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UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL BULLETIN No. 82

Washington, D. C.



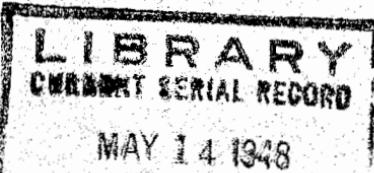
February 1948

STUMPPAGE AND LOG PRICES
FOR THE CALENDAR YEAR
1945

Compiled by

Henry B. Steer

Forest Economist, Division of Forest Economics,
Forest Service



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¹ A large part of the statistical work was done by Irene W. Uderitz.

INTRODUCTION

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

METHOD OF SURVEY

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

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

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

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

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

FACTORS AFFECTING PRICES

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

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

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

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

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

DESCRIPTION OF TABLES

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

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

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

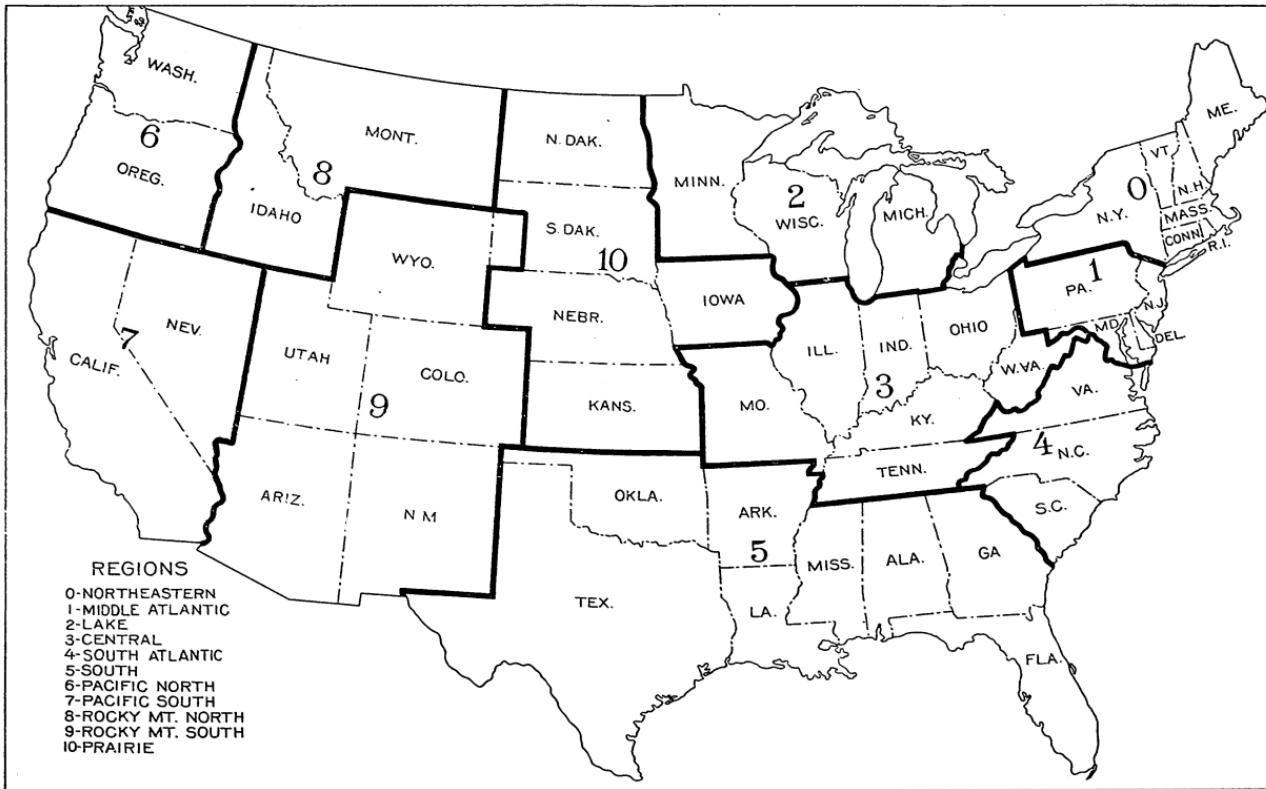


FIGURE 1.—Stumpage and log regions in the United States.

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

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

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

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

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



WASHINGTON:

- 1-EASTERN
- 2-WESTERN

OREGON:

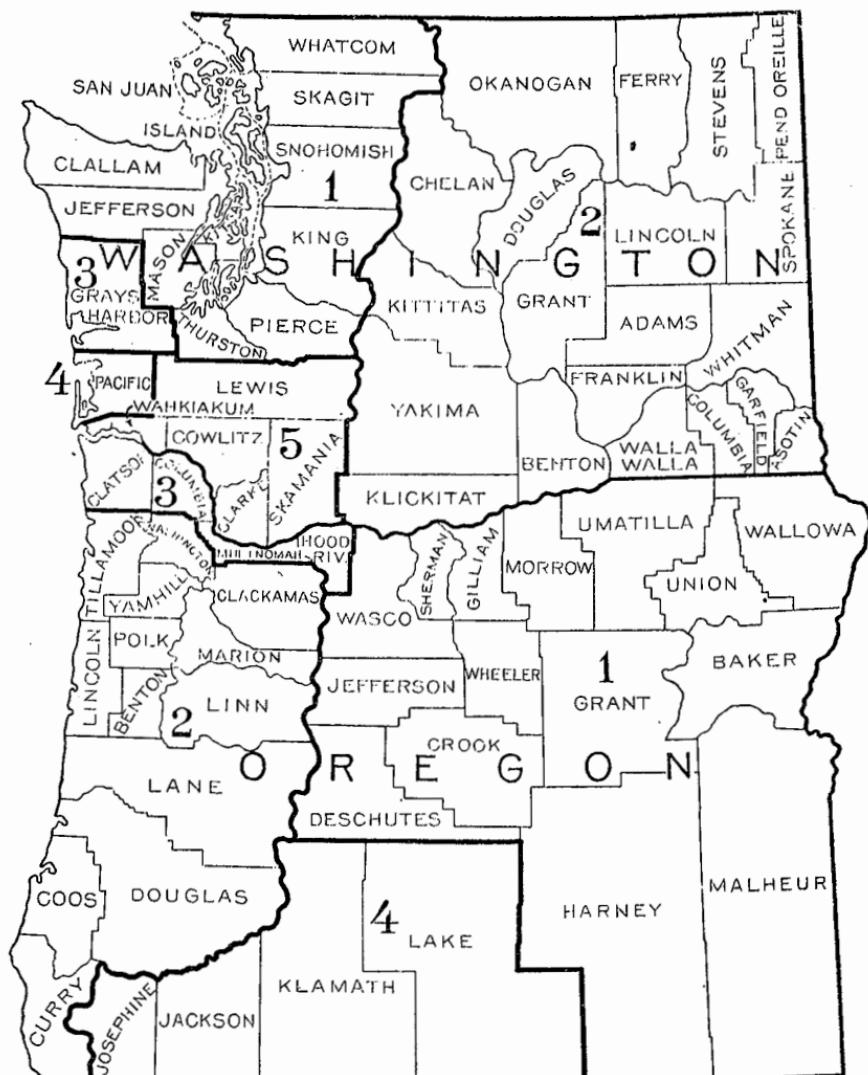
- 1-EASTERN
- 2-WESTERN
- 3-KLAMATH

STUMPAGE REGIONS

FIGURE 2.—Stumpage regions in Washington and Oregon.



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



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

OREGON
 1—EASTERN
 2—WESTERN
 3—COLUMBIA RIVER
 4—KLAMATH

LOG REGIONS

FIGURE 4.—Log regions in Washington and Oregon.

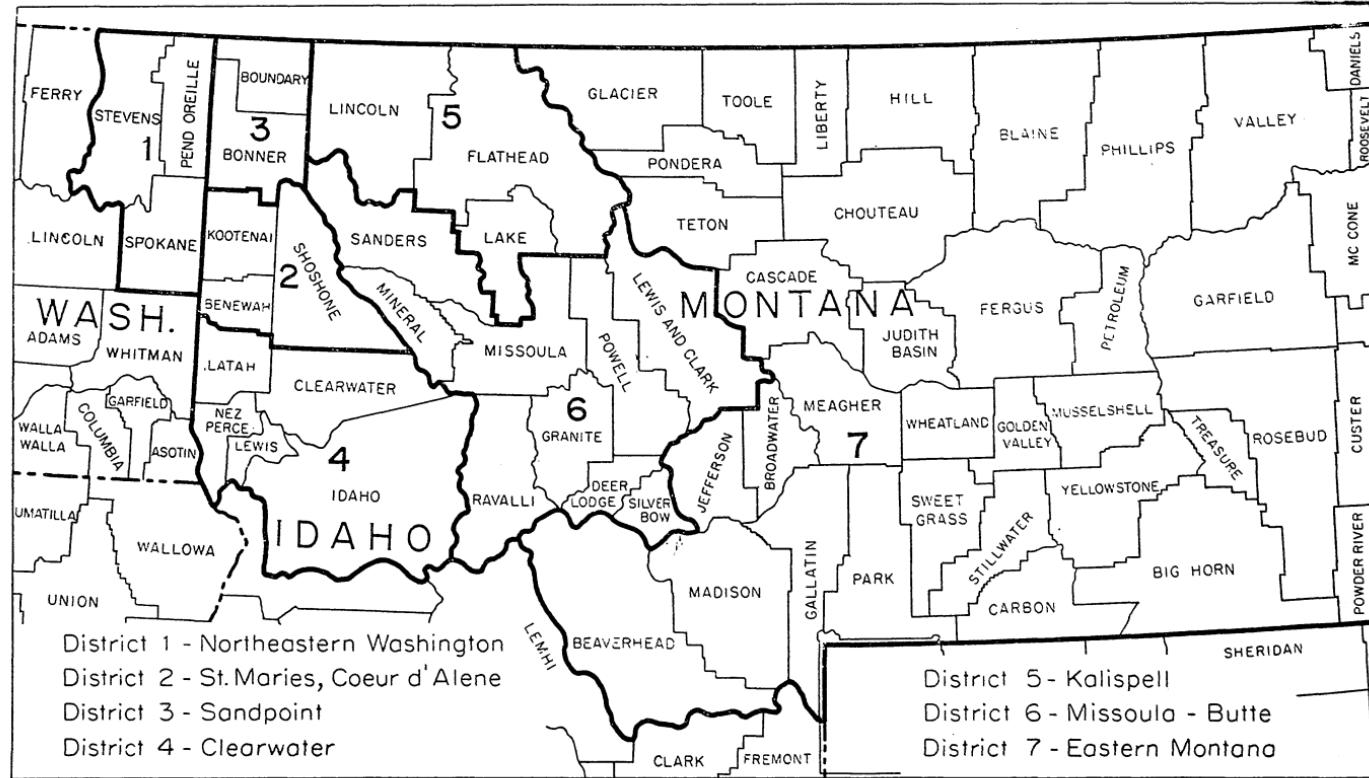


FIGURE 5.—Northern Rocky Mountain region, showing lumber-producing districts.

COMPARISON OF 1945 AND 1943 DATA

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

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

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

	EASTERN SPECIES	Returns per M	
		Average price	Percent increase
Softwood stumpage:			
1943	-----	\$9. 04	
1945	-----	9. 22	2
Hardwood stumpage:			
1943	-----	9. 74	
1945	-----	11. 52	18
Softwood logs:			
1943	-----	22. 92	
1945	-----	30. 50	33
Hardwood logs:			
1943	-----	48. 74	
1945	-----	55. 86	15

	WESTERN SPECIES ¹	Returns per M	
		Average price	Percent increase
Softwood stumpage:			
1943-----		\$2. 90	
1945-----		2. 95	2
Softwood logs:			
1943-----		23. 58	
1945-----		24. 57	4

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

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

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

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

STUMPPAGE SALES—EASTERN SPECIES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Norway pine.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
19	1,688	10,930	3.00- 18.00	6.48	7.13	
Jack pine.....	45	8,531	39,676	2.00- 25.00	4.65	5.19
Northern white pine.....	175	42,678	355,776	1.82- 30.00	8.34	7.83
Pitch pine.....	2	81	973	12.00- 12.25	12.01	5.50
Longleaf pine.....	6	6,694	90,125	8.00- 25.00	13.46	9.97
Shortleaf pine.....	194	90,290	964,176	2.67- 31.00	10.68	9.56
Southern pine, unspecified.....	198	86,389	666,107	1.97- 28.57	7.71	9.92
All southern pine.....	398	183,373	1,720,408	1.97- 31.00	9.38	9.70
Tamarack.....	4	710	735	1.00- 2.00	1.04	3.26
Eastern spruce.....	84	49,280	317,509	4.00- 15.17	6.44	6.41
Eastern hemlock.....	76	89,622	300,992	1.00- 30.00	3.36	4.51
Balsam fir.....	47	27,412	126,633	2.00- 8.00	4.47	4.04
Cypress.....	3	462	3,982	6.00- 18.00	8.62	10.74
Northern white cedar.....	6	230	511	1.00- 6.00	2.22	4.39
Southern white cedar.....						5.21
Eastern red cedar.....	10	575	12,155	7.14- 41.67	21.14	20.40
Total average or spread.....	878	404,642	2,890,280	1.00- 41.67	7.14	9.04
Individual hardwoods:						
Willow.....						3.00
Oak.....	165	22,999	248,342	2.78- 36.00	10.80	8.49
Red oak.....	52	3,633	45,157	4.00- 50.00	12.43	9.42
White oak.....	33	4,302	83,150	7.00- 65.22	19.33	13.31
All oaks.....	250	30,934	376,658	2.78- 65.22	12.18	9.49
Soft maple.....	23	1,308	11,042	4.00- 30.00	8.44	9.62
Hard maple.....	31	13,179	99,652	4.00- 35.00	7.56	9.78
Maple.....	94	27,019	237,874	2.00- 37.33	8.80	10.24
All maples.....	148	41,506	348,568	2.00- 37.33	8.40	10.00

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

STUMPAGE SALES—EASTERN SPECIES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Elm	Number 46	Mft. b. m. 2,309	Dollars 19,000	Dollars 1.50–27.50	Dollars 7.92	Dollars 9.08
Rock elm						27.51
Ash	37	2,198	31,334	1.50–40.00	14.26	11.88
Black walnut	11	70	2,858	20.00–156.25	40.83	47.73
Butternut						20.00
Red gum	30	12,177	110,127	1.00–28.30	9.04	9.05
Tupelo gum	5	259	3,712	12.25–15.00	14.33	5.65
Black gum	1	70	700		10.00	7.81
Sycamore	11	342	8,656	6.00–15.00	10.69	7.99
Locust	1	4	49		12.25	0.62
Aspen	66	8,204	24,354	.80–18.00	2.95	4.92
Cottonwood	16	686	6,346	6.00–25.15	9.25	7.37
Yellow poplar	44	2,619	38,704	2.00–50.00	14.78	11.08
Birch	56	35,547	628,708	1.00–35.00	17.09	12.81
Pecan						4.02
Hickory	17	1,180	12,062	5.00–25.00	10.14	8.97
Cherry	7	56	860	6.67–30.00	15.36	10.43
Basswood	40	2,570	30,113	3.50–50.00	11.72	12.66
Chestnut	3	111	374	2.00–6.00	3.37	4.51
Beech	52	3,651	37,257	1.00–30.00	10.20	7.50
Hackberry	1	13	195		15.00	7.46
Magnolia	4	84	741	7.00–12.00	8.82	7.43
Buckeye	3	23	108	1.50–15.00	7.30	4.44
Total average or spread	858	144,772	1,676,544	.80–156.25	11.58	9.74
Flat-rate softwoods	42	47,282	405,731	3.46–15.00	8.58	5.56
Flat-rate hardwoods	340	97,086	836,267	1.07–81.17	8.61	7.74
Flat-rate mixed	247	242,461	2,481,164	1.22–30.00	10.23	7.49
Total average or spread, all species	2,365	936,243	8,289,986	.80–156.25	8.85	8.31

STUMPAGE SALES—WESTERN SPECIES

Individual softwoods:						
Ponderosa pine	499	1,506,177	6,589,514	0.13–10.00	4.21	4.31
Western white pine	35	13,910	63,032	.75–8.00	4.53	8.15
Lodgepole pine	30	3,475	9,846	2.00–4.00	2.83	2.21
Sugar pine	114	182,882	789,941	2.00–12.00	4.32	5.43
Western larch	75	25,550	49,896	.50–4.00	1.95	1.60
Engelmann spruce	39	7,463	19,726	1.00–4.00	2.64	2.26
Sitka spruce	50	44,078	150,720	.82–8.50	3.42	4.34
Western hemlock	157	843,129	1,265,211	.20–4.90	1.50	1.74
Douglas fir	1,012	4,590,128	12,694,950	.23–13.00	2.77	3.47
White fir	170	481,772	993,728	.28–8.00	2.06	1.73
Redwood	72	266,654	633,898	1.25–7.50	2.38	2.10
Incense cedar	78	70,333	124,937	.45–3.66	1.78	1.90
Western red cedar	102	152,771	544,919	.75–7.62	3.57	4.59
Port Orford cedar	10	53,706	640,444	5.00–15.00	11.92	9.44
Total average or spread	2,443	8,302,028	24,570,762	.13–15.00	2.96	3.46
Individual hardwoods:						
Oak	4	197	2,845	10.00–15.00	14.44	9.14
Maple	4	96	261	1.20–5.00	2.72	1.47
Ash						7.36
Cottonwood	12	652	1,452	1.50–6.00	2.23	6.96
Alder	26	10,620	10,299	.20–5.00	.97	1.75
Myrtle	1	50	500		10.00	
Total average or spread	47	11,615	16,357	.20–15.00	1.32	5.76
Flat-rate softwoods	351	1,822,981	4,027,836	.35–9.00	2.21	1.71
Total average or spread, all species	2,841	10,136,624	28,612,955	.13–15.00	2.82	2.90

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

LOG SALES—EASTERN SPECIES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:	<i>Number</i>	<i>M ft. b. m.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Norway pine.....	11	303	9,139	12.00- 43.00	30.16	29.82
Jack pine.....	14	696	16,004	19.00- 55.00	27.86	24.92
Northern white pine.....	95	9,098	265,743	16.00- 84.60	29.21	27.28
Pitch pine.....						26.00
Longleaf pine.....	1	480	24,000	20.00- 45.00	50.00	20.64
Shortleaf pine.....	15	3,103	114,938	16.70- 49.25	37.04	20.14
Southern pine, unspecified.....	24	83,971	1,510,075		17.98	18.71
All southern pine.....	40	87,554	1,649,013	16.70- 50.00	18.83	20.09
Tamarack.....	2	6	175	25.00- 50.00	29.17	20.00
Easteren spruce.....	38	3,622	129,404	20.00- 46.00	35.73	29.52
Easteren hemlock.....	52	31,165	946,800	17.00- 45.00	30.38	25.71
Balsam fir.....	5	816	27,093	26.00- 33.50	33.20	33.65
Cypress.....	5	1,843	43,806	20.42- 34.19	23.77	23.97
Northern white cedar.....	3	12	335	20.00- 30.90	27.92	20.14
Easteren red cedar.....	1	92	4,600		50.00	49.47
Total average or spread.....	266	135,107	3,092,712	12.00- 84.60	22.89	23.52
Individual hardwoods:						
Willow.....						21.50
Oak.....	66	6,400	191,223	20.00-100.00	29.88	24.68
Red oak.....	16	1,393	64,260	16.00- 78.42	46.13	31.79
White oak.....	11	536	41,370	20.00-110.00	77.18	41.09
All oaks.....	93	8,329	296,853	16.00-110.00	35.64	30.67
Soft maple.....	33	863	33,991	21.00- 71.00	39.39	30.47
Hard maple.....	63	17,243	762,207	22.00- 96.00	44.20	38.88
Maple.....	54	2,999	216,104	22.00-130.00	72.06	60.25
All maples.....	150	21,105	1,012,302	21.00-130.00	47.97	53.34
Elm.....	84	2,646	135,134	19.50- 67.32	51.07	36.56
Rock elm.....						22.81
Ash.....	55	788	35,860	15.00- 83.00	45.51	40.05
Black walnut.....	12	572	82,398	34.17-171.50	144.05	104.86
Butternut.....	4	5	255	29.00- 86.80	51.00	35.83
Red gum.....	31	10,422	401,651	20.00- 84.77	38.54	37.30
Tupelo gum.....	1	14	742		53.00	25.53
Black gum.....	4	739	27,420	12.00- 40.00	37.10	28.81
Sycamore.....	13	577	26,526	22.00- 76.58	45.97	24.82
Locust.....						26.86
Aspen.....	64	7,856	211,685	8.00- 58.80	26.95	26.28
Cottonwood.....	10	1,003	44,779	22.00- 58.95	44.65	22.76
Yellow poplar.....	20	2,212	117,854	25.00- 90.00	53.28	50.55
Birch.....	86	15,714	1,207,368	24.00-128.00	76.83	80.70
Pecan.....						17.59
Hickory.....	9	210	7,627	23.00- 52.50	36.32	31.41
Cherry.....	14	135	5,843	28.00- 63.00	43.28	39.03
Basswood.....	93	2,975	190,829	23.00- 89.00	64.14	52.89
Chestnut.....	1	43	1,290		30.00	22.30
Beech.....	42	2,789	88,657	20.00- 60.00	31.79	26.84
Blackberry.....	3	19	1,392	58.80- 79.80	73.26	16.87
Magnolia.....	2	5	244	48.39- 50.00	48.80	29.02
Persimmon.....						65.00
Buckeye.....						19.44
Total average or spread.....	790	78,158	3,896,709	8.00-171.50	49.86	48.74
Flat-rate softwoods.....	2	135	3,770	26.00- 28.00	27.93	23.58
Flat-rate hardwoods.....	72	16,597	605,112	22.00-103.84	36.46	27.76
Flat-rate mixed.....	31	49,803	1,437,261	18.00- 60.00	28.86	26.24
Total average or spread, all species.....	1,161	279,800	9,035,564	8.00-171.50	32.29	33.06

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

LOG SALES—WESTERN SPECIES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Western white pine	170	204,102	4,354,585	10.00- 42.33	21.34	18.42
Lodgepole pine	48	7,391	196,031	15.00- 34.00	26.52	25.33
Sugar pine	14	1,053	21,399	16.00- 23.00	20.32	19.12
Western larch	13	12,935	177,738	12.53- 26.00	13.74	16.88
Engelmann spruce	58	23,498	431,295	10.00- 28.60	18.35	14.83
Sitka spruce	17	2,877	54,634	14.50- 23.00	18.99	14.17
Western hemlock	87	137,944	3,560,734	11.00- 47.38	25.81	26.12
Douglas fir	133	489,788	11,466,978	10.00- 32.77	23.41	21.76
White fir	656	1,599,876	40,687,571	2.00- 43.00	25.43	24.36
Redwood	126	75,007	1,669,264	9.00- 39.20	22.25	25.35
Incense cedar	22	21,382	410,120	12.00- 38.50	19.18	16.21
Western red cedar	7	3,269	44,261	9.29- 18.60	13.54	10.10
Port Orford cedar	134	219,367	5,185,631	14.64- 38.75	23.64	24.19
						20.00
Total average or spread	1,485	2,798,489	68,260,238	2.00- 47.38	24.39	23.58
Individual hardwoods:						
Oak	2	52	1,278	14.00- 25.00	24.58	37.00
Maple	12	1,983	64,025	20.00- 37.50	32.29	31.79
Ash	1	160	3,750		25.00	27.89
Cottonwood	34	9,447	190,848	15.50- 27.00	20.20	20.56
Birch	3	82	2,637	30.00- 37.50	32.16	29.36
Alder	19	6,110	188,706	15.00- 37.50	30.88	28.05
Total average or spread	71	17,824	451,244	14.00- 37.50	25.32	26.47
Flat-rate softwoods	107	510,846	12,304,501	12.00- 32.00	23.67	22.62
Total average or spread, all species	1,663	3,336,159	81,015,983	2.00- 47.38	24.28	23.48

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

NORTHEAST—STUMPAGE SALES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Norway pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Jack pine	2	604	1,857	3.00- 4.00	3.68	5.91
Northern white pine	101	33,454	256,121	2.00- 20.00	7.63	7.07
Pitch pine						5.50
Eastern spruce	49	20,457	139,896	5.00- 11.00	6.84	6.49
Eastern hemlock	34	9,477	47,087	3.00- 30.00	4.97	6.30
Balsam fir	20	6,295	40,593	5.00- 8.00	6.45	4.66
Northern white cedar	1	29	87		3.00	5.50
Total average or spread	207	70,216	484,641	2.00- 30.00	6.90	6.87
Individual hardwoods:						
Oak	13	488	4,581	4.04- 20.00	9.39	13.28
Red oak	1	60	1,080		18.00	14.99
White oak						23.12
All oaks	14	548	5,661	4.94- 20.00	10.33	14.33
Soft maple	5	104	694	4.00- 7.00	6.67	6.31
Hard maple	12	3,931	24,854	4.00- 14.00	6.32	11.00
Maple	41	2,500	35,393	4.60- 30.00	13.67	12.51
All maples	58	6,625	60,941	4.00- 30.00	9.20	11.07

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

NORTHEAST—STUMPPAGE SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Elm	3	28	366	7.00– 15.00	13.07	10.63
Ash	4	61	738	6.00– 25.00	12.10	14.80
Aspen	5	971	4,491	4.00– 7.00	4.68	4.94
Yellow poplar	2	57	258	2.00– 20.00	4.53	13.38
Birch	33	13,388	88,721	4.00– 18.33	6.63	6.61
Hickory						14.58
Cherry	1	5	55		11.00	11.63
Basswood	7	126	1,395	6.00– 30.00	11.07	14.85
Beech	17	458	4,423	1.00– 15.00	0.66	7.21
Total average or spread	144	22,267	167,049	1.00– 30.00	7.50	10.41
Flat-rate softwoods	36	46,649	403,081	4.00– 15.00	8.64	5.61
Flat-rate hardwoods	72	34,443	240,923	2.25– 43.50	6.99	7.34
Flat-rate mixed	29	9,524	59,736	2.00– 15.00	6.27	6.72
Total average or spread, all species	488	183,099	1,355,430	1.00– 43.50	7.40	6.80

NORTHEAST—LOG SALES

Individual softwoods:						
Norway pine	32	6,111	159,352	20.00– 40.00	26.08	22.00
Jack pine						14.00
Northern white pine						22.52
Pitch pine						26.00
Shortleaf pine						23.05
Tamarack						20.00
Eastern spruce	18	2,958	106,575	20.00– 46.00	36.03	26.87
Eastern hemlock	12	627	15,144	19.27– 45.00	24.15	21.28
Balsam fir						24.61
Northern white cedar						16.80
Total average or spread	62	9,696	281,071	19.27– 46.00	28.99	22.72
Individual hardwoods:						
Oak	11	143	4,607	25.00– 53.87	31.52	30.34
Red oak	1	73	2,555		35.00	31.27
White oak	1	31	1,550		50.00	30.00
All oaks	13	247	8,612	25.00– 53.87	34.87	30.92
Soft maple	5	104	3,113	21.00– 34.17	29.03	29.37
Hard maple	8	2,329	96,059	30.18– 50.00	41.24	31.10
Maple	10	134	6,568	32.00– 70.00	49.01	73.12
All maples	23	2,567	105,740	21.00– 70.00	41.19	69.54
Elm	8	184	7,801	23.79– 57.00	42.40	41.39
Rock elm						20.00
Ash	3	16	482	26.00– 34.00	30.13	45.01
Black walnut	1	3	103		34.33	
Butternut						26.50
Aspen	5	170	5,304	28.00– 34.41	31.20	17.56
Yellow poplar	1	4	178		44.50	14.07
Birch	20	3,784	157,740	24.53– 50.00	41.69	58.58
Hickory	4	12	610	50.00– 52.50	50.83	34.58
Cherry	6	97	4,194	28.22– 57.63	43.24	40.69
Basswood	11	449	17,925	29.27– 52.16	39.92	40.90
Chestnut						50.00
Beech	18	1,275	44,932	22.80– 63.72	35.24	29.07
Magnolia	1	4	194		48.50	11.00
Total average or spread	114	8,812	363,815	21.00– 70.00	40.15	57.84
Flat-rate softwoods	1	130	3,640		28.00	21.25
Flat-rate hardwoods	15	6,568	309,676	24.02– 52.00	47.15	35.82
Flat-rate mixed	6	3,764	175,603	27.00– 50.00	46.65	39.26
Total average or spread, all species	198	28,970	1,123,805	19.27– 70.00	38.79	35.69

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

MIDDLE ATLANTIC—STUMPAGE SALES

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Northern white pine.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
10	1,896	22,687	10.00- 18.00	11.97	11.67	
Pitch pine.....	2	81	973	12.00- 12.25	12.01	
Shortleaf pine.....	7	1,156	12,056	6.00- 20.00	10.43	8.35
Eastern hemlock.....	11	1,520	16,544	6.00- 25.00	10.88	8.68
Cypress.....						13.27
Southern white cedar.....						2.58
Total average or spread.....	30	4,653	52,260	6.00- 25.00	11.23	8.78
Individual hardwoods:						
Oak.....	47	7,827	83,789	5.00- 36.00	10.71	9.01
Red oak.....	11	1,075	9,261	7.00- 12.25	8.61	9.97
White oak.....	2	111	875	7.25- 12.25	7.88	9.37
All oaks.....	60	9,013	93,925	5.00- 36.00	10.42	9.25
Soft maple.....	4	106	1,033	8.00- 12.25	9.75	6.44
Hard maple.....	1	33	594		18.00	12.72
Maple.....	6	2,060	31,070	6.50- 22.00	15.08	10.22
All maples.....	11	2,199	32,697	6.50- 22.00	14.87	10.10
Elm.....	2	301	1,810	6.00- 10.00	6.01	6.57
Ash.....	1	2	25		12.50	24.93
Black walnut.....						12.86
Red gum.....						14.85
Tupelo gum.....	1	4	49		12.25	
Sycamore.....						8.06
Locust.....	1	4	49		12.25	9.09
Yellow poplar.....	10	134	3,547	12.25- 35.00	26.47	12.39
Birch.....						9.72
Hickory.....	2	18	432	7.25- 25.00	24.00	9.89
Cherry.....						0.91
Basswood.....	2	23	254	10.00- 18.00	11.04	10.02
Chestnut.....						4.95
Beech.....	6	691	8,442	6.00- 20.00	12.22	6.74
Magnolia.....						12.97
Total average or spread.....	96	12,389	141,230	6.00- 36.00	11.40	9.52
Flat-rate softwoods.....						9.01
Flat-rate hardwoods.....	22	5,932	59,589	3.50- 20.00	10.05	6.69
Flat-rate mixed.....	41	8,637	83,680	5.06- 30.00	9.69	7.36
Total average or spread, all species.....	189	31,611	336,759	3.50- 36.00	10.65	8.14

MIDDLE ATLANTIC—LOG SALES

Individual softwoods:						
Northern white pine.....						20.61
Shortleaf pine.....						24.82
Eastern hemlock.....	1	4	108			23.41
Total average or spread.....	1	4	108			27.00
Individual hardwoods:						
Oak.....	2	132	3,370	25.00- 60.00	25.53	40.92
Red oak.....						24.56
White oak.....						40.53
All oaks.....	2	132	3,370	25.00- 60.00	25.53	35.57
Soft maple.....	1	1	27		27.00	26.81
Hard maple.....	1	2	62		31.00	33.82
Maple.....						28.03
All maples.....	2	3	89	27.00- 31.00	29.67	30.07

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

MIDDLE ATLANTIC—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Elm	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Ash	1	1	25	25.00	24.03	
Black walnut	1	7	385	55.00	47.91	
Red gum	1	1	125	125.00		
Sycamore	1	3	180	60.00	32.69	
Yellow poplar	3	120	7,095	25.00–60.00	59.13	43.30
Birch						24.79
Hickory						70.00
Cherry	2	12	344	28.00–30.00	28.67	33.01
Basswood	1	3	84	28.00	33.34	
Chestnut						10.00
Beech	1	31	837	27.00	22.92	
Total average or spread	15	313	12,634	25.00–125.00	40.04	34.68
Flat-rate softwoods						22.50
Flat-rate hardwoods	1	70	3,150		45.00	33.66
Flat-rate mixed	1	465	13,020		28.00	22.85
Total average or spread, all species	18	852	28,812	25.00–125.00	33.82	31.52

LAKE STATES—STUMPPAGE SALES

Individual softwoods:						
Norway pine	17	1,184	9,073	3.00–18.00	7.66	7.22
Jack pine	45	8,531	39,676	2.00–25.00	4.65	5.22
Northern pine	64	7,328	77,988	1.82–30.00	10.64	10.82
Tamarack	4	710	735	1.00–2.00	1.04	3.26
Eastern spruce	34	28,743	177,173	4.00–15.17	6.16	6.22
Eastern hemlock	28	76,905	232,888	1.00–25.00	3.03	3.26
Balsam fir	26	21,107	85,985	2.00–6.00	4.07	3.76
Northern white cedar	5	201	424	1.00–6.00	2.11	3.46
Total average or spread	223	144,709	823,922	1.00–30.00	4.31	5.72
Individual hardwoods:						
Oak	22	1,285	13,921	6.00–35.00	10.83	9.82
Red oak	4	167	2,645	15.00–50.00	15.84	10.89
White oak						25.09
All oaks	26	1,452	16,566	6.00–50.00	11.41	10.79
Soft maple	7	808	6,547	5.00–30.00	8.10	13.60
Hard maple	8	8,285	59,556	5.00–35.00	7.10	9.10
Maple	37	21,973	164,084	2.00–35.00	7.47	9.69
All maples	62	31,066	230,187	2.00–35.00	7.41	9.47
Elm	20	1,710	13,342	1.50–27.50	7.80	8.88
Rock elm						27.51
Ash	19	1,591	11,042	1.50–30.00	6.94	7.11
Black walnut						109.78
Sycamore	1	2	20		10.00	10.00
Aspen	61	7,293	19,863	.80–18.00	2.72	4.92
Cottonwood						15.00
Yellow poplar	2	2	70	20.00–50.00	35.00	13.00
Birch	21	22,005	538,953	1.00–35.00	24.49	16.70
Hickory	1	2	20		10.00	24.36
Cherry	2	33	470	6.67–15.00	14.24	17.73
Basswood	23	2,190	25,621	3.50–50.00	11.70	12.28
Beech	10	305	2,775	2.00–30.00	9.10	12.51
Total average or spread	244	67,651	858,929	.80–50.00	12.70	10.21
Flat-rate softwoods	3	553	2,250	3.46–15.00	4.07	4.59
Flat-rate hardwoods	89	10,643	107,613	1.74–31.33	10.11	9.67
Flat-rate mixed	61	21,885	196,006	1.22–25.00	8.96	7.48
Total average or spread, all species	620	245,441	1,788,720	.80–50.00	7.29	7.87

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

LAKE STATES—LOG SALES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Norway pine.....	11	303	9,139	12.00- 43.00	30.16	30.06
Jack pine.....	14	596	16,604	19.00- 55.00	27.86	25.02
Northern white pine.....	62	2,972	106,016	16.00- 84.60	35.67	33.71
Tamarack.....	2	6	175	25.00- 50.00	29.17	20.00
Eastern spruce.....	20	664	22,829	23.00- 43.00	34.38	33.17
Eastern hemlock.....	39	30,534	931,548	17.00- 40.00	30.51	26.28
Balsam fir.....	5	816	27,003	26.00- 33.50	33.20	33.97
Northern white cedar.....	3	12	335	20.00- 30.90	27.02	23.70
Total average or spread.....	156	35,903	1,113,739	12.00- 84.60	31.02	29.90
Individual hardwoods:						
Oak.....	36	776	39,816	22.00- 76.00	51.31	38.13
Red oak.....	4	309	23,304	30.00- 78.42	75.42	44.63
White oak.....	1	1	28		28.00	43.52
All oaks.....	41	1,086	63,148	22.00- 78.42	58.15	43.55
Soft maple.....	26	745	30,240	22.00- 71.00	40.59	38.88
Hard maple.....	53	14,841	659,696	22.00- 96.00	44.45	39.88
Maple.....	32	2,325	183,337	22.00-130.00	78.85	56.22
All maples.....	111	17,911	873,273	22.00-130.00	48.76	50.29
Elm.....	67	2,284	121,525	19.50- 67.32	53.21	39.59
Rock elm.....						29.46
Ash.....	40	609	21,666	15.00- 70.00	42.57	38.66
Black walnut.....	1	2	300		15.00	157.91
Butternut.....	4	5	255	29.00- 86.80	51.00	54.00
Sycamore.....	1	40	3,063		76.58	39.00
Aspen.....	59	7,686	206,381	8.00- 58.80	26.85	25.35
Cottonwood.....	1	367	21,635		58.95	35.14
Yellow poplar.....	1	5	350		70.00	
Birch.....	64	11,924	1,049,448	24.00-128.00	88.01	91.77
Hickory.....						47.50
Cherry.....	2	12	540	30.00- 50.00	45.00	39.33
Basswood.....	77	2,474	170,155	23.00- 89.00	68.78	55.50
Beech.....	14	1,232	34,303	20.00- 51.00	27.84	26.40
Hackberry.....	2	17	1,272	58.80- 79.80	74.82	40.00
Total average or spread.....	485	45,554	2,567,314	8.00-130.00	56.36	60.87
Flat-rate softwoods.....	1	5	130		26.00	28.26
Flat-rate hardwoods.....	33	1,930	74,036	22.00-103.84	38.36	27.09
Flat-rate mixed.....	9	420	12,425	18.00- 43.00	28.90	30.44
Total average or spread, all species.....	684	83,822	3,767,644	8.00-130.00	44.95	44.54

CENTRAL—STUMPPAGE SALES

Individual softwoods:					Average price per M ft. b. m.	
					1945	1943
Northern white pine.....						
Shortleaf pine.....	7	984	8,096	4.60- 10.00	8.17	7.54
Eastern hemlock.....	2	1,260	3,768	3.00- 5.00	3.01	6.99
Cypress.....						6.84
Eastern red cedar.....	19	575	12,155	7.14- 41.67	21.14	12.84
Total average or spread.....	28	2,809	23,959	3.00- 41.67	8.53	9.37
Individual hardwoods:						
Oak.....	43	7,289	58,966	3.80- 35.00	8.09	8.61
Red Oak.....	33	1,627	25,235	6.00- 25.00	15.51	9.56
White oak.....	30	3,741	76,884	7.00- 65.22	20.55	15.09
All oaks.....	106	12,657	161,085	3.80- 65.22	12.73	10.27

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

CENTRAL—STUMPPAGE SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Soft maple.....	Number	M ³ f ^t . b. m.	Dollars	Dollars	Dollars	Dollars
6	280	2,688	6.00–20.00	9.60	14.33	
Hard maple.....	9	895	14,210	8.00–30.00	15.88	17.28
Maple.....	8	379	7,212	6.00–37.33	19.03	11.20
All maples.....	23	1,554	24,110	6.00–37.33	15.51	14.10
Elm.....	15	360	3,482	6.00–18.00	9.67	11.80
Ash.....	12	539	19,481	18.00–40.00	36.14	15.92
Black walnut.....	10	55	2,558	20.83–156.25	46.51	50.50
Red gum.....	6	570	2,796	3.00–15.00	4.83	10.87
Tupelo gum.....						8.00
Black gum.....						5.38
Sycamore.....	10	340	3,636	6.00–15.00	10.69	8.51
Locust.....						10.83
Cottonwood.....	14	551	5,473	8.00–25.15	9.93	7.46
Yellow poplar.....	12	1,134	21,292	9.00–33.50	18.78	13.85
Birch.....	1	34	374		11.00	6.11
Hickory.....	13	1,044	10,110	5.00–22.50	9.68	9.35
Cherry.....	3	12	275	22.00–30.00	22.92	13.24
Basswood.....	7	216	2,700	8.00–20.00	12.50	14.73
Chestnut.....	2	71	204	3.00–6.00	4.14	5.73
Beech.....	17	2,132	21,337	4.35–15.00	10.01	7.20
Hackberry.....	1	13	195		15.00	8.17
Magnolia.....	1	28	336		12.00	15.00
Buckeye.....	2	13	153	8.00–15.00	11.77	4.44
Total average or spread.....	255	21,332	270,687	3.00–156.25	13.11	10.86
Flat-rate softwoods.....						5.26
Flat-rate hardwoods.....	90	24,232	235,313	1.07–81.17	9.71	6.98
Flat-rate mixed.....	14	5,487	26,960	3.00–20.00	4.91	6.81
Total average or spread, all species.....	387	53,860	565,919	1.07–156.25	10.51	8.49

CENTRAL—LOG SALES

Individual softwoods:						
Northern white pine.....	1	50	1,000			21.25
Shortleaf pine.....						18.43
Eastern hemlock.....						23.87
Cypress.....						26.60
Eastern red cedar.....	1	92	4,600			38.62
Total average or spread.....	2	142	5,600	20.00–50.00	39.44	25.93
Individual hardwoods:						
Willow.....						21.00
Oak.....	7	338	16,034	22.50–100.00	47.44	21.30
Red oak.....	11	1,011	38,401	16.00–75.36	37.98	35.33
White oak.....	8	479	39,067	20.00–110.00	81.56	44.21
All oaks.....	26	1,828	93,502	16.00–110.00	51.15	34.84
Soft maple.....	1	13	611		47.00	28.24
Hard maple.....	1	71	6,300		90.00	39.20
Maple.....	11	440	21,499	35.00–80.00	48.86	49.86
All maples.....	13	624	28,500	35.00–90.00	54.39	39.66
Elm.....	7	123	4,595	30.00–60.00	37.36	25.37
Rock elm.....						25.00
Ash.....	7	185	10,497	45.00–83.00	56.74	42.53
Black walnut.....	8	278	32,478	73.51–130.03	116.83	114.08
Butternut.....						30.71
Red gum.....	10	205	21,185	35.00–82.39	71.81	64.19
Tupelo gum.....	1	14	742		53.00	
Black gum.....	1	1	12		12.00	26.38
Sycamore.....	9	354	16,714	30.00–54.77	47.21	25.83
Locust.....						25.00
Cottonwood.....	6	73	2,719	25.00–47.00	37.25	24.25

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

CENTRAL—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Yellow poplar	Number 10	Mft. b. m. 1,223	Dollars 81,877	Dollars 50.00–90.00	Dollars 66.95	Dollars 61.46
Birch						157.94
Pecan						14.00
Hickory	4	114	5,085	40.00–45.00	44.61	32.85
Cherry	3	8	387	31.66–52.30	48.38	42.78
Basswood	4	49	2,665	43.31–60.00	54.39	44.33
Chestnut	1	43	1,290		30.00	17.78
Beech	9	251	8,585	22.50–60.00	34.20	25.06
Hackberry	1	2	120		60.00	27.38
Magnolia	1	1	50		50.00	100.41
Buckeye						16.04
Total average or spread	121	5,386	311,003	12.00–130.00	57.96	46.30
Flat-rate hardwoods	7	246	8,033	22.50–50.00	32.65	25.62
Flat-rate mixed	3	2,062	58,149	22.00–30.00	28.20	25.15
Total average or spread, all species	133	7,816	382,785	12.00–130.00	48.97	40.13

SOUTH ATLANTIC—STUMPAGE SALES

Individual softwoods:						
Northern white pine						10.11
Longleaf pine						10.15
Shortleaf pine	160	64,826	697,193	2.67–31.00	10.75	10.01
Southern pine, unspecified	28	9,374	132,088	10.00–25.00	14.09	11.31
All southern pine	188	74,200	829,281	2.67–31.00	11.18	10.16
Eastern spruce	1	80	440		5.50	
Eastern hemlock	1	470	705		1.50	4.01
Cypress	1	352	2,112		6.00	11.89
Southern white cedar						7.98
Eastern red cedar						11.00
Balsam fir	1	10	55		5.50	
Total average or spread	192	75,112	832,593	1.50–31.00	11.08	10.15
Individual hardwoods:						
Oak	27	4,775	75,623	5.00–35.00	15.84	8.26
Red oak	3	704	6,936	4.00–10.00	9.85	6.87
White oak	1	450	5,400		12.00	9.09
All oaks	31	5,929	87,959	4.00–35.00	14.84	8.28
Soft maple	1	10	80		8.00	8.63
Hard maple	1	35	438		12.51	4.19
Maple						7.35
All maples	2	45	518	8.00–12.51	11.51	5.74
Ash	1	5	48		9.60	10.32
Black walnut	1	15	300		20.00	25.22
Red gum	15	1,920	28,105	2.78–28.30	14.64	10.64
Tupelo gum	4	255	3,663	12.50–15.00	14.36	8.72
Black gum	1	70	700		10.00	8.58
Sycamore						6.43
Yellow poplar	13	452	6,952	8.00–82.00	15.38	8.03
Birch	1	120	660		5.50	8.21
Hickory	1	125	1,500		12.00	5.30
Cherry	1	6	60		10.00	8.00
Basswood	1	15	143		9.53	8.47
Chestnut	1	40	80		2.00	4.32
Beech	1	15	30		2.00	5.52
Magnolia	1	5	48		9.60	
Buckeye	1	10	16		1.50	
Total average or spread	76	9,027	130,781	1.50–35.00	14.49	8.86

STUMPPAGE AND LOG PRICES, 1945

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

SOUTH ATLANTIC—STUMPPAGE SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Flat-rate hardwoods.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Flat-rate hardwoods.....	6	627	9,823	10.00- 22.50	15.67	6.94
Flat-rate mixed.....	33	62,243	940,762	3.41- 25.28	15.11	9.01
Total average or spread, all species.....	307	147,009	1,013,959	1.50- 35.00	13.02	9.47

SOUTH ATLANTIC—LOG SALES

Individual softwoods:						
Northern white pine.....	1	75	375		25.00	20.28
Shortleaf pine.....	12	1,007	29,458	24.00- 32.00	29.25	23.97
Southern pine, unspecified.....	3	348	10,854	23.00- 32.60	31.19	22.91
All southern pine.....	15	1,355	40,312	23.00- 32.60	29.75	23.83
Eastern hemlock.....						23.18
Cypress.....						31.88
Eastern red cedar.....						59.74
Total average or spread.....	16	1,370	40,687	23.00- 32.50	29.70	25.03
Individual hardwoods:						
Oak.....	5	4,263	110,366	24.00- 43.00	25.89	24.61
Red oak.....						22.97
White oak.....	1	25	725		29.00	25.35
All oaks.....	6	4,288	111,091	24.00- 43.00	25.91	23.98
Soft maple.....						26.09
Hard maple.....						65.00
Maple.....	1	100	4,700		47.00	33.64
All maples.....	1	100	4,700		47.00	32.20
Elm.....						18.40
Ash.....	3	35	1,750		50.00	36.84
Black walnut.....						112.39
Red gum.....	5	1,070	43,635	25.00- 50.00	40.78	40.83
Tupelo gum.....						24.54
Black gum.....	1	606	24,240		31.23	
Sycamore.....	1	62	1,860		30.00	39.34
Locust.....						41.00
Cottonwood.....						18.75
Yellow poplar.....	4	408	17,054	28.00- 48.00	41.80	42.03
Birch.....	1	6	180		30.00	48.56
Hickory.....						21.80
Basswood.....						29.57
Chestnut.....						22.70
Beech.....						23.27
Hackberry.....						18.00
Buckeye.....						24.00
Total average or spread.....	22	6,575	204,510	24.00- 50.00	31.10	35.26
Flat-rate hardwoods.....	4	960	28,665	25.00- 34.00	29.86	40.71
Flat-rate mixed.....	3	9,628	399,334	30.00- 43.54	41.48	26.26
Total average or spread, all species.....	45	18,533	673,196	23.00- 50.00	36.32	30.81

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

Type of sale and species	Trans- ac-tions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Longleaf pine.....	6	6,694	90,125	8.00- 25.00	13.46	9.95
Shortleaf pine.....	20	23,324	246,891	5.00- 25.00	10.50	9.46
Southern pine, unspecified.....	170	77,015	534,019	1.07- 28.57	6.03	9.77
All southern pine.....	196	107,033	871,035	1.07- 28.57	8.14	9.64
Cypress.....	2	110	1,870	7.00- 18.00	17.00	10.37
Eastern red cedar.....						22.04
Total average or spread.....	198	107,143	872,905	1.07- 28.57	8.15	9.66
Individual hardwoods:						
Willow.....						3.00
Oak.....	13	1,335	11,462	2.78- 22.32	8.59	5.95
Red oak.....						6.67
White oak.....						7.34
All oaks.....	13	1,335	11,462	2.78- 22.32	8.59	6.22
Maple.....	1	1	7		7.00	9.49
Elm.....						4.15
Ash.....						8.91
Black walnut.....						6.00
Red gum.....	18	9,678	79,226	1.00- 15.00	8.19	8.18
Tupelo gum.....						5.58
Black gum.....						6.71
Sycamore.....						4.61
Cottonwood.....						5.60
Yellow poplar.....	5	840	6,585	7.00- 15.00	7.84	8.73
Birch.....						8.00
Pecan.....						4.02
Hickory.....						9.10
Basswood.....						4.50
Chestnut.....						2.00
Beech.....	1	50	250		5.00	3.20
Hackberry.....						7.22
Magnolia.....	2	51	357		7.00	7.21
Total average or spread.....	40	11,955	97,887	1.00- 22.32	8.19	6.93
Flat-rate softwoods.....	3	80	400		5.00	
Flat-rate hardwoods.....	61	21,209	183,006	3.00- 40.00	8.63	8.75
Flat-rate mixed.....	69	134,685	1,174,020	3.75- 27.00	8.72	7.07
Total average or spread, all species.....	371	275,072	2,328,218	1.00- 40.00	8.46	8.40

SOUTH—LOG SALES

Individual softwoods:						
Longleaf pine.....	1	480	24,000		50.00	29.64
Shortleaf pine.....	2	2,046	84,480	30.00- 45.00	41.29	18.97
Southern pine, unspecified.....	21	83,623	1,499,221	16.70- 49.25	17.03	18.48
All southern pine.....	24	86,149	1,607,701	16.70- 50.00	18.66	19.39
Cypress.....	5	1,843	43,806	20.42- 34.19	23.77	22.52
Eastern red cedar.....						50.00
Total average or spread.....	29	87,992	1,651,507	16.70- 50.00	18.77	19.52
Individual hardwoods:						
Willow.....						21.54
Oak.....	5	748	17,130	20.00- 25.50	22.90	19.69
Red oak.....						23.06
White oak.....						24.98
All oaks.....	5	748	17,130	20.00- 25.50	22.90	20.02

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

SOUTH—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Soft maple	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Maple						
All maples						23.50
Elm	1	54	1,188	—	22.00	20.31
Rock elm						16.85
Ash	1	36	1,080	—	30.00	32.80
Black walnut	1	288	49,392	—	171.50	75.35
Red gum	15	9,054	336,651	20.00- 84.77	37.18	28.88
Tupelo gum						25.65
Black gum	2	132	3,168	23.00- 26.00	24.00	28.48
Sycamore	2	121	4,889	22.00- 52.50	40.40	22.15
Locust						16.00
Cottonwood	3	563	20,425	22.00- 40.00	36.28	20.13
Yellow poplar	1	452	11,300	—	25.00	25.31
Birch						15.88
Pecan						17.95
Hickory	1	84	1,932	—	23.00	32.59
Cherry	1	6	378	—	63.00	—
Beech						21.79
Hackberry						16.57
Magnolia						28.03
Persimmon						65.00
Total average or spread	33	11,538	447,533	20.00-171.50	38.79	20.45
Fat-rate hardwoods	12	6,823	181,552	22.00- 32.63	26.61	23.52
Flat-rate mixed	9	33,454	778,730	18.65- 34.00	23.28	24.61
Total average or spread, all species	83	139,807	3,059,322	16.70-171.50	21.88	22.56

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

MICHIGAN—STUMPPAGE SALES

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Norway pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Jack pine	4	57	681	8.00- 18.00	11.95	6.51
Northern white pine	6	197	1,323	5.00- 8.00	6.72	5.22
Tamarack	24	4,206	40,319	5.00- 30.00	9.59	12.00
Eastern spruce	2	690	695	1.00- 2.00	1.01	—
Eastern hemlock	23	28,230	174,185	4.00- 8.60	6.17	6.76
Balsam fir	24	71,058	214,647	1.00- 25.00	3.02	3.08
Northern white cedar	18	21,003	85,644	2.00- 5.00	4.08	3.62
Total average or spread	106	125,640	517,918	1.00- 30.00	4.12	4.17
Individual hardwoods:						
Oak	16	1,104	11,599	6.00- 30.00	10.51	12.98
Red oak	3	127	1,945	15.00- 50.00	15.31	14.10
White oak						20.57
All oaks	19	1,231	13,544	6.00- 50.00	11.00	13.97
Soft maple	6	792	6,307	5.00- 30.00	7.96	13.55
Hard maple	8	8,285	59,556	5.00- 35.00	7.19	8.81
Maple	27	18,469	134,089	2.00- 35.00	7.26	9.21
All maples	41	27,546	199,952	2.00- 35.00	7.26	9.08

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Elm	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Rock elm	16	1,018	7,803	3.30–20.00	7.67	10.42
Ash	12	765	5,392	4.00–30.00	7.05	8.32
Black walnut		2	20		10.00	10.00
Sycamore	1				2.41	15.21
Aspen	17	2,546	6,129	.80–18.00		15.00
Cottonwood		2	70			18.00
Yellow poplar	2			20.00–50.00	35.00	
Birch	16	20,922	525,493	1.00–35.00	25.12	15.56
Hickory	1	2	20		10.00	24.36
Cherry	2	33	470	6.67–15.00	14.24	18.15
Basswood	15	1,736	17,613	5.00–50.00	10.15	12.24
Beech	10	305	2,775	2.00–30.00	9.10	12.54
Total average or spread	152	56,108	779,281	.80–50.00	13.89	10.71
Flat-rate softwoods	1	20	300		15.00	4.28
Flat-rate hardwoods	25	2,861	30,752	3.00–30.00	10.75	8.99
Flat-rate mixed	13	12,556	100,136	1.35–25.00	8.69	7.16
Total average or spread, all species	297	197,185	1,437,387	.80–50.00	7.29	7.83

MICHIGAN—LOG SALES

Individual softwoods:						
Norway pine	3	36	1,325	29.50–40.00	36.81	31.81
Jack pine	2	32	1,472	31.00–55.00	46.00	33.90
Northern white pine	24	1,434	55,870	28.00–75.00	38.96	35.43
Tamarack	1	5	125		25.00	
Eastern spruce	11	92	2,639	28.00–32.00	23.68	33.30
Eastern hemlock	24	12,786	316,435	20.00–35.00	24.75	24.34
Balsam fir	1	2	56		28.00	29.99
Northern white cedar	3	12	335	20.00–30.90	27.92	23.70
Total average or spread	69	14,399	378,257	20.00–75.00	26.27	26.53
Individual hardwoods:						
Oak	10	145	5,547	29.00–60.00	38.26	39.91
Red oak	1	279	21,879		78.42	46.43
White oak						43.00
All oaks	11	424	27,426	29.00–78.42	64.68	45.73
Soft maple	15	682	26,242	22.00–69.94	38.48	31.77
Hard maple	32	13,886	586,192	22.00–94.00	42.21	32.68
Maple	13	419	24,090	30.00–130.00	57.49	55.41
All maples	60	14,987	636,524	22.00–130.00	42.47	46.49
Elm	30	1,355	78,506	19.50–67.32	57.94	35.84
Rock elm						55.00
Ash	12	206	9,647	27.37–70.00	46.83	31.97
Black walnut	1	2	300		150.00	63.00
Butternut						44.00
Sycamore	1	40	3,063		76.58	39.00
Aspen	15	256	7,861	15.00–47.00	30.71	23.44
Cottonwood	1	367	21,635		58.95	37.58
Yellow poplar	1	5	360		70.00	
Birch	40	5,830	480,818	24.00–124.00	82.47	79.09
Hickory						47.50
Cherry	2	12	540	30.00–50.00	45.00	41.60
Basswood	38	1,421	98,045	23.00–89.00	69.00	44.73
Beech	9	1,105	33,009	26.00–48.12	27.62	28.59
Hackberry	1	13	1,037		79.77	40.00
Total average or spread	222	28,113	1,398,761	15.00–130.00	53.57	53.85

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

MICHIGAN—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Flat-rate softwoods.....						28.00
Flat-rate hardwoods.....	20	1,047	37,865	25.00–50.00	36.17	26.85
Flat-rate mixed.....	4	389	11,024	18.00–43.00	28.34	35.29
Total average or spread, all species.....	315	41,948	1,825,907	15.00–150.00	43.53	40.52

MINNESOTA—STUMPPAGE SALES

Individual softwoods:						
Norway pine.....	8	1,071	7,935	4.00–10.00	7.41	7.06
Jack pine.....	30	7,479	32,560	2.00–20.00	4.35	5.23
Northern white pine.....	17	1,552	8,740	1.82–20.00	5.63	9.26
Tamarack.....	2	20	40		2.00	18.00
Eastern spruce.....	9	501	2,815	4.00–6.00	5.62	5.26
Balsam fir.....	6	92	275	2.20–4.00	2.99	4.41
Northern white cedar.....						.67
Total average or spread.....	72	10,715	52,365	1.82–20.00	4.89	6.65
Individual hardwoods:						
Oak.....	1	14	280		20.00	6.26
Red oak.....						6.25
White oak.....						7.00
All oaks.....	1	14	280		20.00	6.28
Hard maple.....						5.00
Maple.....	1	40	480		12.00	-----
All maples.....	1	40	480		12.00	5.00
Elm.....	3	150	435	1.50–12.00	2.90	2.79
Ash.....	3	140	450	1.50–12.00	3.21	4.54
Aspen.....	31	3,235	9,478	1.00–6.00	2.83	2.49
Birch.....	3	306	817	2.00–4.50	2.67	4.73
Basswood.....	1	40	140		3.50	5.95
Total average or spread.....	43	3,925	12,080	1.00–20.00	3.08	3.08
Flat-rate softwoods.....	2	533	1,950	3.46–5.00	3.66	4.93
Flat-rate hardwoods.....	18	1,630	8,067	1.74–9.00	4.95	4.86
Flat-rate mixed.....	14	3,236	17,004	1.33–15.56	5.25	4.28
Total average or spread, all species.....	149	20,039	91,466	1.00–20.00	4.56	5.78

MINNESOTA—LOG SALES

Individual softwoods:						
Norway pine.....	6	258	7,584	12.00–43.00	29.40	29.79
Jack pine.....	11	558	14,952	19.00–28.00	26.80	24.87
Northern white pine.....	17	919	25,763	16.00–43.00	28.03	24.75
Tamarack.....						20.00
Eastern spruce.....	7	520	18,190	23.00–43.00	34.98	29.37
Balsam fir.....	4	814	27,037	26.00–33.50	33.21	25.93
Total average or spread.....	45	3,069	93,526	12.00–43.00	30.47	25.81
Individual hardwoods:						
Oak.....	3	44	1,357	28.00–32.00	30.84	-----
Maple.....	3	18	448	22.00–27.00	24.89	-----
Elm.....	9	72	1,824	22.00–33.00	25.33	20.00
Ash.....	5	90	2,437	22.00–28.00	27.08	-----
Aspen.....	28	6,609	178,873	8.00–38.00	27.07	27.23
Birch.....	2	1,971	74,854	27.00–38.00	37.98	37.26
Basswood.....	4	113	3,203	26.00–37.00	28.35	21.21
Total average or spread.....	54	8,917	262,996	8.00–38.00	29.49	28.99

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

MINNESOTA—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Flat-rate softwoods	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Flat-rate hardwoods	1	395	8,680	-----	22.00	33.90
Flat-rate mixed	-----	-----	-----	-----	-----	17.85
Total average or spread, all species	100	12,381	365,212	8.90– 43.00	29.50	27.87

WISCONSIN—STUMPAGE SALES

Individual softwoods:						
Norway pine	5	50	457	3.00– 14.00	8.16	9.44
Jack pine	9	855	5,793	3.00– 25.00	6.78	4.39
Northern white pine	23	1,570	28,909	3.50– 27.00	18.41	15.75
Tamarack	-----	-----	-----	-----	1.20	-----
Eastern spruce	2	12	173	6.00– 15.17	14.42	6.26
Eastern hemlock	4	5,849	18,241	3.00– 8.00	3.12	4.38
Balsam fir	2	12	66	4.00– 6.00	5.50	3.71
Northern white cedar	-----	-----	-----	-----	9.14	-----
Total average or spread	45	8,354	53,639	3.00– 27.00	6.42	8.71
Individual hardwoods:						
Oak	5	167	2,042	8.00– 36.00	12.23	9.43
Red oak	1	40	700	-----	17.50	8.65
White oak	-----	-----	-----	-----	-----	32.44
All oaks	6	207	2,742	8.00– 35.00	13.25	10.00
Soft maple	1	16	240	-----	15.00	10.38
Hard maple	-----	-----	-----	-----	16.60	-----
Maple	9	3,464	29,515	6.00– 30.00	8.62	17.02
All maples	10	3,480	29,755	6.00– 30.00	8.55	16.86
Elm	7	542	5,104	6.00– 27.50	9.42	8.23
Ash	4	688	5,200	6.00– 30.00	7.58	8.82
Aspen	13	1,512	4,266	1.05– 8.00	2.81	2.68
Yellow poplar	-----	-----	-----	-----	12.00	-----
Birch	2	777	12,643	15.00– 26.29	16.27	30.17
Cherry	-----	-----	-----	-----	15.00	-----
Basswood	7	414	7,868	14.00– 35.00	19.00	13.40
Beech	-----	-----	-----	-----	11.17	-----
Total average or spread	49	7,618	67,568	1.05– 35.00	8.87	12.28
Flat-rate softwoods	-----	-----	-----	-----	-----	6.28
Flat-rate hardwoods	46	6,152	68,794	2.50– 31.33	11.18	11.25
Flat-rate mixed	34	6,093	69,866	1.22– 25.00	11,47	9.73
Total average or spread, all species	174	28,217	259,867	1.05– 35.00	9.21	10.46

WISCONSIN—LOG SALES

Individual softwoods:						
Norway pine	2	9	230	22.00– 30.00	25.56	21.29
Jack pine	1	6	180	-----	30.00	21.86
Northern white pine	21	619	24,383	26.00– 84.60	39.39	33.80
Tamarack	1	1	50	-----	50.00	-----
Eastern spruce	2	52	2,000	28.00– 39.10	38.46	38.28
Eastern hemlock	15	17,748	615,113	17.00– 40.00	34.66	28.46
Balsam fir	-----	-----	-----	-----	36.60	-----
Total average or spread	42	18,435	641,956	17.00– 84.60	34.82	32.06

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

WISCONSIN—LOG SALES—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods:						
Oak.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Oak.....	23	587	32,912	22.00- 76.00	56.07	37.90
Red oak.....	3	30	1,425	30.00- 60.00	47.50	44.03
White oak.....	1	1	28		28.00	43.61
All oaks.....	27	618	34,365	22.00- 76.00	55.61	42.94
Soft maple.....	11	63	3,998	50.00- 71.00	63.46	49.50
Hard maple.....	21	956	73,504	32.00- 96.00	76.97	54.21
Maple.....	16	1,888	158,799	27.00- 94.00	84.11	57.32
All maples.....	48	2,006	236,301	27.00- 96.00	81.31	56.36
Elm.....	28	857	41,195	23.00- 65.00	48.07*	44.51
Rock elm.....	23	213	9,582	15.00- 64.40	44.99	45.39
Ash.....						168.40
Black walnut.....	4	5	255	29.00- 80.80	51.00	59.00
Butternut.....	16	821	19,647	18.00- 58.80	23.93	20.40
Aspen.....						12.00
Cottonwood.....						28.00
Birch.....	22	4,123	493,776	30.00-128.00	119.76	105.39
Cherry.....						34.97
Basswood.....	35	940	68,907	27.00- 89.00	73.31	62.97
Beech.....	5	37	1,294	20.00- 61.00	34.97	23.28
Hackberry.....	1	4	235		58.75	
Total average or spread.....	209	10,524	905,567	15.00-128.00	86.05	75.22
Flat-rate softwoods.....	1	5	130		28.00	22.00
Flat-rate hardwoods.....	12	488	27,481	24.41-103.84	56.31	27.84
Flat-rate mixed.....	5	41	1,401	23.60- 37.64	34.17	23.54
Total average or spread, all species.....	209	20,493	1,576,525	15.00-128.00	53.45	50.61

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Virgin.....	116	782,001	3,380,076	1.00- 9.05	4.32	4.18
Second.....	6	6,870	28,164	2.25- 4.37	3.81	2.38
Mixed.....	8	7,335	39,556	3.50- 6.50	5.39	4.61
Total.....	130	796,206	3,445,796	1.00- 9.05	4.33	4.16
Western white pine:						
Virgin.....	15	9,162	43,390	.75- 7.50	4.74	4.02
Mixed.....	4	930	4,625	3.85- 5.00	4.07	1.50
Total.....	19	10,092	48,015	.75- 7.50	4.76	3.95
Lodgepole pine, virgin.....	4	168	505	2.00- 3.30	3.01	
Sugar pine:						
Virgin.....	18	5,044	34,442	2.00-12.00	6.63	7.33
Second.....	1	25	75		3.00	2.97
Mixed.....	2	42	420		10.00	5.72
Total.....	21	5,111	33,937	2.00-12.00	6.64	6.70

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.		
					1945	1943	
Individual softwoods—Continued							
Western larch:							
Virgin	10	3,315	\$6,959	.50- 3.25	2.10	1.90	
Second	4	580	1,480	1.50- 4.00	2.55	1.55	
Mixed	1	10	48		2.53	2.91	
Total	24	3,914	8,487	.50- 4.00	2.17	2.05	
Sitka spruce:							
Virgin	31	19,512	82,868	.82- 8.60	4.25	4.27	
Second	10	7,316	19,174	1.50- 3.00	2.62	4.08	
Mixed	9	17,250	48,678	1.50- 8.00	2.82	2.00	
Total	50	44,078	150,720	.82- 8.60	3.42	4.34	
Western hemlock:							
Virgin	95	732,170	1,084,157	.50- 4.00	1.48	1.72	
Second	42	47,197	56,665	.20- 3.50	1.20	2.00	
Mixed	20	63,762	124,389	1.00- 4.00	1.95	2.28	
Total	157	843,129	1,265,211	.20- 4.00	1.50	1.74	
Douglas fir:							
Virgin	298	2,806,770	8,336,942	.27- 9.40	2.97	3.94	
Second	338	706,268	1,891,554	.25-12.69	2.68	2.55	
Mixed	103	469,377	1,534,782	1.00-13.00	3.27	3.47	
Total	739	3,982,416	11,763,278	.25-13.00	2.95	3.65	
White fir:							
Virgin	47	198,437	523,628	.50- 8.00	2.64	1.71	
Second	5	2,790	5,848	1.50- 2.25	2.10	2.17	
Mixed	7	28,402	55,877	1.35- 3.50	1.97	1.33	
Total	59	229,629	585,353	.50- 8.00	2.55	1.70	
Incense cedar:							
Virgin	10	3,331	8,136	1.00- 2.90	2.44	1.45	
Second	1	100	150		1.50		
Mixed	5	1,104	3,205	1.35- 3.00	2.90		
Total	16	4,535	11,491	1.00- 3.00	2.53	1.45	
Red cedar:							
Virgin	78	112,642	392,829	.75- 7.62	3.49	4.56	
Second	8	1,729	4,800	1.00- 4.00	2.78	1.72	
Mixed	14	37,870	146,185	1.35- 6.05	3.86	3.45	
Total	100	152,241	543,814	.75- 7.62	3.57	4.51	
Port Orford cedar:							
Virgin	7	53,131	631,099	5.00-15.00	11.00	10.50	
Second	3	575	8,445	12.00-15.00	14.69	4.00	
Total	10	53,706	640,444	5.00-15.00	11.02	9.44	
Total average or spread, individual softwoods		1,329	6,125,224	18,407,051	.20-15.00	3.02	3.54
Flat-rate softwoods:							
Virgin	59	243,080	725,895	.54- 8.09	2.99	3.48	
Second	40	145,602	397,848	.58- 7.40	2.73	2.19	
Mixed	66	426,374	1,119,974	.58- 7.48	2.63	2.56	
Total	165	815,020	2,243,717	.54- 8.09	2.75	3.15	
Individual hardwoods:							
Oak:							
Second	2	72	970	10.00-15.00	13.47		
Mixed	2	125	1,875		15.00		
Total	4	197	2,845	10.00-15.00	14.44	13.85	

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwoods—Continued						
Maple:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Second.....	2	74	177	1.20- 3.00	2.39	-----
Mixed.....	1	9	45	-----	5.00	1.47
Total.....	1	13	39	-----	3.00	-----
Alder:						
Virgin.....	5	2,241	3,508	1.00- 2.50	1.57	1.51
Second.....	18	7,828	5,118	.20- 5.00	.65	1.73
Mixed.....	3	551	1,673	1.69- 4.42	3.04	2.17
Total.....	26	10,620	10,299	.20- 5.00	.97	1.75
Myrtle: Virgin.....	1	50	500	-----	10.00	-----
Total average or spread, individual hardwoods.....	35	10,963	13,905	.20-15.00	1.27	3.30
Regional total average or spread, all species.....	1,529	6,951,216	20,754,673	.20-15.00	2.99	3.46

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

REGION 1—EASTERN OREGON

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Second.....	70	651,073	2,497,314	1.00- 7.25	3.84	4.05
Total.....	2	900	2,375	2.25- 4.00	2.64	2.37
Western larch: virgin.....	6	651,937	2,499,689	1.00- 7.25	3.83	4.04
Douglas fir:						
Virgin.....	8	1,639	2,331	.50- 2.50	1.42	1.75
Second.....	2	710	2,070	2.00- 3.00	2.92	1.50
Total.....	10	2,349	4,401	.50- 3.00	1.87	1.70
White fir, virgin.....	1	3	5	-----	1.67	1.60
Total average or spread, individual softwoods.....	89	655,165	2,505,588	.50- 7.25	3.82	4.02
Flat-rate softwood:						
Virgin.....	6	17,231	76,982	2.00- 5.29	4.47	1.94
Second.....	2	3,400	11,400	3.00- 3.50	3.35	-----
Total.....	8	20,631	88,382	2.00- 5.29	4.28	1.94
Regional total average or spread, all softwoods.....	97	675,796	2,593,970	.50- 7.25	3.84	3.97

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

REGION 2—WESTERN OREGON

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Western white pine:						
Virgin	2	268	220	.75- 1.80	0.82	4.28
Mixed	2	23	90	3.85- 6.00	3.91	—
Total	4	291	310	.75- 6.00	1.07	4.28
Sugar pine:						
Virgin	4	819	8,431	10.20-12.00	10.29	5.79
Second	1	26	75	—	3.00	—
Total	5	844	8,506	3.00-12.00	10.08	5.55
Sitka spruce:						
Virgin	11	7,263	18,026	.82- 7.65	2.48	3.29
Second	3	3,243	8,665	1.50- 3.00	2.67	4.74
Mixed	2	13,004	26,402	2.03- 3.00	2.03	2.00
Total	16	23,510	53,093	.82- 7.65	2.26	3.69
Western hemlock:						
Virgin	39	263,832	492,105	.55- 3.25	1.87	1.51
Second	20	24,709	24,559	.50- 2.70	.09	1.56
Mixed	9	7,967	16,209	1.00- 3.50	2.03	3.72
Total	68	296,508	532,873	.50- 3.50	1.80	1.55
Douglas fir:						
Virgin	160	2,441,335	7,021,646	.27- 3.86	2.88	3.62
Second	216	574,135	1,468,524	.25-12.89	2.56	2.32
Mixed	51	326,637	856,541	1.00- 6.25	2.62	2.68
Total	427	3,342,107	9,346,711	.25-12.69	2.80	3.33
White fir:						
Virgin	17	93,545	283,146	.50- 5.50	3.03	1.40
Second	4	790	1,348	1.50- 2.00	1.71	1.96
Mixed	4	795	2,040	2.00- 3.50	2.57	1.53
Total	25	95,130	286,534	.50- 5.50	3.01	1.45
Incense cedar:						
Virgin	4	700	1,430	1.50- 2.00	1.81	1.58
Second	1	100	150	—	1.50	—
Mixed	2	12	21	1.35- 3.00	1.75	—
Total	7	902	1,601	1.35- 3.00	1.77	1.58
Red cedar:						
Virgin	27	24,933	67,972	.75- 6.00	2.73	2.54
Second	2	100	125	1.00- 2.00	1.25	1.46
Mixed	5	862	2,428	1.35- 3.50	2.82	4.63
Total	34	25,895	70,525	.75- 6.00	2.72	2.46
Port Orford cedar:						
Virgin	5	52,188	622,728	5.00-15.00	11.03	—
Second	3	575	8,445	12.00-15.00	14.69	4.00
Total	8	52,763	631,173	5.00-15.00	11.96	4.00
Total average or spread, individual softwoods:						
	694	3,837,050	10,931,326	.25-15.00	2.85	3.22
Flat-rate softwood:						
Virgin	22	144,578	479,082	.81- 8.09	3.31	2.79
Second	12	58,761	137,736	.76- 3.10	2.34	1.90
Mixed	22	226,806	458,908	.58- 3.66	2.02	2.01
Total	56	430,144	1,075,726	.58- 8.09	2.50	2.65

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

REGION 2—WESTERN OREGON—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual hardwood:						
Oak:						
Second	2	72	.970	.10.00-15.00	.13.47	-----
Mixed	2	125	1,875	-----	15.00	-----
Total	4	197	2,845	.10.00-15.00	14.44	14.02
Alder:						
Virgin	3	2,200	3,450	.1.00- 2.00	1.57	1.49
Second	11	5,584	3,557	.20- 4.00	.64	.67
Mixed	2	520	1,580	.1.69- 4.42	3.04	5.00
Total	16	8,304	8,687	.20- 4.42	1.03	1.18
Myrtle: Virgin	1	50	500	-----	10.00	-----
Total average or spread, individual hardwoods	21	8,661	11,932	.20-15.00	1.40	4.40
Regional total average or spread, all species	671	4,276,645	12,018,984	.20-15.00	2.81	3.07

REGION 3—KLAMATH

Individual softwoods:						
Ponderosa pine:						
Virgin	24	105,234	799,071	.2.50- 9.05	7.69	5.08
Second	1	20	50	-----	2.50	2.50
Mixed	8	7,335	39,556	.3.50- 6.50	5.39	2.76
Total	33	112,589	838,677	.2.50- 9.05	7.45	5.07
Western white pine: Virgin	1	200	1,050	-----	5.25	-----
Lodgepole pine: Virgin	4	168	505	.2.00- 3.30	3.01	-----
Sugar pine:						
Virgin	14	4,225	25,011	.2.00- 9.60	5.92	7.50
Mixed	2	42	420	-----	10.00	8.00
Total	16	4,267	25,431	.2.00-10.00	5.96	6.93
Douglas fir:						
Virgin	27	69,274	176,351	.1.00- 4.50	2.55	1.46
Second	4	2,062	4,240	.1.25- 2.50	2.06	1.61
Mixed	19	29,902	80,433	.1.50- 3.75	2.09	1.78
Total	50	101,238	270,024	.1.00- 4.50	2.67	1.51
White fir:						
Virgin	6	12,602	36,708	.2.00- 3.30	2.02	1.00
Mixed	1	1,760	2,363	-----	1.35	-----
Total	7	14,352	39,161	.1.35- 3.30	2.73	1.00
Incense cedar:						
Virgin	6	2,541	6,706	.1.00- 2.90	2.64	1.06
Mixed	3	1,062	3,184	.2.00- 3.00	2.92	-----
Total	9	3,603	9,890	.1.00- 3.00	2.72	1.06
Port Orford cedar: Virgin	2	943	9,271	.7.00-10.00	9.83	10.50
Total average or spread, individual softwoods	122	237,390	1,104,000	.1.00-10.00	5.03	3.52
Flat-rate softwood:						
Virgin	2	7,957	9,058	.96- 2.25	1.14	1.45
Mixed	3	1,337	3,392	.1.80- 4.00	2.54	-----
Total	5	9,294	12,450	.96- 4.00	1.34	1.91
Regional total average or spread, all soft woods	127	246,684	1,206,450	.96-10.00	4.89	3.44

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

STATE TOTALS

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
94	756,271	3,296,385	1.00- 9.05	4.36	4.30	
Second.....	3	920	2,425	2.25- 4.00	2.64	2.39
Mixed.....	8	7,335	39,556	3.50- 6.50	5.39	2.54
Total.....	105	764,526	3,338,366	1.00- 9.05	4.37	4.28
Western white pine:						
Virgin.....	3	468	1,270	.75- 5.25	2.71	4.28
Mixed.....	2	23	90	3.85 5.00	3.01	
Total.....	5	491	1,360	.75- 5.25	2.77	4.28
Lodgepole pine: Virgin.....	4	168	505	2.00- 3.30	3.01	
Sugar pine:						
Virgin.....	18	5,044	33,442	2.00-12.00	6.63	7.33
Second.....	1	25	75		3.00	2.97
Mixed.....	2	42	420		10.00	5.72
Total.....	21	5,111	33,937	2.00-12.00	6.64	6.70
Western larch: Virgin.....	6	876	1,493	.50- 2.50	1.70	1.00
Sitka spruce:						
Virgin.....	11	7,263	18,026	.82- 7.65	2.48	3.29
Second.....	3	3,213	8,665	1.50- 3.00	2.67	4.74
Mixed.....	2	13,004	26,402	2.03- 3.00	2.03	2.00
Total.....	16	23,510	53,093	.82- 7.65	2.26	3.66
Western hemlock:						
Virgin.....	39	263,832	492,105	.55- 3.25	1.87	1.51
Second.....	20	24,709	24,559	.50- 2.70	.99	1.56
Mixed.....	9	7,967	16,209	1.00- 3.50	2.03	3.72
Total.....	68	296,508	532,873	.50- 3.50	1.80	1.55
Douglas fir:						
Virgin.....	195	2,512,248	7,200,328	.27- 8.36	2.87	3.51
Second.....	222	576,907	1,474,834	.25-12.69	2.56	2.29
Mixed.....	70	356,539	945,974	1.00- 6.25	2.65	2.63
Total.....	487	3,445,694	9,621,136	.25-12.69	2.99	3.24
White fir:						
Virgin.....	24	106,150	319,949	.50- 5.50	3.01	1.18
Second.....	4	790	1,348	1.50- 2.00	1.71	1.95
Mixed.....	5	2,545	4,403	1.35- 3.50	1.73	1.53
Total.....	33	109,485	325,700	.50- 5.50	2.97	1.23
Incense cedar:						
Virgin.....	10	3,331	8,136	1.00- 2.90	2.44	1.45
Second.....	1	100	150		1.50	
Mixed.....	5	1,104	3,205	1.35- 3.00	2.90	
Total.....	16	4,535	11,491	1.00- 3.00	2.53	1.45
Red cedar:						
Virgin.....	27	24,933	67,972	.75- 6.00	2.73	2.60
Second.....	2	100	125	1.00- 2.00	1.25	1.45
Mixed.....	5	862	2,428	1.35- 3.50	2.82	4.53
Total.....	34	25,895	70,525	.75- 6.00	2.72	2.42

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

STATE TOTALS—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
Port Orford cedar:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Second.....	7	53,131	631,999	5.00–15.00	11.90	10.50
	3	575	8,445	12.00–15.00	14.69	4.00
Total.....	10	53,706	640,444	5.00–15.00	11.92	9.44
Total average or spread, in- dividual softwoods.....	805	4,730,505	14,630,923	.25–15.00	3.09	3.35
Flat-rate softwood:						
Virgin.....	30	169,766	565,122	.81– 8.09	3.33	2.78
Second.....	14	62,161	149,136	.76– 3.50	2.40	1.92
Mixed.....	25	228,142	462,300	.58– 4.00	2.03	2.01
Total.....	69	460,069	1,176,558	.58– 8.09	2.56	2.53
Individual hardwoods:						
Oak:						
Second.....	2	72	970	10.00–15.00	13.47	-----
Mixed.....	2	125	1,875	-----	15.00	-----
Total.....	4	197	2,845	10.00–15.00	14.44	14.02
Alder:						
Virgin.....	3	2,200	3,450	1.00– 2.00	1.57	1.49
Second.....	11	5,584	3,557	.20– 4.00	.64	.67
Mixed.....	2	520	1,580	1.69– 4.42	3.04	5.00
Total.....	16	8,304	8,587	.20– 4.42	1.03	1.18
Myrtle: Virgin.....	1	50	500	-----	10.00	-----
Total average or spread, in- dividual hardwoods.....	21	8,551	11,932	.20–15.00	1.40	4.40
State total average or spread, all species.....	895	5,199,125	15,819,413	.20–15.00	3.04	3.19

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

REGION 1—EASTERN WASHINGTON

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Second.....	22	25,730	83,691	1.37– 6.00	3.25	3.38
	3	6,950	23,739	3.25– 4.37	3.99	3.57
Total.....	25	31,680	107,430	1.37– 6.00	3.39	3.41
Western white pine: Virgin.....	3	500	2,725	5.00– 6.50	5.45	-----
Western larch:						
Virgin.....	13	2,439	5,486	1.25– 3.25	2.24	1.94
Second.....	4	580	1,480	1.50– 4.00	2.55	1.65
Mixed.....	1	19	48	-----	2.53	2.91
Total.....	18	3,038	6,994	1.25– 4.00	2.30	2.17

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

REGION 1—EASTERN WASHINGTON—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
Western hemlock:						
Virgin	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
1	1,380	1,380	-----	-----	1.00	-----
Second	1	1,000	2,250	-----	2.25	-----
Mixed	1	700	1,750	-----	2.50	-----
Total	3	3,080	5,380	1.00– 2.50	1.75	-----
Douglas fir:						
Virgin	33	37,509	123,330	1.00– 4.50	3.29	2.35
Second	15	13,810	42,582	1.50– 4.00	3.08	2.05
Mixed	6	7,750	26,425	2.00– 4.00	3.41	1.58
Total	54	59,069	192,337	1.00– 4.50	3.26	2.12
White fir:						
Virgin	2	1,550	1,750	1.00– 1.50	1.13	1.28
Second	1	2,000	4,500	-----	2.25	2.50
Total	3	3,550	6,250	1.00– 2.25	1.76	1.32
Red cedar: Virgin	2	680	1,450	1.67– 2.50	2.13	1.80
Total average or spread, individual softwoods	108	101,597	322,566	1.00– 6.50	3.17	2.96
Flat-rate softwood:						
Virgin	12	21,495	58,020	1.00– 4.00	2.70	3.14
Second	8	36,176	97,411	.56– 3.25	2.69	1.49
Mixed	2	5,080	6,283	1.14– 2.50	1.24	2.00
Total	22	62,751	161,714	.56– 4.00	2.58	1.85
Regional total average or spread, all softwoods	130	164,348	484,280	.56– 6.50	2.95	2.86

REGION 2—WESTERN WASHINGTON

Individual softwoods:					Average price per M ft. b. m.	
					1945	1943
Western white pine:						
Western white pine:						
Virgin	9	8,194	39,395	1.00– 7.50	4.81	3.89
Mixed	2	907	4,535	-----	5.00	1.50
Total	11	9,101	43,930	1.00– 7.50	4.83	3.68
Sitka spruce:						
Sitka spruce:						
Virgin	20	12,249	64,842	2.25– 8.50	5.29	5.51
Second	7	4,073	10,509	2.04– 2.90	2.58	1.38
Mixed	7	4,246	22,276	1.50– 8.00	5.25	-----
Total	34	20,568	97,627	1.50– 8.50	4.75	5.46
Western hemlock:						
Western hemlock:						
Virgin	55	466,958	590,672	.50– 4.00	1.26	1.80
Second	21	21,488	29,856	.20– 3.50	1.39	2.25
Mixed	10	55,095	106,430	1.50– 4.90	1.93	1.40
Total	86	543,541	726,958	.20– 4.90	1.34	1.82
Douglas fir:						
Douglas fir:						
Virgin	70	257,013	1,013,284	1.00– 9.40	3.94	5.48
Second	101	115,551	374,138	.30– 6.50	3.24	3.27
Mixed	27	105,088	562,383	2.00– 13.00	5.35	5.65
Total	198	477,652	1,949,805	.30– 13.00	4.08	5.04
White fir:						
White fir:						
Virgin	21	90,737	201,929	.98– 8.00	2.23	2.02
Mixed	2	25,857	61,474	1.50– 2.00	1.99	.50
Total	23	116,594	253,403	.98– 8.00	2.17	2.01

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

REGION 2—WESTERN WASHINGTON—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
Red Cedar:						
Virgin	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
Second	49	87,029	323,407	1.00- 7.62	3.72	4.90
Mixed	6	1,629	4,675	2.10- 4.00	2.87	2.65
	9	37,008	143,757	2.00- 6.05	3.88	3.44
Total	64	125,666	471,830	1.00- 7.62	3.75	4.88
Total average or spread, individual softwoods	416	1,293,122	3,543,562	.20-13.00	2.74	4.07
Flat-rate softwood:						
Virgin	17	51,819	102,753	.54- 4.45	1.98	4.84
Second	18	47,265	151,301	2.00- 7.40	3.20	3.14
Mixed	39	103,125	651,391	1.00- 7.48	3.37	2.93
Total	74	292,209	905,445	.54- 7.48	3.10	4.39
Individual hardwoods:						
Maple:						
Virgin	2	74	177	1.20- 3.00	2.39	
Second	1	9	45		5.00	2.64
Mixed	1	13	39		3.00	
Total	4	96	261	1.20- 5.00	2.72	2.64
Alder:						
Virgin	2	41	58	1.38- 2.50	1.41	2.40
Second	7	2,244	1,561	.30- 5.00	.70	3.47
Mixed	1	31	93		3.00	1.08
Total	10	2,316	1,712	.30- 5.00	.74	2.78
Total average or spread, individual hardwoods	14	2,412	1,973	.30- 5.00	.82	2.10
Regional total average or spread, all species	504	1,587,743	4,460,980	.20-13.00	2.80	4.14

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Individual softwoods:						
Ponderosa pine:						
Virgin	22	25,730	83,691	1.37- 6.00	3.25	3.39
Second	3	5,950	23,739	3.25- 4.37	3.99	2.37
Total	25	31,680	107,430	1.37- 6.00	3.39	3.37
Western white pine:						
Virgin	12	8,094	42,120	1.00- 7.50	4.84	3.89
Mixed	2	907	4,635		5.00	1.50
Total	14	9,601	46,655	1.00- 7.50	4.86	3.81
Western larch:						
Virgin	13	2,439	5,466	1.25- 3.25	2.24	1.94
Second	4	580	1,480	1.50- 4.00	2.55	1.65
Mixed	1	19	48		2.63	2.91
Total	18	3,038	6,904	1.25- 4.00	2.30	2.17
Sitka spruce:						
Virgin	20	12,249	64,842	2.25- 8.50	5.29	5.51
Second	7	4,073	10,509	2.04- 2.90	2.58	1.38
Mixed	7	4,246	22,276	1.50- 8.00	5.25	
Total	34	20,568	97,627	1.50- 8.50	4.75	5.46

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

STATE TOTALS—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
Western hemlock:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
50	468,338	592,052	.50- 4.00	.20- 4.00	1.26	1.80
Second.....	22	22,488	32,106	.20- 3.50	1.43	2.25
Mixed.....	11	55,795	108,180	1.50- 4.90	1.94	1.40
Total.....	89	546,621	732,338	.20- 4.90	1.34	1.82
Douglas fir:						
Virgin.....	103	294,522	1,136,614	1.00- 9.40	3.86	5.39
Second.....	116	129,361	416,720	.30- 6.50	3.22	3.20
Mixed.....	33	112,838	588,808	2.00-13.00	6.22	5.34
Total.....	252	536,721	2,142,142	.30-13.00	3.99	4.92
White fir:						
Virgin.....	23	92,287	203,679	.98- 8.00	2.21	1.97
Second.....	1	2,000	4,500	-----	2.25	2.34
Mixed.....	2	25,857	51,474	1.50- 2.00	1.99	.93
Total.....	26	120,144	259,653	.98- 8.00	2.16	1.94
Red cedar:						
Virgin.....	51	87,709	324,857	1.00- 7.62	3.70	4.87
Second.....	6	1,629	4,675	2.10- 4.00	2.87	2.65
Mixed.....	9	37,008	143,757	2.00- 6.05	3.88	3.44
Total.....	66	126,346	473,289	1.00- 7.62	3.75	4.85
Total average or spread, individual softwoods.....	524	1,394,719	3,866,128	.20-13.00	2.77	3.98
Flat-rate softwood:						
Virgin.....	29	73,314	160,773	.54- 4.45	2.19	4.82
Second.....	26	83,441	248,712	.56- 7.40	2.98	2.92
Mixed.....	41	198,205	657,674	1.00- 7.48	3.32	2.92
Total.....	96	354,960	1,067,159	.54- 7.48	3.01	4.31
Individual hardwoods:						
Maple:						
Virgin.....	2	74	177	1.20- 3.00	2.39	-----
Second.....	1	9	45	-----	5.00	2.64
Mixed.....	1	13	39	-----	3.00	-----
Total.....	4	96	261	1.20- 5.00	2.72	2.64
Alder:						
Virgin.....	2	41	58	1.38- 2.50	1.41	2.40
Second.....	7	2,244	1,561	.30- 5.00	.70	3.47
Mixed.....	1	31	93	-----	3.00	1.08
Total.....	10	2,316	1,712	.30- 5.00	.74	2.78
Total average or spread, individual hardwoods.....	14	4,412	1,973	.30- 5.00	.82	2.10
State total average or spread, all species.....	634	1,752,091	4,935,260	.20-13.00	2.82	4.05

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

REGION 1—REDWOOD

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine: Virgin	4	Mft. b. m. 7,100	Dollars 20,550	Dollars 2.00-3.00	Dollars 2.89	-----
Sugar pine: Virgin	1	1,500	4,500	-----	3.00	-----
Douglas fir:						
Virgin	81	305,065	385,899	.23-5.00	1.26	1.38
Second	8	3,677	5,374	1.00-4.00	1.46	1.29
Mixed	2	18,293	30,140	1.50-1.65	1.65	-----
Total	91	327,035	421,413	.23-5.00	1.29	1.38
White fir: Virgin	2	715	867	.50-1.50	1.21	-----
Redwood:						
Virgin	59	263,951	626,163	1.50-6.00	2.37	2.10
Second	5	1,030	2,300	1.25-5.00	2.23	-----
Mixed	6	1,403	4,625	2.00-7.50	3.10	5.00
Total	70	266,474	633,088	1.25-7.50	2.38	2.10
Total average or spread, in- dividual softwoods	168	602,824	1,080,418	.23-7.50	1.79	1.80
Flat-rate softwoods:						
Virgin	21	730,844	1,083,347	.49-9.00	1.48	.46
Second	2	2,710	6,575	2.00-7.50	2.43	2.00
Mixed	1	5,000	5,000	-----	1.00	-----
Total	24	738,554	1,094,922	.49-9.00	1.48	.46
Regional total average or spread, all softwoods	102	1,341,378	2,175,340	.23-9.00	1.62	.80

REGION 2—PINE

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin	115	543,651	2,368,983	1.98-7.93	4.36	5.01
Second	53	18,202	55,459	1.50-5.00	3.05	2.72
Mixed	35	111,774	408,704	2.00-5.97	3.66	2.32
Total	203	673,627	2,833,146	1.50-7.93	4.21	4.89
Western white pine: Virgin	1	296	675	-----	2.28	-----
Sugar pine:						
Virgin	63	143,161	603,639	2.00-8.71	4.22	5.13
Second	13	669	2,681	3.00-4.50	4.01	3.39
Mixed	16	32,441	145,184	2.00-6.00	4.48	-----
Total	92	176,271	751,504	2.00-8.71	4.26	5.12
Douglas fir:						
Virgin	73	233,391	389,295	.48-4.00	1.67	1.82
Second	4	1,670	2,381	.75-3.50	1.43	1.97
Mixed	12	3,840	8,261	1.00-3.00	2.15	2.25
Total	89	238,901	399,937	.48-4.00	1.67	1.84
White fir:						
Virgin	74	170,346	285,830	.28-4.16	1.68	1.78
Second	6	3,114	3,013	.50-3.00	.97	2.07
Mixed	10	74,362	112,373	1.00-2.00	1.51	.77
Total	90	247,822	401,216	.28-4.16	1.62	1.77
Big tree: Virgin	2	180	810	-----	4.50	4.50

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

REGION PINE—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
Incense cedar:						
Virgin	51	50,890	90,147	.45-3.66	1.74	1.91
Second	2	295	374	1.25-1.50	1.27	2.00
Mixed	9	8,613	13,925	1.00-3.00	1.62	—
Total	62	65,798	113,446	.45-3.66	1.72	1.91
Total average or spread, individual softwoods						
	539	1,402,895	4,500,734	.28-8.71	3.21	4.11
Flat-rate softwoods:						
Virgin	34	115,937	389,738	1.00-5.05	3.36	.76
Second	25	20,068	56,717	2.00-4.00	2.83	2.49
Mixed	24	35,274	67,894	.42-4.02	1.92	1.21
Total	83	171,279	514,349	.42-5.05	3.00	.81
Regional total average or spread, all softwoods						
	622	1,574,174	5,015,083	.28-8.71	3.19	2.86

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Individual softwoods:						
Ponderosa pine:						
Virgin	119	550,751	2,389,533	1.98-7.93	4.34	5.01
Second	53	18,202	55,459	1.50-5.00	3.05	2.72
Mixed	35	111,774	408,704	2.00-5.97	3.66	2.32
Total	207	680,727	2,853,696	1.50-7.93	4.19	4.89
Western white pine: Virgin	1	296	675	—	2.28	—
Sugar pine:						
Virgin	64	144,661	608,139	2.00-8.71	4.20	5.13
Second	13	669	2,681	3.00-4.50	4.01	3.30
Mixed	16	32,441	145,184	2.00-6.00	4.48	—
Total	93	177,771	756,004	2.00-8.71	4.25	5.12
Douglas fir:						
Virgin	164	538,456	775,194	.23-5.00	1.44	1.53
Second	12	5,347	7,755	.75-4.00	1.45	1.60
Mixed	14	22,133	38,401	1.00-3.00	1.73	2.25
Total	180	565,936	821,350	.23-5.00	1.45	1.55
White fir:						
Virgin	76	171,061	286,697	.28-4.16	1.68	1.78
Second	6	3,114	3,013	.50-3.00	.97	2.07
Mixed	10	74,362	112,373	1.00-2.00	1.51	.77
Total	92	248,537	402,083	.28-4.16	1.62	1.77
Redwood:						
Virgin	61	264,131	626,973	1.50-6.00	2.37	2.10
Second	5	1,030	2,300	1.25-5.00	2.23	—
Mixed	6	1,493	4,625	2.00-7.50	3.10	5.00
Total	72	266,654	633,898	1.25-7.50	2.38	2.10
Incense cedar:						
Virgin	51	56,890	90,147	.45-3.66	1.74	1.91
Second	2	205	374	1.25-1.50	1.27	2.00
Mixed	9	8,613	13,925	1.00-3.00	1.62	—
Total	62	65,798	113,446	.45-3.66	1.72	1.91
Total average or spread, individual softwoods	707	2,005,719	5,581,152	.23-8.71	2.78	3.17

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

STATE TOTALS—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Flat-rate softwoods:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
55	846,781	1,473,085	.49-9.00	1.74	.53	
Second.....	27	22,778	63,292	2.00-7.50	2.78	2.42
Mixed.....	25	40,274	72,894	.42-4.02	1.81	1.21
Total.....	107	909,833	1,609,271	.42-9.00	1.77	.54
State total average or spread, all softwoods.....	814	2,915,552	7,190,423	.23-9.00	2.47	1.58

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
40	23,224	72,671	0.13- 5.00	3.13	2.52	
Second.....	12	9,206	31,037	2.00-10.00	3.37	2.96
Mixed.....	2	13,838	34,629	2.50- 3.00	2.50	-----
Total.....	54	46,268	138,337	.13-10.00	2.99	2.53
Western white pine:						
Virgin.....	7	2,719	8,875	3.00- 8.00	3.26	8.45
Second.....	7	773	5,257	3.00- 7.00	6.80	7.02
Mixed.....	1	30	210	-----	7.00	-----
Total.....	15	3,522	14,342	3.00- 8.00	4.07	8.39
Lodgepole pine:						
Virgin.....	3	875	2,163	2.00- 2.50	2.47	3.06
Second.....	3	51	141	2.00- 3.00	2.76	2.50
Mixed.....	1	2	4	-----	2.00	-----
Total.....	7	928	2,308	2.00- 3.00	2.49	2.99
Western larch:						
Virgin.....	38	13,851	31,118	.79- 4.60	2.25	1.42
Second.....	12	4,140	6,646	1.00- 3.00	1.61	1.84
Mixed.....	1	3,645	3,645	-----	1.00	-----
Total.....	51	21,636	41,400	.79- 4.60	1.91	1.44
Engelmann spruce:						
Virgin.....	8	2,187	4,004	1.00- 3.85	1.83	1.70
Second.....	2	43	106	2.00- 2.50	2.47	-----
Mixed.....	1	4	8	-----	2.00	-----
Total.....	11	2,234	4,118	1.00- 3.85	1.84	1.70
Douglas fir:						
Virgin.....	55	17,768	44,415	.79- 4.60	2.50	1.37
Second.....	14	5,815	9,455	1.00- 4.00	1.63	1.75
Mixed.....	2	3,076	3,707	1.00- 2.00	1.01	3.75
Total.....	71	27,250	57,577	.79- 4.60	2.11	1.40
White fir:						
Virgin.....	2	285	530	1.15- 2.50	1.86	1.67
Second.....	5	1,202	1,490	1.00- 3.00	1.18	1.88
Mixed.....	1	365	466	-----	1.25	-----
Total.....	8	1,912	2,476	1.00- 3.00	1.29	1.70

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwood—Continued						
Red cedar:						
Second	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Second	1	30	105	-----	3.50	-----
Mixed	1	500	1,000	-----	2.00	3.00
Total	2	530	1,105	2.00–3.50	2.08	2.77
Total average or spread, individual softwoods	219	104,280	261,672	.13–10.00	2.51	2.88
Flat-rate softwoods:						
Virgin	41	88,682	142,738	.35–4.00	1.61	1.63
Second	10	5,406	17,287	1.50–9.00	3.20	1.22
Mixed	3	923	1,830	1.50–3.00	1.98	5.83
Total	54	95,011	161,855	.35–9.00	1.70	1.04
Individual hardwood: Cottonwood, second	1	100	300	-----	3.00	-----
Regional total average or spread, all species	274	109,400	423,827	.13–10.00	2.13	2.57

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Virgin	17	8,857	23,306	1.50–4.00	2.63	2.36
Second	10	7,995	20,043	2.00–5.00	2.51	2.98
Mixed	1	13,771	34,428	-----	2.50	-----
Total	28	30,623	77,777	1.50–5.00	2.54	2.37
Western white pine:						
Virgin	5	2,704	8,805	3.00–8.00	3.26	8.46
Second	7	773	5,257	3.00–7.00	6.80	7.02
Mixed	1	30	210	-----	7.00	-----
Total	13	3,507	14,272	3.00–8.00	4.07	8.39
Lodgepole pine:						
Virgin	2	825	2,063	-----	2.50	3.19
Second	1	34	102	-----	3.00	-----
Total	3	859	2,165	2.50–3.00	2.52	3.19
Western larch:						
Virgin	8	1,965	3,654	1.50–3.50	1.86	1.35
Second	12	4,140	6,646	1.00–3.00	1.61	1.72
Mixed	1	3,045	3,045	-----	1.00	-----
Total	21	9,750	13,945	1.00–3.50	1.43	1.38
Engelmann spruce: Virgin	3	612	1,053	1.50–2.75	1.72	1.70
Douglas fir:						
Virgin	13	3,195	6,733	1.50–3.50	2.11	1.27
Second	11	5,715	9,170	1.00–3.00	1.60	1.74
Mixed	1	3,645	3,645	-----	1.00	-----
Total	25	12,555	19,548	1.00–3.50	1.56	1.30

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
White fir:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
2.....		285	530	1.15-2.50	1.86	1.67
5.....		1,262	1,400	1.00-3.00	1.18	1.88
Mixed.....	1	365	456	-----	1.25	-----
Total.....	8	1,912	2,476	1.00-3.00	1.29	1.70
Red cedar:						
Second.....	1	30	105	-----	3.50	-----
Mixed.....	1	600	1,000	-----	2.00	3.00
Total.....	2	530	1,105	2.00-3.50	2.08	2.88
Total, average or spread, individual softwoods.....	103	60,348	132,341	1.00-8.00	2.10	3.07
Flat-rate softwoods:						
Ponderosa pine:						
Virgin.....	25	60,882	94,378	.35-4.00	1.55	2.10
Second.....	6	4,358	11,824	1.50-3.75	2.71	1.67
Mixed.....	2	793	1,440	1.50-2.00	1.82	-----
Total.....	33	66,033	107,642	.35-4.00	1.63	2.10
State total average or spread, all species.....	136	126,381	239,983	.35-8.00	1.90	2.91

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
23.....		14,367	40,365	0.13- 5.00	3.44	3.19
2.....		1,211	10,994	5.25-10.00	0.08	2.93
Mixed.....	1	67	201	-----	3.00	-----
Total.....	26	15,045	60,560	.13-10.00	3.87	3.18
Wester white pine: Virgin.....	2	15	70	4.00- 6.00	4.67	3.10
Lodgepole pine:						
Virgin.....	1	50	100	-----	2.00	2.92
Second.....	2	17	39	2.00- 2.50	2.29	2.50
Mixed.....	1	2	4	-----	2.00	-----
Total.....	4	69	143	2.00- 2.50	2.07	2.83
Western larch: Virgin.....	30	11,886	27,404	.79- 4.60	2.31	1.60
Engelmann spruce:						
Virgin.....	5	1,575	2,051	1.00- 3.85	1.87	1.68
Second.....	2	43	106	2.00- 2.50	2.47	-----
Mixed.....	1	4	8	-----	2.00	-----
Total.....	8	1,622	3,065	1.00- 3.85	1.80	1.68
Douglas fir:						
Virgin.....	42	14,573	37,682	.79- 4.60	2.50	1.70
Second.....	3	100	285	2.50- 4.00	2.85	1.78
Mixed.....	1	31	62	-----	2.00	3.75
Total.....	46	14,704	38,020	.79- 4.60	2.50	1.71
Total average or spread, individual softwoods.....	116	43,941	120,331	.13-10.00	2.04	2.12

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Flat-rate softwoods:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
16	27,800	48,360	1.08- 4.00		1.74	1.85
4	1,048	5,463	2.00- 9.00		5.21	1.00
1	130	390			3.00	5.83
Total.....	21	28,978	54,213	1.08- 9.00	1.87	1.87
Individual hardwood: Cottonwood,						
second.....	1	100	300		3.00	
State total average or spread, all species.....	138	73,019	183,844	.13-10.00	2.52	1.06

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine:						
Virgin.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
79	37,299	127,018	2.00- 7.45		3.41	3.27
23	4,194	16,834	2.00-10.00		4.01	3.77
6	1,483	7,833	1.65- 6.35		5.28	3.06
Total.....	108	42,976	151,685	1.65-10.00	3.53	3.38
Lodgepole pine:						
Virgin.....	18	2,359	6,953	2.00- 4.00	2.95	2.23
Second.....	1	20	80		4.00	2.05
Total.....	19	2,379	7,033	2.00- 4.00	2.96	2.19
Engelmann spruce:						
Virgin.....	24	4,760	14,435	1.75- 4.00	3.03	2.56
Second.....	4	469	1,173		2.50	2.45
Total.....	28	5,229	15,608	1.75- 4.00	2.98	2.55
Douglas fir:						
Virgin.....	17	12,726	47,129	2.50- 4.50	3.70	3.74
Second.....	5	1,792	5,616	2.50- 4.00	3.13	2.61
Total.....	22	14,518	52,745	2.50- 4.50	3.63	3.33
White fir:						
Virgin.....	9	1,644	3,631	1.00- 4.00	2.21	2.53
Second.....	2	50	185	2.50- 4.00	3.70	2.12
Total.....	11	1,694	3,816	1.00- 4.00	2.25	2.84
Total average or spread, individual softwoods.....	188	66,796	230,887	1.00-10.00	3.40	3.16
Flat-rate softwoods:						
Virgin.....	15	2,295	8,850	2.10- 8.00	3.86	3.09
Second.....	7	733	3,941	3.00- 7.05	5.38	3.10
Mixed.....	3	80	103	2.00- 3.00	2.41	
Total.....	25	3,108	12,993	2.00- 8.00	4.18	3.10

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

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

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
66	136,641	3,186,223	12.35-42.33		23.32	18.75
Western white pine.....	25	3,348	84,485	18.00-34.00	25.23	26.19
Sugar pine.....	6	2,476	43,306	17.00-23.50	17.53	16.06
Western larch.....	23	6,000	115,813	12.17-28.60	19.30	15.11
Engelmann spruce.....	6	2,005	41,000	16.00-21.60	20.45	
Sitka spruce.....	83	137,885	3,550,768	11.00-47.38	25.82	26.12
Western hemlock.....	133	489,788	11,466,978	10.00-32.77	23.41	21.76
Douglas fir.....	561	1,563,350	40,041,779	2.00-43.00	25.61	24.65
White fir.....	96	59,616	1,476,024	11.00-39.26	24.76	27.19
Incense cedar.....	4	1,071	19,487	13.50-18.50	18.20	10.35
Western red cedar.....	119	218,524	5,170,984	14.64-38.75	23.66	24.23
Port Orford cedar.....						20.00
Total average or spread.....	1,122	2,620,704	65,205,937	2.00-47.38	24.88	23.93
Flat-rate softwoods.....	57	443,909	10,956,520	13.00-31.04	24.68	23.27
Individual hardwoods:						
Oak.....	1	50	1,250		25.00	37.00
Maple.....	12	1,983	64,025	20.00-37.50	32.29	31.79
Ash.....	1	150	3,750		25.00	27.89
Cottonwood.....	30	9,376	180,488	15.50-27.00	20.21	20.67
Birch.....	3	82	2,637	30.00-37.50	32.16	29.36
Alder.....	19	6,110	188,706	15.00-37.50	30.88	28.05
Regional total average or spread.....	1,245	3,082,364	76,612,313	2.00-47.38	24.86	23.86

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

REGION 1—EASTERN OREGON

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine.....	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
4	4,000	70,000	17.00-20.60		17.65	13.01
Western larch.....		200	3,320			11.53
Douglas fir.....	1				16.60	10.36
Total average or spread.....	5	4,200	73,920	16.60-20.60	17.60	12.90
Flat-rate softwoods.....	1	410	5,330		13.00	12.00
Regional total average or spread.....	6	4,610	79,250	13.00-20.60	17.10	12.85

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

REGION 2—WESTERN OREGON

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	1	10	215		21.50	15.75
White pine	1	423	10,790		25.53	18.50
Sugar pine	1	10	190		19.00	
Sitka spruce	25	48,835	1,088,742	17.00-40.11	22.29	19.32
Hemlock	32	191,719	4,063,078	13.50-28.25	24.32	21.03
Douglas fir	216	480,696	11,147,392	12.75-37.05	22.77	20.28
White fir	18	13,430	320,148	15.00-38.06	23.84	19.00
Incense cedar	2	1,007	15,623	17.50-18.50	18.40	
Red cedar	21	20,087	502,727	14.64-24.08	20.85	19.11
Port Orford cedar						20.00
Total average or spread	317	772,017	17,811,914	12.75-40.11	23.07	20.35
Flat-rate softwoods	10	81,638	1,872,548	14.25-25.28	22.04	21.17
Individual hardwoods:						
Oak	1	50	1,250		25.00	37.00
Maple	2	214	5,350		25.00	30.00
Ash	1	150	3,750		25.00	22.50
Cottonwood	2	6,228	123,949	10.89-19.98	19.90	20.00
Alder	4	808	19,282	22.00-25.00	23.86	15.00
Regional total average or spread	337	801,105	10,838,043	12.75-40.11	23.04	20.44

REGION 3—COLUMBIA RIVER

Individual softwoods:						
Ponderosa pine	2	819	16,316	18.50-20.00	19.92	23.43
White pine	3	83	1,911	20.00-30.75	23.02	23.00
Sitka spruce	12	23,237	701,345	24.28-39.64	30.18	28.15
Hemlock	7	4,087	111,395	22.29-30.31	27.26	23.14
Douglas fir	69	337,830	9,982,531	6.75-38.00	29.55	26.60
White fir	5	4,614	175,394	19.07-39.26	38.01	31.55
Red cedar	14	23,952	526,263	19.00-38.75	21.97	21.06
Total average or spread	112	394,022	11,515,155	6.75-39.64	29.18	26.42
Flat-rate softwoods	5	94,423	2,799,891	17.00-31.04	20.65	24.31
Individual hardwoods:						
Maple						30.00
Ash						30.00
Cottonwood						25.00
Alder						30.00
Regional total average or spread	117	489,045	14,315,046	6.75-39.64	29.27	26.11

REGION 4—KLAMATH

Individual softwoods:						
Ponderosa pine	33	86,609	2,202,790	12.35-43.33	25.43	19.50
White pine	1	76	1,976		26.00	
Sugar pine	5	2,466	43,206	17.00-23.50	17.52	16.05
Douglas fir	28	35,621	553,051	10.00-21.00	15.57	13.60
White fir	11	7,423	153,046	16.00-25.34	20.02	10.00
Incense cedar	2	64	864		13.50	10.35
Regional total average or spread	80	132,159	2,954,933	10.00-42.33	22.36	18.24

STATE TOTALS

Individual softwoods:						
Ponderosa pine	40	91,438	2,289,921	12.35-42.33	25.04	19.29
White pine	5	582	14,686	20.00-30.75	25.23	23.64
Sugar pine	6	2,476	43,396	17.00-23.50	17.53	16.06
Western larch						11.63
Sitka spruce	37	72,072	1,790,087	17.00-40.11	24.84	23.17
Hemlock	39	195,806	4,774,473	13.50-30.31	24.38	22.35
Douglas fir	314	863,147	21,686,294	6.75-38.00	25.12	22.63

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

STATE TOTALS—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods—Continued						
White fir	34	25,467	648,588	15.00–39.26	25.47	29.58
Incense cedar	4	1,071	19,487	13.50–18.50	18.20	10.35
Red cedar	35	50,939	1,088,900	14.64–38.75	21.38	20.06
Port Orford cedar						20.00
Total average or spread	514	1,302,998	32,355,922	6.75–42.33	24.83	22.29
Flat-rate softwoods	16	176,471	4,677,769	13.00–31.04	26.51	22.84
Individual hardwoods:						
Oak	1	50	1,250		25.00	37.00
Maple	2	214	5,350		25.00	30.00
Ash	1	150	3,750		25.00	27.74
Cottonwood	2	6,228	123,949	19.80–19.98	19.90	24.89
Alder	4	808	10,282	22.00–25.00	23.86	20.87
State total average or spread	540	1,486,910	37,187,272	6.75–42.33	25.01	22.36

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

REGION 1—PUGET SOUND

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
White pine	15	1,096	27,351	18.00–34.00	24.96	25.24
Sitka spruce	23	16,584	468,627	17.00–47.38	28.26	34.61
Hemlock	45	155,654	3,515,567	10.60–32.77	22.59	21.93
Douglas fir	143	399,267	10,657,703	2.00–43.00	26.69	26.80
White fir	14	6,044	186,148	19.60–35.48	30.80	25.95
Red cedar	61	106,327	2,534,531	17.00–38.00	23.84	25.33
Total average or spread	301	684,972	17,390,017	2.00–47.38	25.39	25.94
Flat-rate softwoods	18	200,857	4,735,451	17.00–30.30	23.58	26.06
Individual hardwoods:						
Maple	9	1,767	58,635	25.00–37.50	33.18	26.80
Cottonwood	17	2,270	50,286	16.00–27.00	22.15	19.13
Birch	3	82	2,637	30.00–37.50	32.16	29.36
Alder	11	6,144	165,616	15.00–37.50	32.20	27.29
Regional total average or spread	359	895,002	22,402,642	2.00–47.38	25.03	26.00

REGION 2—EASTERN WASHINGTON

Individual softwoods:						
Ponderosa pine	24	41,130	800,013	15.00–22.67	19.45	15.97
White pine	3	1,114	28,077	24.14–26.41	25.20	28.23
Larch	23	6,000	115,813	12.17–28.60	19.30	14.69
Engelmann spruce	6	2,005	41,000	16.00–21.50	20.45	-----
Hemlock	4	9,529	200,732	21.00–23.50	21.07	-----
Douglas fir	34	14,696	264,221	12.17–28.60	17.98	16.46
White fir	14	9,256	196,162	14.00–23.50	21.19	16.51
Red cedar	1	20	320		16.00	16.50
Total average or spread	100	83,750	1,646,338	12.17–28.60	19.66	17.43
Flat-rate softwoods	12	14,884	286,414	14.50–24.50	19.24	16.14
Cottonwood	9	862	14,718	15.50–20.50	17.27	-----
Regional total average or spread	130	90,486	1,947,470	12.17–28.60	19.58	16.93

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

REGION 3—GRAYS HARBOR

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
White pine	2	556	14,371	25.04-32.83	25.85	21.00
Sitka spruce	17	43,437	1,163,236	11.00-45.00	26.78	27.85
Hemlock	32	47,608	1,029,317	11.00-29.50	21.62	20.26
Douglas fir	22	73,261	2,266,613	16.00-42.60	30.94	29.21
White fir	24	8,510	205,507	11.00-29.50	24.15	22.47
Red cedar	9	33,505	886,936	21.00-30.00	26.47	24.99
Total average or spread	106	206,875	5,505,980	11.00-45.00	26.01	26.35
Flat-rate softwoods	1	21,356	516,755	-----	24.15	22.46
Individual hardwoods:						
Maple	1	2	40	-----	20.00	-----
Cottonwood	2	26	535	20.00-20.67	20.58	-----
Alder	3	71	1,633	20.00-23.95	23.00	20.00
Regional total average or spread	113	228,330	6,083,943	11.00-45.00	26.65	25.69

REGION 4—WILLAPA HARBOR

Individual softwoods:						
Sitka spruce	3	4,060	93,402	22.53-28.25	23.01	24.21
Hemlock	3	15,299	337,490	21.62-28.25	22.06	19.89
Douglas fir	3	11,381	278,446	22.03-31.25	24.47	20.55
White fir						20.80
Red cedar	3	16,753	416,445	22.88-26.49	24.86	21.04
Total average or spread	12	47,493	1,125,783	21.62-31.25	23.70	22.20
Flat-rate softwoods	2	29,696	730,234	24.07-29.09	24.59	-----
Regional total average or spread	14	77,189	1,856,017	21.62-31.25	24.05	22.20

REGION 5—COLUMBIA RIVER

Individual softwoods:						
Ponderosa pine	2	4,073	90,289	21.52-23.09	23.64	-----
White pine						22.05
Larch						21.94
Sitka spruce	3	1,732	44,416	23.70-26.94	25.64	20.03
Hemlock	10	65,894	1,609,390	10.00-26.86	24.42	22.46
Douglas fir	45	201,598	4,888,412	13.74-39.10	24.25	25.00
White fir	10	10,339	239,619	21.72-24.72	23.18	25.93
Red cedar	10	10,980	243,762	17.00-24.31	22.20	21.00
Total average or spread	80	204,616	7,121,897	10.00-39.10	24.17	23.95
Flat-rate softwoods	8	645	10,897	14.76-24.71	16.89	-----
Individual hardwoods:						
Maple						42.50
Ash						42.50
Alder	1	87	2,175	-----	25.00	23.29
Regional total average or spread	89	295,348	7,134,969	10.00-39.10	24.16	23.98

STATE TOTALS

Individual softwoods:						
Ponderosa pine	26	45,203	800,302	15.00-23.90	19.83	15.97
White pine	20	2,766	69,799	18.00-34.00	25.23	26.44
Larch	23	6,000	115,813	12.17-28.60	19.30	15.14
Engelmann spruce	6	2,005	41,000	16.00-21.50	20.45	-----
Sitka spruce	46	65,813	1,760,681	11.00-47.38	26.89	28.46
Hemlock	94	293,982	6,692,505	10.00-32.77	22.77	21.51
Douglas fir	247	700,203	18,355,485	2.00-43.00	26.21	26.76
White fir	62	34,149	827,436	11.00-35.48	24.23	24.22
Red cedar	84	167,585	4,081,994	16.00-38.00	24.36	24.78
Total average or spread	608	1,317,706	32,850,015	2.00-47.38	24.93	25.38

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

STATE TOTALS—Continued

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Flat-rate softwoods.....	Number 41	M ft. b. m. 287,438	Dollars 6,278,751	Dollars 14.50-30.30	Dollars 23.48	Dollars 23.63
Individual hardwoods:						
Maple.....	10	1,769	58,075	20.00-37.50	33.17	32.17
Ash.....						42.50
Cottonwood.....	28	3,148	65,539	15.50-27.00	20.82	19.13
Birch.....	3	82	2,637	30.00-37.50	32.16	29.36
Alder.....	15	5,302	109,424	15.00-37.50	31.95	27.19
State total average or spread.....	705	1,595,445	39,426,041	2.00-47.38	24.71	25.12

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

REGION 1—REDWOOD

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine.....	Number 4	M ft. b. m. 50	Dollars 966	Dollars 15.00-18.00	Dollars 16.37	Dollars 8.52
Sitka spruce.....	46	18,317	328,183	11.23-30.00	17.92	13.78
Douglas fir.....	9	277	3,877	10.65-16.00	14.00	-----
White fir.....	22	21,382	410,120	12.00-38.50	19.18	16.21
Redwood.....	1	543	9,258	-----	17.05	-----
Incense cedar.....						
Total average or spread.....	82	40,578	752,404	10.65-38.50	18.54	14.69
Flat-rate softwoods.....	1	244	3,660	-----	15.00	15.98
Oak.....	1	2	28	-----	14.00	-----
Regional total average or spread.....	84	40,824	756,092	10.65-38.50	18.52	14.77

REGION 2—PINE

Individual softwoods:						
Ponderosa pine.....	42	36,948	552,773	10.00-40.00	14.96	18.46
Sugar pine.....	7	10,459	134,342	12.53-26.00	12.84	18.99
Sitka spruce.....	7	1,042	13,066	8.96-22.85	12.54	12.62
Douglas fir.....	8	10,970	109,393	9.60-23.00	9.96	12.67
White fir.....	2	1,655	15,516	9.20-12.50	9.38	10.08
Incense cedar.....						
Total average or spread.....	66	61,082	825,000	8.96-40.00	13.51	16.10
Flat-rate softwoods.....	29	62,729	1,092,465	14.00-32.00	17.42	13.88
Regional total average or spread.....	95	123,812	1,917,555	8.96-40.00	15.49	15.90

STATE TOTALS

Individual softwoods:						
Ponderosa pine.....	42	36,948	552,773	10.00-40.00	14.96	18.44
Sugar pine.....	7	10,459	134,342	12.53-26.00	12.84	18.99
Sitka spruce.....	4	50	966	15.00-18.00	16.37	-----
Douglas fir.....	53	19,359	341,249	8.96-30.00	17.63	12.91
White fir.....	17	11,256	113,270	9.60-23.00	10.06	12.67
Redwood.....	22	21,382	410,120	12.00-38.50	19.18	16.21
Incense cedar.....	3	2,198	24,774	9.20-17.05	11.27	10.08
Total average or spread.....	148	101,661	1,577,494	8.96-40.00	15.52	15.88
Flat-rate softwoods.....	30	92,973	1,096,125	14.00-32.00	17.41	14.10
Oak.....	1	2	28	-----	14.00	-----
State total average or spread.....	179	104,636	2,673,647	8.96-40.00	16.24	15.73

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Western white pine	47	21,065	387,077	10.00-23.75	18.38	16.30
Lodgepole pine	23	4,043	111,546	15.00-30.75	27.59	23.33
Western larch	1	53	1,047		19.75	10.00
Engelmann spruce	35	17,498	315,479	10.00-25.50	18.03	14.81
Western hemlock	7	813	12,405	14.50-18.00	15.26	13.75
Douglas fir	40	17,004	301,604	10.00-25.50	17.74	15.35
White fir	12	3,999	76,570	12.00-22.25	19.15	15.31
Western red cedar	15	843	14,647	15.00-21.75	17.37	15.88
Total average or spread	180	65,318	1,220,375	10.00-30.75	18.68	15.93
Flat-rate softwoods	18	11,724	215,056	12.00-25.75	18.34	14.77
Cottonwood	1	3	48		18.00	-----
Region total average or spread	199	77,045	1,435,479	10.00-30.75	18.63	15.70

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
White pine	33	15,720	300,166	13.20-23.75	19.09	16.30
Western larch	18	3,858	107,327	20.00-30.75	27.82	24.23
Engelmann spruce	26	13,195	253,080	10.90-25.50	19.18	15.57
Douglas fir	1	25	450		18.00	15.26
White fir	32	12,608	238,837	10.00-25.50	18.81	16.16
Western red cedar	12	3,999	76,570	12.00-22.25	19.15	15.31
Total average or spread	137	50,338	991,077	10.90-30.75	19.69	16.67
Flat-rate softwoods	11	4,680	75,548	12.00-19.00	16.14	15.24
Cottonwood	1	3	48		16.00	-----
State total average or spread	149	55,021	1,066,673	10.90-30.75	19.39	16.47

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

Type of sale and species	Transactions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
Western white pine	14	5,345	86,911	10.00-20.00	16.26	14.92
Lodgepole pine	5	185	4,219	15.00-24.00	22.81	10.75
Western larch	1	53	1,047		10.75	10.00
Engelmann spruce	9	4,303	62,399	10.00-16.50	14.50	12.00
Douglas fir	6	788	11,955	14.50-18.00	15.17	13.65
Total average or spread	43	14,980	229,298	10.00-24.00	15.31	13.88
Flat-rate softwoods	7	7,044	139,508	12.50-25.75	19.81	14.94
State total average or spread	50	22,024	368,806	10.00-25.75	16.75	14.94

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	15	9,448	228,512	12.00-32.00	24.19	9.00
Lodgepole pine	13	1,000	20,352	16.00-23.00	20.35	19.16
Engelmann spruce	4	59	1,229	19.00-23.00	20.83	17.95
Douglas fir	2	183	2,939	18.00-19.00	18.03	16.77
White fir	1	136	3,400		25.00	12.28
Total average or spread	35	10,806	256,432	12.00-32.00	23.73	12.24
Flat-rate softwoods	2	1,240	36,800	20.00-30.00	29.68	18.87
Cottonwood	3	68	1,312	16.00-20.00	19.29	18.58
Total average or spread	40	12,114	294,544	12.00-32.00	24.31	14.63

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

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	M ft. b. m.	Dollars	Dollars	Dollars	Dollars
White pine	15	9,392	44,240	0.75-7.50	4.71	2.23
Sugarpine	5	844	8,506	3.00-12.00	10.08	3.85
Sitka spruce	50	44,078	150,720	.82-8.50	3.42	4.34
Hemlock	154	840,049	1,259,831	.20-4.90	1.50	1.74
Douglas fir	625	3,810,759	11,296,516	.25-13.00	2.96	3.75
White fir	48	211,724	539,937	.50-8.00	2.55	1.88
Incense cedar	7	902	1,601	1.35-3.00	1.77	1.58
Red cedar	98	151,561	542,364	.75-7.82	3.58	4.54
Port Orford cedar	8	52,763	631,173	5.00-15.00	11.96	4.00
Total average or spread	1,010	5,131,072	14,474,888	.20-15.00	2.82	3.51
Flat-rate softwoods	130	722,353	1,981,171	.54-8.09	2.74	3.10
Individual hardwoods:						
Oak	4	197	2,845	10.00-15.00	14.44	13.85
Maple	4	96	261	1.20-5.00	2.72	1.47
Ash						7.36
Cottonwood						1.32
Alder	26	10,620	10,299	.20-5.00	.97	1.75
Myrtle	1	50	500		10.00	
Regional total average or spread	1,175	5,864,388	16,460,964	.20-15.00	2.81	3.44

¹ The part of Washington and Oregon lying west of the Cascades.

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

Species	Lumber			Ties			Cooperage			Pulpwood		
	Quantity	Average price per M ft. b. m.		Quantity	Average price per M ft. b. m.		Quantity	Average price per M ft. b. m.		Quantity	Average price per M ft. b. m.	
		1945	1943		1945	1943		1945	1943		1945	1943
	M ft. b. m.	Dollars	Dollars									
Ponderosa pine.....	4,892	23.02	20.65	—	—	—	—	—	—	—	—	—
White pine.....	1,940	25.59	24.79	—	—	—	—	—	—	—	—	21.00
Sugar pine.....	10	19.00	—	—	—	—	—	—	—	—	—	—
Sitka spruce.....	76,317	27.62	28.73	100	28.25	—	1,908	28.47	28.74	48,047	22.23	18.63
Hemlock.....	114,423	22.38	22.39	255	27.89	17.00	2,755	29.56	25.65	349,009	23.80	21.39
Douglas fir ²	1,084,385	23.73	22.80	8,054	22.02	14.65	35,859	30.60	30.36	40,146	19.98	18.01
White fir.....	12,739	36.78	29.95	—	—	—	—	—	—	20,994	23.81	21.01
Incense cedar.....	7	17.71	—	—	—	—	—	—	—	—	—	—
Red cedar.....	30,167	28.67	27.35	100	20.00	13.00	—	—	—	—	—	—
Port Orford cedar.....	—	—	20.00	—	—	—	—	—	—	—	—	—
Oak.....	—	—	—	—	—	—	—	—	—	—	—	—
Maple.....	1,689	33.08	26.46	—	—	—	—	—	—	—	—	—
Ash.....	150	25.00	27.36	—	—	—	—	—	—	—	—	—
Cottonwood.....	1,353	21.90	22.52	4	20.00	—	—	—	—	7,167	20.24	18.51
Birch.....	82	32.16	29.36	—	—	—	—	—	—	—	—	—
Alder.....	5,236	31.11	27.29	8	20.00	—	—	—	—	—	—	—
Species	Veneer			Miscellaneous			All products			Quantity	Average price per M ft. b. m.	
	Quantity	Average price per M ft. b. m.		Quantity	Average price per M ft. b. m.		Quantity	Average price per M ft. b. m.			1945	1943
		1945	1943		1945	1943		1945	1943	—	1945	1943
	M ft. b. m.	Dollars	Dollars									
Ponderosa pine.....	—	—	—	—	—	—	—	—	—	—	—	—
White pine.....	218	22.00	—	28.00	10	21.50	—	—	—	4,902	23.02	23.00
Sugar pine.....	—	—	—	—	—	—	—	—	—	2,158	25.22	24.23
Sitka spruce.....	8,536	29.40	24.14	2,977	25.49	15.03	137,885	25.82	26.12	—	—	—
Hemlock.....	10,172	22.56	20.80	3,045	21.45	23.00	380,259	23.46	21.76	—	—	—
Douglas fir ²	296,468	34.31	33.58	46,624	26.12	19.11	1,512,933	25.92	24.06	—	—	—
White fir.....	9,204	24.93	27.77	—	—	—	42,937	26.24	27.38	—	—	—
Incense cedar.....	—	—	—	—	1,000	18.50	—	—	—	1,007	18.49	—
Red cedar.....	—	—	—	187,922	22.87	22.69	—	—	—	218,504	23.05	24.23
Port Orford cedar.....	—	—	—	—	—	—	—	—	—	—	—	—
Oak.....	—	—	—	—	50	25.00	37.00	—	—	50	25.00	37.00
Maple.....	—	—	—	—	294	27.72	29.88	1,983	32.29	—	31.79	—
Ash.....	—	—	—	—	—	—	—	—	—	150	25.00	27.88
Cottonwood.....	—	—	—	—	—	—	—	—	—	8,524	20.50	20.67
Birch.....	—	—	—	—	—	—	—	—	—	82	32.16	29.38
Alder.....	—	—	—	866	29.62	29.39	6,110	30.88	—	—	—	28.05

¹ The part of Washington and Oregon lying west of the Cascades.² Also reported for this species: Box shook: 949 M feet board measure; average price per M feet board measure—1945, \$15.05; 1943, \$19.08. Fuel wood: 448 M feet board measure; average price per M feet board measure—1945, \$11; no data for 1943.³ Included are 315 M feet board measure at \$18.50 per M feet for poles and posts, 1945; no data for 1943.

STUMPPAGE AND LOG PRICES, 1945

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

DISTRICT 1—NORTHEASTERN WASHINGTON

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine	Number	Mft. b. m.	Dollars	Dollars	Dollars	Dollars
	11	4,040	70,340	15.95-20.00	17.41	15.09
White pine	2	933	23,297	24.14-25.00	24.97	20.33
Larch	18	3,594	50,919	13.45-17.50	15.84	14.40
Engelmann spruce	2	33	542	16.00-16.50	16.42	—
Douglas fir	20	5,499	89,554	13.45-18.00	16.29	14.77
White fir	1	500	7,000	—	14.00	15.00
Red cedar	1	20	320	—	16.00	—
Flat-rate softwoods	1	430	6,235	—	14.50	14.79
District total average or spread..	56	15,049	254,207	13.45-25.00	16.89	15.02

DISTRICT 2—SAINT MARIES—COEUR D'ALENE

Individual softwoods:						
Ponderosa pine	18	10,334	208,080	19.00-23.75	20.14	18.03
White pine	12	3,695	103,560	26.00-30.75	28.03	27.26
Larch	17	11,790	231,782	17.00-25.50	19.66	15.93
Engelmann spruce	—	—	—	—	—	16.13
Hemlock	—	—	—	—	—	15.78
Douglas fir	17	10,918	212,667	17.00-25.50	19.48	16.44
White fir	8	3,773	72,963	17.00-22.25	19.34	15.47
Red cedar	5	187	3,489	17.50-21.75	18.66	15.62
Flat-rate softwoods	3	937	15,153	14.00-19.00	16.17	14.43
District total average or spread..	78	41,634	847,694	14.00-30.75	20.36	18.62

DISTRICT 3—SANDPOINT

Individual softwoods:						
Ponderosa pine	7	2,772	45,330	15.50-20.00	16.35	15.61
White pine	3	125	2,989	22.00-25.89	23.91	20.58
Larch	5	1,021	16,679	13.50-17.25	16.34	14.08
Engelmann spruce	1	25	450	—	18.00	15.51
Hemlock	—	—	—	—	—	20.00
Douglas fir	7	888	14,515	13.50-19.00	16.35	14.03
White fir	3	126	2,407	14.50-20.00	19.10	15.00
Red cedar	10	656	11,158	15.00-19.00	17.01	16.38
Flat-rate softwoods	1	30	480	—	16.00	15.36
Cottonwood	1	3	48	—	16.00	—
District total average or spread..	38	5,646	94,056	13.50-25.89	16.66	15.51

DISTRICT 4—CLEARWATER

Individual softwoods:						
Ponderosa pine	9	1,515	24,776	13.20-18.00	16.35	13.00
White pine	3	38	778	20.00-21.00	20.47	21.00
Larch	4	384	4,619	10.90-14.00	12.03	12.00
Douglas fir	7	724	8,631	10.90-14.00	11.92	12.00
White fir	1	100	1,200	—	12.00	11.27
Flat-rate softwoods	7	3,713	50,915	12.00-18.00	16.14	12.80
District total average or spread..	31	6,474	99,919	10.90-21.00	15.43	13.71

See footnote at end of table.

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

DISTRICT 5—KALISPELL

Type of sale and species	Trans- actions	Quantity	Value	Price range	Average price per M ft. b. m.	
					1945	1943
Individual softwoods:						
Ponderosa pine.....	9	4,613	74,051	10.00-20.00	16.05	14.97
White pine.....	5	185	4,219	15.00-24.00	22.81	19.76
Larch.....	9	4,303	62,399	10.00-16.50	14.50	12.91
Engelmann spruce.....	6	788	11,955	14.50-18.00	15.17	13.65
Douglas fir.....	7	4,191	60,927	10.00-16.50	14.54	12.93
Flat-rate softwoods.....	3	2,665	53,917	12.50-25.75	20.23	15.00
District total average or spread.....	39	16,745	267,468	10.00-25.75	15.97	13.91

DISTRICT 6—MISSOULA-BUTTE

Individual softwoods:						
Ponderosa pine.....	4	720	12,644	10.00-18.00	17.56	13.58
White pine.....	1	53	1,047	-----	19.75	17.00
Lodgepole pine.....	1	115	1,840	-----	-----	14.00
Larch.....	1	4,379	85,591	17.00-22.00	19.55	14.35
Flat-rate softwoods.....	10	5,267	101,122	10.00-22.00	19.20	14.33
District total average or spread.....						

DISTRICT 7—EASTERN MONTANA

Individual softwoods:						
Ponderosa pine.....	1	12	216	-----	18.00	18.00
Lodgepole pine.....				-----	10.00	10.00
Douglas fir.....				-----	12.87	12.87
Flat-rate softwoods.....				-----	10.00	10.00
District total average or spread.....	1	12	216	-----	18.00	13.00

ALL DISTRICTS

Individual softwoods:						
Ponderosa pine.....	57	24,006	435,437	10.00-23.75	18.14	16.51
White pine.....	25	4,976	134,843	15.00-30.75	27.10	25.94
Lodgepole pine.....	1	53	1,047	-----	19.75	10.00
Larch.....	53	21,092	372,398	10.00-25.50	17.66	14.86
Engelmann spruce.....	9	846	12,947	14.50-18.00	15.30	13.75
Hemlock.....				-----	17.15	17.15
Douglas fir.....	59	22,335	388,134	10.00-25.50	17.39	15.31
White fir.....	13	4,409	83,670	12.00-22.25	18.58	15.27
Red cedar.....	16	863	14,067	15.00-21.75	17.34	16.01
Flat-rate softwoods.....	19	12,154	221,291	12.00-25.75	18.21	16.17
Cottonwood.....	1	3	48	-----	16.00	-----
Regional total average or spread.....	253	90,827	1,664,682	10.00-30.75	18.33	16.73

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

