34	2.41	2.08	2.42	1.00-5.00	
Montana	2.17	1.50				2.93					2.24	1.50			2.24	1.50	.50-5.00	
Nebraska	2.00										2.00				2.00			
New Hampshire	3.48	3.48	3.59	3.59	4.00	4.00				4.08	4.08	3.54	3.54	3.59	3.59	3.64	3.64	1.00-12.00
New Jersey			10.00	10.00									10.00	10.00	10.00	10.00		
New Mexico	2.33					2.09					2.29				2.29		1.50-4.00	
New York	3.28	2.61	5.36	5.26			6.54	3.39	6.58	6.58	3.28	2.61	6.40	4.56	6.26	5.20	1.75-10.00	
North Carolina	3.63	3.65	2.93	3.15			2.50		4.13	2.84	3.03	3.65	2.78	3.15	3.71	3.62	.60-20.00	
Ohio			7.14	7.04			4.77	3.91					6.43	6.86	6.43	6.86	1.00-50.00	
Oklahoma	1.68	1.00	2.50						1.75		1.68	1.00	2.50		1.71	1.00	.91-3.33	
Oregon	1.70	.91	2.50		1.79	2.00					1.71	.93	2.50		1.71	.93	.30-8.00	
Pennsylvania	10.71	12.00	6.21	4.91			3.37	2.22	3.00	3.48	10.71	12.00	5.87	4.58	4.18	4.72	1.50-15.00	
Rhode Island	5.00	5.00	4.59	4.59					4.88	4.88	5.00	5.00	4.59	4.59	4.84	4.84	4.00-5.00	
South Carolina	2.19	2.36	2.04						1.80		2.19	2.36	2.04		1.98	2.36	4.00-7.32	
South Dakota	4.22										4.22				4.22		4.00-5.00	
Tennessee	2.50		2.96	4.00			6.00	6.00	3.00	2.00	2.50		3.32	5.55	2.77	2.95	2.00-6.00	
Texas	2.15	2.10	5.00				3.33	3.33			2.15	2.10	4.95	3.33	2.90	2.12	1.00-5.00	

Utah	2.33										2.33				2.33		1.50-	2.50
Vermont	6.00	6.00	4.41	3.19					1.73	1.08	6.00	6.00	4.41	3.19	3.94	2.81	1.08-	6.00
Virginia	2.51	2.53	3.15	3.08			3.00		2.15	2.15	2.51	2.53	3.13	3.08	2.51	2.49	1.00-	8.75
Washington	2.55	1.23	5.92		2.47	.50			1.34		2.52	1.22	5.92		2.52	1.22	.11-	14.00
West Virginia	3.00		5.79	2.00			3.63	2.91	4.92	3.00	3.00		3.67	2.89	4.01	2.89	2.00-	10.00
Wisconsin	6.00		2.71	7.11			10.00	10.00	3.43		6.00		4.00	8.31	3.45	8.31	.75-	10.00
Wyoming	2.18										2.18				2.18		1.00-	2.50
Average or spread	2.82	3.01	4.70	5.10	2.31	2.46	4.54	3.52	3.01	3.08	2.70	3.01	4.60	4.52	2.88	3.16	.11-	72.00

TABLE 30.—Prices of logs, per thousand feet board measure, softwoods, hardwoods, and mixed, by States and type of sale, 1932

State	Individual sales				Flat-rate sales						Total sales						
	Softwoods		Hardwoods		Softwoods		Hardwoods		Mixed		Softwoods		Hardwoods		Aggregate		
	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	All sales	Lumber logs	Price range, all sales
Alabama	\$8.86	\$8.86	\$14.25	\$14.25			\$17.00	\$17.00	\$12.78	\$12.78	\$8.86	\$8.86	\$14.37	\$14.37	\$11.55	\$11.55	\$4.00-\$25.00
Arkansas	6.76	6.77	12.26	12.16					9.18	9.18	6.76	6.77	12.18	12.05	8.51	8.23	2.75-16.34
California	11.84	12.30			\$13.98	\$13.98					11.88	12.34			11.88	12.34	6.00-17.56
Colorado	10.97	12.14			15.00	15.00					11.04	12.21			11.04	12.21	8.00-20.00
Delaware			20.14										20.14		20.14		20.00-150.00
Florida	13.14	13.15	16.02	16.02			13.07	13.07			13.14	13.15	15.29	16.02	13.40	13.43	5.00-35.00
Georgia	10.64	10.66	12.02	12.08					11.00		10.64	10.66	12.02	12.08	10.88	10.87	4.00-20.26
Idaho	11.20	9.26			5.47	5.47					11.05	9.08			11.05	9.08	4.00-16.00
Illinois			13.57	85.00			10.00						12.83	85.00	12.83	85.00	8.00-85.00
Indiana			33.06	22.79			19.56	19.56					32.32	22.53	32.32	22.53	6.57-150.00
Iowa			42.46	42.46									42.46	42.46	42.46	42.46	40.00-48.00
Kansas			52.78	52.78									52.78	52.78	52.78	52.78	52.15-53.00
Kentucky			11.78	11.85			16.29	16.33					15.80	15.99	15.80	15.99	5.00-20.00
Louisiana	10.87	10.86	10.88	11.80			8.11	8.11	15.89	15.89	10.87	10.86	10.86	11.77	11.97	12.58	2.20-17.23
Maine	17.42	13.40	15.63	19.38	9.91	9.91	16.15	16.15	13.52	13.52	17.10	12.84	15.73	18.51	17.01	13.55	7.00-25.00
Maryland			8.28	8.28					7.50	7.50			8.28	8.28	8.09	8.09	7.50-10.00
Massachusetts	10.54	10.55	15.10	14.11			12.00	12.00	16.00	16.00	10.54	10.55	14.92	13.28	11.31	11.76	5.00-100.00
Michigan	9.60	9.51	17.12	15.66					17.00	17.00	9.60	9.51	17.12	15.56	16.14	15.36	5.50-160.00
Minnesota	13.31	14.73	7.85	7.10							13.31	14.73	7.85	7.10	12.72	14.55	6.00-20.00
Mississippi	7.87	7.87	11.94	11.90			14.63	14.63	9.01	9.01	7.87	7.87	12.71	12.70	11.15	11.12	1.80-27.50
Missouri	7.73	7.24	27.12	32.81							7.73	7.24	27.12	32.81	14.50	15.92	6.00-55.00
Montana	9.51	9.51	4.00	4.00	10.00	10.00					9.52	9.52	4.00	4.00	9.49	9.49	4.00-12.00
New Hampshire	13.52	13.49	24.63	15.33	8.07	8.47	24.35	8.00			11.63	11.78	24.48	15.31	20.28	12.71	7.00-115.00
New Jersey			27.00	27.00									27.00	27.00	27.00	27.00	25.00-30.00
New Mexico	15.87	15.87									15.87	15.87			15.87	15.87	6.50-15.96
New York	13.72	13.59	21.23	24.42	13.36	13.36	24.34	12.20	32.16	32.16	13.70	13.57	22.19	22.42	22.63	25.43	7.50-39.00
North Carolina	8.34	8.33	8.95	8.56			15.22	15.22	6.63	6.63	8.34	8.33	9.65	9.52	8.44	8.40	3.50-30.00
Ohio			29.91	30.68			25.00						29.86	30.68	29.86	30.68	4.00-150.00
Oklahoma	4.10	4.10	8.13	8.13			14.08	14.08			4.10	4.10	9.30	9.30	5.63	5.63	4.00-14.08
Oregon	9.41	9.71	9.53	9.09	6.31	6.31					9.37	9.64	9.53	9.09	9.37	9.64	2.00-75.00
Pennsylvania	7.62	7.62	22.77	16.97			15.75	15.75	12.00	12.00	7.62	7.62	22.36	16.88	20.47	15.40	3.00-50.00
South Carolina	8.38	8.38	14.83	15.39							8.38	8.38	14.83	15.39	10.66	10.75	2.54-28.50
South Dakota	17.00	17.00									17.00	17.00			17.00	17.00	
Tennessee	13.46	13.46	18.98	15.17			20.10	20.10	16.83	16.83	13.46	13.46	13.46	17.86	19.27	17.74	5.00-40.00
Texas	11.02	8.44	15.79	18.71							11.02	8.44	15.79	18.71	12.82	11.79	3.75-37.62
Utah	8.15	8.15									8.15	8.15			8.15	8.15	7.00-8.50
Vermont	12.14	12.25	15.81	15.73	13.58	13.58	12.00	12.00	11.46	11.46	12.47	12.57	15.71	15.56	13.85	13.44	8.00-30.20

Virginia.....	8.87	8.86	16.54	13.27					16.88	16.88	8.87	8.86	16.54	13.27	13.84	9.93	1.50-300.00
Washington.....	9.57	9.22	10.73	11.47	8.22	8.22					9.51	9.16	10.73	11.47	9.51	9.16	1.26-40.00
West Virginia.....			21.65	25.00			14.54	14.54					18.22	14.80	18.22	14.80	6.67-58.50
Wisconsin.....	13.98	12.95	22.82	20.27			12.23	12.32	16.00	16.00	13.98	12.95	21.60	20.13	18.89	18.02	4.00-40.00
Average or spread.....	9.72	9.53	16.27	15.51	8.17	8.17	17.66	17.62	14.50	14.88	9.66	9.47	16.21	15.90	10.24	10.02	1.26-300.00

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TABLE 31.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1932

REGION 0—NORTHEASTERN

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Norway pine.....	\$3.00	\$3.00		\$19.45		
Northern white pine.....	0.47	0.42	\$1.50-14.00	14.90	\$13.10	\$5.00-\$21.00
Pitch pine.....	1.83	1.83	1.00- 2.00	10.00		
Eastern spruce.....	7.04	5.94	3.00-10.00	14.50	12.95	10.00- 37.50
Eastern hemlock.....	3.14	3.12	2.00- 5.00	11.74	11.62	7.00- 30.00
Balsam fir.....	6.00	6.00		20.59	12.16	11.25- 22.00
Northern white cedar.....	6.00	6.00		17.61	14.50	10.00- 25.00
Individual softwoods.....	6.09	5.86	1.00-14.00	15.65	12.73	5.00- 37.50
Flat-rate softwoods.....	3.13	3.13	.50- 5.00	10.84	11.13	7.00- 16.00
Total.....	5.93	5.69	.50-14.00	15.26	12.45	5.00- 37.50
Oak 1.....	4.84	4.45	3.50-10.00	24.31	15.24	11.50- 26.00
Red oak.....	5.45	5.45	2.84- 8.00	14.61	14.59	12.00- 20.00
White oak.....				20.00		
Hard maple.....	6.00			15.81	15.71	12.00- 18.00
Maple 1.....	5.75	5.80	3.00- 8.00	19.37	23.16	8.00-100.00
Elm.....				18.00	13.50	12.00- 30.00
Ash.....	10.00	10.00		27.67	19.59	14.00- 35.00
Butternut.....				19.00	25.00	10.00- 25.00
Locust.....				12.50		
Aspen.....				11.33	11.33	8.00- 14.00
Birch 1.....	7.00	2.98	2.00-10.00	21.15	17.22	8.00-115.00
Hickory.....	5.00	5.00				
Cherry.....				16.54	16.11	10.00- 25.00
Basswood.....	6.50	5.00	5.00- 8.00	29.82	16.35	11.00- 28.00
Chestnut.....	3.50	3.50		10.50	10.50	9.00- 15.00
Beech.....	3.09	3.03	2.00- 5.00	12.60	11.72	8.00- 20.00
Magnolia.....				18.00		
Individual hardwoods.....	5.51	4.91	2.00-10.00	19.31	19.92	8.00-115.00
Flat-rate hardwoods.....	6.54	3.39	2.50- 8.80	25.66	25.01	8.00- 32.00
Total hardwoods.....	6.31	4.68	2.00-10.00	20.62	21.25	8.00-115.00
Flat-rate mixed.....	4.85	4.90	1.00- 9.00	23.34	23.34	10.00- 30.00
Average or spread.....	5.93	5.45	.50-14.00	17.49	16.85	5.00-115.00

REGION 1—NORTH ATLANTIC

Northern white pine.....	\$12.00	\$12.00		\$17.38	\$17.38	\$10.00-\$22.00
Shortleaf pine.....	5.05	5.19	\$4.00-\$5.00			
Eastern hemlock.....	6.03		3.00- 8.00	4.60	4.60	3.00-14.00
Individual softwoods.....	5.78	6.03	3.00-12.00	7.62	7.62	3.00- 22.00
Oak 1.....	7.44	0.44	4.50-10.00	17.30	17.30	6.00- 25.00
Red oak.....	4.68	4.62	2.00-10.00	14.47	14.47	10.00- 18.00
White oak.....	7.51	3.53	2.50-15.00	22.15	22.15	10.00- 30.00
Soft maple.....	4.00			14.00	14.00	
Hard maple.....	5.00			20.00	20.00	
Maple 1.....	4.76	3.40	1.50-13.00	19.10	20.29	8.00- 25.00
Elm.....	3.00			6.00	6.00	
Ash.....	8.93	5.00	4.00-10.50	42.95	18.97	8.00- 45.00
Black walnut.....				25.00	25.00	
Red gum.....	2.00	2.00		20.14		20.00-150.00
Sycamore.....	2.60	2.00				
Locust.....				20.00		
Yellow poplar.....	3.00	3.00		25.00		
Birch 1.....	6.50	3.00	3.00-11.00	10.00	10.00	
Hickory.....	1.94	1.93	1.50- 8.00	26.00	8.00	8.00- 50.00
Cherry.....				11.31	11.31	10.00- 40.00
Basswood.....	12.50			23.27	24.38	11.00- 25.00
Chestnut.....	2.80	3.09	1.50- 5.00	8.24	8.24	8.00- 15.00
Beech.....	4.00			15.02	15.02	8.00- 18.00
Magnolia.....				18.00	18.00	
Individual hardwoods.....	5.47	4.51	1.50-15.00	20.79	16.97	6.00-150.00
Flat-rate hardwoods.....	3.37	2.22	1.50- 6.00	15.75	15.75	12.00- 18.00
Total hardwoods.....	5.30	4.31	1.50-15.00	20.61	16.90	6.00-150.00
Flat-rate mixed.....	3.03	2.89	1.50- 6.00	9.11	9.11	7.50- 12.00
Average or spread.....	4.25	4.48	1.50-15.00	18.82	15.45	3.00-150.00

1 Species not reported.

TABLE 31.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1932—Continued

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Norway pine.....				\$16.68	\$16.68	\$8.00-15.00
Jack pine.....	\$2.11	\$2.11	\$2.00-34.00	10.03	13.18	6.00-10.00
Northern white pine.....	2.90	1.48	1.11-10.00	14.32	14.29	8.00-80.00
Tamarack.....	.67	1.00	.60-1.00	14.75	14.75	9.00-17.00
Eastern spruce.....	4.06		3.75-6.00	13.36	13.36	9.00-16.00
Eastern hemlock.....	1.58	1.89	.50-5.00	12.19	8.80	6.50-15.00
Balsam fir.....	1.16	1.00	1.00-1.60	8.76	8.76	8.00-13.00
Northern white cedar.....	2.05	1.50	1.00-3.00	12.91	11.87	11.50-13.00
Individual softwoods.....	1.93	1.72	.50-10.00	12.92	12.54	5.50-30.00
Oak 1.....	5.88		5.00-10.00	20.49	18.90	9.00-40.00
Red oak.....	7.70	7.70	7.00-8.00	16.68	19.15	6.00-30.00
White oak.....	8.00	8.00		26.57	26.00	20.00-30.00
Soft maple.....	6.42		4.00-8.00	13.70	13.97	6.00-18.00
Hard maple.....	9.32	10.00	5.00-10.00	15.85	15.70	6.00-30.00
Maple 1.....	0.51	7.51	3.00-16.00	20.41	17.71	6.00-160.00
Elm 1.....	7.61	6.50	3.00-12.00	22.52	23.85	4.50-29.00
Rock elm.....				17.58	19.87	13.00-24.00
Ash.....	4.25		2.00-10.00	20.02	20.50	7.50-29.00
Butternut.....				18.00	18.00	
Aspen.....	.90	1.00	.75-1.57	7.88	7.30	7.00-12.50
Cottonwood.....				4.00	4.00	
Birch 1.....	7.24	9.63	4.50-12.00	25.81	21.47	8.00-40.00
Cherry.....	10.00			20.00	20.00	12.00-22.00
Basswood.....	6.92	7.33	4.00-12.00	17.18	16.65	4.00-28.00
Beech.....	2.92		2.00-11.00	12.74	9.47	8.00-14.50
Individual hardwoods.....	5.90	4.26	.75-16.00	19.79	17.92	4.00-160.00
Flat-rate hardwoods.....	10.67	10.00	10.00-10.77	12.23	12.32	11.00-18.00
Total hardwoods.....	6.29	8.48	.75-16.00	19.32	17.87	4.00-160.00
Flat-rate mixed.....	3.81		1.98-7.14	17.00	17.00	16.00-17.00
Average or spread.....	4.81	2.95	.50-16.00	17.02	16.20	4.00-160.00

REGION 3—CENTRAL

Northern white pine.....	\$3.00			\$12.24	\$12.24	\$12.00-12.50
Shortleaf pine.....	1.12	\$3.00	\$1.00-33.00	7.78	6.75	6.00-10.00
Southern yellow pine 1.....				6.00	8.00	
Cypress.....	2.50			8.01	8.01	7.50-12.00
Eastern red cedar.....				24.36	24.36	18.00-25.00
Individual softwoods.....	2.40	3.00	1.00-3.00	7.97	7.59	6.00-25.00
Oak 1.....	5.82	6.10	1.50-12.50	15.39	13.45	5.00-55.57
Red oak.....	4.14	5.38	1.50-15.00	15.90	16.29	5.00-40.00
White oak.....	10.99	7.67	3.00-30.00	20.18	19.23	8.00-46.00
Soft maple.....	10.00	10.00		16.00		
Hard maple.....				19.76	19.76	10.00-25.00
Maple 1.....	7.76	6.28	3.00-15.00	19.62	18.80	8.00-58.50
Elm 1.....	5.47	6.45	2.00-23.00	15.11	11.89	4.00-28.00
Ash.....	16.03	16.03	1.00-30.00	27.40	22.57	10.00-55.00
Black walnut.....	29.99	23.56	3.00-72.00	65.82	61.57	17.00-150.00
Butternut.....				15.00	15.00	
Red gum.....	3.81	3.91	1.00-6.00	10.31	9.28	5.00-20.00
Black gum.....				8.00	8.00	
Sycamore.....	3.80	5.60	2.00-5.00	9.69	9.07	5.00-15.00
Cottonwood.....				8.61	9.05	8.00-15.00
Yellow poplar.....	4.73	4.77	2.50-10.00	22.39	12.64	5.00-50.00
Birch 1.....				19.01		
Hickory 1.....	0.28	6.73	3.00-10.00	34.09	16.47	6.00-40.33
Cherry.....				14.00	15.00	12.50-15.00
Basswood.....	8.27	8.28	3.00-10.00	26.04	16.60	9.00-35.00
Chestnut.....	4.17	4.19	2.00-8.00	8.81	8.40	7.00-15.00
Beech.....	3.83	3.08	1.00-8.00	17.05	10.04	5.00-23.00
Individual hardwoods.....	6.28	6.02	1.00-72.00	23.50	23.74	4.00-150.00
Flat-rate hardwoods.....	4.35	4.15	2.29-15.00	17.57	17.79	6.07-20.78
Total hardwoods.....	4.61	5.49	1.00-72.00	21.27	20.77	4.00-150.00
Flat-rate mixed.....	4.30	1.90	1.50-4.96	16.83	16.83	
Average or spread.....	6.28	5.30	1.00-72.00	19.96	19.44	4.00-160.00

1 Species not reported.

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TABLE 31.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1932—Continued

REGION 4—NORTH CAROLINA PINE

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Northern white pine.....	\$2.00	\$2.00				
Shortleaf pine.....	3.33	3.35	\$0.50-\$3.00	\$3.38	\$3.33	\$3.50-\$13.00
Southern yellow pine ¹	2.37	3.75	.93-7.32	7.50	7.50	2.54-9.23
Cypress.....	1.50	1.50		9.92	9.92	6.00-12.00
Eastern red cedar.....	5.00	5.00		17.69	20.00	15.00-20.00
Individual softwoods.....	3.21	3.36	.50-7.32	8.38	8.37	2.54-20.00
Oak ¹	3.43	3.12	2.00-8.75	13.55	13.48	9.00-30.00
Red oak.....	3.07	4.00	2.50-5.00	13.14	13.14	8.84-15.31
White oak.....	3.44	3.17	2.50-6.00	8.50	8.47	8.00-12.70
Maple ¹	3.00			9.54	9.23	7.63-22.00
Elm ¹				13.27	12.54	12.54-14.00
Ash.....				19.59	19.50	12.00-28.50
Black walnut.....	20.00	20.00		141.03	35.00	12.00-250.00
Red gum.....	2.00			14.96	14.96	6.00-16.70
Tupelo gum.....	2.00			8.24	8.21	7.30-11.10
Black gum.....				7.59	8.32	7.00-8.35
Cottonwood.....				11.00	11.00	
Yellow poplar.....	2.64	2.69	2.00-4.00	14.84	12.88	8.00-300.00
Chestnut.....	1.80		1.00-2.00			
Beech.....				8.00	8.00	
Individual hardwoods.....	2.44	3.10	1.00-20.00	14.22	13.71	6.00-300.00
Flat-rate hardwoods.....	2.63		2.50-3.00	15.23	15.22	
Total hardwoods.....	2.48	3.10	1.00-20.00	14.24	13.77	6.00-300.00
Flat-rate mixed.....	2.83	2.41	.64-8.00	11.21	11.21	6.03-16.88
Average or spread.....	3.06	3.30	.50-20.00	9.79	9.29	2.54-300.00

REGION 5—SOUTHERN PINE

Longleaf pine.....	\$6.99	\$4.63	\$2.00-\$10.00	\$11.37	\$10.02	\$5.00-\$37.62
Shortleaf pine.....	2.35	2.01	.75-6.00	6.21	6.20	2.75-17.23
Southern yellow pine ¹	4.18	3.20	.50-6.00	9.67	9.67	5.50-17.18
Cypress.....	4.90	4.09	1.50-11.93	14.36	14.36	5.00-21.25
Eastern red cedar.....	8.40	7.00	7.00-10.00	25.49	25.49	25.00-35.00
Individual softwoods.....	5.01	2.82	.75-11.93	9.26	9.15	2.75-37.62
Oak ¹	4.52	1.97	1.00-9.00	12.43	12.58	6.00-16.00
Red oak.....	3.70	4.14	1.00-8.00	13.11	13.11	5.00-16.00
White oak.....	4.20	4.66	1.50-10.00	13.48	13.48	8.00-18.00
Willow.....				3.25		
Maple ¹	3.00			10.75	10.75	8.00-16.91
Elm ¹	3.14	4.09	3.00-4.00	9.07	9.07	2.20-16.54
Ash.....	5.34		3.00-6.00	20.08	20.22	7.00-28.00
Red gum.....	4.30	4.57	1.00-6.00	10.77	11.07	5.00-16.00
Tupelo gum.....	4.00	4.00		12.75	12.77	7.00-15.50
Black gum.....	2.44	1.00	1.00-2.50	6.32	6.32	4.61-10.00
Sycamore.....				10.02	10.02	7.00-14.00
Locust.....				18.00	18.00	
Cottonwood.....				8.68	10.22	5.00-14.00
Yellow poplar.....	2.50			13.40	13.45	9.00-20.26
Pecan.....				10.00	10.00	
Hickory.....	2.00			15.21	15.31	4.50-20.00
Cherry.....				13.67	13.67	13.00-14.00
Basswood.....				12.74	12.74	12.04-15.00
Beech.....	2.00			9.83	9.83	4.01-12.00
Magnolia.....	2.18		2.00-3.00	11.20	11.20	0.21-15.33
Individual hardwoods.....	3.72	3.83	1.00-10.00	12.29	12.61	2.20-28.00
Flat-rate hardwoods.....	2.55	3.07	1.00-4.00	14.30	14.40	1.80-17.00
Total hardwoods.....	3.38	3.23	1.00-10.00	12.51	12.81	1.80-28.00
Flat-rate mixed.....	2.39	2.54	.33-6.00	12.23	12.48	7.00-16.34
Average or spread.....	4.57	2.80	.33-11.93	10.91	10.02	1.80-37.62

¹ Species not reported.

TABLE 31.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1932—Continued

REGION 6—PACIFIC NORTHWEST

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Ponderosa pine.....	\$2.07	\$1.14	\$0.27-\$8.00	\$9.24	\$9.24	\$4.50-\$14.60
Western white pine.....	13.28		3.50-14.00	14.40	14.40	11.50-15.25
Sugar pine.....	2.55		1.00-3.00	8.00		
Western larch.....	.84		.50-1.25	6.97	6.97	6.00-7.50
Engelmann spruce.....				13.25		
Sitka spruce.....	2.49	.29	.29-4.00	10.98	10.66	5.00-22.75
Western hemlock.....	1.06	.11	.11-2.00	7.78	7.80	1.28-12.00
Douglas fir.....	2.22	1.24	.25-4.00	9.44	9.04	2.00-24.00
White fir.....	.53	.22	.11-1.25	6.56	5.00	1.25-15.00
Incense cedar.....	.50			7.61	8.00	5.25-8.00
Western red cedar.....	3.28	.17	.17-4.00	9.40	10.33	3.50-14.00
Port Orford cedar.....	4.92		4.00-8.00	30.79	30.82	5.00-40.00
Individual softwoods.....	2.12	1.08	.11-14.00	9.52	9.38	1.20-40.00
Flat-rate softwoods.....	2.36	1.01	.14-3.00	7.99	7.99	4.75-11.60
Total softwoods.....	2.19	1.08	.11-14.00	9.46	9.31	1.26-40.00
Oak.....	10.00			35.00	40.00	20.00-40.00
Maple.....	2.50			12.92	11.64	9.00-75.00
Ash.....				15.17	15.17	12.00-16.00
Cottonwood.....	2.71			6.45	5.97	4.50-13.00
Birch.....				15.48	15.00	15.00-30.00
Alder.....				9.83	9.83	7.00-12.00
Individual hardwoods.....	4.83		2.50-10.00	10.20	9.74	4.50-40.00
Flat-rate mixed.....	1.34	1.34	.80-2.02			
Average or spread.....	2.18	1.08	.11-14.00	0.47	9.31	1.26-40.00

REGION 7—PACIFIC (SOUTH)

Ponderosa pine.....	\$2.58		\$0.37-\$5.03	\$11.27	\$11.81	\$6.00-\$12.88
Sugar pine.....	2.33		.98-4.00			
Sitka spruce.....	1.00			13.02		12.70-13.50
Western hemlock.....				10.00		
Douglas fir.....	1.30	\$2.00	.75-2.00	16.17	16.17	6.00-17.56
White fir.....	1.18		1.00-2.00	8.90	8.00	
Redwood.....	2.98		1.18-4.00	8.90	8.00	
Incense cedar.....	.62	1.73	.50-3.00	7.96	7.96	7.50-10.00
Individual softwoods.....	2.57	1.82	.32-5.00	11.84	12.30	6.00-17.56
Flat-rate softwoods.....	2.23		1.11-4.00	13.98	13.98	
Total softwoods.....	2.47	1.82	.37-5.00	11.88	12.70	6.00-17.56
Hardwoods (oak).....	3.00					
Average or spread.....	2.47	1.82	.37-5.00	11.88	12.70	6.00-17.56

REGION 8—ROCKY MOUNTAIN (NORTH)

Ponderosa pine.....	\$2.37		\$0.93-\$3.50	\$9.00	\$9.00	\$4.00-\$12.00
Western white pine.....	6.41	\$4.00	4.00-7.00	15.33	12.73	10.00-16.00
Lodgepole pine.....	1.39		1.00-1.50	7.00	7.00	5.50-9.50
Western larch.....	1.03	1.50	.50-2.25	7.57	7.99	6.00-11.00
Western hemlock.....				6.50	6.50	
Douglas fir.....	1.01	1.50	.50-2.55	8.11	8.68	5.50-11.00
White fir.....				7.50	7.56	
Western red cedar.....	1.61			6.69	8.28	4.50-9.00
Individual softwoods.....	3.24	3.83	.50-7.00	11.11	9.28	4.00-18.00
Flat-rate softwoods.....	1.52		.50-3.00	5.70	5.70	4.50-10.00
All softwoods.....	2.66	3.83	.50-7.00	10.97	9.12	4.00-18.00
Hardwoods (cottonwood).....				4.00	4.00	
Average or spread.....	2.66	3.83	.50-7.00	10.97	9.12	4.00-18.00

TABLE 31.—Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1932—Continued

REGION 9—ROCKY MOUNTAIN (SOUTH)

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Ponderosa pine.....	\$3.16	\$1.18	\$1.00-\$5.00	\$15.63	\$15.63	\$6.50-\$15.96
Lodgepole pine.....	2.04	3.00	1.00-3.00	18.85	18.88	11.00-20.00
Engelmann spruce.....	2.28	-----	1.50-3.00	10.00	10.00	-----
Douglas fir.....	2.73	-----	2.50-3.00	9.00	8.00	-----
White fir.....	2.00	-----	-----	-----	-----	-----
Individual hardwoods.....	3.15	1.52	1.00-5.00	15.55	15.66	8.00-20.00
Flat-rate softwoods.....	2.40	-----	2.00-3.00	15.00	15.00	-----
All softwoods.....	3.14	1.52	1.00-5.00	15.55	15.66	8.00-20.00
Average or spread.....	3.14	1.52	1.00-5.00	15.55	15.66	8.00-20.00

REGION 10—PRAIRIE

Ponderosa pine.....	\$4.01	-----	\$2.00-\$5.00	\$17.00	\$17.00	-----
Black walnut.....	18.29	-----	12.00-25.00	30.96	50.66	\$40.00-\$53.00
Average or spread.....	5.88	-----	2.00-25.00	30.83	30.83	17.00-53.00

¹ Species not reported.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932

PONDEROSA PINE

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Dollars					Dollars				
0.00	6	20	-----	-----	5.00-7.49	-----	-----	32	11
1.00-1.99	25	21	-----	-----	7.50-9.99	(1) 2	3	37	37
2.00-2.99	46	14	-----	-----	10.00-14.99	-----	-----	28	30
3.00-3.99	16	31	-----	-----	15.00-19.99	-----	-----	3	12
4.00-4.99	5	10	3	1	-----	-----	-----	-----	-----

WESTERN, WHITE PINE

3.00-3.99	12	(1) 9	-----	-----	10.00-14.99	12	3	73	42
4.00-4.99	12	-----	-----	-----	15.00-19.99	-----	-----	27	58
5.00-7.49	64	88	-----	-----	-----	-----	-----	-----	-----

LODGEPOLE PINE

1.00-1.99	43	29	-----	-----	7.50-9.99	-----	-----	20	10
2.00-2.99	29	65	-----	-----	10.00-14.99	-----	-----	20	10
3.00-3.99	28	8	-----	-----	20.00-24.99	-----	-----	40	67
5.00-7.49	-----	-----	20	13	-----	-----	-----	-----	-----

SUGAR PINE

0.00	8	9	-----	-----	3.00-3.99	31	(1) 10	-----	-----
1.00-1.99	31	5	-----	-----	4.00-4.99	15	-----	-----	-----
2.00-2.99	15	67	-----	-----	7.50-9.99	-----	-----	100	100

See footnote at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

NORWAY PINE

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Percent	Percent	Percent		Percent	Dollars	Percent	Percent
3.00-3.99					10.00-14.99			13	3
7.50-9.99				8	15.00-19.99			81	80

JACK PINE

2.00-2.99	67	95			5.00-7.49			33	11
3.00-3.99					7.50-9.99			31	61
4.00-4.99	33	5			15.00-19.99			33	28

NORTHERN WHITE PINE

1.00-1.99	4	5			10.00-14.99	18	18	47	20
2.00-2.99	10	6			15.00-19.99			20	57
3.00-3.99	4	15			20.00-24.99			8	6
4.00-4.99	2	1			25.00-29.99			1	(1)
5.00-7.49	45	42	1	(1)	30.00-34.99			1	1
7.50-9.99	17	13	13	18					

PITCH PINE

1.00-1.99	50	17			10.00-14.99			100	100
2.00-2.99	50	83							

LONGLEAF PINE

2.00-2.99	14	2			7.50-9.99	3	66	6	13
3.00-3.99	10	4			10.00-14.99	3	1	53	38
4.00-4.99	28	5			15.00-19.99			6	27
5.00-7.49	33	22	19	20	35.00-49.99			6	2

SHORTLEAF PINE

0.99	6	1			5.00-7.49	6	4	39	40
1.00-1.99	27	17			7.50-9.99			34	30
2.00-2.99	35	35	1	(1)	10.00-14.99			18	14
3.00-3.99	18	14	3	1	15.00-19.99			1	(1)
4.00-4.99	8	29	4	6					

SOUTHERN YELLOW PINE

0.99	6	1			5.00-7.49	23	27	31	10
1.00-1.99	16	8			7.50-9.99			36	45
2.00-2.99	20	36	5	1	10.00-14.99			18	41
3.00-3.99	23	25	5	3	15.00-19.99			5	(1)
4.00-4.99	3	(1)							

WESTERN LARCH

0.99	23	73			5.00-7.49			60	58
1.00-1.99	46	17			7.50-9.99			27	37
2.00-2.99	31	10			10.00-14.99			13	5

See footnotes at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

TAMARACK

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
0.00	50	86	-----	-----	10.00-14.99	-----	-----	33	1
1.00-1.99	50	14	-----	-----	15.00-19.99	-----	-----	34	71
7.50-9.99	-----	-----	33	28	-----	-----	-----	-----	-----

ENGELMANN SPRUCE

1.00-1.99	17	28	-----	-----	3.00-3.99	17	18	-----	-----
2.00-2.99	66	54	-----	-----	10.00-14.99	-----	-----	100	100

SITKA SPRUCE

0.00	20	9	-----	-----	5.00-7.40	-----	-----	23	12
1.00-1.99	33	30	-----	-----	7.50-9.99	-----	-----	22	8
2.00-2.99	7	17	-----	-----	10.00-14.99	-----	-----	48	79
3.00-3.99	33	30	-----	-----	15.00-19.99	-----	-----	2	(1)
4.00-4.99	7	8	-----	-----	20.00-24.99	-----	-----	5	1

EASTERN SPRUCE

3.00-3.99	19	14	-----	-----	15.00-19.99	-----	-----	38	23
4.00-4.99	12	(1)	-----	-----	20.00-24.99	-----	-----	3	18
5.00-7.40	50	20	-----	-----	25.00-29.99	-----	-----	-----	-----
7.50-9.99	13	65	5	2	30.00-34.99	-----	-----	3	(1)
10.00-14.99	6	1	48	57	35.00-40.99	-----	-----	3	(1)

EASTERN HEMLOCK

0.00	7	4	-----	-----	7.40-9.99	4	1	17	21
1.00-1.99	25	33	-----	-----	10.00-14.99	-----	-----	50	38
2.00-2.99	18	6	-----	-----	15.00-19.99	-----	-----	16	37
3.00-3.99	18	40	1	1	25.00-29.99	-----	-----	1	(1)
4.00-4.99	14	3	-----	-----	30.00-34.99	-----	-----	1	(1)
5.00-7.40	14	7	8	3	-----	-----	-----	-----	-----

WESTERN HEMLOCK

0.00	23	4	-----	-----	5.00-7.40	-----	-----	60	41
1.00-1.99	60	90	1	(1)	7.50-9.99	-----	-----	31	57
2.00-2.99	8	(1)	-----	-----	10.00-14.99	-----	-----	3	1
4.00-4.99	-----	-----	5	1	-----	-----	-----	-----	-----

DOUGLAS FIR

0.00	17	9	-----	-----	5.00-7.40	-----	-----	35	10
1.00-1.99	57	39	-----	-----	7.50-9.99	-----	-----	36	69
2.00-2.99	19	0	1	(1)	10.00-14.99	-----	-----	18	23
3.00-3.99	6	42	3	1	15.00-19.99	-----	-----	1	3
4.00-4.99	1	1	5	2	20.00-24.99	-----	-----	1	1

WHITE FIR

0.00	20	57	-----	-----	5.00-7.40	-----	-----	40	52
1.00-1.99	50	41	5	2	7.50-9.99	-----	-----	15	27
2.00-2.99	30	2	10	7	10.00-14.99	-----	-----	15	7
3.00-3.99	-----	-----	10	5	15.00-19.99	-----	-----	5	(1)

See footnotes at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

BALSAM FIR

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
1.00-1.99	75	34			10.00-14.99			64	6
5.00-7.49	25	66			15.00-19.99			9	(1)
7.50-9.99			9	1	20.00-24.99			18	33

CYPRESS

1.00-1.99	31	4			7.50-9.99			21	12
2.00-2.99	12	31			10.00-14.99	6	(1)	61	46
3.00-3.99	6	1			15.00-19.99			8	32
4.00-4.99	18	17			20.00-24.99			2	4
5.00-7.49	47	47	8	6					

REDWOOD

1.00-1.99	12	14			4.00-4.99	13	51		
2.00-2.99	63	28			7.50-9.99			100	100
3.00-3.99	12	7							

INCENSE CEDAR

0.99	17	98			5.00-7.49			33	16
1.00-1.99	42	3			7.50-9.99			50	83
2.00-2.99	33	2			10.00-14.99			17	1
3.00-3.99	8	2							

WESTERN RED CEDAR

0.99	6	2			4.00-4.99	3	12		
1.00-1.99	41	5			5.00-7.49			20	6
2.00-2.99	19	4			7.50-9.99			52	58
3.00-3.99	31	77	1	(1)	10.00-14.99			27	36

NORTHERN WHITE CEDAR

1.00-1.99	22	2			10.00-14.99			75	34
2.00-2.99	22	7			15.00-19.99			13	36
3.00-3.99	11	3			25.00-29.99			12	30
5.00-7.49	45	88							

PORT ORFORD CEDAR

4.00-4.99	50	23			20.00-24.99			8	(1)
5.00-7.49			8	(1)	25.00-29.99			17	40
7.50-9.99	50	77	8	(1)	30.00-34.99			34	39
15.00-19.99			17	(1)	35.00-49.99			8	21

EASTERN RED CEDAR

5.00-7.49	40	61			20.00-24.99			17	2
7.50-9.99	10	13			25.00-29.99			33	91
10.00-14.99	40	26			35.00-49.99			17	4
15.00-19.99			33	3					

See footnotes at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

INDIVIDUAL SOFTWOODS

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Dollars					Dollars				
0.00	8	11			10.00-14.99	2	(1)	29	26
1.00-1.99	30	27	(1)	(1)	15.00-19.99			8	5
2.00-2.99	28	14	(1)	(1)	20.00-24.99			2	1
3.00-3.99	14	28		(1)	25.00-29.99			1	(1)
4.00-4.99	9	9		2	30.00-34.99			1	(1)
5.00-7.49	10	5		16	35.00-49.99			(1)	(1)
7.50-9.99	2	6		30					

FLAT-RATE SOFTWOODS

0.00	14	7			5.00-7.49	3	(1)	33	30
1.00-1.99	30	18			7.50-9.99			14	53
2.00-2.99	33	61			10.00-14.99			41	6
3.00-3.99	13	1			15.00-19.99			6	(1)
4.00-4.99	7	13		6					

ALL SOFTWOODS

0.99	9	10			10.00-14.99	1	(1)	30	25
1.00-1.99	31	25	(1)	(1)	15.00-19.99			8	5
2.00-2.99	29	24	(1)	(1)	20.00-24.99			2	1
3.00-3.99	14	23		1	25.00-29.99			1	(1)
4.00-4.99	6	10		2	30.00-34.99			1	(1)
5.00-7.49	9	4		26	35.00-49.99			(1)	(1)
7.50-9.99	1	4		29					

OAK

1.00-1.99	5	3			15.00-19.99			16	20
2.00-2.99	9	17			20.00-24.99			7	1
3.00-3.99	22	17			25.00-29.99			4	5
4.00-4.99	11	15			30.00-34.99			3	(1)
5.00-7.49	28	29		5	35.00-49.99			4	(1)
7.50-9.99	14	14		9	50.00-99.99			1	1
10.00-14.99	11	14		51					

WILLOW

3.00-3.99			100	100					
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RED OAK

1.00-1.99	0	3			10.00-14.99	11	3	43	57
2.00-2.99	19	42			15.00-19.99	1	1	24	34
3.00-3.99	5	3			20.00-24.99			10	5
4.00-4.99	5	6			25.00-29.99			6	1
5.00-7.49	39	34		8	30.00-34.99			1	(1)
7.50-9.99	14	8		7	35.00-49.99			1	(1)

WHITE OAK

1.00-1.99	1	7			10.00-14.99	34	9	41	25
2.00-2.99	7	10			15.00-19.99	13	8	15	38
3.00-3.99	7	11			20.00-24.99	3	1	12	20
4.00-4.99	12	29			25.00-29.99			10	2
5.00-7.49	11	9			30.00-34.99	1	2	10	2
7.50-9.99	11	4		6	35.00-49.99			6	1

See footnotes at end of table

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

SOFT MAPLE

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Percent	Percent	Percent		Percent	Dollars	Percent	Percent
4.00-4.99	50	70			10.00-14.99	25	4	40	15
5.00-7.49			15	3	15.00-19.99			31	78
7.50-9.99	25	26	8	4					

HARD MAPLE

5.00-7.49	60	97	9	2	20.00-24.99			15	12
7.50-9.99	20	2			25.00-29.99			6	2
10.00-14.99	20	1	33	37	30.00-34.99			3	(1)
15.00-19.99			34	47					

MAPLE 1

1.00-1.99	2	3			15.00-19.99	4	11	20	36
2.00-2.99	2	1			20.00-24.99			15	12
3.00-3.99	19	21			25.00-29.99			3	8
4.00-4.99	19	12			30.00-34.99			2	10
5.00-7.49	28	44	2	(1)	50.00-99.99			3	(1)
7.50-9.99	15	5	12	6	100+			2	(1)
10.00-14.99	11	3	32	26					

ELM 2

2.00-2.99	4	1	2	1	10.00-14.99	12	10	33	34
3.00-3.99	20	16			15.00-19.99			26	25
4.00-4.99	4	1	5	2	20.00-24.99	4	(1)	8	4
5.00-7.49	30	67	11	4	25.00-29.99			7	25
7.50-9.99	20	5	5	4	30.00-34.99			3	1

ROCK ELM

10.00-14.99			25	8	20.00-24.99			25	29
15.00-19.99			50	63					

ASH

1.00-1.99	5	1			15.00-19.99	5	10	24	18
2.00-2.99	5	5			20.00-24.99			11	17
3.00-3.99	10	18			25.00-29.99	5	6	11	24
4.00-4.99	5	2			30.00-34.99	5	5	5	5
5.00-7.49	10	25	1	1	35.00-40.99			10	19
7.50-9.99	5	4	6	(1)	50.00-99.99			1	(1)
10.00-14.99	33	24	31	16					

BLACK WALNUT

3.00-3.99	5	1			30.00-34.99	5	1	6	(1)
10.00-14.99	5	3	3	(1)	35.00-49.99	10	11	30	15
15.00-19.99	15	15	3	(1)	50.00-99.99	16	11	38	82
20.00-24.99	32	65			100+			14	3
25.00-29.99	11	3	6	(1)					

BUTTERNUT

15.00-19.99			75	90	25.00-29.99			25	10
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See footnote at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

RED GUM

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Percent	Percent	Percent		Percent	Dollars	Percent	Percent
1.00-1.99	12	1			7.50-9.99			19	5
2.00-2.99	26	34			10.00-14.99			43	22
3.00-3.99	29	7			15.00-19.99			10	52
4.00-4.99	6	1			20.00-24.99			6	13
5.00-7.49	24	57	18	8	100+			4	(1)

TUPELO GUM

2.00-2.99	67	99			7.50-9.99			37	7
4.00-4.99	33	1			10.00-14.99			42	81
5.00-7.49			16	5	15.00-19.99			5	7

BLACK GUM

1.00-1.99	33	(1)			5.00-7.49			22	43
2.00-2.99	67	100			7.50-9.99			56	41
4.00-4.99			11	14	10.00-14.99			11	2

SYCAMORE

2.00-2.99	56	76			10.00-14.99			54	57
5.00-7.49	58	24	13	11	15.00-19.99			13	4
7.50-9.99			20	28					

LOCUST

10.00-14.99			33	3	20.00-24.99			34	96
15.00-19.99			33	1					

ASPEN

0.00	33	44			7.50-9.99			33	78
1.00-1.99	67	50			10.00-14.99			50	8
5.00-7.49			17	14					

COTTONWOOD

2.00-2.99	100	100			7.50-9.99			43	35
4.00-4.99			8	4	10.00-14.99			35	30
5.00-7.49			12	31	15.00-19.99			2	(1)

YELLOW POPLAR

2.00-2.99	38	74			15.00-19.99			32	18
3.00-3.99	25	11			20.00-24.99			8	38
4.00-4.99	13	8			25.00-29.99			2	(1)
5.00-7.49	12	(1)	4	(1)	50.00-99.99			2	(1)
7.50-9.99			14	4	100+			2	(1)
10.00-14.99	12	7	30	40					

See footnote at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

BIRCH 1

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Percent	Percent	Percent		Percent	Dollars	Percent	Percent
2.00-2.99	9	3			20.00-24.99			11	19
3.00-3.99	4	1			25.00-29.99			2	(1)
4.00-4.99	9	1			30.00-34.99			13	23
5.00-7.49	35	28			35.00-49.99			4	9
7.50-9.99	17	45	4	2	50.00-99.99			1	1
10.00-14.99	26	22	20	13	100+			1	1
15.00-19.99			35	32					

ALDER

5.00-7.49			10	5	10.00-14.99			71	62
7.50-9.99			19	33					

PECAN

10.00-14.99			100	100					
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HICKORY

1.00-1.99	8	24			15.00-19.99			20	3
2.00-2.99	15	33			20.00-24.99			10	22
3.00-3.99	15	19			25.00-29.99			6	3
4.00-4.99	8	5			30.00-34.99			5	(1)
5.00-7.49	46	7	10	2	35.00-49.99			5	67
7.50-9.99			10	4	50.00-99.99			19	1
10.00-14.99	8	12	20	5					

CHERRY

10.00-14.99	100	100	44	74	25.00-29.99			12	2
15.00-19.99			25	14	35.00-49.99			6	2
20.00-24.99			13	8					

BASSWOOD

3.00-3.99	7	6			15.00-19.99			45	37
4.00-4.99	20	15	1	(1)	20.00-24.99			20	13
5.00-7.49	13	11	1	20	25.00-29.99			7	21
7.50-9.99	27	14	9	3	35.00-49.99			1	2
10.00-14.99	33	54	16	4					

CHESTNUT

1.00-1.99	9	9			5.00-7.49	19	20	12	13
2.00-2.99	38	57			7.50-9.99		(1)	38	74
3.00-3.99	5	2			10.00-14.99			25	9
4.00-4.99	24	12			15.00-19.99			25	4

BEECH

1.00-1.99	5	4			7.50-9.99	13	3	17	10
2.00-2.99	18	24			10.00-14.99	3	1	48	41
3.00-3.99	16	41			15.00-19.99			21	35
4.00-4.99	13	9	2	(1)	20.00-24.99			0	2
5.00-7.49	32	18	8	2					

See footnotes at end of table.

TABLE 32.—Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1932—Contd.

MAGNOLIA

Price-range class	Stumpage		Logs		Price-range class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Percent	Percent	Percent	Percent	Dollars	Percent	Percent	Percent	Percent
2.00-2.99	50	82			10.00-14.99				58
3.00-3.99	50	18			15.00-19.99			37	18
7.50-9.99			36	24					

INDIVIDUAL HARDWOODS

0.00	(1)	(1)			15.00-19.99	3	3	23	30
1.00-1.99	4	2			20.00-24.99	2	(1)	9	10
2.00-2.99	13	33	(1)	(1)	25.00-29.99	1	(1)	4	3
3.00-3.99	13	12	(1)	(1)	30.00-34.99	1	(1)	3	3
4.00-4.99	11	8	1	(1)	35.00-49.99	(1)	(1)	3	2
5.00-7.49	25	30	6	5	50.00-99.99	1	(1)	2	2
7.50-9.99	11	8	12	8	100+			1	(1)
10.00-14.99	15	6	36	37					

FLAT-RATE HARDWOODS

1.00-1.99	6	1	2	(1)	10.00-14.99	9	1	35	16
2.00-2.99	14	3	2	(1)	15.00-19.99	2	(1)	35	58
3.00-3.99	20	5			20.00-24.99			10	9
4.00-4.99	24	71			25.00-29.99			5	8
5.00-7.49	17	11	3	2	30.00-34.99			3	6
7.50-9.99	8	3	5	1					

TOTAL HARDWOODS

0.00	(1)	(1)			15.00-19.99	3	7	24	34
1.00-1.99	4	1	(1)	(1)	20.00-24.99	2	(1)	9	10
2.00-2.99	13	17	(1)	(1)	25.00-29.99	1	(1)	4	4
3.00-3.99	14	7	(1)	(1)	30.00-34.99	1	(1)	3	3
4.00-4.99	12	49	1	(1)	35.00-49.99	(1)	(1)	3	1
5.00-7.49	24	18	6	5	50.00-99.99	1	(1)	2	2
7.50-9.99	11	4	12	8	100+			1	(1)
10.00-14.99	14	3	35	33					

FLAT-RATE MIXED SOFTWOODS AND HARDWOODS

0.00	4	5			5.00-7.49	13	6	7	2
1.00-1.99	20	15			7.50-9.99	4	0	21	25
2.00-2.99	31	41			10.00-14.99			29	17
3.00-3.99	18	20			15.00-19.99			39	52
4.00-4.99	10	6			35.00-49.99			4	4

ALL SALES

0.00	6	9			15.00-19.99	1	(1)	16	7
1.00-1.99	22	23	(1)	(1)	20.00-24.99	(1)	(1)	5	2
2.00-2.99	24	24	(1)	(1)	25.00-29.99	(1)	(1)	2	1
3.00-3.99	14	21	1	(1)	30.00-34.99	(1)	(1)	2	1
4.00-4.99	8	13	2	2	35.00-49.99	(1)	(1)	2	(1)
5.00-7.49	14	6	16	16	50.00-99.99	(1)	(1)	1	(1)
7.50-9.99	5	4	21	46	100+			(1)	(1)
10.00-14.99	6	(1)	32	25					

1 Less than 0.50 percent.

2 Species not reported.

TABLE 33.—Volume and percentage distribution of stumpage sales, by class¹ of timber cut and species, 1932

INDIVIDUAL SOFTWOODS

Species	Virgin timber		Second growth		Mixed growth		Total	
	M feet b. m.	Per- cent	M feet b. m.	Per- cent (²)	M feet b. m.	Per- cent	M feet b. m.	Per- cent
Ponderosa pine.....	302,691	100	1,170				303,861	100
Western white pine.....	8,459	92	763	8			9,222	100
Lodgepole pine.....	775	97	28	3			803	100
Sugar pine.....	5,982	100					5,982	100
Norway pine.....			206	100			206	100
Jack pine.....			370	100			370	100
Northern white pine.....	995	4	19,513	98			20,508	100
Pitch pine.....			470	100			470	100
Longleaf pine.....	71,346	78	10,257	18	3,531	4	85,134	100
Shortleaf pine.....	25,161	18	112,007	80	8,376	2	145,544	100
Southern yellow pine.....	3,355	14	6,454	28	13,480	58	23,289	100
Western larch.....	4,076	99	38	1			4,114	100
Tamarack.....	36	86	6	14			42	100
Engelmann spruce.....	193	100					193	100
Sitka spruce.....	0,721	91	920	9			1,641	100
Eastern spruce.....	2,869	71	1,172	20			4,041	100
Eastern hemlock.....	2,517	47	2,746	52	50	1	5,313	100
Western hemlock.....	59,057	96	2,375	4			61,432	100
Douglas fir.....	319,402	83	36,970	9	20,503	8	376,875	100
White fir.....	2,214	43	2,803	57			5,017	100
Balsam fir.....	25	10	223	90			248	100
Cypress.....	5,118	66	364	5	2,260	29	7,742	100
Redwood.....	35,345	100					35,345	100
Incense cedar.....	4,588	98	110	2			4,698	100
Western red cedar.....	33,158	99	410	1	10	(³)	33,678	100
Northern white cedar.....	201	43	267	57			468	100
Port Orford cedar.....	260	100					260	100
Eastern red cedar.....	75	38	120	62			195	100
Total.....	988,663	79	265,874	17	52,210	4	1,246,747	100

INDIVIDUAL HARDWOODS

Oak ¹	4,487	48	4,760	50	190	2	9,443	100
Red oak.....	1,029	42	2,677	58			4,600	100
White oak.....	1,713	50	1,325	39	370	11	3,408	100
Soft maple.....	365	96	15	4			380	100
Hard maple.....	790	99	6	1			796	100
Maple ²	5,742	72	2,033	26	180	2	7,955	100
Elm ³	220	19	947	81			1,167	100
Ash.....	172	40	173	41	81	19	426	100
Black walnut.....	74	51	70	46	2	1	146	100
Red gum.....	11,080	96	475	4		1	11,564	100
Tupelo gum.....	2,500	99	82	1			2,582	100
Black gum.....	5,810	100	28	(⁴)			5,838	100
Sycamore.....			105	84	20	16	125	100
Aspen.....	163	45	200	55			363	100
Cottonwood.....					70	100	70	100
Yellow poplar.....	155	19	667	81			822	100
Birch ⁵	2,190	93	140	6	20	1	2,350	100
Hickory.....	78	38	129	62			207	100
Cherry.....	5	100					5	100
Basswood.....	71	22	180	59	60	19	320	100
Chestnut.....	376	42	508	56	20	2	904	100
Beech.....	2,270	64	1,030	29	270	7	3,570	100
Magnolia.....	201	100					201	100
Total.....	40,400	71	15,515	27	1,253	2	57,188	100

FLAT-RATE SALES

Flat-rate softwoods.....	340,467	98	2,367	1	4,181	1	356,015	100
Flat-rate hardwoods.....	91,864	90	8,169	8	1,821	2	101,854	100
Flat-rate mixed.....	28,623	34	25,622	30	30,072	36	84,317	100
Total.....	460,954	87	36,158	7	36,074	6	542,186	100

¹ The timber has been classified as reported by cooperators. In some instances species such as aspen and jack pine, although they are second growth in the strict sense of the word, have been reported as virgin because the stands have not been logged. In the far West small virgin timber is commonly called "second growth" and has been so reported.

² Less than 0.5 percent.

³ Species not reported.

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USDA STATISTICAL BULLETINS

UPDATA

STUMPAGE AND LOG PRICES FOR THE CALENDAR YEARS 1931 AND 1932

STEER, H. B. COMP.

2 OF 2

TABLE 33.—Volume and percentage distribution of stumpage sales, by class of timber cut and species, 1932—Continued

SUMMARY BY TYPE OF SALE

Species	Virgin timber		Second growth		Mixed growth		Total	
	M feet b.m.	Per- cent	M feet b.m.	Per- cent	M feet b.m.	Per- cent	<i>M feet b.m.</i>	<i>Per- cent</i>
Individual softwoods.....	988,663	79	205,874	17	52,210	4	1,246,747	100
Individual hardwoods.....	46,400	71	15,515	27	1,253	2	57,168	100
Flat-rate softwoods.....	349,467	95	2,367	1	4,181	1	356,015	100
Flat-rate hardwoods.....	91,864	00	8,169	5	1,821	2	101,854	100
Flat-rate mixed.....	28,623	34	25,622	30	30,072	30	84,317	100
Total.....	1,493,017	81	257,547	14	89,537	5	1,846,101	100

TABLE 34.—Volume and percentage of log sales by type or product and species, 1932

INDIVIDUAL SOFTWOODS

Species and type of sale	Box shook		Lumber		Ties		Staves or heading		Fuel wood		Pulpwood		Veneer		Poles and posts		Miscellaneous		Total							
	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent	M ft. b.m.	Per cent						
Ponderosa pine	9,198	11	157,963	89														177,161	100							
Western white pine			6,651	56														5,240	44	11,000	100					
Lodgepole pine			310	100															310	100						
Sugar pine	200	100																	200	100						
Norway pine			515	85															699	100						
Jack pine	550	61	351	39															904	100						
Northern white pine	2,448	12	8,712	42															9,507	46	20,675	100				
Pitch pine							121	100												121	100					
Longleaf pine			7,830	88															874	10	8,882	100				
Shortleaf pine			100,238	99	1,070	1													178	2	101,398	100				
Southern yellow pine ¹	88	(1)	19,456	100															90	(1)	19,544	100				
Western larch			1,225	59	829	41															2,054	100				
Tamarack			79	100																	79	100				
Engelmann spruce			29	4							500	96									520	100				
Sitka spruce			23,181	18			14,719	11			22,967	18	44,506	31							24,462	10	129,838	100		
Eastern spruce	150	6	2,329	77							525	18	6	(1)							3,010	100				
Eastern hemlock			4,771	63							2,635	35									7,553	100				
Western hemlock	7,325	3	115,513	49	57	1					2,635	35									90	1	286,550	100		
Douglas fir			909,082	93	1,675	(1)	22,307	(1)	3	1,756	(1)	101,557	56	1,598	1						10	(1)	972,946	100		
White fir			631	7							150	1	35,165	4							2,805	(1)	9,145	100		
Balsam fir			651	7							8,394	91	150	2									5,141	100		
Cypress			17,222	89							4,787	93											17,915	100		
Redwood			140	100																			140	100		
Incense cedar			212	15																			1,408	100		
Western red cedar			324,771	83																			124,258	83	149,029	100
Northern white cedar			203	49	125	30																	86	21	414	100
Port Orford cedar			20,024	100																			76	(1)	20,100	100
Eastern red cedar			292	98																				298	100	
Total	29,959		21,422,581	73	3,786	(1)	37,670	2	1,756	(1)	201,515	10	82,307	4	100	(1)	168,197	9	1,947,874	100						

¹ Less than 0.5 percent.

² Species not reported.

³ Manufactured into lumber and shingles.

⁴ Shingle logs.

TABLE 34.—Volume and percentage of log sales by type or product and species, 1932—Continued

INDIVIDUAL HARDWOODS

Species and type of sale	Box shook		Lumber		Ties		Staves or heading		Fuel wood		Pulpwood		Veneer		Poles and posts		Miscellaneous		Total			
	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent	M ft. b.m.	Per-cent		
Oak 1			17,011	91															18,614	100		
Willow	282	100																	282	100		
Red oak			9,515	98	174	2							31	(1)					9,720	100		
White oak			7,586	98	27	(1)							80	1			47	1	7,746	100		
Soft maple			122	58									14	7			75	35	211	100		
Hard maple			2,360	81									56	1			645	18	3,661	100		
Maple 2	70	(1)	10,685	61	159	1	39	(1)					990	6			5,687	32	17,639	100		
Elm 2	60	3	1,030	57			493	27					131	8			85	5	1,802	100		
Rock elm			113	53									100	47					213	100		
Ash	24	1	2,047	72									103	4			653	23	2,827	100		
Black walnut			2,787	87									433	13			1	(1)	3,221	100		
Butternut			8	80									2	20					10	100		
Red gum			15,915	56			512	2					11,708	41			385	1	28,520	100		
Tupelo gum			8,765	85									1,001	15					10,366	100		
Black gum			1,139	69									750	40					1,889	100		
Sycamore			183	97														5	3	188	100	
Locust			1	1	2	3												70	96	73	100	
Aspen	265	73	98	27															363	100		
Cottonwood	2,542	33	4,418	59							369	5	310	4			173	2	7,842	100		
Yellow poplar	33	(1)	4,085	60									2,696	40			20	(1)	6,834	100		
Birch 1			4,097	56	65	1							2,603	37					411	6	7,086	100
Alder			1,331	36													2,324	64	3,655	100		
Pecan			59	100															59	100		
Hickory			170	29														416	71	586	100	
Cherry			75	94														5	6	80	100	
Basswood	15	1	2,344	83									433	15					31	1	2,823	100
Chestnut			459	97															12	3	471	100
Beech			1,618	33	374	8							20	(1)					2,886	59	4,898	100
Magnolia			466	160															1	(1)	467	100
Total	3,291	2	98,088	70	1,076	1	1,044	1			369	(1)	22,206	16	2	(1)	15,161	10	142,137	100		

FLAT RATE SALES

Flat rate softwoods.....	175	(1)	68,698	100													68,873	100	
Flat rate hardwoods.....	480	2	22,742	84	777	3						456	1			2,629	10	27,090	100
Flat rate mixed.....	2,478	10	22,489	90														24,967	100
Total.....	3,139	3	113,920	94	777	1						456	(1)			2,629	2	120,930	100

SUMMARY BY TYPE OF SALE

Individual softwoods.....	29,959	82	1,422,584	87	3,786	67	37,670	97	1,756	100	201,515	100	82,307	70	100	98	168,107	91	1,947,874	88
Individual hardwoods.....	3,291	9	98,988	6	1,076	19	1,044	3			369	(1)	22,200	21	2	2	15,161	8	142,137	7
Flat rate softwoods.....	175	(1)	68,698	4															68,873	3
Flat rate hardwoods.....	486	2	22,742	2	777	14							456	(1)			2,629	1	27,090	1
Flat rate mixed.....	2,478	1	22,489	1															24,967	1
Total.....	36,389	2	1,635,501	74	5,630	(1)	38,714	2	1,756	(1)	201,884	9	104,060	5	102	(1)	185,987	8	2,210,941	100

1 Less than 0.5 percent..

2 Species not reported.

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TABLE 35.—*Stumpage sales in Washington, by regions, species, and type of sale, 1932*

REGION 1—EASTERN WASHINGTON

Type of sale and species	Transac- tions	Quantity	Value	Average price per thousand	Price range
<i>Individual softwoods:</i>	<i>Number</i>	<i>M ft. b. m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	35	31,558	67,982	2.15	0.27- 8.00
Western white pine.....	1	300	4,200	14.00	
Western larch.....	5	718	609	.84	.60- 1.25
Douglas fir.....	16	7,091	6,504	.96	.25- 1.50
Western red cedar.....	1	50	50	1.00	
Total, average, or spread.....	58	39,717	70,642	2.01	.25-14.00
Flat-rate softwoods.....	8	15,005	27,250	1.82	.44- 2.41
Regional total, average, or spread.....	66	54,722	100,901	1.95	.25-14.00

REGION 2—WESTERN WASHINGTON

<i>Individual softwoods:</i>					
Western white pine.....	1	22	77	3.50	
Sitka spruce.....	8	7,354	20,067	2.72	0.29- 4.00
Western hemlock.....	11	60,899	64,469	1.06	.11- 2.00
Douglas fir.....	66	221,658	664,152	2.96	.25- 4.00
White fir.....	2	3,735	1,621	.43	.11- 1.00
Western red cedar.....	23	32,520	108,886	3.35	.17- 4.00
Total, average, or spread.....	111	328,618	839,272	2.61	.11- 4.00
Flat-rate softwoods.....	13	230,449	580,623	2.52	.14- 3.00
All softwoods.....	124	559,067	1,439,295	2.57	.11- 4.00
Individual hardwoods.....	2	125	740	5.92	2.71-10.00
Flat-rate mixed.....	2	2,174	2,907	1.34	.50- 2.02
Regional total, average, or spread.....	128	561,366	1,442,945	2.57	.11-10.00

STATE TOTAL

<i>Individual softwoods:</i>					
Ponderosa pine.....	35	31,558	67,982	2.15	0.27- 8.00
Western white pine.....	2	322	4,377	13.28	3.50-14.00
Western larch.....	5	718	609	.84	.60- 1.25
Sitka spruce.....	8	7,354	20,067	2.72	.29- 4.00
Western hemlock.....	11	60,899	64,469	1.06	.11- 2.00
Douglas fir.....	82	231,149	670,956	2.90	.25- 4.00
White fir.....	2	3,735	1,621	.43	.11- 1.00
Western red cedar.....	24	32,570	108,936	3.34	.17- 4.00
Total, average, or spread.....	169	368,335	938,914	2.58	.11-14.00
Flat-rate softwoods.....	21	245,454	607,255	2.47	.14- 3.00
All softwoods.....	190	613,789	1,546,169	2.62	.11-14.00
Individual hardwoods.....	2	125	740	5.92	2.71-10.00
Flat-rate mixed.....	2	2,174	2,907	1.34	.50- 2.02
State total, average, or spread.....	194	616,088	1,549,846	2.52	.11-14.00

* Oak and cottonwood.

TABLE 36.—Log sales in Washington, by regions, species, and type of sale, 1932

REGION 1—PUGET SOUND

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	Mt. ft. b.m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western white pine.....	1	1	12	11.50	
Sitka spruce.....	26	59,470	668,802	11.25	0.00-14.05
Western hemlock.....	35	147,015	1,222,318	8.31	5.00-12.00
Douglas fir.....	106	505,221	5,120,705	10.14	2.75-20.41
Western red cedar.....	75	102,873	1,023,873	9.95	3.50-14.00
Total, average, or spread.....	243	814,010	\$,035,830	0.89	2.75-20.41
Flat-rate softwoods.....	7	17,270	122,610	7.10	4.75-11.00
All softwoods.....	250	831,880	8,158,440	9.81	2.75-20.41
Individual hardwoods:					
Oak.....	2	43	1,720	40.00	
Maple.....	7	1,370	10,178	11.81	9.00-13.00
Ash.....	1	50	800	10.00	
Cottonwood.....	3	488	4,194	8.59	7.50-9.00
Birch.....	2	62	960	15.48	15.00-30.00
Alder.....	17	3,059	30,589	10.00	8.00-11.65
Total, average, or spread.....	32	5,072	54,441	10.73	7.50-10.00
Regional total, average, or spread.....	282	836,952	\$,212,871	0.81	2.75-10.00

REGION 2—EASTERN WASHINGTON

Individual softwoods:					
Ponderosa pine.....	37	53,730	495,658	9.22	4.50-14.50
Western white pine.....	6	5,545	79,838	14.40	11.75-15.25
Western larch.....	4	317	2,210	0.97	6.00-7.50
Engelmann spruce.....	1	500	6,625	13.25	
Douglas fir.....	0	972	5,968	0.14	3.50-8.50
White fir.....	4	1,688	12,193	7.22	5.00-12.25
Western red cedar.....	0	320	1,670	5.22	5.00-5.50
Regional total, average, or spread.....	67	63,078	604,162	9.58	3.50-15.25

REGIONS 3 AND 4—GRAYS HARBOR AND WILLAPA HARBOR

Individual softwoods:					
Sitka spruce.....	0	31,183	343,849	11.03	5.87-20.29
Western hemlock.....	5	35,483	237,297	6.69	6.00-8.74
Douglas fir.....	12	97,189	960,439	9.81	6.00-20.29
Western red cedar.....	0	18,271	142,800	7.82	7.00-8.39
Total, average, or spread.....	32	182,120	1,000,454	9.28	5.87-20.29
Flat-rate softwoods.....	2	30,896	347,200	8.70	7.14-9.05
Regional total, average, or spread.....	34	222,016	2,037,653	9.18	5.87-20.29

REGION 5—COLUMBIA RIVER

Individual softwoods:					
Ponderosa pine.....	1	1,000	7,000	7.00	
Sitka spruce.....	4	296	2,009	6.79	5.00-7.00
Western hemlock.....	13	10,108	108,035	6.73	1.26-7.00
Douglas fir.....	19	33,440	194,471	5.82	4.00-10.00
White fir.....	4	1,851	11,059	5.90	1.26-6.50
Western red cedar.....	34	10,574	155,928	0.41	6.00-12.50
Total, average, or spread.....	75	69,389	479,430	6.01	1.26-12.50
Individual hardwoods (alder).....	1	10	70	7.00	
Regional average, total, or spread.....	76	69,399	479,500	6.91	1.26-12.60

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TABLE 36.—Log sales in Washington, by regions, species, and type of sale, 1932—Continued

STATE TOTALS

Type of sale and species	Transac-tions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Ponderosa pine.....	38	54,736	502,833	9.13	4.50-14.50
Western white pine.....	7	5,546	75,830	14.40	11.50-16.25
Western larch.....	4	317	2,210	6.97	6.00- 7.50
Engelmann spruce.....	1	500	4,625	13.25	-----
Sitka spruce.....	39	96,049	1,014,750	11.16	5.00-20.20
Western hemlock.....	73	193,720	1,538,580	7.89	1.26-12.00
Douglas fir.....	146	636,916	6,287,583	9.87	2.75-20.41
White fir.....	8	3,569	23,282	6.52	1.20-12.25
Western red cedar.....	121	133,038	1,324,333	9.95	3.50-14.00
Total, average, or spread.....	417	1,129,197	10,809,876	9.57	1.20-20.41
Flat-rate softwoods.....	9	57,166	469,509	8.22	4.75-11.60
All softwoods.....	426	1,186,363	11,279,385	9.51	1.26-20.41
Individual hardwoods:					
Oak.....	2	43	1,720	40.00	-----
Maple.....	7	1,370	16,178	11.81	9.00-13.00
Ash.....	1	50	500	16.00	-----
Cottonwood.....	3	488	4,191	8.59	7.50- 9.00
Birch.....	2	62	960	15.48	15.00-30.00
Alder.....	18	3,069	30,659	9.99	7.00-11.65
Total, average, or spread.....	33	5,082	54,511	10.73	7.00-40.00
State total, average, or spread.....	459	1,191,445	11,334,196	9.51	1.26-40.00

TABLE 37.—Stumpage sales in Oregon, by regions, species, and type of sale, 1932

REGION 1—EASTERN OREGON

Type of sale and species	Transac-tions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Ponderosa pine.....	10	133,284	261,168	1.66	0.50-4.08
Western larch.....	1	13	7	.50	-----
Douglas fir.....	4	12,149	6,155	.51	.50-1.50
Total, average, or spread.....	24	145,446	267,330	1.84	.50-4.08
Flat-rate softwoods.....	2	3,300	6,600	2.00	-----
Regional total, average, or spread.....	26	148,746	273,930	1.84	.50-4.08

REGION 2—WESTERN OREGON

Individual softwoods:					
Ponderosa pine.....	2	270	330	1.22	1.00-1.50
Sugar pine.....	2	235	565	2.36	1.00-3.00
Sitka spruce.....	0	1,263	1,454	1.15	.80-1.40
Western hemlock.....	2	1,133	1,067	.94	.50-1.00
Douglas fir.....	82	135,401	105,880	1.23	.50-4.00
White fir.....	3	890	880	.80	.75-1.25
Incense cedar.....	1	356	175	.50	-----
Western red cedar.....	6	931	889	.95	.50-2.00
Port Orford cedar.....	2	260	1,280	4.92	4.00-8.00
Total, average, or spread.....	106	140,833	172,610	1.22	.50-8.00
Flat-rate softwoods.....	14	47,397	84,092	1.77	.80-2.02
All softwoods.....	120	188,230	256,702	1.36	.50-8.00
Individual hardwoods (maple).....	1	59	145	2.50	-----
Regional total, average, or spread.....	121	188,289	256,750	1.36	.50-8.00

TABLE 37.—*Stumpage sales in Oregon, by regions, species, and type of sale, 1932—Continued*

REGION 3—KLAMATH

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
<i>Individual softwoods:</i>	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	51	89,890	108,955	2.21	1.00-4.00
Sugar pine.....	2	670	1,755	2.62	1.50-3.00
Douglas fir.....	4	1,515	1,408	.93	.50-1.25
Western red cedar.....	1	10	10	1.00	.....
Total, average, or spread.....	58	92,021	202,129	2.19	.50-4.00
<i>Flat-rate softwoods.....</i>	<i>1</i>	<i>30</i>	<i>30</i>	<i>1.00</i>	<i>.....</i>
Regional total, average, or spread.....	59	92,121	202,159	2.19	.50-4.00

STATE TOTAL

<i>Individual softwoods:</i>					
Ponderosa pine.....	72	223,460	460,453	2.06	0.50-4.95
Sugar pine.....	4	905	2,310	2.55	1.00-3.00
Western larch.....	1	13	7	.50	.....
Sitka spruce.....	6	1,263	1,454	1.15	.80-1.50
Western hemlock.....	2	1,133	1,067	.94	.50-1.00
Douglas fir.....	90	149,095	173,444	1.16	.60-1.00
White fir.....	3	990	880	.89	.75-1.25
Incense cedar.....	1	350	175	.50	.....
Western red cedar.....	7	941	899	.96	.60-2.00
Port Orford cedar.....	2	260	1,280	4.92	4.00-8.00
Total, average, or spread.....	188	378,370	641,909	1.70	.60-8.00
<i>Flat-rate softwoods.....</i>	<i>17</i>	<i>50,727</i>	<i>90,722</i>	<i>1.79</i>	<i>.30-2.50</i>
All softwoods.....	205	429,097	732,631	1.71	.30-8.00
<i>Individual hardwoods (maple).....</i>	<i>1</i>	<i>59</i>	<i>148</i>	<i>2.50</i>	<i>.....</i>
State total, average, or spread.....	206	429,156	732,839	1.71	.30-8.00

TABLE 38.—*Log sales in Oregon, by regions, species, and type of sale, 1932*

REGION 1—EASTERN OREGON

Species	Transactions	Quantity	Value	Average price per thousand	Price range
<i>Individual softwoods:</i>	<i>Number</i>	<i>M ft. b.m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ponderosa pine.....	19	11,491	88,031	7.72	5.00-10.00
Western larch.....	1	25	175	7.00	.....
Douglas fir.....	2	81	520	6.42	6.00-7.00
White fir.....	2	194	1,260	12.40	12.00-15.00
Regional total, average, or spread.....	24	11,971	90,019	7.55	5.00-15.00

REGION 2—WESTERN OREGON

<i>Individual softwoods:</i>					
Sugar pine.....	1	290	1,600	8.00	.....
Sitka spruce.....	14	18,969	172,511	9.09	5.50-14.50
Western hemlock.....	27	74,013	566,329	7.65	4.50-9.65
Douglas fir.....	37	63,151	378,853	6.00	2.00-10.00
White fir.....	2	4,139	30,833	7.45	7.15-7.68
Incense cedar.....	2	225	1,294	5.75	5.25-6.00
Western red cedar.....	8	7,769	60,294	7.77	7.00-10.00
Port Orford cedar.....	11	20,055	618,819	30.81	8.00-10.00
Total, average, or spread.....	102	188,542	1,830,640	9.71	2.00-10.00
<i>Flat-rate softwoods.....</i>	<i>3</i>	<i>7,790</i>	<i>49,152</i>	<i>6.31</i>	<i>6.00-6.33</i>
All softwoods.....	105	196,332	1,879,692	9.57	2.00-10.00
<i>Individual hardwoods:</i>					
Oak.....	1	14	280	20.00	.....
Maple.....	1	40	480	12.00	.....
Cottonwood.....	1	35	175	5.00	.....
Alder.....	2	400	3,010	7.50	7.00-8.00
Total, average, or spread.....	5	489	3,975	8.13	5.00-20.00
Regional total, average, or spread.....	110	196,821	1,883,667	9.47	2.00-10.00

TABLE 38.—Log sales in Oregon, by regions, species, and type of sale, 1932—Con.

REGION 3—COLUMBIA RIVER

Species	Transac- tions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b.m.	Dollars	Dollars	Dollars
Individual softwoods:					
Sitka spruce.....	0	15,031	184,247	12.26	7.40-22.75
Western hemlock.....	18	13,784	94,980	6.89	4.00-9.00
Douglas fir.....	70	264,000	2,449,607	9.25	3.50-24.00
White fir.....	6	1,310	4,337	3.34	2.00-10.00
Incense cedar.....	1	974	7,768	8.09	.....
Western red cedar.....	18	2,748	25,240	9.18	6.60-11.00
Total, average, or spread.....	128	298,763	2,766,370	9.26	2.00-24.00
Individual hardwoods:					
Maple.....	2	1,180	16,806	14.21	12.00-75.00
Ash.....	1	13	158	12.00	.....
Cottonwood.....	0	1,417	8,146	5.75	4.00-13.00
Alder.....	1	186	2,232	12.00	.....
Total, average, or spread.....	10	2,796	27,340	9.75	4.50-75.00
Regional total, average, or spread.....	138	301,559	2,793,710	9.26	2.00-75.00

REGION 4—KLAMATH

Individual softwoods:					
Ponderosa pine.....	25	41,407	403,715	9.74	6.00-12.00
Douglas fir.....	2	813	5,166	6.35	3.50-7.00
Incense cedar.....	1	103	821	8.00	.....
Port Orford cedar.....	1	15	75	5.00	.....
Regional total, average, or spread.....	29	42,498	409,580	9.61	3.50-12.00

STATE TOTAL

Individual softwoods:					
Ponderosa pine.....	41	52,865	491,710	9.30	5.00-12.00
Sugar pine.....	1	200	1,600	8.00	.....
Western larch.....	1	25	173	7.00	.....
Sitka spruce.....	23	24,000	356,758	10.49	5.50-22.75
Western hemlock.....	45	87,797	661,300	7.53	4.00-9.65
Douglas fir.....	117	329,918	2,831,146	8.61	2.00-24.01
White fir.....	10	5,562	36,650	6.52	2.00-15.00
Incense cedar.....	4	1,299	9,880	7.61	5.25-8.00
Western red cedar.....	26	10,508	85,534	8.14	6.50-11.00
Port Orford cedar.....	12	20,100	618,894	30.79	5.00-10.00
Total, average, or spread.....	284	541,467	5,096,708	9.41	2.00-40.00
Flat-rate softwoods.....	3	7,790	49,152	6.31	6.00-6.33
All softwoods.....	286	549,197	5,145,860	9.37	2.00-40.00
Individual hardwoods:					
Oak.....	1	14	280	20.00	.....
Maple.....	3	1,220	17,286	14.17	12.00-75.00
Ash.....	1	13	156	12.00	.....
Cottonwood.....	7	1,452	8,321	5.73	4.00-13.00
Alder.....	3	586	5,272	9.00	7.00-12.00
Total, average, or spread.....	15	3,285	31,315	9.53	4.50-75.00
State total, average, or spread.....	301	552,482	5,177,175	9.37	2.00-75.00



END

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