

UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL BULLETIN No. 37

Washington, D. C.



JANUARY, 1932

STUMPPAGE AND LOG PRICES  
FOR THE CALENDAR YEAR 1930

Compiled by

HENRY B. STEER

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





UNITED STATES DEPARTMENT OF AGRICULTURE  
STATISTICAL BULLETIN NO. 37

WASHINGTON, D. C.



JANUARY, 1932

STUMPPAGE AND LOG PRICES FOR  
THE CALENDAR YEAR 1930

Compiled by HENRY B. STEER, *Senior Forest Economist, Division of Forest Economics, Branch of Research, Forest Service*

CONTENTS

Page		Page	
Introduction.....			
Table 1.—Total stumpage and log sales reported, by species and type of sale.....	1	Table 11.—Prices of logs; softwoods, hardwoods, and mixed, by States and type of sale.....	31
Table 2.—Total stumpage and log sales reported, by States.....	8	Table 12.—Stumpage and log prices, by regions, species, and type of sale.....	33
Table 3.—Prices of softwood stumpage and logs, individual sales, by species and States.....	10	Table 13.—Stumpage and log prices, by species, type of sale, and price-range classes.....	38
Table 4.—Prices of softwood stumpage and logs, flat-rate sales, by States.....	10	Table 14.—Stumpage sales by species, type of sale, and class of timber.....	47
Table 5.—Prices of softwood stumpage and logs, all sales, by States.....	17	Table 15.—Log sales, by species, type of sale, and product.....	49
Table 6.—Prices of hardwood stumpage and logs, individual sales, by species and States.....	17	Appendix:	
Table 7.—Prices of hardwood stumpage and logs, flat-rate sales, by States.....	18	Regional stumpage and log prices in Washington and Oregon, 1930.....	52
Table 8.—Prices of hardwood stumpage and logs, all sales, by States.....	28	Table 16.—Stumpage sales in Washington, by regions, species, and type of sale.....	54
Table 9.—Prices of mixed hardwood and softwood stumpage and logs, flat-rate sales, by States.....	29	Table 17.—Log sales in Washington, by regions, species, and type of sale.....	55
Table 10.—Prices of stumpage; softwoods, hardwoods, and mixed, by States and type of sale.....	30	Table 18.—Stumpage sales in Oregon, by regions, species, and type of sale.....	57
		Table 19.—Log sales in Oregon, by regions, species, and type of sale.....	58

INTRODUCTION

The determination of the value of timber as evidenced by sales of standing timber and logs is one of the most essential factors in the calculation of returns from forest properties, and is of especial interest during periods of general economic depression. Although many of the benefits of forests to the greatest number of people can not be accurately measured in dollars and cents, yet, in the last analysis, forestry as a private business enterprise must show sufficient monetary returns to justify the expenditures. Data on stumpage and log prices compiled for a number of years and correlated with pertinent economic conditions, may well establish price trends that will be of great benefit in showing to timber growers actual and possible returns which they may count on. Through the cooperation of the Bureau of the Census

of the Department of Commerce, the division of forest economics 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 the annual record is in itself of interest and value to alert timber owners.

The record for the calendar year 1930, following those for 1928 and 1929, already published as Statistical Bulletins 32 and 36, was compiled from compilations on private stumpage and log transactions obtained from a large number of representative reports. Although it is unavoidably fragmentary for some States and species, the fact that it is based on 4,670 sales of stumpage, involving over 7,250,000,000 feet of timber in 44 States, and 5,647 sales of logs involving more than 7,600,000,000 feet of timber in 39 States,<sup>1</sup> gives the resultant tabulations a considerable stability.

Stumpage and log prices, as used in this bulletin, 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; that is, their relative importance in species, State, or regional averages is determined by the quantity.

So many different factors are involved in the determination of stumpage and log prices that the values given are indicative only and can not 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, 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. Of the factors influencing the selling price of standing timber and logs, competition between purchasers and the knowledge of values on the part of both purchaser and seller exert a very great influence.

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 two or

<sup>1</sup> No reports of sales of logs were received from Arizona, Colorado, Nevada, New Mexico, and Wyoming; and no reports of sales of stumpage or logs were received from Nebraska, North Dakota, South Dakota, or Utah.

more species were grouped together and sold for a lump sum or at a uniform rate or where one 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.

It is interesting to note that 38 per cent by volume of the stumppage transactions and 8 per cent by volume of the log transactions were flat-rate sales. (Table 1.) In the case of both hardwoods and softwoods, much higher prices were paid for all kinds of timber and logs when these were sold individually. The difference between the 38 per cent of flat-rate stumppage sales and the 8 per cent of flat-rate log sales 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 stumppage market and sales of stumppage for a lump sum are much more common than similar sales of logs.

While it is probably true that more of the higher grade stumppage 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 stumppage 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.

According to Table 1, 87 per cent of the standing timber reported sold in 1930 was softwoods; 6 per cent was hardwoods; and the remainder was mixed hardwoods and softwoods sold in flat-rate sales. Approximately 44 per cent of the softwoods was Douglas fir; 13 per cent was western yellow pine; 11 per cent was shortleaf pine;<sup>2</sup> and the remainder was distributed among the various species, with western hemlock, sugar pine, and western red cedar each comprising a relatively large proportion. While these data can not be considered as giving the total stumppage sales in 1930, they undoubtedly give a representative cross section of the timber sold in that year, and it is reasonable to assume that the greater part of the volume sold would

<sup>2</sup> Individual sales of shortleaf pine only. Does not include sales of southern yellow pine where the species could not be accurately determined.

be virgin timber. Similarly 90 per cent of the log sales reported involved softwoods, about 8 per cent involved hardwoods, and the remainder were flat-rate sales of hardwoods and softwoods combined.

Table 2 gives the amount of all stumpage and logs sold as reported by States, with the percentage of the total for each State for 1929 and 1930. In 1929 sales involving nearly 16,000,000,000 feet of stumpage and more than 8,500,000,000 feet of logs were reported. In 1930 similar reports involved about 7,250,000,000 feet of stumpage and 7,600,000,000 feet of logs, although the number of reports of both stumpage and log transactions had increased. The greatest volume of stumpage sold in 1930 was in virgin stands on the Pacific coast. California, Oregon, and Washington reported a total of 72.46 per cent of all stumpage sold in 1930, as against 76.84 per cent in 1929, considerable changes in percentages being evident in Oregon and California. Among other States the shift in proportionate amounts between the two years was generally small. As evidenced by the reports received, stumpage transactions, especially during the latter part of 1930, were conducted, generally speaking, on a hand-to-mouth basis. Particularly in the East and South operators appeared to be buying standing timber for immediate exploitation only. The average stumpage sale in 1929 was of about 3,700,000 feet. In 1930 the average was about 1,500,000 feet. Uncertainty as to the future conditions, as well as the unsatisfactory current condition of the market for wood products, were probably the most important reasons why the quantity of standing timber sold for future exploitation in 1930 was relatively small. Similarly the volume of log sales was reduced in 1930 as compared to 1929, the reports received showing that the greater part of the reduction occurred during the last six months of the calendar year.

Tables 3 to 11, 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 1930 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 western yellow pine stumpage, largely from virgin stands, was bringing an average of \$3.34 per thousand feet in the far West, northern white pine stumpage, largely from second-growth stands, was bringing an average of \$8.30 per thousand feet in the Lake States and Northeast. A few sales of redwood showed an average price of \$2.51 a thousand feet and of cypress \$6.49. The average stumpage price per thousand feet of all standing timber reported sold in 1930, in the most important timber-producing regions (fig. 1 and Table 12), was as follows: Northeastern, \$7.29; North Atlantic, \$6.06; Lake, \$5.27; Central, \$6.49; North Carolina pine, \$4.85; southern pine, \$4.30; Pacific Northwest, \$2.61; Pacific south, \$2.77; Rocky Mountain north, \$2.09; and Rocky Mountain south, \$2.72. Although a decline in stumpage and log prices was noted in 1930 as compared to 1929, prices remained proportionately higher in those regions geographically nearer the big centers of population. The aggregate average price paid for second-growth timber (Table 10) is higher than the average price of all timber. This is because the second-growth timber is more consistently accessible to market.

In Tables 3 to 11 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

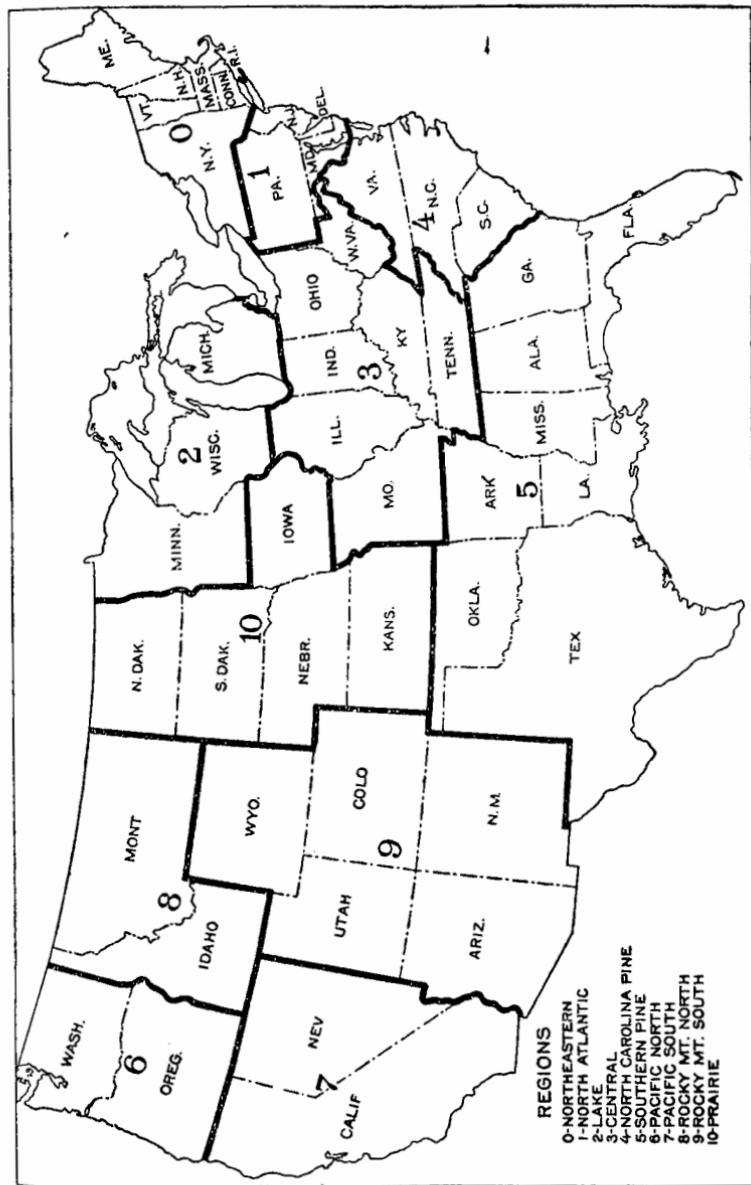


FIGURE 1.—Stumpage and log regions in the United States

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.

A regional recapitulation of the stumpage and log price data given in these Tables is set forth by species, type of sale, and regions in Table 12. This tabulation 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, whereas regional averages of species, being based on a greater number of transactions, are more consistently representative.

As stated already, a great many conditions enter into the prices realized for standing timber and logs. An analysis of the 1930 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 Table 13. Fifty-six per cent by volume of the stumpage was sold at prices between \$2 and \$5 per thousand feet.

Table 14 gives an analysis of the different species and types of sale by virgin, second-growth, and mixed or culled virgin stands. There are probably some inaccuracies in the reports on which this table is based, as indicated by table footnotes. However, even when proper allowance is made for these, the relative quantity of second-growth timber sold in 1930 (17 per cent) is surprisingly small.

A complete return of the sales of logs in the United States in any one year is practically impossible to obtain 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 (Table 15) that about 83 per cent of the logs purchased or sold in 1930 were intended primarily for the production of lumber. This should be of some significance in determining objectives in the management of forest lands.

The general average for all privately owned standing timber sold in 1929, computed from data obtained and analyzed in exactly the same manner as the 1930 tabulations presented herewith, was \$3.64 per thousand feet. The corresponding average of all sales for 1930 is \$3.25. The average selling price of all logs per thousand feet board measure in 1929 was \$17.08 and in 1930 is \$15.03. The apparent reduction of \$0.39 for stumpage and \$2.05 for log prices can not be accepted as conclusive evidence of the extent of the downward trend in prices, for many factors enter into these general averages which are not disclosed by the bare figures themselves.

A comparison between the 1929 and 1930 general average prices should be based on as nearly identical transactions as possible. If

the 1930 average stumpage and log prices are computed on a basis of the 1930 rates for the different species and on a basis of the percentages which the different species formed of the total sales reported in 1929, the average prices for the two years will be based on total amounts composed of the same percentages of the different species, and the main cause of dissimilarity between the two years will be removed. This method would not be as accurate in the case of two 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 two consecutive years if the averages are based on the same proportionate amounts of the different species.

Computing the general 1930 average stumpage and log prices on the basis just described, the average stumpage price was \$3.15 and the average log price was \$15.32 per thousand feet in 1930, or a decrease from 1929 of \$0.49 (13.5 per cent) per thousand in stumpage prices and \$1.76 (10.3 per cent) in log prices. In this connection brief but representative comparisons between 1929 and 1930 lumber prices are pertinent. If prices for the year 1926, as a base, are given a weight of 100 per cent, the wholesale price of all building materials, as compiled by the Bureau of Labor Statistics of the Department of Labor is 97.1 in 1929, and 90.3 in 1930, a decrease of 7 per cent in one year. The average wholesale price of 12 representative lumber items in 1929, as compiled by the same bureau, is \$40.80. In 1930 the same items average \$37.63, a decrease of \$3.17 (7.8 per cent) per thousand feet in 1930 over 1929.<sup>3</sup>

Prices paid by contractors for building materials delivered on the job for six representative lumber items<sup>4</sup> in eight representative cities,<sup>5</sup> 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 1930 of \$2.30 per thousand feet board measure (4.4 per cent) from the 1929 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 1930 over 1929: Idaho white pine, \$0.77; western yellow pine, \$4.53; Douglas fir and larch, \$2.97; Engelmann spruce, \$2.30; white fir, \$4.60; and cedar, \$2.98. The net lumber returns per thousand feet to lumber manufacturing members of the West Coast Lumbermen's Association, according to data furnished by its members, decreased \$2.97 in 1930 over 1929.

<sup>3</sup> Items included: Cypress, shap, 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.

<sup>4</sup> Yellow pine No. 1, 2 by 4 inches by 16 feet SISIE; Douglas fir No. 1, 2 by 4 inches by 16 feet SISIE; North Carolina pine No. 1, 2 by 4 inches by 16 feet SISIE; 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.

<sup>5</sup> Paterson, Akron, Philadelphia, Baltimore, Milwaukee, St. Louis, Los Angeles, and Birmingham.

## 8 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 1.—*Total stumpage and log sales reported, by species and type of sale, 1930*  
STUMPAGE SALES

Species and type of sale	Transactions	Quantity	Value	Average price per M ft., b. m.	Distribution by volume
Individual softwoods:	Number	M Jl., b. m.	Dollars	Dollars	Per cent
Western yellow pine.....	203	572,908	1,913,065	3.34	13.42
Western white pine.....	18	31,261	152,564	4.88	.73
Lodgepole pine.....	13	696	2,009	2.89	.02
Sugar pine.....	22	278,832	1,513,418	5.43	6.53
Norway pine.....	7	2,314	5,170	2.23	.05
Jack pine.....	3	90	345	3.83	
Northern white pine.....	171	73,219	607,547	8.30	1.72
Long-leaf pine.....	54	38,422	250,040	6.74	.90
Short-leaf pine.....	533	490,060	1,837,796	3.75	11.48
Western larch.....	49	14,814	22,639	1.52	.35
Tamarack.....	9	159	625	3.30	
Engelmann spruce.....	14	2,604	2,316	.89	.06
Sitka spruce.....	19	61,780	224,527	3.63	1.45
Eastern spruce.....	64	33,805	256,753	7.60	.79
Eastern hemlock.....	74	22,413	76,017	3.39	.53
Western hemlock.....	43	261,623	285,789	1.09	6.13
Douglas fir.....	388	1,871,816	4,613,044	2.46	43.85
White fir.....	30	133,543	78,332	.59	3.13
Balsam fir.....	32	4,025	22,762	5.66	.09
Cypress.....	46	25,929	168,278	6.49	.01
Redwood.....	4	115,780	290,115	2.51	2.71
Incense cedar.....	15	3,978	5,436	1.37	.09
Western red cedar.....	56	225,000	727,340	3.23	5.27
Northern white cedar.....	33	1,547	10,747	6.95	.04
Port Orford cedar.....	5	1,222	11,789	9.65	.03
Eastern red cedar.....	5	1,021	7,187	7.04	.02
Total or average.....	1,910	4,268,866	13,094,450	3.07	100.00
Individual hardwoods:					
Oak <sup>1</sup> .....	282	60,782	333,207	5.48	23.52
Red oak.....	210	25,331	147,435	5.82	9.80
White oak.....	202	29,169	266,058	9.12	11.29
Maple <sup>1</sup> .....	141	20,181	129,571	6.42	7.81
Soft maple.....	12	390	5,325	13.65	.15
Hard maple.....	29	4,269	77,772	18.22	1.65
Elm <sup>1</sup> .....	100	5,069	49,737	9.81	1.98
Ash.....	96	4,366	69,438	15.90	1.69
Black walnut.....	45	1,604	68,025	42.41	.62
Butternut.....	1	10	200	20.00	.01
Red gum.....	88	26,145	104,051	3.98	10.12
Tupelo gum.....	11	18,818	56,515	3.00	7.28
Black gum.....	10	8,796	28,030	3.19	3.40
Sycamore.....	22	435	3,124	7.18	.17
Aspen.....	12	2,821	6,439	2.28	1.09
Cottonwood.....	22	5,159	16,001	3.10	2.00
Yellow poplar.....	93	8,277	72,772	8.79	3.20
Birch <sup>1</sup> .....	43	7,983	55,764	6.98	3.09
Red alder.....	11	1,321	2,539	1.92	.51
Pecan.....	1	4	4	1.00	
Hickory <sup>1</sup> .....	81	1,646	16,191	9.84	.64
Cherry.....	13	119	1,309	11.00	.05
Basswood.....	64	4,321	42,365	9.80	1.67
Chestnut.....	74	9,502	33,670	3.54	3.68
Beech.....	127	10,791	58,683	5.44	4.18
Huckleberry.....	2	2	35	17.50	
Magnolia.....	13	1,095	8,411	7.68	.42
Persimmon.....	1	1	3	3.00	
Buckeye.....	1	5	30	6.00	
Total or average.....	1,807	258,411	1,652,694	6.40	100.00
Individual softwoods.....	1,910	4,268,866	13,094,450	3.07	58.84
Individual hardwoods.....	1,807	258,411	1,652,694	6.40	3.56
Flat-rate softwoods.....	288	2,030,722	5,302,411	2.64	28.00
Flat-rate hardwoods.....	300	181,824	916,608	5.04	2.51
Flat-rate mixed.....	365	614,615	2,716,208	5.28	7.09
Total or average.....	4,670	7,254,438	23,742,371	3.27	100.00

<sup>1</sup> Species not reported.

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 9

TABLE 1.—*Total stumpage and log sales reported, by species and type of sale, 1930—Continued*

(LOG SALES)

Species and type of sale	Trans- actions	Quantity	Value	Average price per M. ft., b. m.	Distribu- tion by volume
Individual softwoods:					
Western yellow pine	159	197,906	2,643,373	13.38	3.03
Western white pine	105	22,391	398,591	17.80	.34
Lodgepole pine	1	212	2,120	10.00	
Sugar pine	15	7,074	104,508	14.77	.11
Norway pine	23	1,040	25,755	24.76	.02
Jack pine	7	348	9,316	26.77	.01
Northern white pine	289	52,768	944,508	17.90	.81
Pitch pine	6	29	456	15.72	
Longleaf pine	21	12,451	241,716	19.41	.19
Shortleaf pine	244	172,416	2,180,167	12.64	2.64
Western larch	53	19,409	203,274	10.47	.30
Tamarack	10	1,026	21,412	20.87	.02
Engelmann spruce	13	1,512	19,753	13.08	.02
Stika spruce	157	298,988	4,945,762	16.49	4.59
Eastern spruce	101	14,579	292,257	20.05	.22
Eastern hemlock	178	45,462	699,117	15.38	.70
Western hemlock	168	1,063,684	10,434,996	9.81	16.29
Douglas fir	643	3,912,743	58,156,132	14.86	59.91
White fir	42	36,421	401,461	11.02	.56
Balsam fir	32	3,534	72,169	20.42	.05
Cypress	127	21,800	407,373	18.69	.33
Redwood	7	36,037	583,152	16.18	.55
Incense cedar	4	5,584	87,072	15.59	.09
Western red cedar	262	532,214	7,147,576	13.43	8.15
Northern white cedar	16	1,622	25,657	15.82	.02
Port Orford cedar	12	66,112	2,588,951	39.16	1.01
Eastern red cedar	10	2,904	107,304	36.95	.04
Total or average	2,705	6,531,264	92,743,926	14.20	100.00
Individual hardwoods:					
Oak 1	189	33,482	748,965	22.37	6.40
Willow	26	5,610	71,565	12.76	1.07
Red oak	172	30,762	620,678	20.18	5.88
White oak	160	29,597	787,594	26.61	5.66
Soft maple	22	1,200	28,977	24.15	.23
Hard maple	45	8,456	235,507	27.85	1.62
Maple 1	264	108,961	2,656,779	24.38	20.83
Elm 1	204	18,420	413,289	22.44	3.62
Rock elm	2	166	4,362	27.96	.03
Ash	203	16,454	507,006	30.81	3.14
Black walnut	111	18,050	1,956,086	108.37	3.45
Butternut	7	45	1,110	24.67	.01
Red gum	183	84,051	1,569,141	18.67	16.07
Tupelo gum	43	19,583	281,919	14.40	3.74
Black gum	18	7,523	98,158	13.05	1.44
Sycamore	73	2,999	54,977	18.33	.57
Locust	11	26	241	9.27	.01
Aspen	23	2,472	30,040	12.15	.47
Cottonwood	85	15,971	241,376	15.11	3.05
Yellow poplar	142	30,157	865,402	28.70	5.76
Birch 1	145	48,213	1,378,969	28.60	9.21
Red alder	43	6,941	100,876	14.53	1.33
Pecan	10	80	1,234	15.42	.02
Hickory 1	69	4,695	122,780	26.15	.90
Cherry	21	404	15,467	38.28	.08
Basswood	150	9,213	269,123	29.21	1.76
Chestnut	41	1,981	37,731	19.05	.38
Beech	120	13,020	278,404	21.38	2.49
Huckleberry	13	544	10,185	18.72	.10
Magnolia	23	3,675	72,339	19.68	.70
Persimmon	6	367	22,100	60.22	.07
Buckeye	2	73	1,400	19.18	.01
Total or average	2,626	523,181	13,483,780	25.77	100.00
Individual softwoods	2,705	6,531,264	92,743,926	14.20	85.20
Individual hardwoods	2,626	523,181	13,483,780	25.77	6.82
Flat-rate softwoods	115	394,593	4,868,108	12.34	5.15
Flat-rate hardwoods	112	78,746	1,555,317	19.75	1.03
Flat-rate mixed	80	138,231	2,501,856	18.75	1.80
Total or average	5,647	7,666,015	115,242,987	15.03	100.00

<sup>1</sup> Species not reported.

## 10 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 2.—*Total stumpage and log sales reported, by States: Volume, 1930; distribution, 1929 and 1930*

State	Stumpage				Logs	
	Volume, 1930	Distribution		Volume, 1930	Distribution	
		1930	1929		1930	1929
Alabama.	M ft. b. m. 155,094	Per cent 2.15	Per cent 1.37	M ft. b. m. 57,679	Per cent 0.75	Per cent 0.90
Arizona.	1,242	.02				
Arkansas.	94,326	1.30	1.93	63,292	.82	1.58
California.	1,448,012	19.96	4.00	92,089	1.20	1.15
Colorado.	7,717	.11				
Connecticut.	6,155	.08	.03	120		
Delaware.	1,575	.02		580	.01	
Florida.	58,629	.81	.89	32,089	.42	.40
Georgia.	134,468	1.85	1.09	37,907	.50	.81
Idaho.	92,060	1.28	.86	38,469	.50	
Illinois.	1,535	.02	.01	3,688	.05	.12
Indiana.	20,513	.28	.22	15,862	.21	.23
Iowa.	1,750	.02		734	.01	
Kansas.	401	.01		2,982	.04	
Kentucky.	17,746	.24	.04	21,601	.28	.19
Louisiana.	206,769	2.84	2.78	91,399	1.19	.71
Maine.	94,149	1.30	.44	56,504	.74	.17
Maryland.	9,649	.13	.11	973	.01	.01
Massachusetts.	12,138	.17	.10	7,480	.10	.10
Michigan.	54,058	.75	.88	163,003	2.13	2.19
Minnesota.	8,103	.11	.13	7,483	.10	.14
Mississippi.	87,657	1.21	1.37	97,692	1.27	1.69
Missouri.	18,076	.25	.07	18,035	.23	.41
Montana.	77,258	1.06	.57	58,050	.76	
Nevada.	125					
New Hampshire.	64,976	.90	.81	15,573	.20	.12
New Jersey.	787	.01		517	.01	
New Mexico.	13,576	.19				
New York.	38,151	.53	.51	14,062	.18	.29
North Carolina.	66,045	.91	1.29	70,576	.92	1.02
Ohio.	32,283	.45	.17	11,702	.15	.15
Oklahoma.	41,949	.57	.44	8,714	.11	
Oregon.	1,665,862	22.96	50.80	1,796,961	23.44	23.37
Pennsylvania.	51,069	.71	.29	18,534	.24	.05
Rhode Island.	4,431	.06		500	.01	
South Carolina.	80,712	1.24	1.32	61,040	.80	.79
Tennessee.	60,020	.83	.77	92,381	1.20	.08
Texas.	130,055	1.79	1.87	36,887	.48	.52
Vermont.	26,293	.36	.08	28,110	.37	.30
Virginia.	100,408	1.38	.63	21,195	.28	.26
Washington.	2,142,708	29.54	22.04	4,553,506	59.40	50.88
West Virginia.	85,946	1.18	2.12	6,654	.09	.15
Wisconsin.	30,784	.42	.47	61,303	.80	1.41
Wyoming.	280					
Total.	7,254,438	100.00	100.00	7,668,015	100.00	100.00

TABLE 3.—*Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1930*

## WESTERN YELLOW PINE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Arizona.	\$2.44		\$2.00- \$2.50			
California.	3.48	\$3.00	1.50- 7.00	\$13.76	\$13.76	\$9.00- \$20.00
Colorado.	3.00					
Idaho.	2.27		.90- 3.00	12.50	12.50	5.00- 15.00
Montana.	2.64		1.00- 5.00	15.17	15.17	7.00- 18.50
New Mexico.	2.59		1.00- 3.28			
Oregon.	4.02	2.00	1.00- 6.50	13.73	13.72	6.73- 16.00
Washington.	2.20		1.00- 4.25	11.80	11.80	7.00- 14.50
Average or spread.	3.34	2.96	.90- 7.00	13.36	13.37	5.00- 20.00

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 11

TABLE 3.—*Prices per thousand feet board measure of softwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## WESTERN WHITE PINE

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Idaho.....	\$4.93	\$4.71	\$2.50– \$6.25	\$17.58	\$17.80	\$7.50–\$21.00
Montana.....	4.91	—	3.00– 6.00	19.11	19.11	14.50– 19.60
Oregon.....	—	—	—	14.90	14.90	—
Washington.....	3.54	—	1.06– 6.00	16.90	17.05	8.00– 20.60
Average or spread.....	4.88	4.71	1.06– 6.25	17.80	17.84	7.50– 21.00

## LODGEPOLE PINE

Colorado.....	\$3.74	—	\$2.50– \$4.00	—	—	—
Idaho.....	1.00	—	.58– 2.50	\$10.00	—	—
Montana.....	3.44	—	3.00– 3.60	—	—	—
Wyoming.....	2.50	\$2.50	—	—	—	—
Average or spread.....	2.89	2.50	.58– 4.00	10.00	—	—

## SUGAR PINE

California.....	\$5.47	\$3.00	\$2.00– \$5.50	\$14.37	\$14.37	\$13.90–\$14.88
Oregon.....	2.59	—	1.50– 3.00	14.85	14.85	7.50– 17.00
Average or spread.....	5.43	3.00	1.50– 5.50	14.77	14.77	7.50– 17.00

## NORWAY PINE

Maine.....	\$12.00	\$12.00	—	\$12.23	\$12.13	\$12.00–\$17.00
Michigan.....	5.00	—	—	24.00	24.00	—
Minnesota.....	1.96	2.17	\$1.50– \$2.50	28.58	28.58	17.00– 29.00
Vermont.....	—	—	—	18.00	18.00	—
Wisconsin.....	—	—	—	20.94	21.12	18.00– 23.95
Average or spread.....	2.23	2.48	1.50– 12.00	24.76	24.86	12.00– 29.00

## JACK PINE

Minnesota.....	\$3.83	\$5.00	\$3.50– \$5.00	\$26.97	\$23.75	\$12.50–\$50.00
Wisconsin.....	—	—	20.00	20.00	—	—
Average or spread.....	3.83	5.00	3.50– 5.00	26.77	23.60	12.50– 50.00

## NORTHERN WHITE PINE

Connecticut.....	\$5.70	\$5.70	\$5.00– \$7.00	—	—	—
Kentucky.....	3.00	—	—	—	—	—
Maine.....	8.96	8.46	2.00– 15.00	\$16.00	\$15.96	\$7.50–\$30.00
Massachusetts.....	7.03	7.66	4.00– 15.00	17.15	17.03	10.00– 20.00
Michigan.....	11.46	10.00	9.00– 15.00	27.23	27.23	18.00– 35.00
Minnesota.....	8.00	—	—	26.45	26.45	10.00– 31.00
New Hampshire.....	8.39	8.39	3.00– 14.00	14.05	14.63	9.25– 19.00
New York.....	8.32	8.32	5.00– 10.00	19.94	19.86	13.75– 35.00
North Carolina.....	5.28	4.50	5.00– 9.00	13.00	13.00	—
Ohio.....	5.00	—	—	—	—	—
Pennsylvania.....	7.50	6.12	3.20– 15.00	22.39	22.39	17.00– 25.00
Rhode Island.....	8.57	6.00	6.00– 10.00	—	—	—
South Carolina.....	3.50	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—
Vermont.....	4.19	5.86	3.00– 20.00	12.70	12.70	12.50– 25.00
Virginia.....	3.25	—	—	17.99	17.99	12.00– 25.00
West Virginia.....	2.50	—	—	20.00	20.00	—
Wisconsin.....	—	—	—	25.72	25.72	10.00– 36.69
Average or spread.....	8.30	8.23	.50– 20.00	17.90	18.37	7.50– 36.69

## 12 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 3.—*Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## NORTHERN WHITE AND NORWAY PINE

State	Stumpage			Logs			
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales	
Connecticut.....	\$5.70	\$5.70	\$5.00- \$7.00	-----	-----	-----	
Kentucky.....	3.00	-----	-----	-----	-----	-----	
Maine.....	8.97	8.47	2.00- 15.00	\$15.97	\$15.93	\$7.50-\$10.00	
Massachusetts.....	7.63	7.66	4.00- 15.00	17.15	17.03	10.00- 20.00	
Michigan.....	11.19	10.00	5.00- 15.00	27.21	27.21	18.00- 35.00	
Minnesota.....	2.55	2.17	1.50- 8.00	26.92	26.92	10.00- 31.00	
New Hampshire.....	8.39	8.39	3.00- 14.00	14.05	14.53	9.25- 19.00	
New York.....	8.32	8.32	5.00- 10.00	10.94	10.86	13.75- 35.00	
North Carolina.....	5.28	4.50	.50- 9.00	13.00	13.00	-----	
Ohio.....	5.00	-----	-----	-----	-----	-----	
Pennsylvania.....	7.50	6.12	3.20- 15.00	22.39	22.39	17.00- 25.00	
Rhode Island.....	8.57	6.00	6.00- 10.00	-----	-----	-----	
South Carolina.....	3.50	-----	-----	-----	-----	-----	
Tennessee.....	-----	-----	-----	12.70	12.70	12.50- 25.00	
Vermont.....	4.19	5.80	3.00- 20.00	17.99	17.99	12.00- 25.00	
Virginia.....	3.25	-----	-----	20.00	20.00	-----	
West Virginia.....	2.50	-----	-----	-----	25.61	25.62	10.00- 36.69
Wisconsin.....	-----	-----	-----	-----	-----	-----	
Average or spread.....	8.11	8.10	.50- 20.00	18.03	18.51	7.50- 36.69	

## PITCH PINE

Maine.....	-----	-----	-----	\$15.72	\$15.72	\$14.00-\$16.00
------------	-------	-------	-------	---------	---------	-----------------

## LONGLEAF PINE

Alabama.....	\$6.20	\$2.86	\$2.00-\$16.66	\$13.00	\$13.00	\$15.00-\$20.00
Florida.....	6.87	5.60	2.50- 10.00	15.51	15.51	-----
Georgia.....	6.78	8.44	2.50- 10.00	17.52	17.52	12.00- 18.00
Louisiana.....	4.22	-----	2.62- 5.50	-----	-----	-----
Mississippi.....	6.62	6.48	6.00- 8.00	24.39	14.00	14.00- 52.26
North Carolina.....	12.00	-----	-----	16.00	16.00	-----
South Carolina.....	10.00	-----	-----	13.50	13.50	12.00- 15.00
Texas.....	-----	-----	-----	17.60	-----	-----
Average or spread.....	6.74	6.12	2.00- 16.66	10.41	15.14	12.00- 52.26

## SHORTLEAF PINE

Alabama.....	\$2.65	\$2.48	\$1.00-\$13.00	\$11.25	\$11.25	\$5.00-\$25.00
Arkansas.....	3.52	3.40	1.50- 10.00	11.81	11.81	6.50- 17.00
Delaware.....	0.41	5.71	5.00- 10.00	10.00	10.00	-----
Florida.....	3.59	2.86	2.50- 5.00	11.00	11.00	-----
Georgia.....	2.91	2.89	.50- 6.00	11.83	11.83	4.00- 22.52
Kentucky.....	2.00	2.00	-----	25.00	25.00	-----
Louisiana.....	4.63	3.65	2.00- 18.95	12.52	12.48	6.00- 23.07
Maryland.....	4.69	4.19	.80- 20.00	20.00	20.00	-----
Mississippi.....	3.59	2.87	1.50- 12.50	12.48	12.48	5.00- 20.00
Missouri.....	4.57	2.41	1.00- 5.00	15.98	15.68	6.00- 22.35
North Carolina.....	4.19	4.18	.03- 9.00	12.59	12.80	5.00- 18.00
Oklahoma.....	2.66	2.58	1.00- 4.00	13.62	13.62	6.75- 19.21
Pennsylvania.....	6.81	6.81	-----	15.27	15.00	8.00- 20.50
South Carolina.....	4.24	4.20	1.00- 9.00	14.46	14.73	8.00- 20.50
Tennessee.....	3.17	4.64	1.00- 18.00	9.83	9.83	6.50- 18.00
Texas.....	4.63	3.68	1.50- 12.00	11.36	11.43	3.00- 17.25
Virginia.....	4.76	4.83	1.00- 9.00	16.04	15.22	6.00- 25.00
West Virginia.....	5.00	5.00	-----	40.00	40.00	-----
Average or spread.....	3.75	3.45	.50- 20.00	12.64	12.65	3.00- 40.00

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 13

 TABLE 3.—*Prices per thousand feet board measure of softwood stumppage and logs, individual sales, by species and States, 1930—Continued*

 SOUTHERN PINE<sup>1</sup>

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.24	\$2.76	\$1.00-\$16.66	\$11.24	\$11.24	\$5.00-\$25.00
Arkansas.....	3.52	3.40	1.50- 10.00	11.81	11.81	6.50- 17.00
Delaware.....	6.41	5.71	5.00- 10.00			
Florida.....	6.34	3.43	2.50- 10.00	15.33	15.33	10.00- 22.33
Georgia.....	3.11	2.97	.50- 10.00	12.15	11.94	4.00- 24.40
Kentucky.....	3.45	2.00	2.00- 7.50	25.03	25.00	25.00- 30.62
Louisiana.....	4.58	3.76	1.50- 18.95	12.41	12.38	6.00- 23.07
Maryland.....	4.69	4.19	.80- 20.00	20.00	20.00	
Mississippi.....	3.71	3.06	1.00- 12.50	15.02	13.39	5.00- 52.26
Missouri.....	4.57	2.41	1.00- 5.00	15.98	15.98	6.00- 22.35
North Carolina.....	4.21	4.13	.63- 12.00	12.82	12.98	5.00- 18.00
Oklahoma.....	2.66	2.58	1.00- 4.00	13.62	13.62	6.75- 19.21
Pennsylvania.....	6.81	6.81				
South Carolina.....	4.36	4.05	1.00- 10.00	14.04	14.36	7.75- 20.50
Tennessee.....	3.17	4.54	1.00- 18.00	9.83	9.83	6.50- 18.00
Texas.....	5.30	3.60	1.50- 12.00	13.67	11.43	3.00- 17.50
Virginia.....	4.76	4.83	1.00- 9.00	16.04	15.22	6.00- 25.00
West Virginia.....	5.00	5.00				
Average or spread.....	4.06	3.46	.50- 20.00	13.26	13.07	3.00- 52.26

## WESTERN LARCH

Idaho.....	\$1.23	\$2.25	\$1.00- \$2.25	\$10.20	\$8.07	\$5.00-\$11.00
Montana.....	1.59		.25- 3.00	10.79	12.20	6.00- 16.47
Oregon.....	1.00			9.00	9.00	8.49- 10.39
Washington.....	1.19		.50- 1.50	8.86	8.86	7.00- 11.00
Average or spread.....	1.52	2.25	.25- 3.00	10.47	10.43	5.00- 16.47

## TAMARACK

Michigan.....	\$3.26	\$8.00	\$2.00- \$8.00	\$22.12	\$22.12	\$18.90-\$23.00
Minnesota.....	3.52			22.98	22.67	10.00- 30.00
Wisconsin.....				12.57	12.57	12.00- 15.00
Average or spread.....	3.30	8.00	2.00- 8.00	20.87	20.48	10.00- 30.00

## ENGELMANN SPRUCE

Colorado.....	\$3.77	\$4.00	\$2.50- \$4.00			
Idaho.....	.94	2.00	.58- 2.00	\$9.18	\$8.94	\$7.00-\$10.00
Montana.....	.78		.50- 3.60	13.95	13.95	10.00- 15.75
Oregon.....	1.00					
Washington.....	.50			12.08	13.27	8.00- 13.50
Average or spread.....	.89	3.20	.50- 4.00	13.06	13.69	7.00- 15.75

## SITKA SPRUCE

California.....	\$1.50					
Oregon.....	4.20	\$1.00	\$1.00- \$5.00	\$15.05	\$17.22	\$6.00-\$29.00
Washington.....	3.60		3.00- 5.10	17.40	17.32	8.70- 40.00
Average or spread.....	3.03	1.00	1.00- 5.10	16.49	17.28	6.00- 40.00

<sup>1</sup> Includes longleaf pine, shortleaf pine, and southern yellow pine where species was not reported.

## 14 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 3.—*Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## EASTERN SPRUCE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine.....	\$9.67	\$10.02	\$5.00-\$15.00	\$20.00	\$22.30	\$9.00-\$29.00
Michigan.....	2.07	—	2.00- 10.00	21.19	21.19	15.00- 23.00
Minnesota.....	—	—	—	20.00	21.19	10.00- 25.00
New Hampshire.....	4.16	4.16	4.00- 8.00	11.05	11.05	8.00- 20.00
New York.....	—	—	—	17.50	17.50	—
North Carolina.....	—	—	—	20.50	—	—
Vermont.....	6.36	6.48	4.00- 12.00	23.41	24.10	14.00- 30.00
Wisconsin.....	—	—	—	23.66	23.66	12.00- 32.00
Average or spread.....	7.60	8.90	2.00- 15.00	20.05	20.82	8.00- 32.00

## EASTERN HEMLOCK

Connecticut.....	\$6.00	\$6.00	—	—	—	—
Kentucky.....	—	—	—	—	—	—
Maine.....	6.34	6.47	\$4.00-\$10.00	14.06	\$14.05	\$4.50-\$20.00
Massachusetts.....	6.65	6.65	5.63- 10.00	15.62	17.17	9.00- 18.00
Michigan.....	2.81	5.03	2.00- 8.00	15.28	15.65	12.00- 19.07
New Hampshire.....	3.15	3.15	2.00- 5.00	14.87	14.87	11.00- 20.00
New York.....	4.54	4.52	4.00- 15.00	21.68	21.62	8.00- 30.00
North Carolina.....	.50	—	—	17.50	—	—
Pennsylvania.....	6.17	7.95	5.00- 22.00	20.78	21.61	15.00- 32.00
Tennessee.....	1.00	—	—	10.00	10.00	—
Vermont.....	3.90	3.90	3.00- 7.00	15.50	15.50	12.00- 22.00
Virginia.....	7.00	—	—	—	—	—
Wisconsin.....	8.00	8.00	—	15.11	14.49	7.00- 20.00
Average or spread.....	3.39	5.73	.50- 22.00	15.38	15.15	4.50- 32.00

## WESTERN HEMLOCK

Idaho.....	\$1.14	\$0.88	\$0.31- \$2.00	\$8.00	\$8.00	\$8.00-\$13.25
Oregon.....	1.07	1.01	.50- 3.00	10.75	11.08	9.40
Washington.....	—	—	—	9.60	—	3.30- 15.00
Average or spread.....	1.09	1.00	.31- 3.00	9.81	9.56	3.30- 15.00

## DOUGLAS FIR

California.....	\$0.64	\$2.00	\$0.50- \$5.00	\$17.34	\$17.34	\$12.00-\$18.68
Colorado.....	2.77	—	2.50- 3.15	—	—	—
Idaho.....	1.07	2.25	.58- 4.00	10.44	7.85	5.00- 11.00
Montana.....	1.70	—	.25- 5.00	10.88	10.88	6.00- 16.47
Oregon.....	2.22	1.30	.25- 5.60	13.94	13.97	2.00- 22.00
Washington.....	3.15	2.36	.75- 6.25	15.26	15.27	3.48- 38.77
Average or spread.....	2.46	1.92	.25- 6.25	14.86	14.87	2.00- 38.77

## WHITE FIR

California.....	\$0.53	\$1.00	\$0.50- \$2.00	\$10.61	\$10.61	\$10.00-\$12.00
Idaho.....	.86	.60	.50- .83	7.83	6.93	5.00- 10.00
Oregon.....	1.32	—	.20- 2.00	12.19	11.26	9.00- 16.44
Washington.....	.90	—	.50- 1.00	10.52	9.54	6.00- 12.00
Average or spread.....	.59	1.00	.20- 2.00	11.02	10.51	5.00- 16.44

## BALSAM FIR

Maine.....	\$8.08	\$8.32	\$5.00-\$10.00	\$21.57	\$17.19	\$11.00-\$26.00
Michigan.....	.56	3.00	.50- 4.00	15.69	15.69	12.00- 19.30
Minnesota.....	—	—	—	12.72	12.72	10.00- 18.00
New Hampshire.....	—	—	—	18.00	18.00	—
Vermont.....	5.00	5.00	—	16.28	16.04	15.00- 19.00
Wisconsin.....	—	—	—	14.67	14.67	14.00- 18.00
Average or spread.....	5.66	8.19	.50- 10.00	20.42	16.28	10.00- 20.00

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 15

TABLE 3.—*Prices per thousand feet board measure of softwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## CYPRESS

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama				\$16.57	\$16.57	\$16.00-\$17.00
Arkansas	\$5.67	\$5.67	\$3.00-\$6.50	16.70	16.70	6.00-22.00
Florida	5.60		2.50-9.00	16.28	16.28	11.00-24.40
Georgia	8.00			22.93	24.19	7.50-28.50
Illinois				18.93	18.93	18.00-20.00
Louisiana	8.62	10.00	4.00-16.00	18.72	18.93	12.25-23.69
Mississippi	2.75	2.74	2.00-8.00	19.57	19.57	9.00-30.00
Missouri	1.64	1.32	.50-3.00	12.35	11.30	8.00-18.00
North Carolina	2.60	2.50		15.12	15.12	12.00-16.00
Oklahoma				14.00	14.00	
Pennsylvania				25.00	25.00	
South Carolina	6.33	3.80	3.50-6.75	17.61	17.81	12.00-20.00
Tennessee				14.69	14.69	8.00-18.00
Texas	6.00					
Virginia	5.00	5.00		28.14	28.14	22.50-30.00
Average or spread	6.49	3.69	.50-16.00	18.69	18.44	7.50-30.00

## REDWOOD

California	\$2.51		\$2.00-\$3.25	\$16.18	\$16.06	\$14.50-\$34.00
------------	--------	--	---------------	---------	---------	-----------------

## INCENSE CEDAR

California	\$1.42	\$2.00	\$0.50-\$2.00	\$10.57	\$10.00	\$10.00-\$20.00
Oregon	.54		.20-1.00	13.21	10.57	10.57-13.22
Average or spread	1.37	2.00	.20-2.00	15.59	10.04	10.00-20.00

## WESTERN RED CEDAR

Idaho				\$11.48	\$9.21	\$7.50-\$12.00
Montana	\$0.60					
Oregon	1.20		\$1.00-\$3.00	11.67	13.18	6.38-15.40
Washington	3.29	\$1.65	1.00-6.00	13.64	16.04	3.78-28.00
Average or spread	3.23	1.65	.50-6.00	13.43	15.04	3.78-28.00

## NORTHERN WHITE CEDAR

Maine	\$7.86	\$7.57	\$6.00-\$13.50	\$15.72	\$16.56	\$12.00-\$20.00
Massachusetts	6.25	6.25	4.50-15.00			
Michigan	2.03	2.00	1.00-7.00	15.55	14.00	13.51-18.00
Minnesota				14.00		
New Hampshire				20.00	20.00	
Vermont				16.00	16.00	
Wisconsin				16.25		
Average or spread	6.05	5.38	1.00-15.00	15.82	15.06	12.00-29.00

## PORT ORFORD CEDAR

Oregon	\$9.65		\$5.00-\$12.00	\$39.16	\$39.17	\$15.00-\$58.62
--------	--------	--	----------------	---------	---------	-----------------

## 16 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 3.—*Prices per thousand feet board measure of softwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## EASTERN RED CEDAR

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$10.00	\$10.00		\$31.70	\$31.70	\$30.00-\$32.50
Mississippi.....	5.00			20.00	20.00	
Missouri.....				40.00	40.00	
North Carolina.....				43.35	43.35	
South Carolina.....	10.00	10.00				
Tennessee.....				42.60	42.67	20.00-43.35
Virginia.....	7.44	8.00	\$7.00-\$8.00			
West Virginia.....				71.00		
Average or spread.....	7.04	9.98	5.00-10.00	36.05	36.40	20.00-71.00

## ALL SPECIES

Alabama.....	\$2.96	\$2.54	\$1.00-\$16.66	\$11.76	\$11.76	\$6.00-\$32.50
Arizona.....	2.44		2.00-2.50			
Arkansas.....	3.55	3.46	1.50-10.00	12.65	12.65	6.50-22.00
California.....	3.14	1.78	.50-7.00	15.43	15.26	9.00-34.00
Colorado.....	3.01	4.00	2.50-4.00			
Connecticut.....	5.72	5.72	5.00-7.00			
Delaware.....	6.41	5.71	5.00-10.00	10.00	10.00	
Florida.....	6.25	3.43	2.50-10.00	15.65	15.65	11.00-24.40
Georgia.....	3.10	3.02	.50-10.00	16.08	15.94	4.00-28.50
Idaho.....	3.47	4.89	.50-6.25	13.02	13.50	5.00-21.00
Illinois.....				18.93	18.93	18.00-20.00
Kentucky.....	2.44	2.00	2.00-3.00	24.90	24.90	20.00-25.00
Louisiana.....	5.03	3.67	2.00-18.95	13.44	13.41	6.00-23.60
Maine.....	9.00	8.79	2.00-15.00	16.93	16.35	4.50-30.00
Maryland.....	4.69	4.19	.80-20.00	20.00		
Massachusetts.....	7.60	7.62	4.00-15.00	17.14	17.03	9.00-20.00
Michigan.....	2.85	5.28	.50-15.00	17.40	18.97	12.00-35.00
Minnesota.....	2.60	2.21	1.50-8.00	25.08	25.70	10.00-50.00
Mississippi.....	3.64	3.11	1.50-12.50	15.13	13.19	5.00-52.26
Missouri.....	4.20	1.97	.50-5.00	16.09	16.08	6.00-40.00
Montana.....	2.18		.25-5.00	13.42	14.17	6.00-19.50
New Hampshire.....	8.16		2.00-14.00	13.70	13.83	8.00-20.00
New Mexico.....	2.59		1.00-3.28			
New York.....	5.57	5.59	4.00-15.00	20.49	20.37	8.00-35.00
North Carolina.....	4.24	4.17	.50-12.00	13.96	13.86	5.00-43.35
Ohio.....	5.00					
Oklahoma.....	2.66	2.58	1.00-4.00	13.62	13.62	6.75-19.21
Oregon.....	2.38	1.29	.20-12.00	14.54	15.26	2.00-58.62
Pennsylvania.....	7.10	6.69	3.20-22.00	20.22	23.10	9.00-32.00
Rhode Island.....	8.57	6.00	6.00-10.00			
South Carolina.....	4.64	4.17	1.00-10.00	14.60	14.86	8.00-20.50
Tennessee.....	2.02	4.54	1.00-18.00	13.58	13.87	6.60-43.35
Texas.....	4.64	3.68	1.50-12.00	11.47	11.43	3.00-17.50
Vermont.....	5.36	6.17	3.00-20.00	20.09	20.31	12.00-30.00
Virginia.....	4.76	4.83	1.00-9.00	18.20	15.30	6.00-30.00
Washington.....	2.81	2.28	.50-6.25	13.09	14.36	3.30-40.00
West Virginia.....	2.97	5.00	2.50-5.00	68.62	10.00	40.00-71.00
Wisconsin.....	8.00	8.00		17.20	17.74	7.00-36.60
Wyoming.....	2.50	2.50				
Average or spread.....	3.07	3.40	.25-22.00	14.20	14.63	2.00-71.00

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 17

 TABLE 4.—*Prices per thousand feet board measure of softwood stumppage and logs, flat-rate sales, by States, 1930*

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$3.82	\$3.39	\$1.50-\$6.80	\$10.45	\$10.45	\$8.50-\$17.65
California	2.04		.66- 4.50	14.00	14.00	-----
Colorado	3.14		2.00- 4.00	-----	-----	-----
Florida	5.40		2.50- 8.33	16.40	16.40	10.00- 22.33
Georgia	3.18	2.76	1.50- 8.50	11.87	11.31	6.00- 24.40
Idaho	.66	1.-1	.35- 3.00	9.58	9.58	8.00- 11.00
Kentucky	6.46		5.00- 7.50	30.62	-----	-----
Louisiana	4.35	7.71	1.50-15.00	12.13	12.13	6.10- 16.40
Maine	7.82	6.08	3.00-10.00	17.89	18.04	12.00- 25.00
Massachusetts	5.48	5.48	4.50- 6.00	12.25	-----	-----
Minnesota				18.00	18.00	-----
Mississippi	4.38	2.24	1.00- 5.00	15.84	15.84	9.00- 21.00
Montana	1.28		.14- 5.00	11.81	11.81	6.00- 15.00
New Hampshire	5.12	5.12	4.00- 6.00	15.00	15.00	-----
New Mexico	2.55		2.10- 3.00	-----	-----	-----
North Carolina	4.07	3.56	1.34- 5.00	13.34	13.32	10.00- 16.00
Oregon	2.38	1.04	.50- 3.98	12.61	12.61	7.00- 13.25
Pennsylvania	11.00	11.00	-----	-----	-----	-----
South Carolina	4.57	3.26	2.00- 6.00	13.59	13.92	7.75- 17.50
Texas	7.93	3.04	2.00-10.00	15.61	15.61	5.00- 17.50
Vermont	6.66	6.66	2.50-14.00	15.48	15.48	12.00- 18.00
Washington	2.76	1.20	.28- 5.00	11.48	12.46	5.00- 14.12
Wisconsin	1.21		-----	15.00	15.00	-----
Wyoming	1.00		-----	-----	-----	-----
Average or spread	2.64	1.76	.14-15.00	12.34	12.84	5.00- 30.62

 TABLE 5.—*Prices per thousand feet board measure of softwood stumppage and logs, all sales, by States, 1930*

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$3.26	\$2.79	\$1.00-\$16.06	\$11.75	\$11.75	\$5.00-\$32.50
Arizona	2.44		2.00- 2.50	-----	-----	-----
Arkansas	3.35	3.46	1.50- 10.00	12.65	12.65	6.50- 22.00
California	2.77	1.78	.50- 7.00	15.31	15.15	9.00- 34.00
Colorado	3.05	4.00	2.00- 4.00	-----	-----	-----
Connecticut	5.72	5.72	5.00- 7.00	-----	-----	-----
Delaware	6.41	5.71	5.00- 10.00	10.00	10.00	-----
Florida	6.20	3.43	2.50- 10.00	15.70	15.70	10.00- 24.40
Georgia	3.11	2.07	.50- 10.00	14.11	14.08	4.00- 28.50
Idaho	2.29	4.43	.35- 6.25	13.00	13.48	5.00- 21.00
Illinois				18.93	18.93	18.00- 20.00
Kentucky	3.29	2.00	2.00- 7.50	24.99	24.96	20.00- 25.00
Louisiana	4.92	3.78	1.50- 18.95	13.11	13.09	6.00- 23.09
Maine	8.48	8.55	2.00- 15.00	17.00	16.50	4.50- 30.00
Maryland	4.69	4.19	.80- 20.00	20.00	20.00	-----
Massachusetts	7.54	7.57	4.00- 15.00	17.05	16.93	9.00- 20.00
Michigan	2.85	5.28	.50- 15.00	17.49	18.97	12.00- 35.00
Minnesota	2.60	2.21	1.50- 8.00	25.07	25.69	10.00- 50.00
Mississippi	3.71	3.03	1.00- 12.50	15.27	13.71	5.00- 52.26
Missouri	4.20	1.97	.50- 5.00	16.09	16.08	6.00- 40.00
Montana	1.85		.14- 5.00	13.33	14.02	6.00- 19.50
New Hampshire	8.02	8.02	2.00- 14.00	13.71	13.85	8.00- 20.00
New Mexico	2.58		1.00- 3.28	-----	-----	-----
New York	5.57	5.59	4.00- 15.00	20.49	20.37	8.00- 35.00
North Carolina	4.20	4.12	.50- 12.00	13.80	13.70	5.00- 43.35
Ohio	5.00		-----	-----	-----	-----
Oklahoma	2.66	2.58	1.00- 4.00	13.62	13.62	6.75- 19.21
Oregon	2.38	1.28	.20- 12.00	14.40	15.04	2.00- 58.62
Pennsylvania	7.34	7.15	3.20- 22.00	20.22	23.10	8.00- 32.00
Rhode Island	8.57	6.00	6.00- 10.00	-----	-----	-----
South Carolina	4.02	4.04	1.00- 10.00	14.13	14.44	7.75- 20.50
Tennessee	2.02	4.54	1.00- 18.00	13.88	13.87	6.50- 43.35
Texas	5.31	3.60	1.50- 12.00	13.67	13.80	3.00- 17.50
Vermont	5.67	6.32	2.50- 20.00	19.70	19.94	12.00- 30.00
Virginia	4.76	4.83	1.00- 9.00	18.20	15.30	6.00- 30.00
Washington	2.79	1.70	.28- 6.25	13.89	14.29	3.30- 40.00
West Virginia	2.97	5.00	2.50- 5.00	68.62	17.94	40.00- 71.00
Wisconsin	1.33	8.00	1.21- 8.00	17.20	17.73	7.00- 36.69
Wyoming	1.43	2.50	1.00- 2.50	-----	-----	-----
Average or spread	2.93	2.97	.14- 22.00	14.00	14.52	2.00- 71.00

## 18 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930*

## OAK—SPECIES NOT REPORTED

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$3.01	\$3.44	\$2.00- \$4.00	\$10.88	\$16.40	\$8.50- \$18.00
Arkansas.....	3.24	3.06	1.00- 6.00	11.42	11.53	6.00- 28.00
California.....	4.00					
Connecticut.....	4.63	4.63		28.50		
Delaware.....	13.00	10.00	10.00- 15.00	15.00	15.00	
Florida.....				21.56	21.56	14.75- 22.85
Georgia.....	3.01	3.71	2.00- 5.00	21.56	21.56	6.00- 22.27
Illinois.....	0.79	5.00	5.00- 25.00	35.00	35.00	
Indiana.....	14.22	12.93	2.00- 20.00	24.63	23.64	20.00- 50.00
Iowa.....				13.00		
Kansas.....	10.00	10.00		50.00	50.00	
Kentucky.....	8.10	9.75	5.00- 12.00	19.82	19.82	19.00- 20.00
Louisiana.....	1.95	4.00	1.68- 5.00	17.03	17.11	10.00- 20.00
Maine.....				18.00	18.00	16.00- 20.00
Maryland.....	5.71	4.96	4.00- 10.71	25.00	25.00	
Massachusetts.....	20.00	20.00		20.00	20.00	
Michigan.....	14.45	15.00	8.00- 20.00	31.34	26.15	15.00- 65.00
Minnesota.....				30.00	30.00	
Mississippi.....	2.51	2.67	1.75- 5.00	19.71	19.70	10.00- 20.00
Missouri.....	3.50	2.29	2.00- 10.00	19.80	20.10	8.00- 22.42
New Hampshire.....	14.37	14.37	10.00- 15.00	18.35	18.35	16.00- 20.00
New Jersey.....	14.62	10.00	10.00- 20.00	34.28	34.28	30.00- 40.00
New York.....	7.25	7.58	5.00- 8.00	21.57	21.34	18.00- 35.00
North Carolina.....	2.07	2.15	.50- 6.00	15.02	18.00	13.00- 18.00
Ohio.....	9.22	8.91	1.60- 35.00	29.87	29.87	20.00- 50.00
Oklahoma.....	2.61		2.00- 3.00	22.42	22.42	
Oregon.....				25.00		
Pennsylvania.....	6.46	5.62	3.00- 12.00	21.06	15.31	15.00- 30.00
Rhode Island.....	5.00	5.00				
South Carolina.....				23.49	23.49	20.00- 25.21
Tennessee.....	7.33	5.08	2.00- 20.00	26.36	25.93	9.00- 00.00
Texas.....	2.50	2.50		7.50	7.50	
Vermont.....	6.89	8.00	5.00- 8.00	20.14	20.14	15.00- 25.00
Virginia.....	5.69	5.64	2.50- 15.00	22.39	18.93	12.00- 35.00
Washington.....	6.50	6.67	4.00- 7.00	48.98	45.00	45.00- 50.00
West Virginia.....				31.93	16.71	12.90- 56.00
Wisconsin.....				29.78	31.66	15.00- 50.00
Average or spread.....	5.48	6.00	.50- 35.00	22.37	20.45	6.00- 65.00

## WILLOW

Arkansas.....				\$0.67	\$0.67	\$5.00- \$15.00
Louisiana.....				12.23	18.45	11.00- 21.00
Mississippi.....				13.98	13.98	10.00- 14.00
Tennessee.....				17.44	17.44	
Average or spread.....				12.76	14.60	5.00- 21.00

## RED OAK

Alabama.....	\$2.78	\$3.01	\$2.50- \$4.50	\$15.55	\$15.55	\$10.00- \$18.00
Arkansas.....	5.04	5.17	2.00- 10.00	15.04	21.00	10.00- 24.00
Connecticut.....	3.80	3.80	3.00- 6.00	25.00	25.00	
Delaware.....	7.00	7.00		21.00	21.00	
Georgia.....	2.62	2.62	2.70- 3.00	19.84	19.98	18.00- 19.98
Illinois.....	4.25		4.00- 6.00	16.70	16.70	12.50- 25.00
Indiana.....	9.77	9.38	1.00- 20.00	31.25	31.43	25.00- 40.00
Iowa.....				15.00		
Kentucky.....	7.37	6.49	2.00- 10.00	20.81	20.65	15.00- 53.71
Louisiana.....	7.22		3.00- 11.84	16.62	16.62	12.00- 19.74
Maine.....	9.79	9.78	8.00- 12.00	20.00	20.00	12.00- 25.00
Maryland.....	8.82	8.82	3.75- 12.00	60.00		
Massachusetts.....	6.00	6.00		20.71	20.71	20.00- 25.00
Michigan.....	7.87	7.87	6.67- 20.00	28.78	30.50	20.74- 36.00
Minnesota.....				18.00	18.00	
Mississippi.....	9.06	9.06	2.00- 10.00	18.50	18.04	10.00- 22.00
Missouri.....	3.29	3.41	1.00- 5.00	12.28	13.03	5.00- 10.00
New Hampshire.....	8.00	8.00				
New Jersey.....	10.00	10.00				

STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 19

TABLE 6.—*Prices per thousand feet board measure of hardwood stumppage and logs, individual sales, by species and States, 1930—Continued*

RED OAK—Continued

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
New York.....	\$8.38	\$8.38	\$8.00- \$9.00	\$28.56	\$25.45	\$16.00- \$60.00
North Carolina.....	4.00	4.00		14.14	11.93	11.00- 26.00
Ohio.....	8.98	7.81	5.00- 20.00	28.42	32.10	16.00- 40.00
Pennsylvania.....	4.99	3.85	2.50- 16.00	25.35	25.35	10.00- 30.00
Rhode Island.....	5.00	5.00				
South Carolina.....	3.64			22.00	22.00	
Tennessee.....	4.42	4.38	2.00- 10.00	21.08	21.23	7.00- 30.00
Texas.....	3.85	3.96	2.00- 4.00	14.10	14.10	10.00- 17.00
Vermont.....	7.91	3.00	3.00- 8.00	21.12	20.84	16.00- 30.00
Virginia.....	4.50	4.70	2.00- 7.00	17.82	21.78	8.50- 22.00
West Virginia.....	3.18	2.50	2.00- 5.00	21.03	21.03	18.00- 40.00
Wisconsin.....	2.06	2.06	2.00- 15.00	49.31	39.92	20.00- 93.63
Average or spread.....	5.82	5.16	1.00- 20.00	20.18	20.86	5.00- 93.63

WHITE OAK

Alabama.....	\$4.00			\$17.03	\$17.03	\$12.00- \$20.00
Arkansas.....	5.72	\$5.07	\$3.00- \$10.00	16.49	19.09	6.49- 25.00
Connecticut.....	5.25	5.25	3.00- 8.00			
Delaware.....	9.00			23.00	23.00	
Florida.....				21.00	21.00	
Georgia.....	4.00	4.00		21.08	21.21	19.50- 27.50
Illinois.....	7.50	7.50		24.41	24.41	20.00- 25.00
Indiana.....	18.56	15.60	2.00- 30.00	46.81	47.12	30.00- 60.00
Kentucky.....	9.85	10.00	5.00- 20.00	34.36	34.00	20.00- 63.99
Louisiana.....	9.16		3.00- 14.21	15.61	15.61	10.00- 23.69
Maine.....				18.88	18.88	18.00- 25.00
Maryland.....	11.54		7.50- 18.33	69.00		
Massachusetts.....	10.00	10.00		135.00		110.00- 160.00
Michigan.....	20.00	20.00		46.54	35.00	35.00- 50.00
Minnesota.....				15.06	15.06	15.00- 20.00
Mississippi.....	2.97	2.30	2.00- 6.25	10.92	19.92	19.61- 22.00
Missouri.....	5.58	5.72	2.00- 8.00	13.75	15.00	5.00- 15.00
New York.....				65.00		
North Carolina.....	5.64	4.96	4.00- 7.00	14.39	14.14	11.00- 20.00
Ohio.....	10.98	12.43	2.50- 22.00	35.38	35.47	20.00- 45.00
Pennsylvania.....	8.28	4.76	4.50- 25.00	13.68	13.68	10.00- 18.00
South Carolina.....	1.13	4.67	1.00- 5.00	14.85	14.73	14.00- 23.50
Tennessee.....	8.19	6.75	4.00- 12.00	27.52	27.73	10.00- 38.00
Texas.....	5.16	4.00	3.00- 5.59	15.16	15.16	15.00- 18.00
Virginia.....	5.77	3.43	2.50- 10.00	17.23	15.61	9.00- 50.00
West Virginia.....	5.37	2.60	2.50- 6.00	20.00	20.00	
Wisconsin.....	3.00			68.29	31.90	15.00- 81.00
Average or spread.....	9.12	6.75	1.00- 30.00	26.61	28.56	5.00- 160.00

OAK—ALL INDIVIDUAL SALES

Alabama.....	\$3.01	\$3.35	\$2.00- \$4.50	\$15.13	\$16.28	\$8.50- \$20.00
Arkansas.....	3.80	3.43	1.00- 10.00	15.21	17.55	6.00- 28.00
California.....	4.00					
Connecticut.....	4.19	4.19	3.00- 8.00	28.21	25.00	25.00- 28.50
Delaware.....	0.40	7.86	7.00- 15.00	21.82	21.82	15.00- 23.00
Florida.....				21.46	21.45	14.75- 22.85
Georgia.....	2.08	3.33	2.00- 5.00	21.02	21.10	6.00- 27.50
Illinois.....	7.57	6.03	4.00- 25.00	20.53	20.53	12.50- 35.00
Indiana.....	14.29	11.82	1.00- 30.00	41.19	41.90	20.00- 60.00
Iowa.....				14.52		13.00- 15.00
Kansas.....	10.00	10.00		50.00	50.00	
Kentucky.....	9.07	9.26	2.00- 20.00	23.33	23.12	15.00- 63.99
Louisiana.....	2.00	4.00	1.00- 14.21	16.69	16.74	10.00- 23.99
Maine.....	9.79	9.78	8.00- 12.00	19.70	19.70	12.00- 25.00
Maryland.....	0.48	5.13	3.75- 18.33	50.26	25.00	25.00- 69.00
Massachusetts.....	12.28	12.28	6.00- 20.00	20.70	20.54	20.00- 160.00
Michigan.....	10.06	8.79	6.07- 20.00	31.49	28.33	15.00- 65.00
Minnesota.....				16.54	16.54	15.00- 30.00
Mississippi.....	3.30	3.33	1.75- 10.00	19.50	19.52	10.00- 22.00
Missouri.....	3.69	3.69	1.00- 10.00	18.73	19.24	5.00- 22.42
New Hampshire.....	12.84	12.84	8.00- 15.00	18.35	18.35	16.00- 20.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## OAK—ALL INDIVIDUAL SALES—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
New Jersey.....	\$13.89	\$10.00	\$10.00- 20.00	\$34.28	\$34.28	\$30.00- 40.00
New York.....	7.44	7.74	5.00- 9.00	20.57	24.15	16.00- 30.00
North Carolina.....	3.89	3.73	.50- 7.00	14.26	12.80	11.00- 26.00
Ohio.....	9.63	8.83	1.50- 35.00	31.59	32.69	16.00- 50.00
Oklahoma.....	2.61		2.00- 3.00	22.42	22.42	
Oregon.....				25.00		
Pennsylvania.....	6.52	5.13	2.50- 25.00	20.43	16.50	10.00- 30.00
Rhode Island.....	5.00	5.00				
South Carolina.....	1.20	4.67	1.00- 5.00	21.62	21.61	14.00- 25.21
Tennessee.....	7.20	4.76	2.00- 20.00	24.89	25.00	7.00- 60.00
Texas.....	4.12	3.91	2.00- 5.59	14.54	14.54	7.50- 18.00
Vermont.....	7.37	7.89	3.00- 8.00	20.94	20.71	15.00- 30.00
Virginia.....	5.57	4.98	2.00- 15.00	19.12	16.88	8.50- 50.00
Washington.....				48.98	45.00	45.00- 50.00
West Virginia.....	6.06	6.30	2.00- 7.00	31.15	17.15	18.00- 56.00
Wisconsin.....	2.14	2.06	2.00- 15.00	51.30	38.71	15.00- 93.63
Average or spread.....	6.48	5.80	.50- 35.00	22.99	22.95	5.00-160.00

## MAPLE—SPECIES NOT REPORTED

Alabama.....				\$20.00	\$20.00	
Arkansas.....				20.13	20.13	\$8.00-\$26.00
Connecticut.....	\$6.19	\$6.19	\$3.00- \$8.00			
Florida.....				21.43	21.43	20.00- 22.33
Georgia.....				21.45	21.58	19.32- 23.33
Illinois.....	6.67		5.00- 12.00	32.25	32.25	25.00- 35.00
Indiana.....	10.98	10.46	2.00- 25.00	48.14	29.53	19.00-150.00
Iowa.....				10.00	10.00	
Kansas.....	4.00	4.00		30.00	30.00	
Kentucky.....				24.65	23.91	15.00- 47.49
Maine.....	5.00			19.43	19.43	18.00- 30.00
Massachusetts.....				28.41	20.00	20.00- 50.00
Michigan.....	5.76	7.04	4.00- 12.00	24.10	23.87	15.00-108.00
Mississippi.....				15.66	15.66	14.70- 16.49
Missouri.....				17.25	14.73	12.00- 60.00
New Hampshire.....	5.47	5.47	5.00- 8.00	22.00	22.00	
New Jersey.....				25.0	25.00	
New York.....	6.51	5.42	1.00- 25.00	23.78	23.46	18.00- 50.00
North Carolina.....	3.00	3.00		18.11	17.21	12.00- 25.00
Ohio.....	9.02	6.38	1.00- 20.00	29.02	29.19	15.00- 40.00
Oregon.....	3.15		2.50- 3.50	22.00		
Pennsylvania.....	9.14	5.21	3.00- 15.00	30.55	26.95	10.00- 45.00
Rhode Island.....	4.20	4.20	4.00- 5.00			
South Carolina.....	3.00			22.90	22.90	20.82- 25.00
Tennessee.....	4.45	5.20	2.00- 6.00	17.75	17.75	14.00- 25.00
Vermont.....	3.96	5.43	2.00- 7.11	21.79	21.44	14.00- 36.00
Virginia.....	8.86		2.50- 10.00	30.00		
Washington.....	5.00		1.50- 10.00	27.24	17.94	10.00-175.00
Wisconsin.....	7.50	10.00	5.00- 10.00	25.04	21.81	16.00- 35.00
Average or spread.....	6.42	6.80	1.00- 25.00	24.38	23.57	9.00-175.00

## SOFT MAPLE

Florida.....				\$15.00	\$15.00	
Indiana.....	\$15.81	\$10.67	\$10.00-\$18.00	26.37	26.37	\$25.00-\$30.00
Iowa.....				25.00	25.00	
Kentucky.....				25.00	25.00	
Michigan.....	12.00	12.00		25.22	24.57	20.00- 36.00
New York.....	8.61	8.00	8.00- 10.00	30.00		
Ohio.....	13.27	7.09	6.00- 18.00	28.28	28.28	20.00- 36.00
Tennessee.....				19.00	19.00	
West Virginia.....				10.00	10.00	20.00- 23.00
Wisconsin.....				21.92	21.92	
Average or spread.....	13.65	11.44	6.00- 18.00	24.15	23.91	10.00- 35.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## HARD MAPLE

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Indiana.....	\$10.89	\$23.33	\$10.00-\$25.00	\$32.27	\$32.27	\$25.00-\$35.00
Massachusetts.....				80.00		
Michigan.....	24.00	21.67	20.00-25.00	29.52	27.87	27.50-195.00
New Hampshire.....	3.00	3.00				
New York.....	9.27		9.00-10.00			
Ohio.....	15.36	11.03	10.00-20.00	30.12	30.12	26.00-40.00
Pennsylvania.....				12.00	12.00	
Tennessee.....	10.00	10.00		21.18	21.18	20.00-22.50
Vermont.....				20.33	20.33	20.00-22.00
West Virginia.....				38.83	38.80	12.00-45.00
Wisconsin.....				20.76	21.00	19.00-25.00
Average or spread.....	18.22	19.81	3.00-25.00	27.85	27.13	12.00-105.00

## MAPLE—ALL INDIVIDUAL SALES

Alabama.....				\$20.00	\$20.00	
Arkansas.....				20.13	20.13	\$9.00-\$26.00
Connecticut.....	\$6.19	\$6.19	\$3.00-\$8.00			
Florida.....				21.37	21.37	15.00-22.33
Georgia.....				21.45	21.58	19.32-23.33
Illinois.....	6.67		5.00-12.00	32.25	32.25	25.00-35.00
Indiana.....	16.61	13.04	2.00-25.00	36.22	31.32	19.00-150.00
Iowa.....				21.25	21.25	10.00-25.00
Kansas.....	4.00	4.00		30.00	30.00	
Kentucky.....				24.83	24.48	15.00-47.49
Maine.....	6.00			19.43	19.43	18.00-30.00
Massachusetts.....				55.33	20.00	20.00-80.00
Michigan.....	6.57	16.27	4.00-25.00	24.35	24.03	15.00-195.00
Mississippi.....				15.66	15.66	14.70-16.49
Missouri.....				17.25	14.73	12.00-60.00
New Hampshire.....	5.24	5.24	3.00-6.00	22.00	22.00	
New Jersey.....				25.00	25.00	
New York.....	6.77	5.49	1.00-25.00	23.79	23.48	18.00-50.00
North Carolina.....	3.00	3.00		18.11	17.21	12.00-26.00
Ohio.....	12.89	6.65	1.60-20.00	29.85	29.90	15.00-40.00
Oregon.....	3.15		2.50-3.50	22.00	22.00	
Pennsylvania.....	9.14	5.21	3.00-15.00	29.82	25.58	10.00-45.00
Rhode Island.....	4.20	4.20	4.00-5.00			
South Carolina.....	3.00			22.90	22.90	20.82-25.00
Tennessee.....	6.04	8.15	2.00-10.00	20.17	20.17	14.00-25.00
Vermont.....	3.96	5.43	2.00-7.11	21.77	21.42	14.00-35.00
Virginia.....	8.86		2.50-10.00	30.00		
Washington.....	5.00		1.50-10.00	27.24	17.94	10.00-175.00
West Virginia.....				38.14	38.14	10.00-45.00
Wisconsin.....	7.50	10.00	5.00-10.00	24.32	21.69	10.00-35.00
Average or spread.....	8.56	8.20	1.00-25.00	24.63	23.81	9.00-195.00

## ELM—SPECIES NOT REPORTED

Alabama.....				\$13.89	\$13.89	\$13.00-\$15.00
Arkansas.....	\$2.60	\$3.00	\$2.00-\$3.00	18.79	20.18	9.00-22.00
Florida.....				22.22	22.22	15.00-22.51
Georgia.....				18.46	18.26	17.40-20.66
Illinois.....	4.99		3.00-6.00	30.65	18.78	12.50-31.50
Indiana.....	12.89	9.02	1.00-20.00	26.28	26.08	14.45-40.00
Iowa.....				10.00	10.00	
Kansas.....	5.00	5.00		30.00	30.00	
Kentucky.....				10.00	10.00	
Louisiana.....				19.48	19.48	19.00-22.00
Maine.....				17.71	17.71	12.00-20.00
Maryland.....	4.00	4.00				
Massachusetts.....				15.00	15.00	
Michigan.....	7.69	8.01	5.00-20.00	25.14	24.85	10.00-37.50
Mississippi.....	3.50	3.50		15.33	16.80	15.00-18.00
Missouri.....				20.00		
New York.....	16.00	16.16	4.00-25.00	28.81	19.62	10.00-45.00
North Carolina.....				22.50		
Ohio.....	14.04	9.50	2.00-20.00	26.91	27.17	15.00-40.00
Oklahoma.....	2.00					
Pennsylvania.....	5.98		2.50-9.00			
South Carolina.....	3.00			28.98	17.29	13.00-30.00
Tennessee.....	3.46	3.00	3.00-7.50	16.90	16.90	10.00-30.00
Texas.....	1.47			15.00	15.00	
Vermont.....	4.43	4.20	4.25-5.00	17.19	16.48	10.00-25.00
Wisconsin.....	12.00	12.00		23.11	23.03	10.00-33.30
Average or spread.....	9.81	7.55	1.00-25.00	22.44	23.43	9.00-45.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## ROCK ELM

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Wisconsin.....				\$27.96	\$27.96	\$24.42-\$30.00

## ASH

Alabama.....	\$5.33	\$6.00	\$5.00- \$8.00	\$25.19	\$25.23	\$25.00-\$26.00
Arkansas.....	4.00	4.00		24.01	24.01	9.00- 30.00
Connecticut.....	8.00	8.00				
Florida.....				30.67	30.67	20.40- 32.77
Georgia.....	3.00	3.00		29.24	29.21	21.17- 31.50
Illinois.....	12.46		4.00- 15.00	32.50	23.12	15.00- 40.00
Indiana.....	27.10	29.01	2.00- 35.00	41.65	39.61	20.00- 52.50
Kansas.....	10.00	10.00		40.00	40.00	
Kentucky.....	10.00	10.00		40.00	40.00	
Louisiana.....	8.61		1.50- 9.00	22.13	28.06	14.42- 85.00
Maine.....	12.00	12.00		28.33	28.33	16.00- 30.00
Massachusetts.....				24.14	24.14	20.00- 25.00
Michigan.....	8.01	21.00	3.00- 30.00	23.78	22.85	22.00- 50.00
Minnesota.....				16.71	16.70	12.00- 20.00
Mississippi.....				39.57	22.00	20.00- 45.00
Missouri.....				28.04	15.00	15.00- 30.00
New Hampshire.....	10.00	10.00		27.00		
New Jersey.....				35.00	35.00	
New York.....	10.37	11.50	5.00- 30.00	37.45	26.20	16.00- 55.00
North Carolina.....				18.94	16.67	15.00- 22.00
Ohio.....	28.95	20.00	3.00- 40.00	45.40	39.57	20.00- 80.00
Oregon.....	1.50					
Pennsylvania.....	11.82	12.86	10.00- 15.00	48.70	52.54	16.00- 55.00
Rhode Island.....	8.00	8.00				
South Carolina.....	6.50			29.25	29.25	20.00- 32.00
Tennessee.....	8.70	7.00	6.00- 20.00	24.63	24.63	17.42- 40.00
Texas.....	4.00	4.00		22.83	22.83	22.50- 23.00
Vermont.....	25.13	24.57	3.00- 35.00	65.98	28.57	15.00- 75.00
Virginia.....	6.19	5.00	4.00- 10.00	30.00		
Washington.....				18.75	18.67	18.00- 20.00
West Virginia.....				30.88	19.14	17.00- 40.00
Wisconsin.....				25.49	22.96	18.00- 48.85
Average or spread.....	15.90	20.29	1.50- 40.00	30.81	27.27	9.00- 80.00

## BLACK WALNUT

Alabama.....				\$40.71	\$40.71	\$40.00-\$45.00
Arkansas.....				90.00		
Georgia.....				20.00	20.00	
Illinois.....	\$69.17	\$25.00	\$25.00-\$75.00	120.35	124.84	25.00-125.00
Indiana.....	39.98	37.46	4.00-100.00	124.87	112.35	20.00-200.00
Iowa.....				99.45	99.45	55.00-106.00
Kansas.....	35.00	35.00		80.93	80.93	70.00-100.00
Kentucky.....	20.00	20.00		75.15	74.61	25.00- 97.95
Maryland.....	40.00			190.00		
Michigan.....	40.00					
Missouri.....				110.61	105.93	40.98-264.73
New York.....				150.00		
North Carolina.....				40.00	40.00	
Ohio.....	52.57	14.00	7.00- 75.00	104.41	77.37	10.98-420.60
Oklahoma.....				48.10	48.10	
Pennsylvania.....				35.00		
Rhode Island.....	5.00	5.00				
Tennessee.....	30.07	20.71	5.00- 40.00	61.30	61.42	20.00- 75.00
Texas.....				17.00	17.00	
Virginia.....	53.62		8.00- 55.00	147.42	40.00	40.00-359.21
West Virginia.....	10.00			95.98	88.17	25.00-134.00
Wisconsin.....				122.62	35.00	35.00-150.00
Average or spread.....	42.41	34.88	4.00-100.00	108.37	94.01	10.98-420.60

## BUTTERNUT

Michigan.....	\$20.00			\$21.00	\$21.00	
Tennessee.....				30.71	25.00	\$23.00-\$38.00
Wisconsin.....						
Average or spread.....	20.00			24.67	22.20	21.00- 38.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## RED GUM

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....	\$4.50	\$3.84	\$2.00-\$12.00	\$17.01	\$17.01	\$9.00-\$20.00
Arkansas.....	3.17	2.27	2.00- 7.00	21.85	20.53	9.00- 41.00
Delaware.....	5.00	5.00	-----	19.00	19.00	-----
Florida.....	2.77	2.19	2.00- 4.00	22.25	22.25	16.00- 22.97
Georgia.....	6.00	-----	-----	17.97	21.46	14.00- 25.63
Illinois.....	7.13	5.00	.75- 15.00	23.21	23.21	20.00- 25.00
Kentucky.....	5.00	5.00	-----	31.40	28.07	10.00- 45.00
Louisiana.....	3.70	-----	1.50- 9.47	28.20	23.77	15.00- 32.71
Maryland.....	4.00	4.00	-----	16.18	19.09	10.00- 22.00
Mississippi.....	6.65	1.40	.50- 10.00	18.89	19.09	3.00- 20.16
Missouri.....	-----	-----	-----	23.60	11.51	5.00- 37.00
New Jersey.....	3.00	-----	2.50- 4.00	25.00	25.00	-----
North Carolina.....	3.95	5.50	3.00- 6.00	12.81	12.81	6.00- 17.11
Ohio.....	2.00	2.00	-----	20.39	23.20	12.00- 24.00
Oklahoma.....	3.45	-----	3.00- 6.00	20.15	17.98	13.00- 60.00
South Carolina.....	4.10	4.04	3.00- 7.50	15.71	15.09	7.50- 18.00
Tennessee.....	5.74	-----	1.50- 7.07	20.51	30.27	13.00- 35.00
Virginia.....	2.43	2.12	1.50- 4.00	-----	-----	-----
Average or spread.....	3.98	3.24	.50- 15.00	18.67	19.67	3.00- 60.00

## TUPELO GUM

Alabama.....	-----	-----	-----	\$18.34	\$18.08	\$13.00-\$19.00
Arkansas.....	-----	-----	-----	16.83	8.00	8.00- 20.00
Florida.....	\$2.50	\$2.50	-----	14.00	14.00	-----
Georgia.....	2.50	-----	-----	19.00	19.00	-----
Illinois.....	-----	-----	-----	15.00	-----	-----
Louisiana.....	2.87	2.62	\$2.25- \$6.70	12.91	15.69	8.00- 20.00
Mississippi.....	-----	-----	-----	15.97	14.72	11.17- 25.00
North Carolina.....	3.44	3.00	3.00- 3.50	18.00	-----	-----
South Carolina.....	3.00	-----	-----	14.48	15.19	13.70- 16.00
Virginia.....	-----	-----	-----	-----	-----	-----
Average or spread.....	3.00	2.62	2.25- 6.70	14.40	16.03	8.00- 25.00

## BLACK GUM

Arkansas.....	-----	-----	-----	\$16.12	\$20.00	\$16.00-\$20.00
Georgia.....	-----	-----	-----	12.00	-----	-----
Louisiana.....	\$3.19	-----	\$1.50- \$4.74	11.96	8.47	5.77- 19.00
Mississippi.....	-----	-----	-----	14.04	14.04	8.00- 14.81
North Carolina.....	2.50	\$2.50	-----	-----	-----	-----
Tennessee.....	-----	-----	-----	15.08	15.18	8.00- 17.42
Texas.....	-----	-----	-----	16.35	12.58	7.50- 18.00
Average or spread.....	3.19	2.50	1.50- 4.74	13.05	11.32	5.77- 20.00

## GUMS—ALL INDIVIDUAL SALES

Alabama.....	\$4.50	\$3.84	\$2.00-\$12.00	\$17.61	\$17.34	\$9.00-\$20.00
Arkansas.....	3.17	2.27	2.00- 7.00	19.80	20.40	8.00- 41.00
Delaware.....	5.00	5.00	-----	19.00	19.00	-----
Florida.....	2.50	-----	-----	21.97	21.97	14.00- 22.97
Georgia.....	2.75	2.23	2.00- 4.00	17.83	21.40	12.00- 25.63
Illinois.....	6.00	-----	-----	18.29	23.21	15.00- 25.00
Indiana.....	7.13	5.00	.75- 15.00	31.40	28.07	10.00- 45.00
Kentucky.....	5.00	5.00	-----	28.20	23.77	15.00- 32.71
Louisiana.....	3.25	2.62	1.50- 9.47	14.11	16.03	5.77- 22.00
Maryland.....	4.00	4.00	-----	-----	-----	-----
Mississippi.....	6.65	1.40	.50- 10.00	18.31	18.42	3.00- 25.00
Missouri.....	-----	-----	-----	23.60	11.51	5.00- 37.00
New Jersey.....	-----	-----	-----	25.00	25.00	-----
North Carolina.....	2.79	2.50	2.50- 4.00	15.57	11.28	11.00- 26.00
Ohio.....	3.95	5.50	3.00- 6.00	-----	-----	-----
Oklahoma.....	2.00	2.00	-----	12.81	12.81	6.00- 17.11
South Carolina.....	3.45	3.00	3.00- 6.00	19.86	22.60	12.00- 24.00
Tennessee.....	4.10	4.04	3.00- 7.50	19.69	17.71	8.00- 60.00
Texas.....	5.74	-----	1.50- 7.07	15.82	14.90	7.50- 18.00
Virginia.....	2.45	2.12	1.50- 4.00	20.51	30.27	13.00- 35.00
Average or spread.....	3.51	2.84	.50- 15.00	17.54	13.85	3.00- 60.00

## 24 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## SYCAMORE

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama.....				\$15.22	\$15.22	\$13.00-\$16.38
Arkansas.....				16.93	17.35	10.00-20.00
Georgia.....				20.80	20.91	17.80-21.62
Illinois.....	\$4.90		\$3.00- \$5.00	19.38	19.38	10.00-20.00
Indiana.....	6.84	\$4.90	2.00- 15.00	22.20	22.73	11.46-25.00
Kentucky.....				15.02	14.82	10.00-26.00
Louisiana.....				17.20	17.20	15.00-21.00
Maryland.....	3.00	3.00				
Michigan.....	10.00					
Mississippi.....	2.33	2.33		14.98	14.98	10.00-15.86
Missouri.....				30.00		
Ohio.....	7.35	7.50	3.00- 7.50	24.32	28.33	19.50-30.00
South Carolina.....				21.53	21.53	17.00-23.51
Tennessee.....	10.00			14.87	14.87	9.00-32.00
Texas.....				15.00	15.00	
Average or spread.....	7.18	4.81	2.00- 15.00	18.33	16.67	9.00- 32.00

## LOCUST

Arkansas.....				\$9.27	\$9.27	\$9.00-\$14.00
---------------	--	--	--	--------	--------	----------------

## ASPEN

Colorado.....	\$1.00					
Maine.....				\$20.00	\$20.00	
Massachusetts.....	5.00	\$5.00				
Michigan.....	4.46		\$4.00-\$10.00	17.06	18.00	\$10.00-\$18.00
Minnesota.....	2.20	2.31	1.50- 3.00	12.14	12.14	8.00-17.00
New York.....				18.00	18.00	
Vermont.....				13.56	13.56	10.00-22.00
Wisconsin.....	.50	.50		10.20	10.29	10.00-14.00
Average or spread.....	2.28	2.27	.50- 10.00	12.15	12.16	8.00- 22.00

## COTTONWOOD

Alabama.....	\$2.00	\$2.00		\$16.40	\$16.40	\$14.00-\$18.00
Arkansas.....	2.55	2.55	\$2.50- \$2.80	16.35	16.29	9.00-23.00
Georgia.....				19.15	19.15	17.64-19.26
Illinois.....				17.97	20.00	15.00-20.00
Indiana.....	4.74	4.74	2.50- 10.00	27.67		25.00-30.00
Iowa.....				25.00	25.00	
Kansas.....	5.00	5.00		30.00	30.00	
Kentucky.....				15.00	15.00	
Louisiana.....	8.00	8.00		12.72	17.95	11.00-21.00
Mississippi.....				16.02	16.02	12.00-18.20
Missouri.....	6.56	6.56	5.00- 7.50	20.72	15.00	15.00-26.00
Nevada.....	3.00					
Ohio.....	10.00			10.00	10.00	
Oklahoma.....	2.00	2.00		6.00	6.00	
Oregon.....	1.50	1.50		10.42	10.07	10.00-12.00
South Carolina.....				19.73	19.73	13.00-24.00
Tennessee.....				15.59	15.59	12.00-45.00
Texas.....				16.00	16.00	
Washington.....	1.75	2.50	.95- 2.50	13.39	12.76	9.00-14.00
Average or spread.....	3.10	3.21	.95- 10.00	15.11	15.86	6.00-45.00

## YELLOW POPLAR

Alabama.....	\$4.00	\$4.00		\$20.76	\$20.76	\$13.50-\$23.65
Arkansas.....				20.00	20.00	
Florida.....				18.72	18.72	17.00-24.33
Georgia.....	0.99	2.08	\$2.00- \$7.50	22.25	24.07	6.00-26.00
Illinois.....				24.00	24.00	22.00-25.00
Indiana.....	12.69	13.23	1.50- 25.00	45.15	38.36	20.00-65.00
Kentucky.....	10.28	10.00	5.00- 12.00	40.20	23.46	20.00-51.26
Louisiana.....				17.00	17.00	
Maryland.....	3.07	3.07	3.50- 4.00	38.75		30.00-47.50
Michigan.....	24.81	20.00	20.00- 25.00			
Mississippi.....	3.00	3.00		21.20	21.51	10.00-23.41
New Jersey.....	7.00	7.00		30.00	30.00	
New York.....				65.00		
North Carolina.....	5.11	5.01	1.00- 10.00	21.97	13.02	12.00-28.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## YELLOW POPLAR—Continued

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Ohio.....	\$13.93	\$7.55	\$7.00- 30.00	\$25.97	\$25.97	\$20.00-\$50.00
Pennsylvania.....	6.19	2.50	2.50- 10.00	26.58	26.33	14.00- 55.00
South Carolina.....	3.00			23.62	23.62	7.00- 26.00
Tennessee.....	11.98	7.94	4.00- 20.00	36.60	23.62	10.00- 45.60
Virginia.....	6.49	3.26	2.50- 15.00	30.08	22.13	22.00-278.08
West Virginia.....	6.57	7.00	6.00- 7.00	30.91	30.91	30.00- 40.00
Wisconsin.....				36.50		
Average or spread.....	8.79	4.85	1.00- 30.00	28.70	22.45	6.00-278.08

## BIRCH—SPECIES NOT REPORTED

Alabama.....				\$13.00	\$13.00	
Maine.....	\$6.16	\$12.00	\$5.00-\$12.00	21.97	44.07	\$10.00-\$55.00
Maryland.....	4.00	4.00				
Massachusetts.....				25.05	19.18	18.00- 50.00
Michigan.....	7.41	7.00	7.00- 12.00	29.26	27.13	20.00- 56.80
Minnesota.....	2.53			18.93	22.15	14.00- 28.00
Mississippi.....	1.50	1.50				
Missouri.....				11.67	11.67	5.00- 15.00
New Hampshire.....	4.19	4.10	3.00- 8.00	24.68	25.85	16.00- 32.00
New York.....	6.36	6.36	6.00- 10.00	49.83	26.03	12.00- 60.00
North Carolina.....				12.00	12.00	
Pennsylvania.....	4.82	4.00	4.00- 13.00			
Tennessee.....	6.00					
Vermont.....	6.04	5.02	2.00- 7.11	28.56	18.67	15.00- 40.00
Virginia.....	.50					
Washington.....				24.00	12.00	12.00- 40.00
West Virginia.....	12.00	12.00		20.67	20.67	14.00- 24.00
Wisconsin.....				32.09	27.86	12.00- 60.00
Average or spread.....	6.98	5.16	.50- 13.00	28.60	27.32	5.00- 60.00

## ALDER

Oregon.....	\$1.91	\$1.00	\$1.00- \$2.00	\$11.32	\$11.32	\$11.00-\$13.50
Washington.....	1.95	1.53	1.00- 2.50	14.97	14.75	11.00- 19.00
Average or spread.....	1.92	1.36	1.00- 2.50	14.53	14.12	11.00- 19.00

## PECAN

Arkansas.....				\$15.42	\$15.42	\$0.00-\$17.00
Louisiana.....	\$1.00					
Average or spread.....	1.00			15.42	15.42	9.00- 17.00

## HICKORY—SPECIES NOT REPORTED

Alabama.....				\$24.73	\$24.73	\$16.00-\$28.00
Arkansas.....	\$7.17	\$7.52	\$6.50- \$8.00	29.30	12.40	12.50- 30.00
Florida.....				15.37	15.37	15.00- 22.13
Georgia.....				16.78	16.50	16.50- 17.00
Illinois.....	7.25		4.00- 30.00	15.00	15.00	
Indiana.....	10.83	9.73	4.50- 25.00	25.37	23.98	19.00- 40.00
Kentucky.....	8.43	9.64	3.00- 10.00	28.33	30.00	28.20- 30.00
Louisiana.....	8.99		3.00- 11.84	22.65	22.65	14.42- 23.00
Maryland.....	4.00	4.00				
Michigan.....	14.72		10.00- 15.00	25.00	25.00	
Mississippi.....				28.00	20.00	20.00- 30.00
Missouri.....	9.78	9.78	3.00- 22.00	21.30	15.00	15.00- 25.00
New Jersey.....				35.00	35.00	
New York.....				25.00	25.00	
North Carolina.....	4.00	4.00				
Ohio.....	14.17	8.26	1.75- 20.00	31.71	32.21	25.00- 40.00
Pennsylvania.....	6.00	6.67	5.00- 10.00	68.98		35.00- 85.00
South Carolina.....	3.00					
Tennessee.....	5.00	5.10	4.00- 12.50	22.08	18.14	8.00- 38.78
Texas.....	4.00			15.00	15.00	
Virginia.....	5.18	4.44	1.50- 7.00	25.38	25.38	10.60- 30.00
West Virginia.....	5.00	5.00		19.12	20.71	18.00- 40.00
Average or spread.....	9.84	7.31	1.50- 30.00	26.15	22.39	8.00- 85.00

## 26 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## CHERRY

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Florida				\$28.65	\$28.65	\$21.47-\$20.00
Indiana	\$12.22	\$10.00	\$3.00-\$20.00	84.02	45.00	40.00-100.00
Massachusetts				60.00		
Michigan	20.00	20.00		20.84	24.12	23.00-40.00
Mississippi				15.00	15.00	
New York	18.20	18.20	8.00-25.00	37.40	29.75	14.00-55.00
Ohio				50.00	50.00	
Pennsylvania	5.83	4.67	4.00-18.00	31.04	31.04	25.00-35.00
Vermont				10.00	10.00	
Virginia	4.00		*			
Wisconsin				41.00		
Average or spread	11.00	9.63	3.00-25.00	38.28	30.26	10.00-100.00

## BASSWOOD

Alabama				\$13.00	\$13.00	
Florida				22.12	22.12	\$15.00-\$23.12
Indiana	\$17.30	\$11.90	\$2.50-\$20.00	31.27	30.86	20.50-100.00
Iowa				25.00		
Kentucky	7.97	6.50	6.50-8.00	27.28	20.00	20.00-33.04
Maine	8.00			20.28	20.40	15.00-23.00
Michigan	7.54	14.27	6.00-25.00	30.91	28.23	15.00-42.50
Minnesota				12.00	12.00	
Mississippi				17.69	17.69	17.00-18.00
New Hampshire	8.00					
New York	10.60	10.98	5.00-18.00	34.50	28.32	8.00-55.00
Ohio	15.52	6.46	4.00-26.00	40.75	40.75	15.00-45.00
Pennsylvania	10.85	10.00	10.00-17.50	20.71	20.71	16.00-32.50
Tennessee	5.83	5.83	5.00-10.00	20.74	20.99	18.00-21.00
Vermont	5.25	7.24	4.25-8.00	21.37	20.58	15.00-40.00
Virginia	4.00			20.00	20.00	
West Virginia	7.00	7.00		35.00	35.00	
Wisconsin	15.00	15.00		30.03	24.22	10.00-54.00
Average or spread	9.80	9.82	2.50-25.00	20.21	24.33	8.00-100.00

## CHESTNUT

Illinois				\$20.00	\$20.00	
Indiana				30.00	30.00	
Kentucky	\$6.77	\$6.50	\$2.00-\$6.50	20.99	20.00	\$20.00-\$36.90
Massachusetts	7.22	7.22	5.00-10.00	15.00	15.00	
New Hampshire				15.00	15.00	
New York	3.45	4.00	3.00-4.00	49.53	20.00	20.00-50.00
North Carolina	1.13	1.40	.50-4.00	6.00	6.00	
Ohio	5.04	4.44	2.00-25.00	19.77	10.77	16.00-40.00
Pennsylvania	3.51	3.31	1.00-8.00	18.37	13.89	8.00-35.00
Rhode Island	2.00	2.00				
Tennessee	2.09	5.60	2.00-10.00	19.51	20.03	8.00-24.00
Virginia	2.57	2.00	1.00-4.00	14.00	14.00	
West Virginia	4.61	4.61	3.00-5.00	20.21	20.71	12.00-35.00
Average or spread	3.54	4.00	.50-25.00	19.05	19.32	8.00-50.00

## BEECH

Alabama	\$2.50			\$14.90	\$14.90	\$12.00-\$15.00
Arkansas				18.00	18.00	
Connecticut	3.02	\$3.92	\$3.00-\$4.50			
Florida				17.17	17.17	15.00-21.34
Georgia				20.00		
Illinois				20.00	20.00	
Indiana	6.29	3.46	.67-20.00	21.77	20.33	15.00-28.00
Kentucky	5.57	5.00	5.00-6.00	16.65	16.62	15.00-26.00
Louisiana	4.06		1.50-4.74	16.12	16.92	5.77-18.00
Maine	3.00			16.00	16.00	
Maryland	4.00	4.00				
Massachusetts				17.50	17.50	15.00-18.00
Michigan	7.49	10.82	4.00-13.00	20.37	20.53	16.00-35.00
Mississippi				16.81	16.81	10.00-18.00

TABLE 6.—*Prices per thousand feet board measure of hardwood stumppage and logs, individual sales, by species and States, 1930—Continued*

## BEECH—Continued

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
New Hampshire.....	\$8.00	\$8.00	.....	.....	.....	.....
New Jersey.....	10.00	10.00	.....	\$25.00	\$25.00	.....
New York.....	3.62	4.41	\$0.50—\$8.00	20.73	17.00	\$12.00—\$30.00
Ohio.....	5.09	3.22	1.50—12.00	20.39	20.11	15.00—35.00
Pennsylvania.....	0.08	2.48	2.00—12.50	23.53	20.20	15.00—25.00
Rhode Island.....	4.00	4.00	.....	.....	.....	.....
Tennessee.....	6.07	5.00	3.00—10.00	17.87	17.39	10.00—19.00
Vermont.....	4.38	4.38	3.00—7.11	16.41	15.94	12.00—22.00
Virginia.....	.....	.....	.....	20.00	20.00	.....
West Virginia.....	6.00	6.00	.....	21.29	7.00	7.00—22.00
Wisconsin.....	.....	.....	.....	15.83	15.83	15.00—20.00
Average or spread.....	5.44	3.81	.50—20.00	21.38	18.30	5.77—35.00

## HACKBERRY

Alabama.....	.....	.....	.....	\$10.71	\$19.71	\$13.00—\$20.00
Arkansas.....	.....	.....	.....	16.66	16.66	9.00—17.00
Illinois.....	\$25.00	.....	.....	.....	.....	.....
Indiana.....	10.00	\$10.00	.....	.....	.....	.....
Mississippi.....	.....	.....	.....	13.00	13.00	.....
Tennessee.....	.....	.....	.....	17.40	17.40	.....
Average or spread.....	17.50	10.00	\$10.00—\$25.00	18.72	18.72	9.00—20.00

## MAGNOLIA

Alabama.....	.....	.....	.....	\$15.91	\$15.91	\$15.00—\$16.00
Florida.....	.....	.....	.....	19.95	19.95	15.50—21.00
Georgia.....	.....	.....	.....	17.28	16.80	12.05—22.92
Louisiana.....	\$7.08	.....	\$1.50—\$9.47	20.15	20.15	11.54—26.50
Mississippi.....	.....	.....	.....	21.12	21.12	9.50—21.40
Ohio.....	16.00	.....	.....	25.00	25.00	.....
Tennessee.....	.....	.....	.....	18.00	18.00	.....
Virginia.....	4.00	.....	.....	.....	.....	.....
Average or spread.....	7.68	.....	1.50—15.00	19.68	19.69	9.50—26.50

## PERSIMMON

South Carolina.....	\$3.00	.....	.....	.....	.....	.....
Tennessee.....	.....	.....	.....	\$60.22	.....	\$50.00—\$80.00
Average or spread.....	3.00	.....	.....	60.22	.....	50.00—80.00

## BUCKEYE

Kentucky.....	.....	.....	.....	\$32.00	.....	.....
Tennessee.....	\$6.00	\$6.00	.....	19.00	\$19.00	.....
Average or spread.....	6.00	6.00	.....	19.18	19.00	\$19.00—\$32.00

## ALL SPECIES

Alabama.....	\$3.85	\$3.70	\$2.00—\$12.00	\$18.19	\$18.30	\$0.00—\$45.00
Arkansas.....	3.41	3.08	1.00—10.00	17.59	18.98	5.00—90.00
California.....	4.00	.....	.....	.....	.....	.....
Colorado.....	1.00	.....	.....	.....	.....	.....
Connecticut.....	4.45	4.45	3.00—8.00	28.21	25.00	26.00—28.50
Delaware.....	7.44	5.74	5.00—15.00	20.48	20.48	15.00—23.00
Florida.....	2.50	.....	.....	22.65	22.65	14.00—32.77
Georgia.....	5.47	3.01	2.00—7.50	19.90	22.60	6.00—31.50
Illinois.....	9.37	6.57	3.00—75.00	29.28	83.06	10.00—125.00
Indiana.....	13.78	13.34	1.07—100.00	24.22	47.48	10.00—200.00
Iowa.....	.....	.....	.....	24.85	46.03	10.00—105.00
Kansas.....	24.48	24.48	4.00—35.00	27.57	78.57	30.00—100.00
Kentucky.....	8.33	9.13	2.00—20.00	26.65	23.52	10.00—47.95
Louisiana.....	3.38	2.06	1.00—14.21	14.45	17.31	5.77—35.00

<sup>1</sup> Relatively large sales of the more valuable species throw State averages out of line.

<sup>2</sup> Large sales of the more valuable species throw State averages out of line.

TABLE 6.—*Prices per thousand feet board measure of hardwood stumpage and logs, individual sales, by species and States, 1930—Continued*

## ALL SPECIES—Continued

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Maine	\$5.64	\$10.20	\$3.00-\$12.00	\$21.79	\$31.08	\$10.00-\$55.00
Maryland	6.42	4.78	3.00-40.00	120.72	25.00	25.00-190.00
Massachusetts	10.32	10.32	5.00-20.00	32.87	20.31	8.00-160.00
Michigan	7.28	10.05	3.00-40.00	25.47	24.67	10.00-195.00
Minnesota	2.29	2.31	1.50-3.00	13.19	13.16	8.00-30.00
Mississippi	5.27	2.70	.50-10.00	18.83	18.28	3.00-45.00
Missouri	3.99	4.18	1.00-22.00	45.72	49.61	5.00-264.73
Nevada	3.00					
New Hampshire	6.48	6.43	3.00-15.00	24.46	25.05	15.00-32.00
New Jersey	13.34	9.66	7.00-20.00	33.03	33.63	25.00-40.00
New York	6.32	6.84	.50-30.00	27.43	24.06	8.00-150.00
North Carolina	3.65	3.90	.50-10.00	16.33	13.11	6.00-40.00
Ohio	10.72	7.27	1.50-75.00	58.18	45.73	10.00-420.60
Oklahoma	2.28	2.00	2.00-3.00	21.06	21.06	6.00-48.10
Oregon	2.05	1.38	1.00-3.50	14.20	14.22	10.00-25.00
Pennsylvania	6.50	4.87	1.00-25.00	20.12	25.41	8.00-85.00
Rhode Island	4.74	4.74	2.00-8.00			
South Carolina	3.44	4.25	1.00-6.50	21.68	23.57	7.00-32.00
Tennessee	7.08	4.85	2.00-40.00	27.09	23.51	7.00-80.00
Texas	4.35	3.92	1.47-7.07	15.77	15.15	7.50-23.00
Vermont	10.03	13.43	2.00-35.00	28.42	20.27	10.00-75.00
Virginia	6.07	4.13	.50-55.00	30.85	19.44	8.50-350.21
Washington	2.15	1.88	.95-10.00	17.07	15.09	9.00-175.00
West Virginia	5.41	6.40	2.00-10.00	37.53	27.82	7.00-134.00
Wisconsin	3.65	3.63	.50-15.00	28.57	24.52	10.00-160.00
Average or spread	6.40	5.76	.50-100.00	25.77	25.27	3.00-420.60

<sup>2</sup> Large sales of the more valuable species throw State averages out of line.

TABLE 7.—*Prices per thousand feet board measure of hardwood stumpage and logs, flat-rate sales, by States, 1930*

State	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$4.56	\$2.53	\$2.14-\$7.00	\$20.73	\$20.77	\$0.50-\$26.48
Arkansas	2.93	3.17	2.68-5.00	17.60		
Connecticut	5.91	5.93	4.00-12.00			
Delaware	10.00	10.00		23.31		22.50-33.00
Florida	5.00			18.98	18.08	
Georgia	4.15		4.00-6.00	12.67	12.67	
Illinois	5.37	5.00	5.00-6.00	15.00		
Indiana	7.32	10.38	5.00-20.00	37.82	37.82	22.00-40.00
Iowa	8.57	4.00	2.00-22.00			
Kentucky	5.65	5.83	1.50-10.00	24.90	18.00	18.00-25.44
Louisiana	3.73	3.89	2.00-8.00	15.72	15.72	13.22-18.50
Maine	5.62		2.50-8.00	30.44	20.00	20.00-32.00
Maryland	4.08	3.95	2.00-8.00	8.00	8.00	
Massachusetts	5.12	5.12	4.00-8.00	18.00		
Michigan	6.44	6.99	5.00-12.00	23.11	24.40	8.00-24.50
Mississippi	6.16	6.04	2.00-8.00	15.49	14.85	8.00-28.00
Missouri	3.71		2.00-6.00	10.00	10.00	
New Hampshire	3.11	4.00	1.00-4.00	18.00	18.00	
New Jersey	17.60					
New York	6.88	7.38	3.00-10.00	16.27	22.00	10.00-22.50
Ohio	5.15	4.04	2.00-12.50	32.05	32.05	
Oklahoma	2.25					
Pennsylvania	5.34	4.48	.50-10.00	19.17	19.01	8.50-35.00
Rhode Island				25.00	25.00	
South Carolina	4.08	3.60	3.50-6.00			
Tennessee	4.66	5.49	1.00-8.00	17.42	17.42	10.00-33.12
Texas	6.16	6.07	2.00-7.07	14.37	14.37	12.50-16.50
Vermont	4.77	4.61	4.00-10.00	23.51	15.34	14.00-30.00
Virginia	5.29	2.76	2.00-10.00	20.00		
West Virginia	4.37	3.88	2.20-10.00	14.40	14.44	8.00-15.74
Wisconsin	4.35	4.07	2.50-9.33	23.28	24.93	10.00-32.35
Average or spread	5.04	4.40	.50-22.00	19.75	18.35	6.50-40.00

TABLE 8.—*Prices per thousand feet board measure of hardwood stumppage and logs, all sales, by States, 1930*

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$4.39	\$3.22	\$2.00-\$12.00	\$18.77	\$18.94	\$6.00-\$45.00
Arkansas	3.35	3.08	1.00-10.00	17.58	18.98	5.00-90.00
California	4.00					
Colorado	1.00					
Connecticut	5.57	5.58	3.00-12.00	28.21	25.00	25.00-28.50
Delaware	8.23	7.55	5.00-15.00	20.80	20.48	15.00-33.00
Florida	3.73		2.50-5.00	22.39	22.39	14.00-32.77
Georgia	4.94		2.00-7.50	19.95	22.60	6.00-31.50
Illinois	8.71	5.43	3.00-75.00	2 58.76	83.60	10.00-125.00
Indiana	13.35	13.24	.67-100.00	2 53.96	47.29	10.00-200.00
Iowa	8.57	4.00	2.00-22.00	2 40.85	46.63	10.00-105.00
Kansas <sup>1</sup>	24.48	24.48	4.00-35.00	2 78.57	78.57	30.00-100.00
Kentucky	6.53	7.05	1.50-20.00	26.34	23.44	10.00-97.95
Louisiana	3.49	3.42	1.00-14.21	14.50	17.17	5.77-35.00
Maine	5.80	10.20	2.00-12.00	25.18	31.32	10.00-55.00
Maryland	4.88	4.16	2.00-40.00	2 101.84	13.28	8.00-190.00
Massachusetts	8.14	8.14	4.00-20.00	30.93	20.31	8.00-160.00
Michigan	7.11	9.04	2.50-40.00	25.38	24.06	8.00-195.00
Minnesota	2.29	2.31	1.50-3.00	13.10	13.16	8.00-30.00
Mississippi	5.82	3.68	5.00-10.00	17.52	17.19	3.00-45.00
Missouri	3.90	4.18	1.00-22.00	2 45.60	49.43	5.00-254.73
Nevada	3.00					
New Hampshire	4.72	5.35	1.00-15.00	22.68	24.82	15.00-32.00
New Jersey	14.90	9.68	7.00-20.00	33.03	33.63	25.00-40.00
New York	6.77	6.92	.50-30.00	26.25	23.84	8.00-150.00
North Carolina	3.65	3.90	.50-10.00	16.33	13.11	6.00-40.00
Ohio	9.23	6.37	1.50-75.00	2 54.00	43.20	10.00-420.60
Oklahoma	2.26	2.00	2.00-3.00	21.06	21.06	6.00-48.10
Oregon	2.05	1.38	1.00-3.50	14.20	14.22	10.00-25.00
Pennsylvania	5.97	4.69	1.00-25.00	25.24	23.34	8.00-85.00
Rhode Island	4.74	4.74	2.00-8.00	25.00		
South Carolina	3.61	3.50	1.00-6.50	21.58	23.57	7.00-32.00
Tennessee	6.87	4.96	1.00-40.00	23.79	21.00	7.00-80.00
Texas	5.57	5.21	1.47-7.07	15.39	14.90	7.50-23.00
Vermont	7.56	8.91	2.00-35.00	26.44	19.87	10.00-75.00
Virginia	5.80	3.98	.50-55.00	30.81	19.44	8.50-359.21
Washington	2.15	1.88	.95-10.00	17.07	15.00	9.00-175.00
West Virginia	4.48	3.88	2.00-10.00	35.14	25.90	7.00-134.00
Wisconsin	4.07	3.86	.50-15.00	28.07	24.56	10.00-150.00
Average or spread	5.84	5.21	.50-100.00	24.98	24.40	3.00-420.60

<sup>1</sup> Relatively large sales of the more valuable species throw State averages out of line.<sup>2</sup> Large sales of the more valuable species throw State averages out of line.TABLE 9.—*Prices per thousand feet board measure of mixed hardwood and softwood stumppage and logs, flat-rate sales, by States, 1930*

State	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Alabama	\$5.74	\$4.59	\$1.25-\$8.00	\$22.56	\$22.56	\$9.00-\$30.00
Arkansas	4.19	3.85	1.00-10.00	13.70	13.70	7.00-17.00
Connecticut	4.44	4.22	3.00-.70			
Florida	4.60		3.00-5.50	19.91		19.88-20.00
Georgia	5.72	5.15	1.00-7.00	16.95	16.73	9.20-20.00
Kentucky	5.00	5.00				
Louisiana	5.29	3.85	2.00-8.20	10.33	10.13	10.00-22.00
Maine	6.71	7.39	5.00-10.00	22.55	22.55	15.00-25.00
Maryland	6.04	6.04	3.00-10.00			
Massachusetts	8.16	8.57	4.00-11.00	19.02	19.04	14.00-20.00
Michigan	11.27		2.50-18.00	21.35	21.35	18.00-23.50
Minnesota	4.65		2.00-10.00	18.00	18.00	
Mississippi	6.38	2.99	1.00-10.00	17.30	17.30	10.73-19.20
Missouri	2.11	2.60	.90-6.00			
New Hampshire	4.00	4.66	2.00-8.87	16.24	16.24	16.00-16.50
New York	7.84	6.90	4.00-12.00	39.16	22.11	10.00-45.00
North Carolina	4.04	3.97	2.00-13.00	12.94	12.94	11.00-16.00
Ohio	6.18	3.80	2.78-8.75			
Pennsylvania	5.06	5.52	3.50-9.02	19.23	19.23	12.00-25.00
Rhode Island	6.00	6.00				
South Carolina	2.35		1.50-5.00	13.96	13.96	13.96-18.00
Tennessee	6.35	7.22	1.00-8.40	21.25	20.87	8.00-31.54
Texas	4.25	1.63	1.00-8.57	12.69	12.69	10.00-13.00
Vermont	3.38	5.20	2.00-8.00	18.35	17.91	17.00-20.00
Virginia	7.22	3.92	2.00-16.60	18.36	18.36	12.30-30.00
West Virginia	4.90	3.39	1.47-6.67	9.57	9.57	9.00-10.00
Wisconsin	5.72	5.00	3.55-8.00	20.24	20.24	20.00-21.20
Average or spread	5.28	4.70	.90-18.00	18.75	18.12	7.00-45.00

TABLE 10.—*Prices of stumpage, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1930*

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.....	\$2.96	\$2.54	\$3.85	\$3.70	\$3.82	\$3.39	\$4.56	\$2.53	\$5.74	\$4.50	\$3.20	\$2.79	\$4.39	\$3.22	\$3.91	\$2.96	\$1.00-\$16.66
Arizona.....	2.44										2.44				2.44		2.00-2.50
Arkansas.....	3.55	3.46	3.41	3.08			2.93	3.17	4.19	3.85	3.55	3.46	3.35	3.08	3.75	3.56	1.00-10.00
California.....	3.14	1.78	4.00		2.04						2.77	1.78	4.00		2.77	1.78	.50-7.00
Colorado.....	3.04	4.00	1.00		3.14						3.05	4.00	1.00		3.04	4.00	1.00-4.00
Connecticut.....	5.72	5.72	4.45	4.45			5.91	5.93	4.44	4.22	5.72	5.57	5.58	5.12	5.08	3.00-12.00	
Delaware.....	6.41	5.71	7.44	5.74			10.00	10.00			6.41	5.71	8.23	7.55	7.16	6.41	5.00-15.00
Florida.....	6.25	3.43	2.50		5.40		5.00		4.60		6.20	3.43	3.73		5.77	3.43	2.50-10.00
Georgia.....	3.10	3.02	5.47	3.01	3.18	2.76	4.15		5.72	5.15	3.11	2.97	4.94	3.01	4.35	3.77	.50-10.00
Idaho.....	3.47	4.69			.66	1.41					2.29	4.43			2.29	4.43	.35-6.25
Illinois.....		9.37	6.57				5.37	5.00					8.71	5.43	8.71	5.43	3.00-75.00
Indiana.....		13.78	13.34				7.32	10.38					13.35	13.24	13.35	13.24	.67-100.00
Iowa.....							8.57	4.00					8.57	4.00	8.57	4.00	2.00-22.00
Kansas <sup>1</sup> .....		24.48	24.48								24.48	24.48	24.48	24.48	24.48	24.48	4.00-35.00
Kentucky.....	2.44	2.00	8.33	9.13	6.46		5.65	5.83	5.00	5.00	3.29	2.00	6.53	7.05	6.42	6.27	1.50-20.00
Louisiana.....	5.03	3.67	3.38	2.66	4.35	7.71	3.73	3.89	5.29	3.85	4.92	3.78	3.49	3.42	4.39	3.71	1.00-18.95
Maine.....	9.00	8.79	5.64	10.20	7.82	6.68	5.92		6.71	7.39	8.48	8.55	5.80	10.20	8.31	8.43	2.00-15.00
Maryland.....	4.69	4.19	6.42	4.78			4.08	3.95	6.04	6.04	4.69	4.19	4.88	4.16	5.05	4.53	.80-40.00
Massachusetts.....	7.60	7.62	10.32	10.32	5.48	5.48	5.12	5.12	8.16	8.57	7.54	7.57	8.14	8.14	7.78	7.87	4.00-20.00
Michigan.....	2.85	5.28	7.28	10.05			6.44	6.99	11.27		2.85	5.28	7.11	9.04	5.55	8.60	.50-40.00
Minnesota.....	2.60	2.21	2.29	2.31					4.65		2.60	2.21	2.29	2.31	3.25	2.27	1.50-10.00
Mississippi.....	3.64	3.11	5.27	2.70	4.38	2.24	6.16	5.04	6.38	2.99	3.71	3.03	5.82	3.68	4.27	3.12	.50-12.50
Missouri.....	4.20	1.97	3.99	4.18			3.71		2.11	2.60	4.20	1.97	3.96	4.18	3.55	3.41	.50-22.00
Montana.....	2.18				1.28						1.85				1.85		.14-5.00
Nevada.....			3.00									3.00		3.00			
New Hampshire.....	8.16	8.16	6.48	6.43	5.12	5.12	3.11	4.00	4.60	4.66	8.02	8.02	4.72	5.35	6.92	6.99	1.00-15.00
New Jersey.....			13.34	9.66			17.50						14.90	9.66	14.90	9.66	7.00-20.00
New Mexico.....				2.55							2.58				2.58		1.00-3.28
New York.....	5.57	5.59	6.32	6.84			6.88	7.38	7.84	6.90	5.57	5.59	6.77	6.92	7.16	6.74	.50-30.00
North Carolina.....	4.24	4.17	3.65	3.90	4.07	3.56			4.04	3.97	4.20	4.12	3.65	3.90	4.11	4.10	.50-13.00
Ohio.....	5.00		10.72	7.27			5.15	4.64	6.18	3.89	5.00		9.23	6.37	9.15	6.27	1.50-75.00
Oklahoma.....	2.66	2.58	2.28	2.00			2.25				2.66	2.58	2.26	2.00	2.63	2.56	1.00-4.00
Oregon.....	2.38	1.29	2.05	1.38	2.38	1.04					2.38	1.28	1.05	1.38	2.38	1.28	.20-12.00
Pennsylvania.....	7.10	6.69	6.50	4.87	11.00	11.00	5.31	4.48	5.66	5.52	7.34	7.15	5.97	4.69	6.07	5.13	1.00-25.00
Rhode Island.....	8.57	6.00	4.74	4.74					6.00	6.00	8.57	6.00	4.74	4.74	6.44	5.38	2.00-10.00
South Carolina.....	4.64	4.17	3.44	4.25	4.57	3.26	4.08	3.50	2.35		4.62	4.04	3.61	3.50	3.97	3.98	1.00-10.00

Tennessee-----	2.02	4.54	7.08	4.85	4.56	5.49	6.35	7.22	2.02	4.54	6.87	4.96	6.14	5.56	1.00- 40.00
Texas-----	4.64	3.68	4.35	3.92	7.93	3.04	6.15	6.07	4.25	1.53	5.31	3.60	5.57	5.21	4.87 3.58 1.00- 12.00
Vermont-----	5.36	6.17	10.03	13.43	6.66	6.66	4.77	4.61	3.38	5.29	5.67	6.32	7.56	8.91	5.16 7.02 2.00- 35.00
Virginia-----	4.76	4.83	6.07	4.13	5.29	2.76	7.22	3.92	4.76	4.83	5.80	3.98	6.12	4.49	.50- 55.00
Washington-----	2.81	2.28	2.15	1.88	2.76	1.20	4.37	3.88	4.90	3.39	2.79	1.70	2.15	1.88 2.79 1.70 .28- 10.00	
West Virginia-----	2.97	5.00	5.41	5.40	4.35	4.07	5.72	5.00	1.33	2.97	5.00	4.07	3.86	4.71 3.93 1.47- 10.00	
Wisconsin-----	8.00	8.00	3.65	3.53	1.21	4.35	4.07	5.72	1.33	8.00	4.07	5.29	4.01	.50- 15.00	
Wyoming-----	2.50	2.50	1.00						1.43	2.50			1.43	2.50	1.00- 2.50
Average or spread-----	3.07	3.40	6.40	5.76	2.64	1.76	5.04	4.40	5.28	4.70	2.93	2.97	5.84	5.21	3.27 3.42 .14-100.00

<sup>1</sup> Aggregate total thrown out of line because of a few large sales of the more valuable species.

TABLE 11.—*Prices of logs, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1930*

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-----	\$11.76	\$11.76	\$18.19	\$18.36	\$10.45	\$10.45	\$20.73	\$20.77	\$22.56	\$22.56	\$11.75	\$11.75	\$18.77	\$18.94	\$16.59	\$16.58	\$5.00-\$45.00		
Arkansas-----	12.65	12.65	17.55	18.98	14.00	14.00			13.70	13.70	12.65	12.65	17.55	18.98	15.15	14.70	5.00- 90.00		
California-----	15.43	15.26									15.31	15.15			15.31	15.15	9.00- 34.00		
Connecticut-----			28.21	25.00									28.21	25.00	25.00	25.00- 28.50			
Delaware-----	10.00	10.00	20.48	20.48			23.31				10.00	10.00	20.86	20.48	19.40	18.89	10.00- 33.00		
Florida-----	15.65	15.65	22.65	22.65	16.40	16.40	18.98	18.98	19.91		15.70	15.70	22.39	22.30	19.47	19.37	10.00- 32.77		
Georgia-----	16.08	15.94	19.98	22.69	11.87	11.31	12.67	12.67	16.95	16.73	14.11	14.08	19.95	22.69	16.86	17.50	4.00- 31.50		
Idaho-----	13.02	13.50			9.58	9.58					13.00	13.48			13.00	13.48	5.00- 21.00		
Illinois <sup>1</sup> -----	18.93	18.93	69.28	83.66			15.00				18.93	18.93	58.76	83.66	58.18	82.05	10.00-125.00		
Indiana <sup>1</sup> -----			54.22	47.48			37.82	37.82					53.96	47.29	53.96	47.29	10.00-200.00		
Iowa <sup>1</sup> -----			40.85	46.63									40.85	46.63	40.85	46.63	10.00-105.00		
Kansas <sup>1</sup> -----			78.57	78.57									78.75	78.57	78.57	78.57	30.00-100.00		
Kentuck-----	24.96	24.96	26.55	23.52	30.62		24.90	18.00			24.99	24.96	26.34	23.44	26.19	28.69	10.00- 97.95		
Louisian-----	13.44	13.41	14.48	17.31	12.13	12.13	15.72	15.72	10.33	10.13	13.11	13.09	14.50	17.17	13.70	14.24	5.77- 35.00		
Maine-----	16.93	16.35	21.79	31.68	17.89	18.04	30.44	20.00	22.55	22.55	17.00	16.50	25.18	31.32	19.37	17.54	4.50- 55.00		
Maryland-----	20.00	20.00	129.72	25.00			8.00	8.00			20.00	20.00	101.84	13.28	93.43	15.00	8.00-190.00		
Massachusetts-----	17.14	17.03	32.87	20.31	12.25		18.00				19.02	19.04	17.05	16.93	30.93	20.31	17.69	17.31	8.00-160.00
Michigan-----	17.49	18.97	25.47	24.67			23.11	24.40	21.35	21.35	17.49	18.97	25.38	24.66	23.97	23.80	8.00-195.00		
Minnesota-----	25.08	25.70	13.19	13.16	18.00	18.00			18.00	18.00	25.07	25.69	13.19	13.16	21.13	21.14	8.00- 50.00		
Mississippi-----	15.13	13.19	18.83	18.28	15.84	15.84	15.49	14.85	17.30	17.30	15.27	13.71	17.52	17.19	16.67	15.83	3.00- 45.00		
Missouri <sup>1</sup> -----	16.09	16.08	45.72	49.61			10.00	10.00			16.09	16.08	45.60	49.43	39.01	40.39	5.00-234.73		

<sup>1</sup> Aggregate totals thrown out of line because of large sales of the more valuable species.

TABLE 11.—*Prices of logs, per thousand feet board measure; softwoods, hardwoods, and mixed, by States and type of sale, 1930—Continued*

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		
Montana.....	\$13.42	\$14.17			\$11.81	\$11.81					\$13.33	\$14.02			\$13.33	\$14.02	\$6.00-\$19.50		
New Hampshire.....	13.70	13.83	\$24.46	\$25.05	15.00	15.00	\$18.00	\$18.00	\$16.24	\$16.24	13.71	13.85	\$22.68	\$21.82	14.32	14.57	8.00-32.00		
New Jersey.....			33.63	33.63									33.63	33.63	33.63	33.63	25.00-40.00		
New York.....	20.49	20.37	27.43	24.06			16.27	22.00	39.16	22.11	20.49	20.37	26.25	23.84	28.81	22.17	8.00-150.00		
North Carolina.....	13.96	13.86	16.33	13.11	13.34	13.32			12.94	12.94	13.80	13.70	16.33	13.11	14.35	13.54	5.00-43.35		
Ohio <sup>1</sup> .....			58.18	45.73				32.05	32.05					54.00	43.20	54.00	43.20	10.00-420.60	
Oklahoma.....	13.62	13.62	21.06	21.06							13.62	13.62	21.06	21.06	18.26	18.26	6.00-48.10		
Oregon.....	14.54	15.26	14.20	14.22	12.61	12.61					14.40	15.04	14.20	14.22	14.40	15.03	2.00-55.62		
Pennsylvania.....	20.22	23.10	26.12	25.41					19.17	19.01	19.23	19.23	20.22	23.10	25.24	23.34	24.25	22.88	8.00-55.00
Rhode Island.....									25.00	25.00					25.00	25.00	25.00	25.00	
South Carolina.....	14.60	14.86	21.58	23.57	13.59	13.92			13.96	13.96	14.13	14.44	21.58	23.57	16.03	16.30	7.00-32.00		
Tennessee.....	13.88	13.87	27.09	23.51			17.42	17.42	21.25	20.87	13.88	13.87	23.79	21.09	22.16	20.35	6.50-80.00		
Texas.....	11.47	11.43	15.77	15.15	15.61	15.61	14.37	14.37	12.69	12.69	13.67	13.80	15.39	14.90	14.14	14.03	3.00-23.00		
Vermont.....	20.09	20.31	28.42	20.27	15.48	15.48	23.51	15.34	18.35	17.91	19.76	19.94	26.44	19.87	23.38	19.59	10.00-75.00		
Virginia.....	18.20	15.30	30.85	19.44				20.00			18.36	18.36	18.20	15.30	30.81	19.44	26.61	17.92	6.00-359.21
Washington.....	13.99	14.36	17.07	15.09	11.48	12.46							13.89	14.29	17.07	15.09	13.90	14.29	3.30-175.00
West Virginia <sup>1</sup> .....	68.62	40.00	37.53	27.82	24.52	15.00	15.00	23.28	24.93	14.44	9.57	68.62	17.94	35.14	25.96	31.79	22.74	7.00-134.00	
Wisconsin.....	17.20	17.74	28.57								20.24	20.24	17.20	17.73	28.07	24.56	23.84	22.08	7.00-150.00
Average or spread.....	14.20	14.63	25.77	25.27	12.34	12.84	19.75	18.35	18.75	18.12	14.09	14.52	24.98	24.40	15.03	15.25	2.00-420.60		

<sup>1</sup>Aggregate totals thrown out of line because of large sales of the more valuable species.

TABLE 12.—*Prices per thousand feet board measure of softwood and hardwood stumppage and logs, by regions, species, and type of sale, 1930*

## REGION 0—NORTHEASTERN

Species and type of sale	Stumppage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Norway pine.....	\$12.00	\$12.06	\$2.00-\$20.00	\$12.32	\$12.22	\$12.00-\$18.00
Northern white pine.....	8.33	8.27		15.88	16.10	7.50-35.00
Pitch pine.....				15.72	15.72	14.00-16.00
Eastern spruce.....	9.07	8.90	4.00-15.00	19.89	20.66	9.00-30.00
Eastern hemlock.....	5.63	5.65	2.00-15.00	15.27	15.24	4.50-29.00
Balsam fir.....	8.07	8.28	5.00-10.00	20.91	16.83	11.00-26.00
Northern white cedar.....	7.63	7.04	4.50-15.00	15.85	16.93	12.00-29.00
Individual softwoods.....	8.35	8.21	2.00-20.00	16.80	16.72	4.50-35.00
Flat-rate softwoods.....	7.64	6.22	2.50-14.00	17.20	17.46	12.00-25.00
Total softwoods.....	8.15	8.05	2.00-20.00	16.83	16.77	4.50-35.00
Oak <sup>1</sup> .....	8.81	9.17	4.63-20.00	22.51	19.71	15.00-35.00
Red oak.....	5.42	5.18	3.00-12.00	22.31	21.43	12.00-60.00
White oak.....	5.79	5.79	3.00-10.00	69.15	18.88	18.00-160.00
Soft maple.....	8.61	8.00	8.00-10.00	30.00		
Hard maple.....	8.52	3.00	3.00-10.00	37.38	20.33	20.00-80.00
Maple <sup>1</sup> .....	5.23	5.34	1.00-25.00	22.85	21.82	14.00-50.00
Elm <sup>1</sup> .....	15.40	15.70	4.00-25.00	26.97	18.77	10.00-45.00
Ash.....	23.24	22.57	3.00-35.00	57.45	27.38	15.00-75.00
Black walnut.....	5.00	5.00		150.00		
Aspen.....	5.00	5.00			14.71	10.00-22.00
Yellow poplar.....				65.00		
Birch <sup>1</sup> .....	5.47	4.86	2.00-12.00	24.56	28.24	10.00-60.00
Hickory.....				25.00	25.00	
Cherry.....	18.20	18.20	8.00-25.00	38.53	29.27	10.00-60.00
Basswood.....	7.30	10.35	4.25-18.00	26.56	22.74	8.00-55.00
Chestnut.....	4.80	4.92	3.00-10.00	42.28	15.28	15.00-50.00
Beech.....	3.63	4.41	.50-8.00	18.78	16.17	12.00-30.00
Individual hardwoods.....	7.40	8.24	.50-35.00	25.84	23.32	8.00-160.00
Flat-rate hardwoods.....	6.31	5.35	1.00-12.00	26.01	20.50	10.00-32.00
Total hardwoods.....	6.66	6.97	.50-35.00	25.90	22.99	8.00-160.00
Flat-rate mixed.....	5.61	5.64	2.00-12.00	25.51	18.90	10.00-45.00
Average or spread.....	7.29	7.33	.50-35.00	20.66	17.89	4.50-160.00

## REGION 1—NORTH ATLANTIC

Northern white pine.....	\$7.50	\$6.12	\$3.20-\$15.00	\$22.39	\$22.39	\$17.00-\$25.00
Short-leaf pine.....	5.88	5.55	.80-20.00	15.34	15.52	8.00-20.50
Eastern hemlock.....	6.16	7.95	5.00-22.00	20.78	21.61	15.00-32.00
Cypress.....				25.00	25.00	
Individual softwoods.....	6.46	5.71	.80-22.00	10.94	22.40	8.00-32.00
Flat-rate softwoods.....	11.00	11.00				
Total softwoods.....	6.65	6.02	.80-22.00	19.94	22.40	8.00-32.00
Oak <sup>1</sup> .....	6.66	5.58	3.00-20.00	24.43	22.78	15.00-40.00
Red oak.....	5.17	4.26	2.50-16.00	32.20	23.01	10.00-50.00
White oak.....	8.49	4.76	4.50-25.00	32.76	18.26	10.00-69.00
Hard maple.....				12.00	12.00	
Maple <sup>1</sup> .....	9.14	5.21	3.00-15.00	30.54	26.94	10.00-45.00
Elm <sup>1</sup> .....	5.65	4.00	2.50-9.00			
Ash.....	11.82	12.86	10.00-15.00	48.56	52.34	15.00-55.00
Black walnut.....	40.00		5.00-40.00	185.31		35.00-190.00
Iced gum.....	4.67	4.67	4.00-5.00	10.15	10.15	19.00-25.00
Sycamore.....	3.00	3.00				
Yellow poplar.....	5.25	3.50	2.50-10.00	32.17	27.25	14.00-55.00
Birch <sup>1</sup> .....	4.18	4.00	4.00-13.00			
Hickory.....	5.79	5.33	4.00-10.00	65.36	35.00	35.00-85.00
Cherry.....	5.83	4.67	4.00-18.00	31.04	31.04	25.00-35.00
Basswood.....	10.85	10.00	10.00-17.50	20.71	20.71	16.00-32.50
Chestnut.....	3.51	3.31	1.00-8.00	18.37	13.69	8.00-35.00
Beech.....	6.14	3.69	2.00-12.50	23.53	20.38	15.00-25.00
Individual hardwoods.....	6.66	4.95	1.00-40.00	30.94	25.84	8.00-190.00
Flat-rate hardwoods.....	5.32	4.41	.50-17.50	18.27	17.95	8.00-35.00
Total hardwoods.....	6.02	4.67	.50-40.00	29.32	23.51	8.00-190.00
Flat-rate mixed.....	5.72	5.64	3.00-10.00	19.23	10.23	12.00-25.00
Average or spread.....	6.06	5.06	.50-40.00	27.62	22.03	8.00-190.00

<sup>1</sup>Species not reported.

## 34 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 12.—*Prices per thousand feet board measure of softwood and hardwood stumpage and logs, by regions, species, and type of sale, 1930—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.....	\$2.02	\$2.17	\$1.50- \$5.00	\$27.69	\$27.75	\$17.00-\$20.00
Jack pine.....	3.83	5.00	3.50- 5.00	20.77	23.00	12.50- 50.00
Northern white pine.....	10.81	10.00	8.00- 15.00	26.43	26.43	10.00- 38.69
Tamarack.....	3.30	8.00	2.00- 8.00	20.87	20.48	10.00- 30.00
Eastern spruce.....	2.07	—	2.00- 10.00	21.06	21.82	10.00- 32.00
Eastern hemlock.....	2.83	6.15	2.00- 8.00	15.19	15.05	7.00- 20.00
Balsam fir.....	.56	3.00	.50- 4.00	14.19	14.19	10.00- 10.30
Northern white cedar.....	2.03	2.00	1.00- 7.00	15.80	14.00	13.51- 18.00
Individual softwoods.....	2.83	2.89	.50- 15.00	18.13	19.87	7.00- 50.00
Flat-rate softwoods.....	1.21	—	—	15.50	15.50	15.00- 18.00
Total softwoods.....	2.72	2.89	.50- 15.00	18.13	19.27	7.00- 50.00
Oak <sup>1</sup> .....	14.45	15.00	8.00- 20.00	30.89	27.21	15.00- 65.00
Red oak.....	5.95	5.95	2.00- 20.00	47.98	39.11	18.00- 92.63
White oak.....	13.20	20.00	3.00- 20.00	48.26	17.81	15.00- 81.00
Soft maple.....	12.00	12.00	—	23.36	23.03	20.00- 36.00
Hard maple.....	24.00	21.87	20.00- 25.00	26.85	26.51	19.00- 195.00
Maple <sup>1</sup> .....	5.80	8.65	4.00- 12.00	24.20	23.70	15.00- 106.00
Elm <sup>1</sup> .....	7.74	8.72	5.00- 20.00	24.51	24.29	10.00- 37.50
Rock elm.....	—	—	—	27.96	27.96	22.42- 30.00
Ash.....	8.01	21.00	3.00- 30.00	24.14	22.74	12.00- 50.00
Black walnut.....	40.00	—	—	122.02	35.00	35.00- 150.00
Butternut.....	20.00	—	—	30.71	26.00	23.00- 38.00
Sycamore.....	10.00	—	—	—	—	—
Aspen.....	2.23	2.20	.50- 10.00	12.06	12.07	8.00- 18.00
Yellow poplar.....	24.81	20.00	20.00- 25.00	36.50	—	—
Birch <sup>1</sup> .....	7.43	9.74	2.53- 12.00	30.01	27.30	12.00- 60.00
Hickory.....	14.72	—	10.00- 15.00	25.00	25.00	—
Cherry.....	20.00	20.00	—	30.67	24.12	23.00- 41.00
Basswood.....	7.03	14.46	10.00- 25.00	30.14	24.62	10.00- 54.00
Beech.....	7.40	10.82	4.00- 13.00	20.25	20.26	15.00- 35.00
Individual hardwoods.....	6.66	5.27	.50- 40.00	25.93	24.45	8.00- 195.00
Flat-rate hardwoods.....	5.99	5.18	2.50- 12.00	23.18	24.65	8.00- 32.35
Total hardwoods.....	6.51	5.24	.50- 40.00	25.79	24.46	8.00- 195.00
Flat-rate mixed.....	6.06	5.00	2.00- 18.00	21.15	21.15	18.00- 28.50
Average or spread.....	5.27	4.76	.50- 40.00	23.84	23.81	7.00- 195.00

## REGION 3—CENTRAL

Northern white pine.....	\$2.85	—	\$2.50- \$5.00	\$12.70	\$12.70	\$12.50-\$25.00
Shortleaf pine.....	3.92	\$3.34	1.00- 18.00	14.85	14.85	6.00- 40.00
Eastern hemlock.....	1.00	—	—	10.29	10.29	10.00- 20.00
Cypress.....	1.64	1.32	.50- 3.00	15.18	15.08	8.00- 20.00
Eastern red cedar.....	—	—	—	43.00	42.60	20.00- 71.00
Individual softwoods.....	2.93	2.91	.50- 18.00	16.68	16.47	8.00- 40.00
Flat-rate softwoods.....	6.46	—	5.00- 7.50	30.62	—	—
Total softwoods.....	2.97	2.91	.50- 18.00	16.68	16.47	8.00- 40.00
Oak <sup>1</sup> .....	8.43	7.58	1.50- 35.00	25.29	21.58	8.00- 60.00
Red oak.....	6.18	5.43	1.00- 20.00	21.68	21.73	5.00- 53.71
White oak.....	10.46	9.68	2.00- 30.00	34.64	34.78	5.00- 63.99
Willow.....	—	—	—	17.44	17.44	—
Soft maple.....	14.17	12.09	6.00- 18.00	25.68	25.68	10.00- 35.00
Hard maple.....	17.87	20.00	10.00- 25.00	30.40	30.40	12.00- 45.00
Maple <sup>1</sup> .....	9.90	8.07	1.60- 25.00	33.74	25.03	12.00- 150.00
Elm <sup>1</sup> .....	12.01	8.92	1.00- 20.00	23.95	23.95	10.00- 40.00
Ash.....	27.24	26.06	2.00- 40.00	27.81	26.81	17.00- 80.00
Black walnut.....	43.06	36.04	4.00- 100.00	109.53	97.90	10.98- 420.60
Butternut.....	—	—	—	21.00	21.00	—
Red gum.....	4.90	4.08	.75- 15.00	22.06	18.73	5.00- 60.00
Tupelo gum.....	—	—	—	15.00	—	—
Black gum.....	—	—	—	16.00	16.18	8.00- 17.42
Sycamore.....	7.01	5.19	2.00- 15.00	23.08	16.85	9.00- 32.00

<sup>1</sup> Species not reported.

TABLE 12.—*Prices per thousand feet board measure of softwood and hardwood stumps and logs, by regions, species, and type of sale, 1930—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
Cottonwood	\$6.34	\$6.33	\$2.50-\$10.00	\$20.33	\$15.34	\$10.00-\$45.00
Yellow poplar	11.84	9.30	1.50-30.00	37.20	25.52	10.00-65.00
Birch <sup>1</sup>	6.00			14.67	14.67	5.00-24.00
Hickory	11.00	7.94	1.75-30.00	25.96	20.69	8.00-40.00
Cherry	12.22	10.06	3.00-20.00	83.21	47.50	40.00-100.00
Basswood	13.32	8.48	2.50-25.00	20.18	28.71	15.00-100.00
Chestnut	3.74	4.64	2.00-25.00	19.90	20.08	8.00-40.00
Beech	5.79	3.42	.67-20.00	19.20	18.40	7.00-35.00
Hackberry	17.50	10.00	10.00-25.00	17.40	17.40	
Magnolia	15.00			18.30	18.30	18.00-25.00
Persimmon				60.22		50.00-80.00
Buckeye	6.00	6.00		19.18	19.00	19.00-32.00
Individual hardwoods	9.31	7.53	.67-100.00	38.57	34.98	5.00-420.60
Flat-rate hardwoods	4.80	4.40	1.00-20.00	19.30	18.85	8.00-40.00
Total hardwoods	7.44	6.55	.67-100.00	34.75	31.47	5.00-420.60
Flat-rate mixed	5.25	4.11	.90-8.75	20.89	20.50	8.00-31.54
Average or spread	6.49	5.81	.50-100.00	30.78	27.71	5.00-420.60

## REGION 4—NORTH CAROLINA PINE

Northern white pine	\$4.52	\$4.50	\$0.50-\$0.00	\$16.50	\$16.50	\$13.00-\$20.00
Longleaf pine	11.83		10.00-12.00	15.63	15.63	12.00-16.00
Shortleaf pine	4.41	4.44	.63-9.00	13.47	13.64	5.00-25.00
Eastern spruce				20.50		
Eastern hemlock	3.75		.50-7.00	17.50		
Cypress	6.18	3.30	2.50-6.75	10.47	16.25	12.00-30.00
Eastern red cedar	8.90	9.50	7.00-10.00	43.35	43.35	
Individual softwoods	4.57	4.43	.50-12.00	14.48	14.30	5.00-43.35
Flat-rate softwoods	4.42	3.37	1.34-6.00	13.48	13.64	7.75-17.50
Total softwoods	4.54	4.35	.50-12.00	14.14	14.07	5.00-43.35
Oak <sup>1</sup>	5.33	5.10	.50-15.00	22.24	21.20	12.00-35.00
Red oak	4.49	4.60	2.00-7.00	14.70	13.19	8.50-26.00
White oak	5.24	4.09	1.00-10.00	16.04	14.95	9.00-50.00
Maple <sup>1</sup>	3.87	3.00	2.50-10.00	21.70	21.17	12.00-30.00
Elm <sup>1</sup>	3.00			28.62	17.20	13.00-30.00
Ash	6.47	5.00	4.00-10.00	28.00	28.32	15.00-32.00
Black walnut	53.62		8.00-55.00	147.00	40.00	40.00-359.21
Red gum	3.34	2.12	1.50-6.00	18.49	21.48	11.00-35.00
Tupelo gum	3.43	3.00	3.00-3.50	15.33	15.19	13.70-18.00
Black gum	2.50	2.50				
Sycamore				21.53	21.53	17.00-23.51
Cottonwood				19.73	19.73	13.00-24.00
Yellow poplar	6.20	3.85	1.00-15.00	25.09	20.22	7.00-278.08
Birch <sup>1</sup>	.50			12.00	12.00	
Hickory	4.88	4.38	1.50-7.00	25.38	25.38	10.00-30.00
Cherry	4.00					
Basswood	4.00			20.00	20.00	
Chestnut	2.11	1.88	.50-4.00	8.67	14.00	6.00-14.00
Beech				20.00	20.00	
Magnolia	4.00					
Persimmon	3.00					
Individual hardwoods	4.74	4.07	.50-55.00	22.34	20.47	6.00-359.21
Flat-rate hardwoods	4.84	3.30	2.00-10.00	20.00		
Total hardwoods	4.77	3.80	.50-55.00	22.34	20.47	6.00-359.21
Flat-rate mixed	5.29	3.93	1.50-16.60	14.28	14.28	11.00-30.00
Average or spread	4.85	4.24	.50-55.00	16.72	15.18	5.00-359.21

<sup>1</sup> 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, 1930—Continued*

## REGION 5—SOUTHERN PINE

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Longleaf pine.....	\$6.71	\$6.12	\$2.00-\$16.88	\$10.50	\$15.12	\$12.00-\$52.20
Shortleaf pine.....	3.57	3.11	.50-18.95	12.00	12.01	3.00-25.06
Cypress.....	6.78	4.39	2.00-9.00	18.33	18.39	7.50-30.00
Eastern red cedar.....	7.00	10.00	5.00-10.00	24.05	24.06	20.00-32.50
Individual softwoods.....	3.07	3.17	.50-18.95	13.56	13.15	3.00-52.26
Flat-rate softwoods.....	4.46	3.32	1.00-15.00	13.80	13.03	5.00-24.40
Total softwoods.....	4.05	3.19	.50-18.95	13.03	13.31	3.00-52.26
Oak <sup>1</sup> .....	2.32	3.12	1.00-5.00	18.02	10.02	0.00-28.00
Red oak.....	5.75	4.28	2.00-11.84	15.04	18.49	10.00-24.00
White oak.....	6.46	4.21	2.00-14.21	18.82	17.71	6.49-27.50
Willow.....				12.74	14.56	5.00-21.00
Soft maple.....				15.00	15.00	
Maple <sup>1</sup> .....				19.92	19.90	9.00-26.00
Elm <sup>1</sup> .....	3.17	3.47	1.47-3.50	17.02	18.05	0.00-22.51
Ash.....	7.86	4.45	1.50-9.00	28.71	27.46	9.00-45.00
Black walnut.....				74.86	40.03	17.00-134.00
Red gum.....	4.12	2.80	.50-12.00	18.31	19.45	3.00-41.00
Tupelo gum.....	2.88	2.62	2.25-6.70	14.33	16.11	8.00-25.00
Black gum.....	3.19		1.50-4.74	12.01	10.61	5.77-20.00
Sycamore.....	2.33	2.33		16.28	16.36	10.00-21.62
Locust.....				9.27	9.27	9.00-14.00
Cottonwood.....	2.49	2.49	2.00-8.00	14.64	15.83	6.00-23.00
Yellow poplar.....	6.62	3.53	2.00-7.60	21.11	21.53	6.00-26.00
Birch <sup>1</sup> .....	1.50	1.50		13.00	13.00	
Pecan.....	1.09			16.42	15.42	9.00-17.00
Hickory.....	8.22	5.61	3.00-11.84	24.85	23.07	12.50-30.00
Cherry.....				28.08	28.08	15.00-29.00
Basswood.....				17.29	17.29	13.00-23.12
Beech.....	3.56		1.50-4.74	16.14	15.04	5.77-21.34
Hackberry.....				18.76	18.76	9.00-20.00
Magnolia.....	7.68		1.50-9.47	19.83	19.84	9.50-26.50
Individual hardwoods.....	3.56	2.99	.50-14.21	17.66	19.11	3.00-134.00
Flat-rate hardwoods.....	4.39	4.08	2.00-8.00	16.25	16.10	6.50-28.00
Total hardwoods.....	3.89	3.46	.50-14.21	17.44	18.58	3.00-134.00
Flat-rate mixed.....	5.08	4.45	1.00-10.00	17.45	17.31	7.00-30.00
Average or spread.....	4.30	3.45	.50-18.95	15.84	15.78	3.00-134.00

## REGION 6—PACIFIC NORTHWEST

Western yellow pine.....	\$3.39	\$2.00	\$1.00-\$6.50	\$13.12	\$13.14	\$6.73-\$16.00
Western white pine.....	3.54		1.06-6.00	16.98	17.04	8.00-20.00
Sugar pine.....	2.59		1.50-3.00	14.85	14.85	7.50-17.00
Western larch.....	1.16		.50-1.50	8.87	8.87	7.00-11.00
Engelmann spruce.....	.52		.50-1.00	12.08	12.27	8.00-13.50
Sitka spruce.....	3.65	1.00	1.00-5.10	16.49	17.28	6.00-40.00
Western hemlock.....	1.00	1.00	.31-3.00	9.81	9.56	3.30-15.00
Douglas fir.....	2.62	1.92	.25-6.25	14.88	14.88	2.00-38.77
White fir.....	1.22		.20-2.00	11.06	10.54	6.00-16.44
Incense cedar.....	.54		.20-1.00	13.21	10.57	10.57-13.22
Western red cedar.....	3.24	1.65	1.00-6.00	13.43	15.04	3.78-28.00
Port Orford cedar.....	9.65		5.00-12.00	39.16	39.17	15.00-58.62
Individual softwoods.....	2.00	1.88	.20-12.00	14.14	14.62	2.00-58.62
Flat-rate softwoods.....	2.64	1.20	.28-5.00	11.95	12.53	5.00-14.12
Total softwoods.....	2.61	1.60	.20-12.00	14.03	14.51	2.00-58.62
Oak <sup>1</sup> .....				47.51	45.00	25.00-50.00
Maple <sup>1</sup> .....	3.53		1.50-10.00	25.88	19.83	10.00-175.00
Ash.....	1.50			18.75	18.67	18.00-20.00
Cottonwood.....	1.62	1.78	.95-2.50	12.92	11.25	9.00-14.00
Birch <sup>1</sup> .....				24.00	12.00	12.00-40.00
Alder.....	1.92	1.36	1.00-2.50	14.53	14.12	11.00-19.00
Individual hardwoods.....	2.08	1.60	.95-10.00	16.64	14.85	9.00-175.00
Average or spread.....	2.61	1.60	.20-12.00	14.04	14.51	2.00-175.00

<sup>1</sup> Species not reported.

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 37

 TABLE 12.—*Prices per thousand feet board measure of softwood and hardwood stumppage and logs, by regions, species, and type of sale, 1930—Continued*

## REGION 7—PACIFIC (SOUTH)

Species and type of sale	Stumpage			Logs		
	All sales	Second growth	Price range, all sales	All sales	Lumber logs	Price range, all sales
Western yellow pine.....	\$3.46	\$3.00	\$1.50—\$7.00	\$13.76	\$13.76	\$0.00—\$20.00
Sugar pine.....	5.47	3.00	2.00—5.50	14.37	14.37	13.90—14.88
Sitka spruce.....	1.50					
Douglas fir.....	.64	2.00	.50—5.00	17.34	17.34	12.00—18.08
White fir.....	.53	1.00	.50—2.00	10.61	10.61	10.00—12.00
Redwood.....	2.51		2.00—3.25	16.18	16.06	14.50—34.00
Incense cedar.....	1.42	2.00	.50—2.00	19.57	10.00	10.00—20.00
Individual softwoods.....	3.14	1.78	.50—7.00	15.43	15.28	10.00—34.00
Flat-rate softwoods.....	2.04		.66—4.50	14.00	14.00	
Total softwoods.....	2.77	1.78	.50—7.00	15.31	15.15	10.00—34.00
Oak <sup>1</sup> .....	4.00					
Cottonwood.....	3.00					
Individual hardwoods.....	3.11		3.00—4.00			
Average or spread.....	2.77	1.78	.50—7.00	15.31	15.15	10.00—34.00

## REGION 8—ROCKY MOUNTAIN (NORTH)

Western yellow pine.....	\$2.46		\$0.90—\$5.00	\$13.80	\$13.80	\$5.00—\$18.58
Western white pine.....	4.93	\$4.71	2.50—6.25	18.27	18.28	7.50—21.00
Lodgepole pine.....	1.79		.58—3.60	10.00		
Western larch.....	1.55	2.29	.25—3.00	10.69	11.33	5.00—10.47
Engelmann spruce.....	.89	2.00	.50—3.00	13.83	13.85	7.00—13.75
Western hemlock.....				8.00	8.00	
Douglas fir.....	1.54	2.25	.25—5.00	10.75	10.68	5.00—16.47
White fir.....	.86	.50	.50—.93	7.83	6.93	5.00—10.00
Western red cedar.....	.50			11.48	9.21	7.50—12.00
Individual softwoods.....	2.85	4.69	.25—6.25	13.25	13.89	5.00—21.00
Flat-rate softwoods.....	.92	1.41	.14—5.00	11.70	11.70	6.00—15.00
Total softwoods.....	2.09	4.43	.14—6.25	13.20	13.81	5.00—21.00
Average or spread.....	2.09	4.43	.14—6.25	13.20	13.81	5.00—21.00

## REGION 9—ROCKY MOUNTAIN (SOUTH)

Western yellow pine.....	\$2.71		\$1.00—\$3.28			
Lodgepole pine.....	3.52	\$2.50	2.50—4.00			
Engelmann spruce.....	3.77	4.00	2.50—4.00			
Douglas fir.....	2.77		2.50—3.15			
Individual softwoods.....	2.73	2.91	1.00—4.00			
Flat-rate softwoods.....	2.26		1.00—4.00			
Total softwoods.....	2.72	2.91	1.00—4.00			
Hardwoods (aspen).....	1.00					
Average or spread.....	2.72	2.91	1.00—4.00			

## REGION 10—PRAIRIE

Oak <sup>1</sup> .....	\$10.00	\$10.00		\$20.23	\$50.00	\$13.00—\$50.00
Hickory.....				15.00		
Soft maple.....				25.00	25.00	
Maple <sup>1</sup> .....	4.00	4.00		20.00	20.00	10.00—30.00
Elm <sup>1</sup> .....	5.00	5.00		20.00	20.00	10.00—30.00
Ash.....	10.00	10.00		40.00	40.00	
Black walnut.....	35.00	35.00		82.10	82.10	55.00—105.00
Cottonwood.....	5.00	5.00		25.75	25.75	25.00—30.00
Basswood.....				25.00	25.00	
Individual hardwoods.....	24.48	24.48	\$4.00—\$35.00	71.12	73.21	10.00—105.00
Flat-rate hardwoods.....	8.57	4.00	2.00—22.00			
Total hardwoods.....	11.54	8.97	2.00—35.00	71.12	73.21	10.00—105.00
Average or spread <sup>2</sup> .....	11.54	8.97	2.00—35.00	71.12	73.21	10.00—105.00

<sup>1</sup> Species not reported.

<sup>2</sup> Relatively large sales of black walnut logs at high prices throw regional average out of line.

## 38 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 13.—*Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1930*

## WESTERN YELLOW PINE

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent
0.99	1	(1)			5.00- 7.49	3	18	4	1
1.00- 1.99	15	4			7.50- 9.99			16	.5
2.00- 2.99	52	37			10.00-14.99			66	72
3.00- 3.99	24	39			15.00-19.99			13	22
4.00- 4.99	5	2			20.00-24.99			1	(1)

## WESTERN WHITE PINE

1.00- 1.99	6	1			7.50- 9.99			5	(1)
2.00- 2.99	17	5			10.00-14.99			23	22
3.00- 3.99	11	(1)			15.00-19.99			67	57
4.00- 4.99	22	9			20.00-24.99			5	21
5.00- 7.49	44	85							

## LODGEPOLE PINE

0.99	23	7			3.00- 3.99	38	16		
1.00- 1.99	8	17			4.00- 4.99	8	42		
2.00- 2.99	23	18			10.00-14.99			100	100

## SUGAR PINE

1.00- 1.99	5	(1)			5.00- 7.49	18	98		
2.00- 2.99	27	1			7.50- 9.99			7	(1)
3.00- 3.99	45	1			10.00-14.99			60	50
4.00- 4.99	5	(1)			15.00-19.99			33	50

## NORWAY PINE

1.00- 1.99	29	48			15.00-19.99			39	6
2.00- 2.99	43	48			20.00-24.99			30	7
5.00- 7.49	14	2			25.00-29.99			9	69
10.00-14.99	14	2	22	18	25.00-29.99				

## JACK PINE

3.00- 3.99	67	78			20.00-24.99			29	3
5.00- 7.49	33	22			25.00-29.99			15	57
10.00-14.99			14	5	30.00-34.99			14	26
15.00-19.99			14	3	35.00-99.99			14	6

## NORTHERN WHITE PINE

0.99	1	(1)			10.00-14.99	20	45	18	18
2.00- 2.99	2	(1)			15.00-19.99	4	2	43	47
3.00- 3.99	4	3			20.00-24.99	1	(1)	21	13
4.00- 4.99	6	3			25.00-29.99			12	8
5.00- 7.49	39	28			30.00-34.99			3	0
7.50- 9.99	23	18	1	7	35.00-99.99			2	1

## PITCH PINE

10.00-14.99			17	10	15.00-19.99			83	90
-------------	--	--	----	----	-------------	--	--	----	----

<sup>1</sup> Less than 0.5 per cent.

TABLE 13.—*Percentage distribution of volume and number of transactions in stumppage and log sales according to price-range class, by species, 1930—Con.*

## LONGLEAF PINE

Price range, class	Stumppage		Logs		Price range, class	Stumppage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent
2.00- 2.99	15	5	-----	-----	10.00-14.99	9	3	48	40
3.00- 3.99	9	5	-----	-----	15.00-19.99	4	2	38	34
4.00- 4.99	9	7	-----	-----	20.00-24.99	-----	5	12	12
5.00- 7.49	43	50	-----	-----	30.00-34.99	-----	5	4	4
7.50- 9.99	11	28	-----	-----	50.00-69.99	-----	4	10	10

## SHORTLEAF PINE

0.99	1	(1)	-----	-----	7.50- 9.99	2	1	16	14
1.00- 1.99	6	4	-----	-----	10.00-14.99	2	(1)	48	49
2.00- 2.99	24	27	-----	-----	15.00-19.99	1	1	19	22
3.00- 3.99	27	25	(1)	(1)	20.00-24.99	(1)	(1)	4	3
4.00- 4.99	17	24	(1)	(1)	25.00-29.99	-----	1	1	2
5.00- 7.49	20	17	11	9	35.00-49.99	-----	(1)	(1)	(1)

## WESTERN LARCH

0.99	20	16	-----	-----	5.00- 7.49	-----	-----	28	2
1.00- 1.99	43	29	-----	-----	7.50- 9.99	-----	-----	34	19
2.00- 2.99	31	55	-----	-----	10.00-14.99	-----	-----	36	73
3.00- 3.99	6	(1)	-----	-----	15.00-19.99	-----	-----	2	6

## TAMARACK

2.00- 2.99	11	8	-----	-----	15.00-19.99	-----	-----	30	23
3.00- 3.99	67	75	-----	-----	20.00-24.99	-----	-----	10	46
4.00- 4.99	11	14	-----	-----	25.00-29.99	-----	-----	10	10
7.50- 9.99	11	3	-----	-----	30.00-34.99	-----	-----	10	7
10.00-14.99	-----	40	14	-----	-----	-----	-----	-----	-----

## ENGELMANN SPRUCE

0.99	43	91	-----	-----	5.00- 7.49	-----	-----	7	1
1.00- 1.99	14	3	-----	-----	7.50- 9.99	-----	-----	23	1
2.00- 2.99	22	2	-----	-----	10.00-14.99	-----	-----	62	62
3.00- 3.99	7	1	-----	-----	15.00-19.99	-----	-----	8	36
4.00- 4.99	14	3	-----	-----	-----	-----	-----	-----	-----

## SITKA SPRUCE

1.00- 1.99	16	5	-----	-----	15.00-19.99	-----	-----	41	52
3.00- 3.99	5	55	-----	-----	20.00-24.99	-----	-----	8	12
4.00- 4.99	47	15	-----	-----	25.00-29.99	-----	-----	11	2
5.00- 7.49	32	25	1	8	30.00-34.99	-----	-----	3	1
7.50- 9.99	-----	2	(1)	23	35.00-49.99	-----	-----	3	1
10.00-14.99	-----	31	11	14	-----	-----	-----	-----	-----

## EASTERN SPRUCE

2.00- 2.99	3	21	-----	-----	15.00-19.99	2	(1)	54	28
4.00- 4.99	5	4	-----	-----	20.00-24.99	-----	-----	26	13
5.00- 7.49	25	12	-----	-----	25.00-29.99	-----	-----	5	21
7.50- 9.99	40	29	2	0	30.00-34.99	-----	-----	2	15
10.00-14.99	25	34	11	14	-----	-----	-----	-----	-----

<sup>1</sup>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, 1930—Con.*

## EASTERN HEMLOCK

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent
0.99	3	14	13	13	7.50- 9.99	13	8	1	30
1.00- 1.99	5	12	—	—	10.00-14.99	5	(1)	29	64
2.00- 2.99	—	—	—	—	15.00-19.99	1	(1)	57	1
3.00- 3.99	14	45	—	—	20.00-24.99	1	(1)	8	2
4.00- 4.99	22	6	1	1	25.00-29.99	—	—	—	1
5.00- 7.49	35	14	1	3	30.00-34.99	—	—	—	(1)

## WESTERN HEMLOCK

0.99	7	2	—	—	5.00- 7.49	—	—	8	4
1.00- 1.99	82	92	—	—	7.50- 9.99	—	—	46	40
2.00- 2.99	9	6	—	—	10.00-14.99	—	—	45	54
3.00- 3.99	2	(1)	(1)	(1)	15.00-19.99	—	—	1	(1)
4.00- 4.99	—	—	—	—	—	—	—	—	—

## DOUGLAS FIR

0.99	8	8	—	—	10.00-14.99	—	—	43	42
1.00- 1.99	42	25	(1)	(1)	15.00-19.99	—	—	23	46
2.00- 2.99	31	20	(1)	(1)	20.00-24.99	—	—	5	3
3.00- 3.99	10	37	(1)	(1)	25.00-29.99	—	—	2	1
4.00- 4.99	6	8	1	(1)	30.00-34.99	—	—	(1)	(1)
5.00- 7.49	3	2	11	2	35.00-49.99	—	—	(1)	(1)
7.50- 9.99	—	—	13	4	—	—	—	—	—

## WHITE FIR

0.99	50	89	—	—	7.50- 9.99	—	—	26	15
1.00- 1.99	43	10	—	—	10.00-14.99	—	—	50	71
2.00- 2.99	7	1	—	—	15.00-19.99	—	—	7	12
5.00- 7.49	—	—	17	2	—	—	—	—	—

## BALSAM FIR

0.99	6	31	—	—	7.50- 9.99	38	41	19	16
2.00- 2.99	6	1	—	—	10.00-14.99	22	6	39	34
3.00- 3.99	3	(1)	—	—	15.00-19.99	—	—	75	3
4.00- 4.99	3	(1)	—	—	20.00-24.99	—	—	3	(1)
5.00- 7.49	22	21	—	—	25.00-29.99	—	—	3	49

## CYPRESS

0.99	2	1	—	—	10.00-14.99	11	6	32	19
2.00- 2.99	11	6	—	—	15.00-19.99	4	5	39	37
3.00- 3.99	13	5	—	—	20.00-24.99	—	—	16	29
4.00- 4.99	5	2	—	—	25.00-29.99	—	—	2	12
5.00- 7.49	39	60	—	—	30.00-34.99	—	—	2	2
7.50- 9.99	15	6	9	1	—	—	—	—	—

## REDWOOD

2.00- 2.99	50	99	—	—	15.00-19.99	—	—	29	39
3.00- 3.99	50	1	20	46	20.00-24.99	—	—	29	15
10.00-14.99	—	—	—	—	30.00-34.99	—	—	13	1

<sup>1</sup> 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, 1930—Con.*

## INCENSE CEDAR

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transac- tions	Volume	Transac- tions	Volume		Transac- tions	Volume	Transac- tions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent
0.99	33	35			10.00-14.99			75	64
1.00-1.99	47	10			20.00-24.99			25	36
2.00-2.99	20	55							

## WESTERN RED CEDAR

0.99	2	(1)			7.50-9.99			11	4
1.00-1.99	30	2			10.00-14.99			60	65
2.00-2.99	20	6			15.00-19.99			16	29
3.00-3.99	21	71			20.00-24.99			1	
4.00-4.99	21	18	(1)	(1)	25.00-29.99			1	(1)
5.00-7.49	6	3	2	1					

## NORTHERN WHITE CEDAR

1.00-1.99	3	1			10.00-14.99		21	2	44	35
2.00-2.99	12	12			15.00-19.99		3	1	38	61
4.00-4.99	6	6			20.00-24.99				12	4
5.00-7.49	12	9			25.00-29.99				6	
7.50-9.99	43	69								(1)

## PORT ORFORD CEDAR

5.00-7.49	60	37			30.00-34.99			25	64
10.00-14.99	40	63			35.00-49.99			50	15
15.00-19.99			17	(1)	50.00-99.99			8	21

## EASTERN RED CEDAR

5.00-7.49	40	59			30.00-34.99			30	17
7.50-9.99	20	(1)			35.00-49.99			40	61
10.00-14.99	40	40			50.00-99.99			10	1
20.00-24.99			20	21					

## INDIVIDUAL SOFTWOODS

0.99	4	7			10.00-14.99		5	1	40	46
1.00-1.99	18	18			15.00-19.99		1	(1)	29	35
2.00-2.99	23	21	(1)	(1)	20.00-24.99		(1)	(1)	7	3
3.00-3.99	16	30	(1)	(1)	25.00-29.99				3	1
4.00-4.99	10	8	(1)	(1)	30.00-34.99				1	
5.00-7.49	16	14	(1)	(1)	35.00-49.99					
7.50-9.99	7	1	12	10	50.00-99.99					

## FLAT-RATE SOFTWOODS

0.99	9	4			7.50-9.99		3	2	9	10
1.00-1.99	17	34			10.00-14.99		4	1	50	74
2.00-2.99	27	24			15.00-19.99		1	(1)	25	5
3.00-3.99	20	10			20.00-24.99				4	
4.00-4.99	10	24			25.00-29.99				1	
5.00-7.49	9	1	10	1	30.00-34.99					

<sup>1</sup> 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, 1930—Con.

## ALL SOFTWOODS

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent
0.99	5	6			10.00-14.99	5	1	40	47
1.00- 1.99	17	23			15.00-19.99	(1)	(1)	29	34
2.00- 2.99	24	22	(1)	(1)	20.00-24.99	(1)	(1)	7	3
3.00- 3.99	17	23	(1)	(1)	25.00-29.99			3	1
4.00- 4.99	10	14	(1)	(1)	30.00-34.99			1	
5.00- 7.49	15	10	6	2	35.00-49.99				
7.50- 9.99	6	1	11	10	50.00-99.99			(1)	(1)

OAK<sup>2</sup>

0.99	(1)	(1)			10.00-14.99	16	8	19	15
1.00- 1.99	2	25			15.00-19.99	8	4	20	19
2.00- 2.99	10	6			20.00-24.99	4	3	21	42
3.00- 3.99	9	10			25.00-29.99	1	(1)	10	6
4.00- 4.99	14	11			30.00-34.99			5	2
5.00- 7.49	24	26	1	1	35.00-39.99	(1)	(1)	11	7
7.50- 9.99	12	7	7	2	50.00-99.99			6	6

## WILLOW

5.00- 7.49			4	(1)	15.00-19.99				15
7.50- 9.99			10	(1)	20.00-24.99			4	1
10.00-14.99			58	94					

## RED OAK

1.00- 1.99	2	2			15.00-19.99	6	2	20	15
2.00- 2.99	10	11			20.00-24.99	4	3	24	43
3.00- 3.99	14	21			25.00-29.99			10	3
4.00- 4.99	11	14			30.00-34.99			9	11
5.00- 7.49	25	23	2	(1)	35.00-39.99			8	2
7.50- 9.99	14	14	2	2	50.00-99.99			6	2
10.00-14.99	14	10	19	22					

## WHITE OAK

1.00- 1.99	1	1			15.00-19.99	5	2	21	18
2.00- 2.99	4	3			20.00-24.99	10	8	24	16
3.00- 3.99	7	4			25.00-29.99	4	2	0	9
4.00- 4.99	12	8			30.00-34.99	2	(1)	5	2
5.00- 7.49	27	28	1	(1)	35.00-49.99			19	24
7.50- 9.99	10	7	1	(1)	50.00-99.99			9	8
10.00-14.99	18	37	10	22	100.00+			1	(1)

## SOFT MAPLE

5.00- 7.49	8	10			20.00-24.99				27
7.50- 9.99	8	6			25.00-29.99				27
10.00-14.99	34	11	4	(1)	30.00-34.99				5
15.00-19.99	50	73	9	2	35.00-49.99				4

## HARD MAPLE

3.00- 3.99	3	(1)			25.00-29.99	14	14	27	51
7.50- 9.99	3	3			30.00-34.99			13	15
10.00-14.99	31	23	4	2	35.00-49.99			29	7
15.00-19.99	14	13	5	5	50.00-99.99			2	(1)
20.00-24.99	35	47	16	20	100.00+			4	(1)

<sup>1</sup> Less than 0.5 per cent.<sup>2</sup> Species not reported.

TABLE 13.—*Percentage distribution of volume and number of transactions in stumppage and log sales according to price-range class, by species, 1930—Con.*MAPLE<sup>1</sup>

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transac- tions	Volume	Transac- tions	Volume		Transac- tions	Volume	Transac- tions	Volume
	Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent
1.00-1.99	2		(1)		15.00-19.99	11	4	23	6
2.00-2.99	4		5		20.00-24.99	5	2	33	63
3.00-3.99	8		4		25.00-29.99	2	(1)	14	16
4.00-4.99	10		6		30.00-34.99			10	11
5.00-7.49	32	62			35.00-49.99			7	3
7.50-9.99	5	4	1	(1)	50.00-99.99			3	(1)
10.00-14.99	21	12	7	(1)	100.00+			2	(1)

ELM<sup>2</sup>

1.00-1.99	2	3			10.00-14.99	27	12	13	1
2.00-2.99	4	2			15.00-19.99	15	25	28	24
3.00-3.99	6	11			20.00-24.99	6	10	26	50
4.00-4.99	6	1			25.00-29.99	1	(1)	16	14
5.00-7.49	15	20			30.00-34.99			10	8
7.50-9.99	17	16	4	(1)	35.00-49.99			5	2

## ROCK ELM

20.00-24.99			50	37	30.00-34.99			50	63
-------------	--	--	----	----	-------------	--	--	----	----

## ASH

1.00-1.99	1	(1)			10.00-14.99	13	3	2	(1)
2.00-2.99	2	(1)			15.00-19.99	14	4	12	8
3.00-3.99	6	2			20.00-24.99	7	1	21	24
4.00-4.99	7	5			25.00-29.99	4	20	20	27
5.00-7.49	13	14			30.00-34.99	11	8	17	21
7.50-9.99	11	33	3	(1)	35.00-49.99	11	9	17	11
					50.00-99.99			8	9

## BLACK WALNUT

4.00-4.99	2	1			25.00-29.99	11	2	4	(1)
5.00-7.49	7	3			30.00-34.99	7	2	1	(1)
7.50-9.99	4	10			35.00-49.99	25	32	16	4
10.00-14.99	4		1	1	50.00-99.99	29	47	42	44
15.00-19.99	2	(1)	1	(1)	100.00+	2	1	32	50
20.00-24.99	7		1	(1)					

## BUTTERNUT

20.00-24.99	100	100	44	83	35.00-49.99			14	7
25.00-29.99			14	4	50.00-99.99			14	4
30.00-34.99			14	2					

## RED GUM

0.00	2	(1)			10.00-14.99	6	5	23	18
1.00-1.99	13	31			15.00-19.99	1	(1)	35	34
2.00-2.99	18	7			20.00-24.99			21	45
3.00-3.99	18	28	(1)	(1)	25.00-29.99			6	1
4.00-4.99	17	12			30.00-34.99			3	(1)
5.00-7.49	20	7	2	(1)	35.00-49.99			6	1
7.50-9.99	5	10	3	(1)	50.00-99.99			1	(1)

<sup>1</sup> Less than 0.5 per cent.<sup>2</sup> 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, 1930—Con.*

## TUPELO GUM

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent
2.00- 2.99	46	66	—	—	10.00-14.99	—	—	58	58
3.00- 3.99	36	25	—	—	15.00-19.99	—	—	30	25
4.00- 4.99	9	3	—	—	20.00-24.99	—	—	6	16
5.00- 7.49	9	6	—	—	25.00-29.99	—	—	2	(1)
7.50- 9.99	—	—	5	(1)	—	—	—	—	—

## BLACK GUM

1.00- 1.99	30	4	—	—	7.50- 9.99	—	—	22	10
2.00- 2.99	50	62	—	—	10.00-14.99	—	—	32	62
4.00- 4.99	20	34	—	—	15.00-19.99	—	—	32	21
5.00- 7.49	—	—	7	7	20.00-24.99	—	—	7	(1)

## SYCAMORE

2.00- 2.99	14	12	—	—	15.00-19.99	5	1	51	51
3.00- 3.99	18	4	—	—	20.00-24.99	—	—	23	17
5.00- 7.49	18	34	—	—	25.00-29.99	—	—	3	1
7.50- 9.99	18	17	3	3	30.00-34.99	—	—	5	13
10.00-14.99	27	32	15	15	—	—	—	—	—

## LOCUST

7.50- 9.99	—	—	80	88	10.00-14.99	—	—	20	12
------------	---	---	----	----	-------------	---	---	----	----

## ASPEN

0.99	8	5	—	—	5.00- 7.49	8	2	—	—
1.00- 1.99	17	5	—	—	7.50- 9.99	—	—	9	17
2.00- 2.99	43	58	—	—	10.00-14.99	8	(1)	52	60
3.00- 3.99	8	29	—	—	15.00-19.99	—	—	26	22
4.00- 4.99	8	1	—	—	20.00-24.99	—	—	13	1

## COTTONWOOD

0.99	5	1	—	—	10.00-14.99	9	(1)	27	37
1.00- 1.99	23	10	—	—	15.00-19.99	—	—	38	49
2.00- 2.99	32	68	—	—	20.00-24.99	—	—	21	7
3.00- 3.99	4	2	—	—	25.00-29.99	—	—	5	2
5.00- 7.49	18	9	1	3	30.00-34.99	—	—	3	1
7.50- 9.99	9	10	5	1	—	—	—	—	—

## YELLOW POPLAR

1.00- 1.99	2	1	—	—	15.00-19.99	7	7	16	18
2.00- 2.99	8	3	—	—	20.00-24.99	5	2	23	32
3.00- 3.99	16	14	—	—	25.00-29.99	4	1	11	14
4.00- 4.99	12	7	—	—	30.00-34.99	1	1	7	2
5.00- 7.49	17	11	—	—	35.00-49.99	—	—	18	23
7.50- 9.99	10	19	2	(1)	50.00-99.99	—	—	9	6
10.00-14.99	18	34	11	4	100.00+	—	—	3	(1)

<sup>1</sup> Less than 0.5 per cent.

TABLE 13.—*Percentage distribution of volume and number of transactions in stumppage and log sales according to price-range class, by species, 1930—Con.*BIRCH<sup>1</sup>

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transac-	Volume	Transac-	Volume		Transac-	Volume	Transac-	Volume
	Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent
0.99	2	1	(1)	—	10.00-14.99	30	5	6	1
1.00- 1.99	2	2	(1)	—	15.00-19.99	2	2	21	7
2.00- 2.99	5	3	—	—	20.00-24.99	—	—	24	19
3.00- 3.99	7	2	—	—	25.00-29.99	—	—	18	44
4.00- 4.99	7	4	—	—	30.00-34.99	—	—	12	11
5.00- 7.49	30	75	—	—	35.00-49.99	—	—	10	9
7.50- 9.99	15	8	1	(1)	50.00-99.99	—	—	8	9

## ALDER

1.00- 1.99	55	24	—	—	10.00-14.99	—	—	21	45
2.00- 2.99	45	76	—	—	15.00-19.99	—	—	79	55

## PECAN

1.00- 1.99	100	100	—	60	8	10.00-14.99	—	—	30	13
7.50- 9.99	—	—	—	—	—	15.00-19.99	—	—	10	79

## HICKORY

1.00- 1.99	2	3	—	—	15.00-19.99	9	6	22	14
3.00- 3.99	9	5	—	—	20.00-24.99	9	16	13	11
4.00- 4.99	18	12	—	—	25.00-29.99	1	1	25	67
5.00- 7.49	22	24	—	—	30.00-34.99	1	(1)	7	5
7.50- 9.99	5	6	1	(1)	35.00-49.99	—	—	13	1
10.00-14.99	24	27	6	1	50.00-99.99	—	—	13	1

## CHERRY

3.00- 3.99	8	4	—	—	20.00-24.99	23	9	9	3
4.00- 4.99	15	34	—	—	25.00-29.99	8	13	19	26
7.50- 9.99	15	21	—	—	35.00-49.99	—	—	39	54
10.00-14.99	8	1	9	3	50.00-99.99	—	—	14	6
15.00-19.99	23	18	5	(1)	100.00+	—	—	5	7

## BASSWOOD

2.00- 2.99	2	1	—	—	20.00-24.99	9	14	33	21
4.00- 4.99	8	3	—	—	25.00-29.99	3	1	18	22
5.00- 7.49	14	28	—	—	30.00-34.99	—	—	11	8
7.50- 9.99	10	37	(1)	(1)	35.00-49.99	—	—	17	30
10.00-14.99	30	10	3	3	50.00-99.99	—	—	1	1
15.00-19.99	15	6	17	15	—	—	—	—	—

## CHESTNUT

0.99	3	1	—	—	10.00-14.99	4	1	10	10
1.00- 1.99	10	10	—	—	15.00-19.99	—	—	22	22
2.00- 2.99	16	38	—	—	20.00-24.99	—	—	34	46
3.00- 3.99	16	9	—	—	25.00-29.99	1	(1)	3	1
4.00- 4.99	12	4	—	—	30.00-34.99	—	—	5	1
5.00- 7.49	31	36	2	10	35.00-49.99	—	—	15	4
7.50- 9.99	7	1	7	3	50.00-99.99	—	—	2	3

<sup>1</sup> Less than 0.5 per cent.<sup>2</sup> Species not reported.

## 46 STATISTICAL BULLETIN 37, U. S. DEPT. OF AGRICULTURE

TABLE 13.—*Percentage distribution of volume and number of transactions in stumpage and log sales according to price-range class, by species, 1930—Con.*

## BEECH

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
	Dollars	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Per cent	Per cent
0.99	2	3			10.00-14.99	14	8	11	3
1.00- 1.99	2	(1)			15.00-19.99	5	5	50	31
2.00- 2.99	5	5			20.00-24.99	2	(1)	20	58
3.00- 3.99	12	18			25.00-29.99			11	5
4.00- 4.99	18	13			30.00-34.99			4	2
5.00- 7.49	31	41	1	(1)	35.00-49.99			2	(1)
7.50- 9.99	9	7	1	(1)					

## HACKBERRY

7.50- 9.99			31	1	20.00-24.99				8
10.00-14.99	60	60	38	4	25.00-29.99	50	50		64
15.00-19.99			23	31					

## MAGNOLIA

1.00- 1.99	8	1			10.00-14.99				9
3.00- 3.99	23	15			15.00-19.99	8	(1)	48	41
4.00- 4.99	31	5			20.00-24.99			30	52
5.00- 7.49	15	9			25.00-29.99			9	3
7.50- 9.99	15	70	4	(1)					

## PERSIMMON

3.00- 3.99	100	100			50.00-99.99				100	100
------------	-----	-----	--	--	-------------	--	--	--	-----	-----

## BUCKEYE

5.00- 7.49	100	100	50	99	30.00-34.99				50	1
15.00-19.99										

## INDIVIDUAL HARDWOODS

0.99	1	(1)			15.00-19.99	8	3	24	14
1.00- 1.99	3	10			20.00-24.99	5	8	22	33
2.00- 2.99	8	15			25.00-29.99	2	1	12	16
3.00- 3.99	10	(1)	(1)		30.00-34.99	1	(1)	7	3
4.00- 4.99	11	9			35.00-49.99	1	(1)	10	6
5.00- 7.49	22	25	1	(1)	50.00-99.99	1	(1)	6	6
7.50- 9.99	10	10	3	1	100.00+	(1)	(1)	2	2
10.00-14.99	17	11	13	13					

## FLAT-RATE HARDWOODS

0.99	(1)	(1)			10.00-14.99	9	4	16	20
1.00- 1.99	1	1			15.00-19.99	1	(1)	30	35
2.00- 2.99	12	13			20.00-24.99	1	(1)	22	15
3.00- 3.99	15	12			25.00-29.99			13	10
4.00- 4.99	16	30			30.00-34.99			11	
5.00- 7.49	35	32	1	(1)	35.00-49.99			2	(1)
7.50- 9.99	10	7	5	1					

<sup>1</sup> Less than 0.5 per cent.

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 47

TABLE 13.—Percentage distribution of volume and number of transactions in stumppage and log sales according to price-range class, by species, 1930—Con.

## ALL HARDWOODS

Price range, class	Stumpage		Logs		Price range, class	Stumpage		Logs	
	Transactions	Volume	Transactions	Volume		Transactions	Volume	Transactions	Volume
Dollars	Per cent	Per cent	Per cent	Per cent	Dollars	Per cent	Per cent	Per cent	Percent
0.99	1	(1)	—	—	15.00-19.99	6	2	24	20
1.00-1.99	3	6	—	—	20.00-24.99	5	2	22	34
2.00-2.99	9	14	—	—	25.00-29.99	2	1	12	14
3.00-3.99	10	12	(1)	(1)	30.00-34.99	1	(1)	8	6
4.00-4.99	12	18	—	—	35.00-49.99	1	(1)	10	5
5.00-7.49	24	28	—	—	50.00-99.99	1	(1)	5	4
7.50-9.99	10	8	3	1	100.00+	(1)	(1)	2	2
10.00-14.99	15	8	13	14					

## FLAT-RATE MIXED SOFTWOODS AND HARDWOODS

0.99	(1)	(1)	—	—	10.00-14.99	4	5	28	28
1.00-1.99	5	2	—	—	15.00-19.99	1	(1)	33	28
2.00-2.99	11	13	—	—	20.00-24.99	—	—	19	25
3.00-3.99	18	14	—	—	25.00-29.99	—	—	9	10
4.00-4.99	17	11	—	—	30.00-34.99	—	—	3	4
5.00-7.49	37	46	1	1	35.00-39.99	—	—	1	2
7.50-9.99	7	9	6	2					

## ALL SALES

0.99	3	5	—	—	15.00-19.99	3	(1)	27	32
1.00-1.99	10	21	—	—	20.00-24.99	2	(1)	15	6
2.00-2.99	16	21	(1)	(1)	25.00-29.99	1	(1)	7	2
3.00-3.99	14	22	(1)	(1)	30.00-34.99	(1)	(1)	4	1
4.00-4.99	11	13	(1)	(1)	35.00-39.99	1	(1)	5	1
5.00-7.49	21	13	3	2	50.00-99.99	(1)	(1)	3	(1)
7.50-9.99	8	2	7	10	100.00+	(1)	(1)	1	(1)
10.00-14.99	10	2	27	44					

1 Less than 0.5 per cent.

 TABLE 14.—Volume and percentage distribution of stumppage sales, by class<sup>1</sup> of timber cut and species, 1930.

## INDIVIDUAL SOFTWOODS

Species	Virgin timber		Second growth		Mixed growth		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
Western yellow pine	567,924	99	3,120	1	1,864	(1)	572,908	100
Western white pine	26,395	84	4,806	16	—	—	31,261	100
Lodgepole pine	615	88	80	12	—	—	695	100
Sugar pine	277,832	99	1,000	(1)	—	—	278,832	100
Norway pine	744	32	1,570	68	—	—	2,314	100
Jack pine	70	78	20	22	—	—	90	100
Northern white pine	6,447	9	64,827	88	1,945	3	73,219	100
Longleaf pine	34,569	90	3,553	9	300	1	38,422	100
Shortleaf pine	70,469	14	320,940	66	98,657	20	490,066	100
Western larch	7,617	51	7	(1)	7,190	49	14,814	100
Tamarack	154	97	5	3	—	—	150	100
Engelmann spruce	2,564	98	50	2	—	—	2,004	100
Sitka spruce	61,030	99	750	1	—	—	61,780	100
Eastern spruce	19,120	57	14,676	43	—	—	33,805	100
Eastern hemlock	13,381	60	5,505	25	3,467	15	22,413	100
Western hemlock	250,648	96	10,675	4	300	(1)	261,623	100
Douglas fir	1,584,042	85	265,846	14	21,928	1	1,871,816	100
White fir	126,539	96	7,004	5	—	—	133,543	100
Balsam fir	3,660	91	369	9	—	—	4,025	100
Cypress	22,339	86	3,590	14	—	—	25,929	100
Redwood	115,780	100	—	—	—	—	115,780	100
Incense cedar	1,977	50	2,000	50	1	(1)	3,978	100
Western red cedar	224,916	99	84	(1)	—	—	225,000	100
Northern white cedar	1,021	66	526	34	—	—	1,547	100
Port Orford cedar	1,222	100	—	—	—	—	1,222	100
Eastern red cedar	5	(1)	416	41	600	59	1,021	100
Total	3,421,075	80	711,630	17	136,252	3	4,268,866	100

<sup>1</sup> 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.

<sup>2</sup> Less than 0.5 per cent.

TABLE 14.—*Volume and percentage distribution of stumpage sales, by class of timber cut and species, 1930—Continued*

## INDIVIDUAL HARDWOODS

Species	Virgin timber		Second growth		Mixed growth		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
Oak <sup>2</sup>	31,302	51	23,350	39	6,124	10	60,782	100
Red Oak	8,825	35	14,430	57	2,076	8	25,331	100
White Oak	13,947	48	4,667	16	10,555	36	29,169	100
Soft maple	165	42	146	38	79	20	390	100
Hard maple	2,540	60	474	11	1,255	29	4,209	100
Maple <sup>2</sup>	14,261	71	4,265	21	1,655	8	20,181	100
Elm	3,007	59	1,152	23	910	18	5,069	100
Ash	1,249	29	1,615	37	1,602	34	4,366	100
Black walnut	495	31	897	56	212	13	1,604	100
Butternut	10	100					10	100
Red gum	22,311	85	3,721	14	113	(2)	28,145	100
Tupelo gum	12,181	65	6,637	35			18,818	100
Black gum	8,695	99	100	1			8,795	100
Sycamore	220	50	108	25	107	25	435	100
Aspen	190	7	2,622	93	3	(2)	2,821	100
Cottonwood	445	9	4,712	91	2	(2)	5,159	100
Yellow poplar	2,938	36	2,510	30	2,829	34	8,277	100
Birch <sup>3</sup>	6,971	87	809	10	203	3	7,983	100
Alder	1,081	80	260	20			1,321	100
Pecan	4	100					4	100
Hickory	714	43	591	36	341	21	1,646	100
Cherry	5	4	104	88	10	8	119	100
Basswood	2,636	61	769	18	916	21	4,321	100
Chestnut	2,508	26	3,889	41	3,105	33	9,502	100
Beech	6,043	56	3,756	35	992	9	10,791	100
Hackberry	1	50	1	50			2	100
Magnolia	1,095	100					1,095	100
Persimmon	1	100					1	100
Buckeye			5	100			5	100
Total	143,826	56	81,596	31	32,989	13	258,411	100

## FLAT-RATE SALES

Flat-rate softwoods	1,736,499	86	252,853	12	41,370	2	2,030,722	100
Flat-rate hardwoods	93,165	51	55,636	31	33,023	18	181,824	100
Flat-rate mixed	235,291	46	149,387	29	129,037	25	514,615	100
Total	2,064,955	76	457,876	17	204,330	7	2,727,161	100

## SUMMARY BY TYPE OF SALE

Individual softwoods	3,421,075	60	711,539	57	136,252	36	4,268,866	58.6
Individual hardwoods	143,826	3	81,596	7	32,089	9	258,411	3.6
Flat-rate softwoods	1,736,499	31	252,853	20	41,370	11	2,030,722	28.2
Flat-rate hardwoods	93,165	2	55,636	4	33,023	9	181,824	2.5
Flat-rate mixed	235,291	4	149,387	12	129,037	36	514,615	7.1
Total	6,629,856	78	1,251,011	17	373,571	5	7,254,438	100

<sup>2</sup> Less than 0.5 per cent.<sup>3</sup> Species not reported.

TABLE 15.—*Volume and percentage of log sales by type of product and species, 1930*

## INDIVIDUAL SOFTWOODS

Species and type of sale	Box shook		Lumber		Ties		Staves or heading		Fuelwood <sup>1</sup>		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			
Western yellow pine	3,735	1.9	194,171	98.1															172	0.8	197,906	100			
Western white pine			22,219	99.2															22,391		22,391	100			
Lodgepole pine					212	100													212		212	100			
Sugar pine	64	.9	7,010	99.1																7,074		7,074	100		
Norway pine			1,028	98.8															12	1.2	1,040	100			
Jack pine			238	68.4	20	5.7														348		348	100		
Northern white pine	3,459	6.5	45,888	87.0			2,333	4.4										7		1,079	2.1	52,766	100		
Pitch pine			29	100.0																	29		29	100	
Longleaf pine	107	.9	10,466	84.0																	12,451		12,451	100	
Shortleaf pine	300	.2	165,422	95.9	2,181	1.3	900	.5											1,878	15.1	2,749	1.6	172,416	100	
Western larch			6,133	31.6	12,080	62.2												1,196	6.2			19,409	100		
Tamarack			881	85.9	70	6.8												75	7.3			1,026	100		
Engelmann spruce			1,161	76.8	5	.3																1,512	100		
Sitka spruce	7,607	2.5	238,004	79.4			3,089	1.0												7,903	2.6	7,427	2.5	299,988	100
Eastern spruce	346	2.3	9,878	67.8																	480		3,3	14,579	100
Eastern hemlock	457	1.0	28,251	62.1	2,500	5.5															58	.1	45,462	100	
Western hemlock	80,270	7.5	649,012	61.0																	14,634	1.4	1,063,684	100	
Douglas fir	1,224		3,758,694	96.1	4,014	.1														55,419	1.4	3,912,743	100		
White fir	18,772	51.5	11,662	32.0																	3,043	8.4	36,421	100	
Balsam fir	110	3.1	1,214	34.4																	100	2.8	3,534	100	
Cypress			20,256	92.9																	1,544	7.1	21,800	100	
Redwood			35,787	99.3																250	.7			36,037	100
Incense cedar			97	1.7																	5,487	98.3	5,584	100	
Western red cedar			1,189	974	35.7															8		342,230	64.3	532,214	100
Northern white cedar	100	6.2	231	14.2	507	31.3															2,784	48.3	1,622	100	
Port Orford cedar			65,925	99.7																	187	.3	66,112	100	
Eastern red cedar			2,853	98.2																	3	.1	2,904	100	
Total	116,551	1.8	5,466,484	83.7	21,589	.3	6,322	.1	21,134	.3	3,381,083	5.8	5,917	.1	74,883	1.1	1,893	.1	435,408	6.7	6,531,264	100			

## INDIVIDUAL HARDWOODS

Oak <sup>3</sup>			28,801	86.0	2,133	6.4												1,748	5.2			800	2.4	33,482	100
Willow			2,026	36.1			1,234	22.0													2,350	41.9	5,610	100	
Red oak			25,753	83.7	571	1.9	3,264	10.6										611	2.0			563	1.8	30,762	100
White oak			22,445	75.8	152	.5	5,800	19.9										563	1.9			547	1.9	29,597	100

<sup>1</sup> Manufactured into lumber and shingles.<sup>2</sup> Shingle logs.<sup>3</sup> Species not reported.

TABLE 15.—*Volume and percentage of log sales by type of product and species, 1930—Continued*  
INDIVIDUAL HARDWOODS—Continued

Species and type of sale	Box shook		Lumber		Ties		Staves or heading		Fuelwood		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				
Soft maple			1,171	97.6									21	1.7			8	0.7	1,200	100						
Hard maple			6,934	82.0	307	3.6							357	4.2			858	10.2	8,456	100						
Maple			93,790	86.1	834	.8							564	0.5	1,304	1.2	12,469	11.4	108,961	100						
Elm	17	0.1	11,922	64.7	23	.1							681	3.7			5,777	31.4	18,420	100						
Rock elm			156	100.0												424	2.6	2,626	15.9	16,454	100					
Ash			13,404	81.5												3,955	21.9	190	1.1	18,050	100					
Black walnut			13,905	77.0												5	11.1			45	100					
Butternut			40	88.9																						
Red gum	15		47,560	56.6	155	.2	565	0.7			178	0.2			14,812	17.6			20,766	24.7	84,051	100				
Tupelo gum			6,133	31.3			691	3.5								7,305	37.3			5,454	27.9	19,583	100			
Black gum			3,059	40.7												4,456	59.2			8	1	7,523	100			
Sycamore	10	.3	2,457	81.9												383	12.8			149	5.0	2,999	100			
Locust			26	100.0																	26	100				
Aspen			2,462	99.6																10	.4	2,472	100			
Cottonwood	1,375	8.6	8,910	55.8			574	3.6			200	1.3			2,338	14.6			2,574	16.1	15,971	100				
Yellow poplar			19,517	64.7												4,455	14.8			6,185	20.5	30,157	100			
Birch	3		34,000	70.5	602	1.2					322	.7	48	.1	5,248	10.9			7,993	16.6	48,213	100				
Alder			4,563	65.7												360	5.2			2,018	29.1	6,941	100			
Pecan			80	100.0																80	100					
Hickory	3		1,556	33.1	48	1.0														3,091	65.9	4,695	100			
Cherry			285	70.6												64	15.8			55	13.6	404	100			
Basswood			6,711	72.9												2,343	25.4			159	1.7	9,213	100			
Chestnut			1,513	76.4	100	5.0										93	4.7			275	13.9	1,981	100			
Beech			4,358	33.6	875	6.7	80	.2								132	1.0	44	.3	7,581	58.2	13,020	100			
Huckleberry			544	100.0																	544	100				
Magnolia			3,655	99.5																20	.5	3,675	100			
Persimmon			72	98.6																367	100.0	367	100			
Buckeye																	1	1.4			73	100				
Total			1,417	.3	367,808	70.3	5,800	1.1	12,248	2.3			700	.1	744	.1	51,571	9.9			82,893	15.9	523,181	100		

## FLAT-RATE SALES

Flat-rate softwoods	2,259	0.6	346,312	87.8			1,983	0.5					102		13				43,894	11.1	394,593	100			
Flat-rate hardwoods	700	.9	52,716	66.9	608	0.8	1,976	2.5							15,376	19.5			7,370	9.4	78,746	100			
Flat-rate mixed	10,407	7.5	121,174	87.7	104	.1									5,337	3.8			1,209	.9	138,231	100			
Total	13,396	2.2	520,202	85.1	712	.1	3,959	.6							102		20,726	3.4		52,473	8.6	611,570	100		

## SUMMARY BY TYPE OF SALE

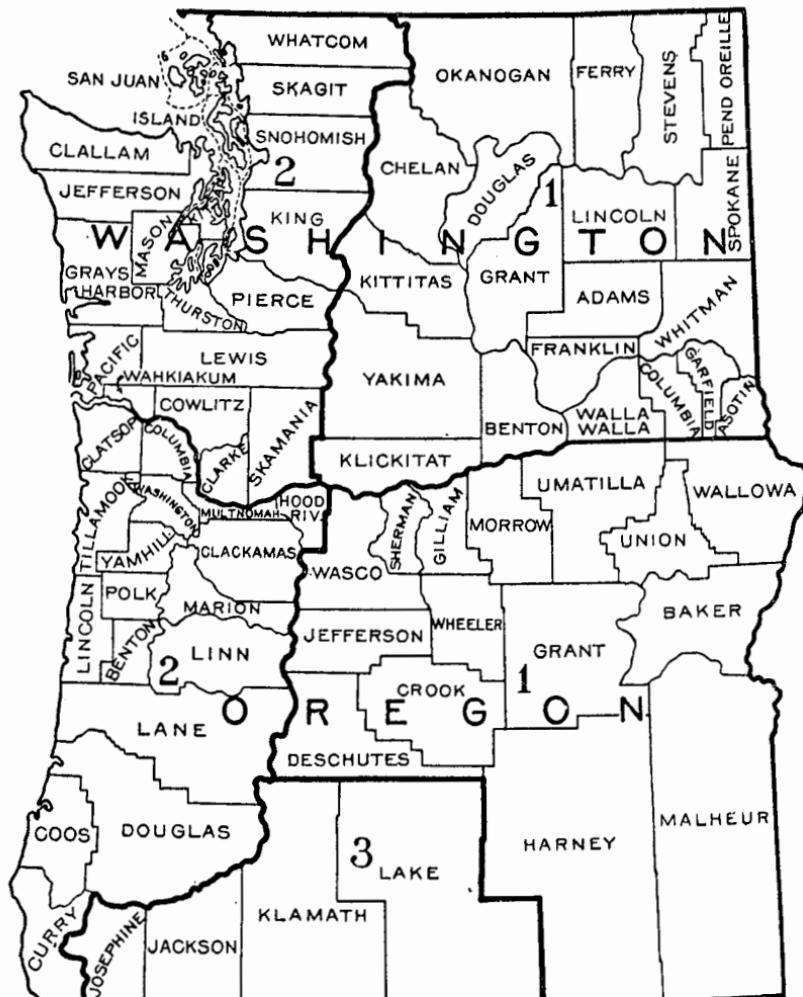
Individual softwoods.....	116,551	83.7	5,466,484	86.0	21,589	76.8	6,322	28.0	21,134	100.0	381,083	99.8	5,917	87.5	74,883	50.9	1,893	100.0	435,408	76.3	6,531,264	85.2
Individual hardwoods.....	1,417	1.1	367,808	5.8	5,800	20.6	12,243	51.4			700	.2	744	11.0	51,571	35.0			82,893	14.5	523,181	6.8
Flat-rate softwoods.....	2,289	1.8	346,312	5.5			1,983	8.8					102	1.5	13				43,894	7.7	394,593	5.2
Flat-rate hardwoods.....	706	5	52,716	8	608	2.2	1,976	8.8							15,376	10.5			7,370	1.3	78,746	1.0
Flat-rate mixed.....	10,407	7.9	121,174	1.9	104	.4									5,337	3.6			1,209	.2	138,231	1.8
Total.....	131,364	1.7	6,354,494	82.9	28,101	.4	22,529	.3	21,134	.3	381,783	5.0	6,763	.1	147,180	1.9	1,893	.3	570,774	7.4	7,666,015	100.0

<sup>a</sup> Species not reported.

## APPENDIX

## REGIONAL STUMPPAGE AND LOG PRICES IN WASHINGTON AND OREGON, 1930

The largest and heaviest stands of virgin timber in the United States are in Washington and Oregon. It is to be expected that the stumpage and log transactions reported from these States in 1930 would involve a relatively large volume



## WASHINGTON:

- 1-EASTERN
- 2-WESTERN

## OREGON:

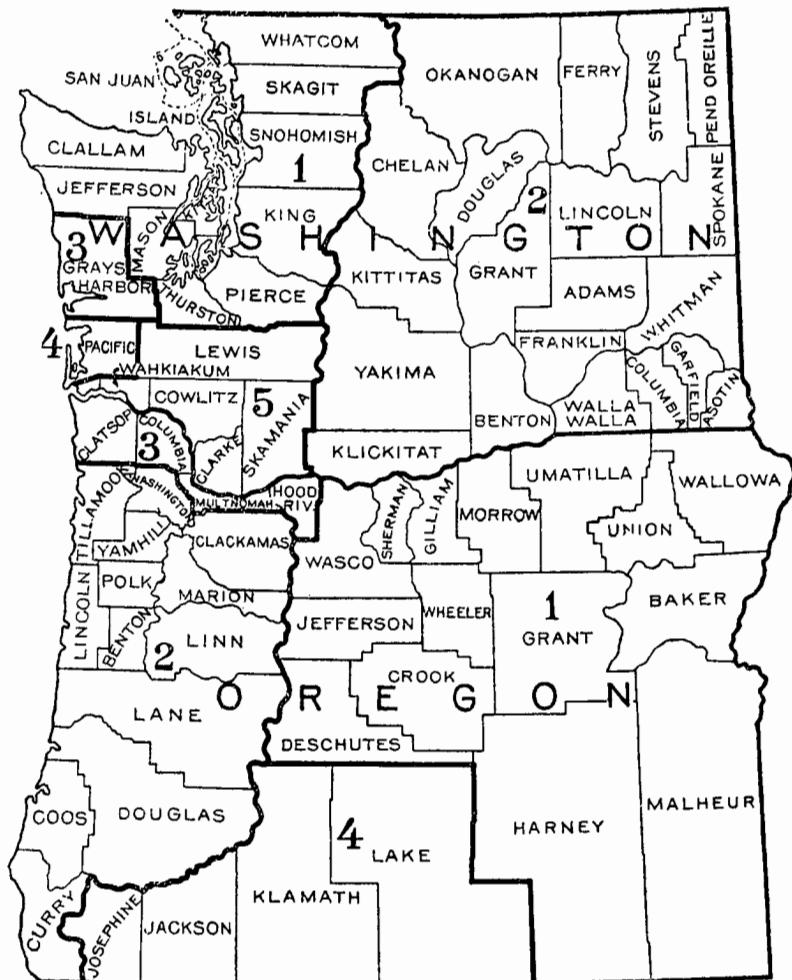
- 1-EASTERN
- 2-WESTERN
- 3-KLAMATH

FIGURE 2.—Stumpage regions in Washington and Oregon

of timber. Because of widely differing conditions within these two States, with regard both to timber stands and log markets, a separate analysis of the data from these States is justified.

Washington has two main timber regions of great dissimilarity, namely, eastern Washington and western Washington, the dividing line being roughly the crest of the Cascade Mountains. (Fig. 2.) Silvicultural conditions, principal species

of trees, methods of logging, and other important factors having a direct influence on stumpage prices vary greatly between the two regions. The average stands of timber are considerably heavier in western Washington than they are in eastern Washington. Douglas fir is the principal and, generally speaking, one of the



**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 3.—Log regions in Washington and Oregon

most desirable species of timber in western Washington, whereas in eastern Washington it is considered one of the inferior and less desirable species. The average stumpage prices reported in 1930 for Douglas fir were \$3.19 in western Washington and \$1.32 in eastern Washington.

Similarly, Oregon has three main timber regions: Eastern Oregon and western Oregon, the dividing line again being the Cascades, and the four south-central

counties (the Klamath region) which are similar in timber characteristics to northern California. Western Oregon has the heaviest stands of timber and eastern Oregon the lightest, and the Klamath region stands are between the two extremes. For reasons similar to those given for Washington, the average reported stumpage price of Douglas fir in western Oregon was \$2.27; in eastern Oregon, \$0.77; and in the Klamath region, \$0.54.

Washington has five natural regional log markets, as shown by Figure 3. The eastern Washington stumpage and log regions are geographically exactly the same; western Washington has, however, four log markets, i. e., Puget Sound, Grays Harbor, Willapa Harbor, and the Columbia River. There is at least as much dissimilarity between eastern and western Washington log markets as there is between the same stumpage regions.

Similarly the eastern Oregon and the Klamath log regions are identical, geographically, with the stumpage regions, whereas western Oregon has two natural log regions, the four western counties bordering on the Columbia River constituting the Columbia River log region, as distinct from the remainder of western Oregon.

In eastern Washington, eastern Oregon, and the Klamath regions there are, generally speaking, no standard log grades, and most of the logs are produced by concerns who also manufacture them into lumber or other products. In western Washington and Oregon a considerable quantity of the total logs are produced by independent logging concerns, and the majority of these logs are sold on a basis of a grade and scale which is determined by employees of log scaling and grading bureaus. Generally speaking, log grades and methods of scaling are fundamentally the same throughout western Washington and Oregon. There is more or less competition between log consumers in some of the regions and between consumers in the several regions. It is entirely possible that competition for logs between the several regions will become more acute in the future.

Tables 16 to 19 give average 1930 stumpage and log prices as indicated by reports received for Washington and Oregon and for the several regions, species, and type of sale. All averages are weighted, and all log prices are camp run.

TABLE 16.—*Stumpage sales in Washington, by regions, species, and type of sale, 1930*

REGION 1—EASTERN WASHINGTON

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western yellow pine.....	47	72,058	168,767	2.20	1.00- 4.25
Western white pine.....	4	835	3,539	4.24	2.00- 6.00
Western larch.....	10	1,068	1,268	1.19	.50- 1.50
Engelmann spruce.....	2	701	351	.50	-----
Western hemlock.....	1	20	10	.50	-----
Douglas fir.....	26	12,331	16,336	1.32	.40- 2.25
White fir.....	2	86	43	.50	-----
Western red cedar.....	2	95	95	1.00	-----
Total, average, or spread.....	94	87,193	180,409	2.07	.40- 6.00
Flat-rate softwoods.....	8	11,307	25,205	2.23	.60- 3.68
Regional total, average, or spread.....	102	98,500	205,614	2.09	.40- 6.00

REGION 2—WESTERN WASHINGTON

Individual softwoods:					
Western white pine.....	3	285	430	1.51	1.00- 5.00
Sitka spruce.....	14	48,062	168,004	3.50	3.00- 5.10
Western hemlock.....	30	192,272	206,000	1.07	1.00- 3.00
Douglas fir.....	125	716,868	2,283,549	3.19	.75- 6.25
White fir.....	2	3,024	3,024	1.00	-----
Western red cedar.....	39	218,883	720,506	3.29	1.40- 6.00
Total, average, or spread.....	213	1,179,384	3,382,212	2.87	.75- 6.25
Flat-rate softwoods.....	31	863,908	2,393,349	2.77	.28- 5.00
Individual hardwoods:					
Maple.....	8	74	370	5.00	1.50-10.00
Cottonwood.....	3	328	574	1.75	.95- 2.50
Alder.....	7	422	824	1.95	1.00- 2.50
Total, average, or spread.....	13	824	1,768	2.15	.95-10.00
Regional total, average, or spread.....	257	2,044,206	5,777,329	2.83	.28-10.00

## STUMPPAGE AND LOG PRICES FOR THE CALENDAR YEAR 1930 55

TABLE 16.—*Stumpage sales in Washington, by regions, species, and type of sale, 1930—Continued*

## STATE TOTAL

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western yellow pine.....	47	72,058	158,767	2.20	1.00- 4.25
Western white pine.....	7	1,120	3,969	3.64	1.06- 6.00
Western larch.....	10	1,068	1,208	1.18	.50- 1.50
Engelmann spruce.....	2	701	351	.50	
Sitka spruce.....	14	48,062	168,004	3.50	3.00- 5.10
Western hemlock.....	31	192,292	206,619	1.07	.50- 3.00
Douglas fir.....	161	729,189	2,299,885	3.15	.75- 6.25
White fir.....	4	3,109	3,067	.99	.50- 1.00
Western red cedar.....	41	218,978	720,691	3.29	1.00- 6.00
Total, average, or spread.....	307	1,266,577	3,562,621	2.81	.50- 6.25
Flat-rate softwoods.....	39	875,305	2,418,554	2.76	.28- 5.00
All softwoods.....	346	2,141,882	5,981,175	2.79	.28- 6.25
Individual hardwoods:					
Maple.....	3	74	370	5.00	1.50-10.00
Cottonwood.....	3	328	574	1.75	.95- 2.50
Alder.....	7	422	824	1.95	1.00- 2.50
Total, average, or spread.....	13	824	1,768	2.15	.95-10.00
State total, average, or spread.....	359	2,142,706	5,982,943	2.79	.28-10.00

TABLE 17.—*Log sales in Washington, by regions, species, and type of sale, 1930*

## REGION 1—PUGET SOUND

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western white pine.....	23	1,092	16,064	14.71	9.00- 20.60
Sitka spruce.....	48	68,123	1,201,240	17.63	8.70- 34.00
Western hemlock.....	75	602,108	6,034,780	10.02	4.08- 14.00
Douglas fir.....	232	1,888,572	28,845,995	15.27	3.48- 37.00
White fir.....	12	22,606	238,034	10.53	6.00- 11.09
Western red cedar.....	140	317,009	4,202,946	13.26	6.00- 28.00
Total, average, or spread.....	530	2,899,510	40,539,059	13.98	3.48- 37.00
Flat-rate softwoods.....	8	138,547	1,727,708	12.47	5.50- 14.12
Individual hardwoods:					
Oak.....	3	127	6,115	48.15	45.00- 50.00
Maple.....	19	1,254	24,205	19.30	10.00- 20.00
Ash.....	2	6	120	20.00	
Cottonwood.....	4	2,333	31,494	13.50	9.00- 14.00
Birch.....	2	2	60	30.00	20.00- 40.00
Alder.....	32	5,279	78,583	14.89	11.00- 18.00
Total, average, or spread.....	62	9,001	140,577	15.62	9.00- 50.00
Regional total, average, or spread.....	600	3,047,058	42,407,344	13.92	3.48- 50.00

## REGION 2—EASTERN WASHINGTON

Individual softwoods:					
Western yellow pine.....	41	40,213	474,368	11.80	7.00- 14.50
Western white pine.....	8	3,446	64,362	18.68	17.00- 20.00
Western larch.....	6	2,060	18,255	8.86	7.00- 11.00
Engelmann spruce.....	4	659	7,960	12.08	8.00- 13.50
Western hemlock.....	1	60	600	10.00	
Douglas fir.....	17	7,519	72,447	9.64	7.00- 12.00
White fir.....	3	546	5,454	9.99	8.50- 12.00
Western red cedar.....	4	302	3,437	11.38	8.00- 13.00
Total, average, or spread.....	84	54,805	646,883	11.80	7.00- 20.00
Flat-rate softwoods.....	2	150	850	5.67	5.00- 6.00
Individual hardwoods:					
Cottonwood.....	1	11	99	9.00	
Birch.....	1	1	12	12.00	
Total, average, or spread.....	2	12	111	9.25	9.00- 12.00
Region total, average, or spread.....	88	54,967	647,844	11.79	5.00- 20.00

TABLE 17.—*Log sales in Washington, by regions, species, and type of sale, 1930—Continued*

## REGION 3—GRAYS HARBOR

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western white pine.....	11	3,522	56,501	16.04	8.00—19.08
Sitka spruce.....	50	97,265	1,080,698	17.28	11.00—40.00
Western hemlock.....	25	222,724	1,923,143	8.63	7.93—11.65
Douglas fir.....	68	562,241	9,011,157	16.03	7.00—30.92
White fir.....	4	477	4,902	10.47	7.78—10.56
Western red cedar.....	20	98,776	1,547,399	15.67	11.00—18.40
Total, average, or spread.....	178	985,005	14,223,800	14.44	7.00—40.00
Individuals hardwoods:					
Maple.....	2	49	718	14.65	10.75—15.00
Cottonwood.....	1	280	3,640	13.00	-----
Alder.....	3	202	4,361	14.03	12.00—15.00
Total, average, or spread.....	6	621	8,719	14.04	10.75—15.00
Regional total, average, or spread.....	184	985,626	14,232,600	14.44	7.00—40.00

## REGION 4—WILLAPA HARBOR

Individual softwoods:					
Sitka spruce.....	15	18,153	312,244	17.20	12.00—29.00
Western hemlock.....	13	22,169	178,484	8.05	7.17—15.00
Douglas fir.....	10	76,040	1,199,620	15.78	12.00—20.00
Western red cedar.....	13	24,640	332,850	13.51	9.00—17.00
Total, average, or spread.....	51	141,007	2,023,216	14.35	7.17—29.00
Individual hardwoods (alder).....	1	89	1,513	17.00	-----
Regional total, average, or spread.....	52	141,096	2,024,729	14.35	7.17—29.00

## REGION 5—COLUMBIA RIVER

Individual softwoods:					
Sitka spruce.....	5	141	1,501	10.65	10.00—12.00
Western hemlock.....	15	18,377	167,318	9.10	3.30—10.00
Douglas fir.....	79	226,320	2,901,703	13.22	4.00—38.77
Western red cedar.....	28	35,383	406,153	11.48	3.78—24.47
Total, average, or spread.....	127	280,221	3,506,675	12.73	3.30—38.77
Flat-rate softwoods.....	1	43,694	305,282	8.36	-----
Individual hardwoods:					
Oak.....	1	103	5,150	50.00	-----
Maple.....	4	210	16,290	77.57	17.00—175.00
Ash.....	1	10	180	18.00	-----
Cottonwood.....	1	70	840	12.00	-----
Alder.....	4	450	7,015	15.59	15.00—19.00
Total, average, or spread.....	11	843	29,475	34.96	12.00—175.00
Regional total, average, or spread.....	130	324,758	3,981,432	12.20	3.30—175.00

## STATE TOTAL

Individual softwoods:					
Western yellow pine.....	41	40,213	474,368	11.80	7.00—14.50
Western white pine.....	42	8,060	136,927	16.99	8.00—20.60
Western larch.....	6	2,060	18,265	8.80	7.00—11.00
Engelmann spruce.....	4	659	7,060	12.05	8.00—13.50
Sitka spruce.....	118	183,687	3,195,683	17.40	8.70—40.00
Western hemlock.....	120	865,438	8,304,326	9.00	3.30—15.00
Douglas fir.....	406	2,760,692	42,120,931	15.26	3.48—38.77
White fir.....	10	23,629	248,480	10.52	6.00—12.00
Western red cedar.....	205	476,110	6,492,794	13.64	3.78—28.00
Total, average, or spread.....	970	4,360,548	60,099,723	13.90	3.30—40.00
Flat-rate softwoods.....	11	182,391	2,093,840	11.48	5.00—14.12
All softwoods.....	981	4,542,939	63,093,593	13.89	3.30—40.00
Individual hardwoods:					
Oak.....	4	230	11,265	48.98	45.00—50.00
Maple.....	25	1,513	41,213	27.24	10.00—175.00
Ash.....	3	16	300	18.75	18.00—20.00
Cottonwood.....	7	2,094	36,073	13.39	9.00—14.00
Birch.....	3	3	72	24.00	12.00—40.00
Alder.....	40	6,110	91,472	14.97	11.00—10.00
Total, average, or spread.....	82	10,560	180,395	17.07	9.00—175.00
State total, average, or spread.....	1,063	4,553,505	63,273,958	13.90	3.30—175.00

TABLE 18.—*Stumpage sales in Oregon, by regions, species, and type of sale, 1930*

## REGION 1—EASTERN OREGON

Type of sale and species	Transactions	Quantity	Value	Average price per thousand	Price range
	Number	M ft. b. m.	Dollars	Dollars	Dollars
Individual softwoods:					
Western yellow pine.....	28	42,740	118,428	2.77	1.00-3.00
Western larch.....	1	150	150	1.00	
Engelmann spruce.....	1	25	25	1.00	
Douglas fir.....	7	463	355	.77	.60-1.00
Total, average, or spread.....	37	43,378	118,956	2.74	.50-3.00
Flat-rate softwoods.....	5	15,055	20,492	1.36	1.00-1.90
Regional total, average, or spread.....	42	58,433	139,448	2.39	.50-3.00

## REGION 2—WESTERN OREGON

Individual softwoods:					
Western yellow pine.....	2	3,650	10,888	2.98	1.75- 3.00
Sitka spruce.....	4	13,318	55,923	4.20	1.00- 5.00
Western hemlock.....	12	69,331	79,170	1.14	.31- 2.00
Douglas fir.....	140	963,198	2,185,312	2.27	.65- 5.60
White fir.....	9	5,502	8,510	1.55	.50- 2.00
Incense cedar.....	1	75	75	1.00	
Western red cedar.....	14	5,207	6,241	1.20	1.00- 3.00
Port Orford cedar.....	5	1,222	11,789	9.65	5.00-12.00
Total, average, or spread.....	187	1,061,503	2,357,908	2.22	.31-12.00
Flat-rate softwoods.....	17	410,050	1,016,523	2.42	.50- 3.98
Individual hardwoods:					
Maple.....	2	280	901	3.15	2.50- 3.50
Ash.....	1	4	6	1.50	
Cottonwood.....	4	340	510	1.50	
Alder.....	4	899	1,715	1.91	1.00- 2.00
Total, average, or spread.....	11	1,529	3,132	2.05	1.00- 3.50
Regional total, average, or spread.....	215	1,482,982	3,377,563	2.28	.31-12.00

## REGION 3—KLAMATH

Individual softwoods:					
Western yellow pine.....	37	88,754	413,760	4.66	2.00-6.50
Sugar pine.....	12	4,079	10,571	2.59	1.50-3.00
Douglas fir.....	13	27,950	15,093	.54	.25-1.60
White fir.....	3	1,807	1,150	.64	.20-.75
Incense cedar.....	3	147	45	.31	.20-.50
Total, average, or spread.....	68	122,737	440,609	3.58	.20-8.50
Flat-rate softwoods.....	4	1,510	2,135	1.41	1.00-1.50
Regional total, average, or spread.....	72	124,247	442,744	3.56	.20-6.50

## STATE TOTAL

Individual softwoods:					
Western yellow pine.....	67	135,144	543,064	4.02	1.00- 8.50
Sugar pine.....	12	4,079	10,571	2.59	1.50- 3.00
Western larch.....	1	150	150	1.00	
Engelmann spruce.....	1	25	25	1.00	
Sitka spruce.....	4	13,318	55,923	4.20	1.00- 5.00
Western hemlock.....	12	69,331	79,170	1.14	.31- 2.00
Douglas fir.....	160	991,611	2,200,760	2.22	.25- 5.60
White fir.....	12	7,309	9,060	1.32	.20- 2.00
Incense cedar.....	4	222	120	.54	.20- 1.00
Western red cedar.....	14	5,207	6,241	1.20	1.00- 3.00
Port Orford cedar.....	5	1,222	11,789	9.65	5.00-12.00
Total, average, or spread.....	292	1,227,618	2,917,473	2.38	.20-12.00
Flat-rate softwoods.....	26	436,515	1,039,150	2.38	.50- 3.98
All softwoods.....	318	1,664,133	3,956,623	2.38	.20-12.00
Individual hardwoods:					
Maple.....	2	286	901	3.15	2.50- 3.50
Ash.....	1	4	6	1.50	
Cottonwood.....	4	340	510	1.50	
Alder.....	4	899	1,715	1.91	1.00- 2.00
Total, average, or spread.....	11	1,529	3,132	2.05	1.00- 3.50
State total, average, or spread.....	329	1,665,682	3,959,755	2.38	.20-12.00

TABLE 19.—*Log sales in Oregon, by regions, species, and type of sale, 1930*  
REGION 1—EASTERN OREGON

Species	Transactions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:					
Western yellow pine.....	Number 11	M ft. b. m. 24,291	Dollars 325,056	Dollars 13.38	Dollars 6.73-15.60
Western larch.....	3	218	1,062	9.00	8.49-10.39
Douglas fir.....	3	288	2,480	8.61	8.49-10.39
Regional total, average, or spread.....	17	24,797	329,498	13.29	6.73-15.60

## REGION 2—WESTERN OREGON

Individual softwoods:					
Western yellow pine.....	1	100	1,100	11.00	-----
Western white pine.....	1	30	447	14.90	-----
Sitka spruce.....	21	70,374	935,879	13.30	6.00-29.00
Western hemlock.....	19	51,330	546,765	10.63	6.00-12.62
Douglas fir.....	107	383,061	4,679,284	12.20	2.40-18.92
White fir.....	4	4,932	53,862	10.92	9.00-16.44
Incense cedar.....	1	3,487	46,098	13.22	-----
Western red cedar.....	19	32,826	374,806	11.42	6.38-15.40
Port Orford cedar.....	12	66,112	2,588,961	39.16	15.00-68.02
Total, average, or spread.....	185	612,852	9,226,192	15.05	2.40-58.62
Flat-rate softwoods.....	1	17,300	100,988	11.56	-----
Individual hardwoods:					
Oak.....	1	15	375	25.00	-----
Maple.....	3	531	11,682	22.00	-----
Cottonwood.....	6	505	5,260	10.42	10.00-12.00
Alder.....	3	831	9,404	11.32	11.00-13.50
Total, average, or spread.....	13	1,882	26,721	14.20	10.00-25.00
Regional total, average, or spread.....	199	632,034	9,452,901	14.96	2.40-58.62

## REGION 3—COLUMBIA RIVER

Individual softwoods:					
Western yellow pine.....	1	3,694	46,175	12.50	-----
Sitka spruce.....	18	45,927	814,200	17.73	10.00-22.00
Western hemlock.....	19	146,894	1,584,730	10.79	8.00-13.25
Douglas fir.....	64	735,027	10,918,654	14.85	5.00-22.00
White fir.....	5	6,277	82,808	13.10	10.00-14.50
Western red cedar.....	31	22,901	275,583	12.03	7.00-16.00
Total, average, or spread.....	138	980,720	13,722,150	14.28	5.00-22.00
Flat-rate softwoods.....	2	114,000	1,458,000	12.79	12.50-13.25
Regional total, average, or spread.....	140	1,074,720	15,180,150	14.12	5.00-22.00

## REGION 4—KLAMATH

Individual softwoods:					
Western yellow pine.....	33	57,760	806,071	13.96	7.00-16.00
Sugar pine.....	13	5,911	87,791	14.85	7.50-17.00
Douglas fir.....	10	1,181	9,094	7.70	2.00-12.00
Incense cedar.....	1	7	74	10.57	-----
Western red cedar.....	2	42	546	13.00	-----
Total, average, or spread.....	59	64,910	904,176	13.03	2.00-17.00
Flat-rate softwoods.....	1	500	3,600	7.00	-----
Regional total, average, or spread.....	60	65,410	907,676	13.88	2.00-17.00

TABLE 19.—*Log sales in Oregon, by regions, species, and type of sale, 1930—Contd.*

## STATE TOTAL

Species	Transactions	Quantity	Value	Average price per thousand	Price range
Individual softwoods:					
Western yellow pine	46	85,854	1,179,002	13.73	6.73-16.00
Western white pine	1	30	447	14.85	7.50-17.00
Sugar pine	13	5,911	87,791	14.85	8.40-10.39
Western larch	3	218	1,962	9.00	6.00-29.00
Sitka spruce	39	116,301	1,750,079	15.05	6.00-13.25
Western hemlock	38	198,224	2,130,495	10.75	6.00-13.25
Douglas fir	184	1,120,157	15,609,512	13.94	2.00-22.00
White fir	9	11,208	136,670	12.19	9.00-16.44
Incense cedar	2	3,494	48,172	13.21	10.57-13.22
Western red cedar	52	55,769	650,935	11.67	6.38-15.40
Port Orford cedar	12	66,112	2,588,951	39.16	15.00-58.62
Total, average, or spread	399	1,663,279	24,182,016	14.54	2.00-58.62
Flat-rate softwoods	4	131,800	1,661,488	12.61	7.00-13.25
All softwoods	403	1,795,079	25,843,504	14.40	2.00-58.62
Individual hardwoods:					
Oak	1	15	375	25.00	-----
Maple	3	531	11,682	22.00	-----
Cottonwood	6	505	5,280	10.42	10.00-12.00
Alder	3	831	9,404	11.32	11.00-13.50
Total, average, or spread	13	1,882	26,721	14.20	10.00-25.00
State total, average, or spread	416	1,796,961	25,870,225	14.40	2.00-58.62