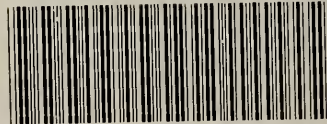




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UNITED STATES DEPARTMENT OF AGRICULTURE

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**LUMBER USED IN THE MANUFACTURE OF WOODEN PRODUCTS.**By J. C. NELLIS, *Forest Examiner.*

The importance of the wood-working industries among the manufacturing industries of the country is indicated by the fact that lumber-working plants, of all classes, consume annually 24½ billion feet of wood. This is about 60 per cent of the annual lumber production of approximately 40 billion feet. The material is mostly lumber, but includes comparatively small quantities of veneer, bolts, and dimension stock.

This report presents statistics showing the average annual consumption of wood by the wood-working industries in the United States. The basic data were secured by a series of State wood-using industry studies. Those for the more important States have been published separately. Although the State studies were begun in 1909 and were not completed until 1913, a period of 12 months was made the basis for the statistics for each State, and the final figures for the whole country here presented are therefore a very good average of the demand of each industry and the demand for each kind of wood.

Lumber usually is remanufactured to a greater or less extent before use, and in this report the product of the sawmill is not considered. However, planing mills operated in connection with sawmills manufacture large quantities of flooring, ceiling, siding, finish and other patterns which really are finished products, and such material accordingly is covered by the statistics.

About 40 per cent of the annual lumber cut is not worked by planing mills or factories into finished products. About one-fifth of this (in normal times) is exported, while the rest is used in general building and rough construction. Though all construction lumber requires cutting to length to make it fit into place, this industry was not considered by the studies, which canvassed only the wood-working factories. All imported woods used by factories are included in the statistics.

The wood-using studies were intended to supplement the annual reports on the consumption of wood for lath, shingles, cooperage, veneer, pulp, distillation, poles, and ties, and these industries therefore are not covered in this report.

In the case of Louisiana, Arkansas, Minnesota, Montana, Idaho, Washington, and Oregon, the basis for compiling the figures for planing-mill products differs from the general plan of including only planing-mill patterns, in that nearly all dressed lumber, surfaced on from one to four sides, is also included in the figures for these States.

Figure 1 shows graphically the comparative amounts used by each important industry in each State.

Figure 2 shows graphically the comparative amounts of each important wood used in each State.

Table 1 gives detailed figures by industries and shows the amount of each kind of wood used by each industry.

The scope of the statistics for the industries with titles that are not entirely descriptive is as follows: Planing-mill products cover standard patterns such as flooring, ceiling, and siding made in large quantities by planing mills in lumber-producing regions, while sash, doors, blinds, and millwork usually are made in millwork plants in the consuming regions. However, considerable quantities of doors and door stock are made in the Pacific Coast States. Boxes and crates cover all kinds of packing boxes and crates made of lumber or veneer, and also fruit and vegetable packages and baskets. Car construction covers wooden construction in all types of railroad and electric cars, as well as in locomotives and mine cars. Furniture includes household and office furniture, except chairs, kitchen furniture, and fixtures in business buildings. Vehicles take in horse vehicles, automobiles, bicycles, pushcarts, and wheelbarrows. Wood-ware and novelties embrace a thousand or more articles, such as kitchen utensils, wooden dishes, butter and cheese packages, measures, pails, wooden novelties of all kinds, ladders, and supplies for dairymen, poulterers, and apiarists. Fixtures are such as show cases, counters, bars, and lodge and church furnishings. Shade and map rollers include also curtain and rug poles and venetian blinds. Machine construction means wooden construction in machinery of all kinds. Shoe lasts, pegs, and shanks are boot and shoe findings. Four-sevenths of the wood used for professional and scientific instruments went for pencils, the rest for artists', photographers', and draftsmen's instruments, rules, and scientific apparatus. Billiard and pool tables, as well as gymnasium goods and all outdoor sporting goods, come under sporting and athletic goods. Mine equipment includes ventilating apparatus, brattices, breaker equipment, slope rollers, and sprags. Dowels are small rods used in fastening together furniture, fixtures, and doors. Under playground equipment come lawn swings and porch furniture.



The kinds of wood are classified according to rather broad commercial practice. The classification is practically the same as that used in the lumber census bulletins; figures on the several species of each family or group are combined under the common name.

Oak, maple, spruce, hemlock, birch, hickory, basswood, ash, elm, cedar,<sup>1</sup> willow, locust, and eucalyptus each covers its different species.

Yellow pine includes the southern yellow pines, North Carolina pines, and minor eastern yellow pines. Western yellow pine is listed separately; trade names for it are western pine, western soft pine, and California white pine.

White pine covers both northern and western (Idaho) white pine as well as Norway pine and jack pine.

Cottonwood takes in the cottonwoods, aspen (or popple), and balm of Gilead.

Tupelo includes cotton gum (called tupelo commercially), black gum, and water gum.

Larch includes western larch and eastern tamarack.

Mahogany covers all woods sold in this country as such.

White fir includes the botanical white fir as well as grand and silver (amabilis) fir; the other minor firs, noble, red, and alpine fir, usually sold as white fir, are listed separately.

All other kinds of wood listed are single species except that cypress, sycamore, cherry, dogwood, magnolia (cucumber, of the magnolia family, is shown separately), and buckeye are family names, but only one species of each is used commercially. Redwood sometimes includes lumber from the bigtree. The red-gum tree yields both commercial red and sap gum and both are covered herein by red gum.

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<sup>1</sup> Spanish cedar is listed separately.

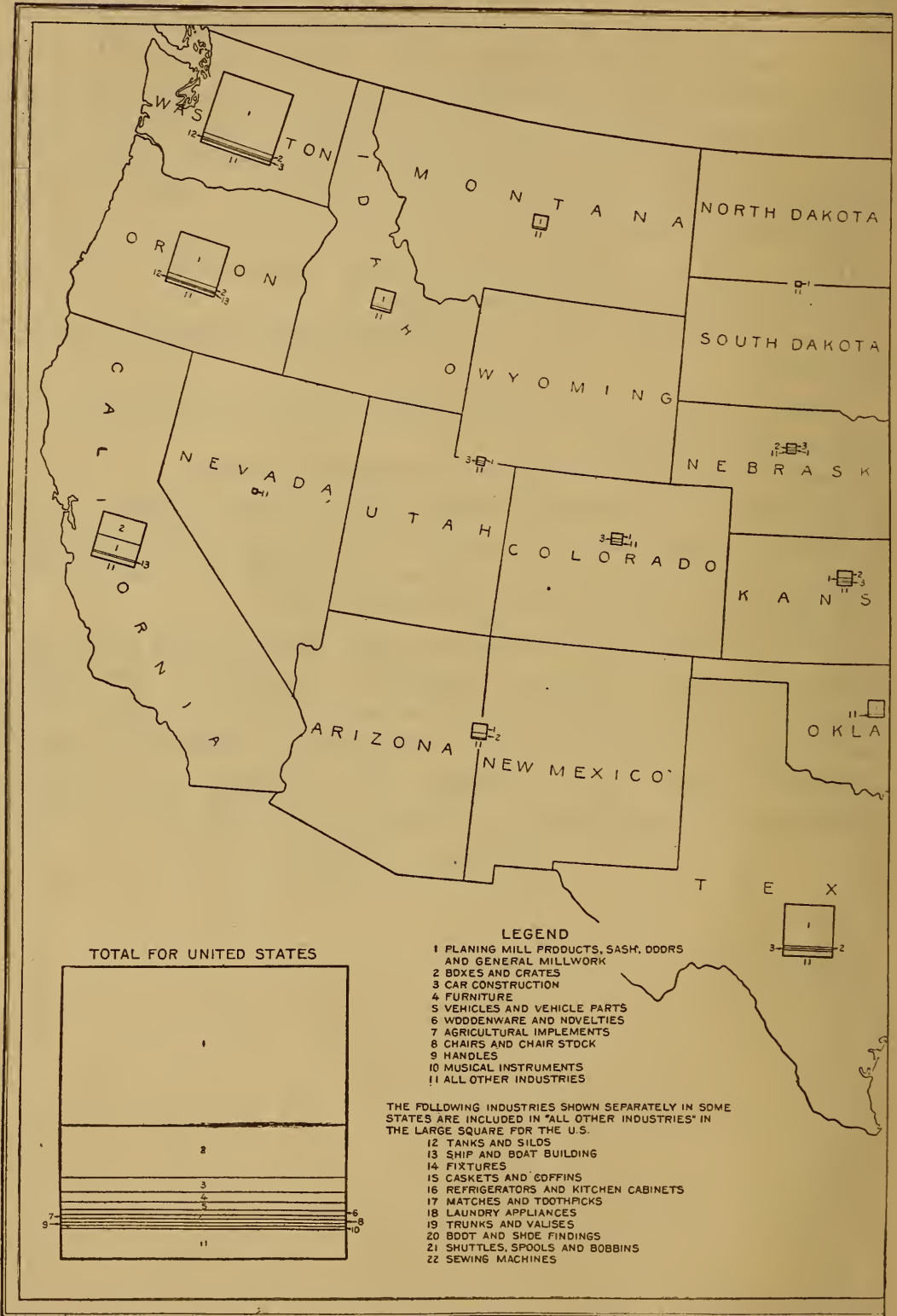
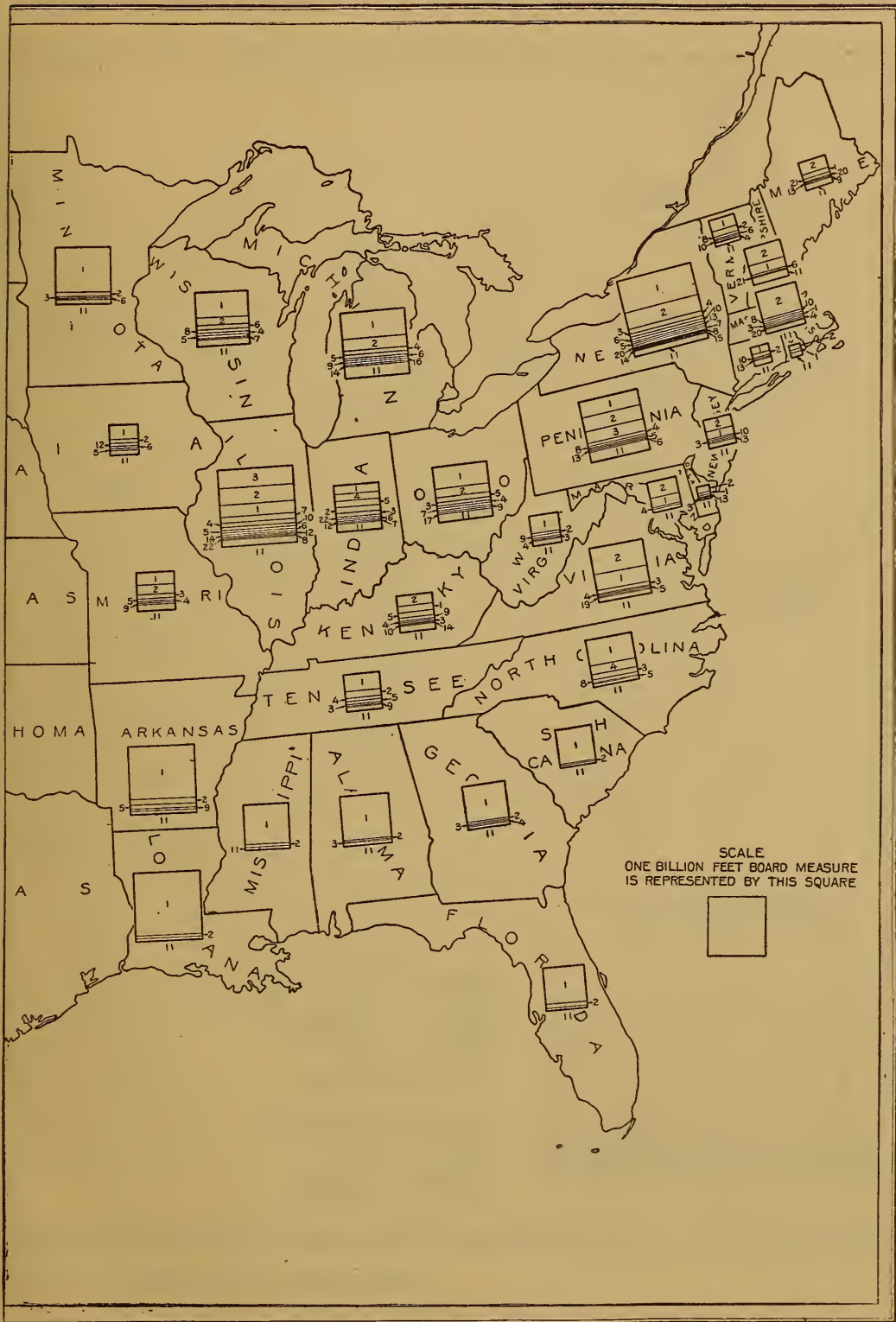


FIG. 1.—The annual consumption of wood by the



wood manufacturing industries (by industries).

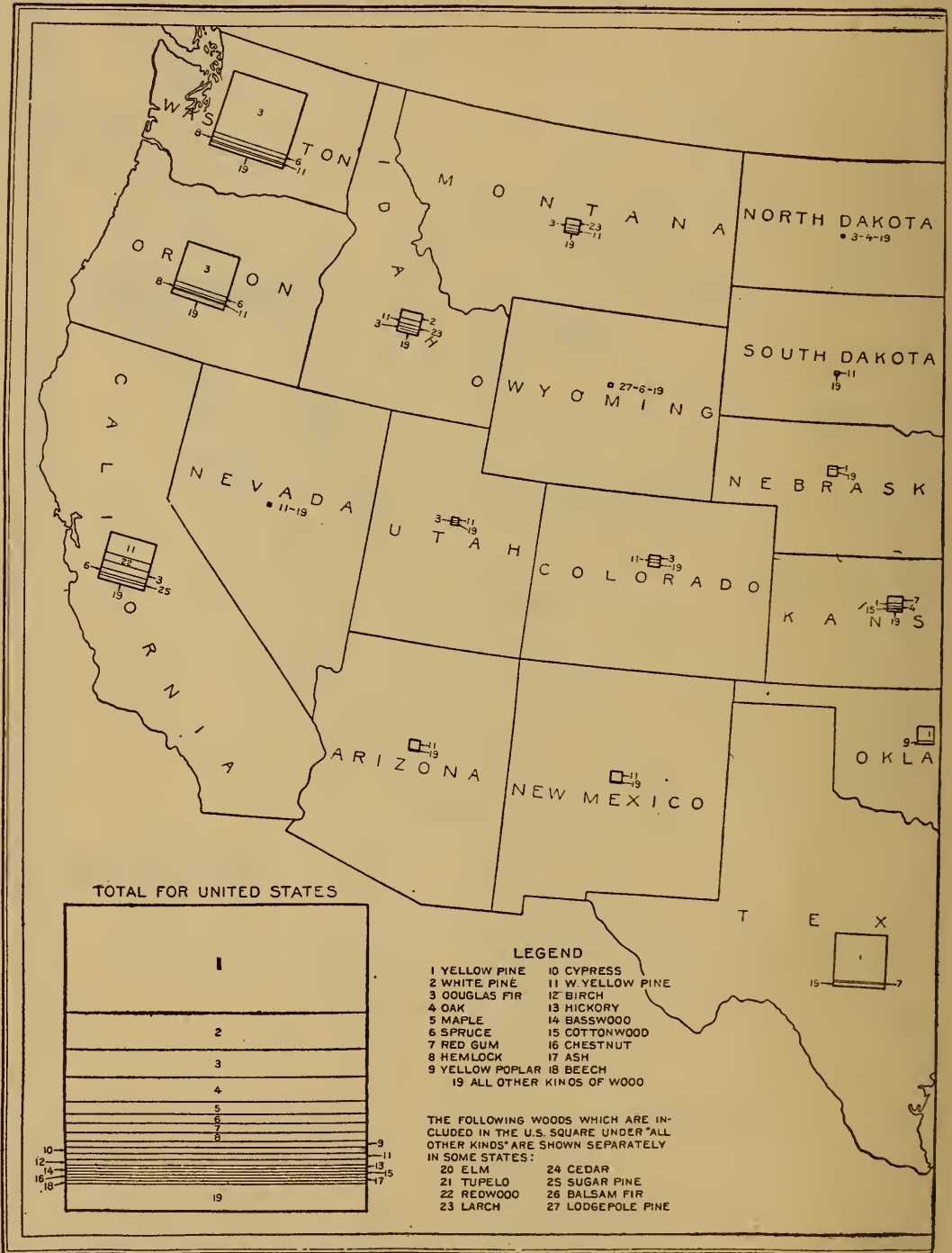
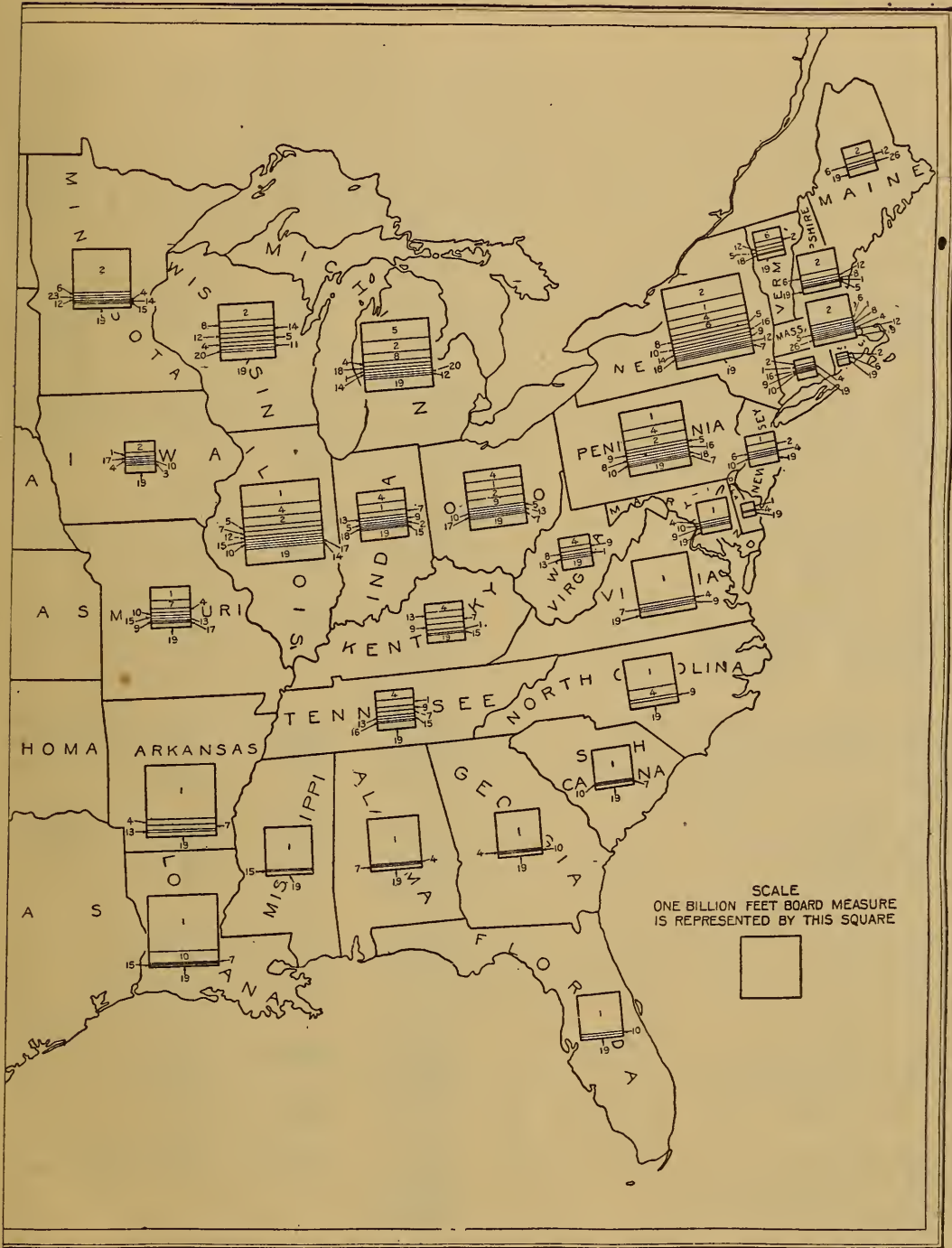


FIG. 2.—The annual consumption of wood by the





wood manufacturing industries (by kinds of wood).

TABLE 1.—Quantity of each kind of wood used annually

Industry.	Kind of wood.			
	Total.	Yellow pine.	White pine.	Douglas fir.
All industries.....	<i>Feet b. m.</i> 24,576,556,564	<i>Feet b. m.</i> 8,610,685,624	<i>Feet b. m.</i> 3,112,698,017	<i>Feet b. m.</i> 2,273,788,484
Planing-mill products, sash, doors, blinds, and general millwork.....	13,428,862,066	6,447,780,805	1,543,345,756	1,991,177,352
Boxes and crates.....	4,550,016,430	1,044,993,123	1,131,969,940	7,349,840
Car construction.....	1,262,090,371	678,114,162	75,382,166	86,544,784
Furniture.....	944,677,807	18,926,400	9,332,808	11,387,790
Vehicles and vehicle parts.....	739,144,483	31,205,478	1,675,277	930,610
Woodenware, novelties, and dairymen's, poulter- ers', and apiarists' supplies.....	405,286,436	18,566,406	47,744,797	2,005,175
Agricultural implements.....	321,239,336	98,453,396	8,243,440	2,537,250
Chairs and chair stock.....	289,790,560	20,000	815,068	65,000
Handles.....	280,234,571	67,000	25,500	247,200
Musical instruments.....	260,195,026	2,107,994	9,394,820	480,400
Tanks and silos.....	225,619,686	41,291,700	17,007,600	89,705,322
Ship and boat building.....	199,598,228	65,698,652	14,256,006	44,342,081
Fixtures.....	187,132,848	11,612,365	4,864,150	5,512,310
Caskets and coffins.....	153,394,557	11,970,650	33,170,942	6,000
Refrigerators and kitchen cabinets.....	137,616,266	7,872,931	8,613,186	543,600
Matches and toothpicks.....	85,442,111	.....	73,059,611	.....
Laundry appliances.....	79,502,040	1,397,000	3,026,870	184,500
Shade and map rollers.....	79,291,575	1,150,000	61,450,000	3,000,000
Paving material and conduits.....	76,067,000	65,092,000	1,850,000	3,500,000
Trunks and valises.....	74,667,997	15,277,990	7,299,500	.....
Machine construction.....	69,459,430	22,461,088	5,405,405	985,100
Boot and shoe findings.....	66,240,200	.....	.....	.....
Picture frames and molding.....	65,477,783	5,498,000	5,812,300	6,000
Shuttles, spools, and bobbins.....	65,148,190	.....	130,000	.....
Tobacco boxes.....	64,127,476	.....	199,425	.....
Sewing machines.....	59,946,527	65,000	.....	.....
Pumps and wood pipe.....	55,826,938	373,230	12,524,000	21,351,480
Pulleys and conveyors.....	35,862,900	250,000	285,000	129,000
Professional and scientific instruments.....	35,070,928	46,600	601,670	30,000
Toys.....	28,926,552	.....	2,367,131	.....
Gates and fencing.....	27,450,540	6,765,000	3,883,500	805,000
Sporting and athletic goods.....	25,191,907	943,000	805,300	85,000
Patterns and flasks.....	24,299,403	1,951,447	17,854,635	54,090
Bungs and faucets.....	21,112,342	.....	287,000	.....
Plumbers' woodwork.....	20,313,450	262,250	786,500	.....
Electrical machinery and apparatus.....	18,188,910	1,264,900	3,022,700	138,000
Mine equipment.....	16,987,697	1,263,000	239,000	.....
Brushes.....	12,878,986	.....	75,000	.....
Dowels.....	11,980,500	.....	25,000	.....
Elevators.....	10,018,680	3,622,868	1,692,450	415,200
Saddles and harness.....	9,218,000	.....	10,000	130,500
Playground equipment.....	9,064,812	1,448,012	42,000	1,000
Butchers' blocks and skewers.....	8,197,050	.....	200,000	.....
Clocks.....	7,894,249	926,571	476,064	.....
Signs and supplies.....	6,888,366	428,856	3,266,950	36,000
Printing material.....	5,324,794	337,000	11,550	.....
Weighing apparatus.....	5,021,550	1,180,750	168,000	102,900
Whips, canes, and umbrella sticks.....	4,946,880	.....	.....	.....
Brooms and carpet sweepers.....	2,277,334	.....	.....	.....
Firearms.....	2,093,901	.....	.....	.....
Artificial limbs.....	687,080	.....	.....	.....
Tobacco pipes.....	489,515	.....	.....	.....
Airplanes.....	74,300	.....	.....	.....



in the manufacture of wooden products.

Kind of wood—Continued.								
Oak.	Maple.	Spruce.	Red gum.	Hemlock.	Yellow poplar.	Cypress.	Western yellow pine.	Birch.
<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>
1,983,584,491	919,420,274	805,050,195	797,343,658	708,752,769	680,936,848	668,353,342	563,816,810	481,293,680
501,367,772	317,634,231	350,528,295	121,366,583	442,050,165	236,047,697	508,728,575	264,920,778	133,867,989
56,362,111	96,831,648	335,935,643	402,121,640	203,526,091	165,416,737	38,962,895	288,291,927	90,787,900
305,276,814	5,789,298	8,799,060	1,035,640	12,455,379	32,439,064	1,676,400	4,242,500	5,830,429
431,653,289	87,571,456	2,270,500	102,237,867	7,053,446	53,374,580	3,477,800	1,806,985	54,677,450
212,918,361	35,863,267	835,650	26,650,314	448,678	48,665,960	1,320,951	182,300	14,227,125
7,716,860	38,255,880	28,591,148	8,358,296	2,136,522	7,278,889	8,693,450	262,500	29,547,890
69,346,130	48,319,210	2,623,500	11,976,000	1,257,400	12,412,300	2,682,000	219,000	4,704,000
135,269,118	47,264,747	10,000	8,790,280	216,000	1,140,000	-----	30,000	30,114,332
12,458,472	41,238,446	18,000	6,654,300	500,000	211,900	122,000	-----	9,908,250
20,638,480	45,482,775	29,144,150	9,243,825	615,600	40,371,925	70,000	-----	12,349,055
5,642,401	200,000	10,233,500	1,085,000	1,777,000	240,000	35,408,575	127,000	-----
32,382,311	1,014,167	7,783,980	164,000	4,745,775	448,077	5,014,741	518,500	1,055,167
62,681,744	20,701,026	2,016,816	5,491,170	473,300	14,574,881	3,364,550	961,720	15,255,129
7,544,255	110,000	1,700,000	7,010,520	1,985,000	9,640,860	19,157,633	543,500	191,000
31,351,521	6,375,242	5,555,690	13,483,400	6,934,872	5,985,729	1,700,500	50,000	3,628,106
-----	1,200,000	750,000	-----	-----	500,000	-----	-----	3,575,000
427,500	14,219,000	2,301,000	3,395,000	1,300,000	1,026,200	15,321,300	5,000	3,876,500
294,000	879,925	7,063,000	2,065,200	-----	326,000	20,000	-----	93,000
4,500	5,047,000	1,759,850	1,783,005	7,000,000	2,988,500	1,275,000	361,000	71,500
8,295,864	3,597,981	729,775	206,500	3,268,191	2,208,577	15,868,405	2,000	470,406
3,000	54,050,000	-----	-----	-----	190,000	-----	-----	7,483,000
16,043,423	309,150	325,000	7,675,040	-----	2,158,814	451,000	-----	3,133,700
39,000	13,531,450	-----	270,000	-----	701,000	-----	-----	38,192,000
403,200	96,450	-----	6,898,270	-----	7,358,919	1,559,027	-----	-----
19,106,250	324,148	-----	20,774,280	-----	8,039,244	-----	-----	206,000
565,800	1,706,000	-----	3,089,628	-----	1,974,000	2,055,000	-----	55,500
7,343,500	2,436,000	177,000	19,677,500	200,000	400,000	3,000	5,000	745,000
372,100	4,425,167	16,000	75,500	-----	1,001,400	23,000	8,000	1,062,050
1,444,057	3,964,400	1,300	523,000	241,000	882,000	150,000	-----	3,123,950
2,640,700	140,000	1,071,000	-----	5,152,000	5,000	681,040	33,000	300,000
2,497,559	4,913,815	191,800	150,000	186,600	970,200	166,000	-----	983,233
182,200	118,150	478,238	1,000	580,600	344,330	74,000	136,500	7,000
250,000	854,900	110,000	325,000	-----	18,010,000	-----	1,200	305,000
14,031,200	388,300	-----	416,000	-----	819,000	25,000	-----	2,404,500
4,936,000	1,190,650	1,980,700	202,500	257,600	561,700	201,000	-----	804,200
4,826,472	949,200	-----	250,100	2,328,750	86,500	-----	-----	336,075
90,900	1,911,897	-----	284,800	-----	282,265	30,000	7,000	1,913,000
77,000	1,354,500	-----	15,000	-----	-----	-----	90,000	8,149,000
956,200	1,562,262	73,000	-----	1,003,800	334,600	10,000	10,000	28,000
1,248,000	1,450,500	-----	1,078,500	-----	22,200	-----	1,400	10,000
2,576,800	854,000	100,000	30,000	-----	85,000	-----	-----	147,500
12,000	2,145,650	-----	1,750,000	-----	-----	-----	-----	240,000
2,637,027	80,000	-----	37,000	-----	1,085,000	-----	-----	52,044
12,000	101,500	10,000	200,000	1,060,000	100,600	30,000	1,000,000	-----
272,100	703,786	-----	15,000	-----	150,000	30,000	-----	242,200
158,000	451,000	1,820,000	-----	5,000	73,000	500	-----	675,000
20,000	1,101,100	-----	20,000	-----	-----	-----	-----	580,000
405,000	564,500	-----	110,000	-----	-----	-----	-----	530,500
-----	-----	-----	345,000	-----	-----	-----	-----	-----
-----	147,100	-----	-----	-----	-----	-----	-----	353,000
3,500	-----	46,600	12,000	-----	4,200	-----	-----	2,000

TABLE 1.—Quantity of each kind of wood used annually

Industry.	Kind of wood.			
	Hickory.	Basswood.	Cottonwood.	Chestnut.
	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>
All industries.....	389,604,531	369,640,732	322,642,796	298,849,801
Planing-mill products, sash, doors, blinds, and general millwork.....	2,489,288	60,557,122	21,428,700	82,267,497
Boxes and crates.....	767,920	86,979,611	210,519,509	36,216,700
Car construction.....	1,226,706	5,148,521	3,037,468	825,074
Furniture.....	843,600	33,146,276	5,158,309	44,734,180
Vehicles and vehicle parts.....	239,491,910	6,418,308	33,278,658	972,809
Woodenware, novelties, and dairymen's, poultry-ers', and apiarists' supplies.....	1,567,011	58,563,923	13,315,296	20,853,100
Agricultural implements.....	9,860,470	7,861,750	15,143,000	884,000
Chairs and chair stock.....	1,192,200	1,758,338	126,000	5,240,630
Handles.....	120,294,466	2,285,885	27,000	10,000
Musical instruments.....	225	10,968,180	2,351,000	38,125,141
Tanks and silos.....		5,000		15,000
Ship and boat building.....	110,195	959,000	14,026	751,295
Fixtures.....	26,000	7,114,755	1,553,351	8,039,595
Caskets and coffins.....		2,728,038	555,000	46,586,629
Refrigerators and kitchen cabinets.....	150,000	5,221,634	4,420,322	1,508,753
Matches and toothpicks.....		5,575,000	375,000	
Laundry appliances.....		4,980,670	7,991,500	20,500
Shade and map rollers.....	2,500	702,500		460,000
Paving material and conduits.....				
Trunks and valises.....	173,700	21,164,406	1,973,325	562,500
Machine construction.....	1,113,135	1,155,403	293,000	272,375
Boot and shoe findings.....	25,000	3,599,200	5,000	
Picture frames and molding.....	10,000	20,340,700	1,000	1,314,650
Shuttles, spools, and bobbins.....	872,000	1,947,000	175,000	
Tobacco boxes.....		4,206,250	6,750	
Sewing machines.....		310,000	326,912	540,000
Pumps and wood pipe.....	925,000			
Pulleys and conveyors.....		625,000	42,000	120,000
Professional and scientific instruments.....	971,332	2,619,070	170	367,000
Toys.....		8,739,242	257,000	966,268
Gates and fencing.....	600	50,000		5,121,500
Sporting and athletic goods.....	4,944,000	318,600	60,000	222,000
Patterns and flasks.....		123,500		175,200
Bungs and faucets.....	6,000			
Plumbers' woodwork.....		245,000		114,000
Electrical machinery and apparatus.....		299,000	7,500	112,700
Mine equipment.....	816,363			854,405
Brushes.....	125,000	758,300	50,000	31,500
Dowels.....	30,500	167,500	5,000	
Elevators.....	100	10,000		19,000
Saddles and harness.....	12,800	52,000	46,000	
Playground equipment.....	100,000			
Butchers' blocks and skewers.....	1,310,000			
Clocks.....		1,415,000		290,000
Signs and supplies.....		100,000	100,000	
Printing material.....	20,500	352,600		255,800
Weighing apparatus.....		35,000		
Whips, canes, and umbrella sticks.....	84,000	32,500		
Brooms and carpet sweepers.....				
Firearms.....				
Artificial limbs.....	40,010	1,000		
Tobacco pipes.....				
Airplanes.....	2,000			





TABLE 1.—Quantity of each kind of wood used annually

Industry.	Kind of wood.			
	Mahogany.	Spanish cedar.	Sycamore.	Black walnut.
All industries.....	<i>Feet b. m.</i> 50,575,999	<i>Feet b. m.</i> 30,323,441	<i>Feet b. m.</i> 26,052,812	<i>Feet b. m.</i> 23,988,346
Planing-mill products, sash, doors, blinds, and general millwork.....	7,336,932	8,123	1,723,550	4,606,420
Boxes and crates.....	13,000	.....	16,451,693	163,250
Car construction.....	5,986,193	.....	.....	256,181
Furniture.....	15,637,125	2,500	1,474,882	1,639,957
Vehicles and vehicle parts.....	516,399	500	62,600	390,450
Woodenware, novelties, and dairymen's, poulterers', and apiarists' supplies.....	72,305	10,000	607,500	38,547
Agricultural implements.....	500	.....	290,000	8,000
Chairs and chair stock.....	2,455,700	.....	971,344	263,200
Handles.....	29,000	.....	156,000	29,050
Musical instruments.....	8,610,355	7,750	304,600	4,991,808
Tanks and silos.....	.....	.....	.....	.....
Ship and boat building.....	1,190,192	27,300	38,000	3,750
Fixtures.....	5,527,819	.....	713,000	660,635
Caskets and coffins.....	1,528,294	300	.....	474,000
Refrigerators and kitchen cabinets.....	6,800	.....	340,000	.....
Matches and toothpicks.....	.....	.....	.....	.....
Laundry appliances.....	.....	.....	2,000	20,000
Shade and map rollers.....	5,000	.....	202,000	2,000
Paving material and conduits.....	.....	.....	.....	.....
Trunks and valises.....	500	.....	5,000	.....
Machine construction.....	5,885	.....	.....	10,817
Boot and shoe findings.....	.....	.....	.....	.....
Picture frames and molding.....	171,200	.....	30,000	125,004
Shuttles, spools, and bobbins.....	.....	.....	.....	.....
Tobacco boxes.....	161,200	30,203,068	430,000	.....
Sewing machines.....	91,878	.....	150,000	7,796,815
Pumps and wood pipe.....	.....	.....	.....	.....
Pulleys and conveyors.....	.....	.....	.....	.....
Professional and scientific instruments.....	84,862	.....	.....	71,200
Toys.....	.....	.....	91,343	.....
Gates and fencing.....	.....	.....	.....	.....
Sporting and athletic goods.....	100,000	31,500	30,500	41,000
Patterns and flasks.....	271,659	31,400	.....	21,500
Bungs and faucets.....	.....	.....	.....	56,000
Plumbers' woodwork.....	127,000	.....	.....	10,300
Electrical machinery and apparatus.....	301,700	.....	.....	452,600
Mine equipment.....	.....	.....	.....	.....
Brushes.....	35,300	1,000	74,300	26,700
Dowels.....	.....	.....	.....	.....
Elevators.....	1,000	.....	.....	.....
Saddles and harness.....	.....	.....	34,500	.....
Playground equipment.....	.....	.....	.....	.....
Butchers' blocks and skewers.....	.....	.....	1,600,000	.....
Clocks.....	204,196	.....	.....	53,527
Signs and supplies.....	.....	.....	.....	.....
Printing material.....	48,500	.....	.....	.....
Weighing apparatus.....	4,000	.....	.....	.....
Whips, canes, and umbrella sticks.....	15,000	.....	.....	20,000
Brooms and carpet sweepers.....	30,500	.....	270,000	500
Firearms.....	.....	.....	.....	1,700,135
Artificial limbs.....	.....	.....	.....	.....
Tobacco pipes.....	.....	.....	.....	.....
Airplanes.....	6,000	.....	.....	.....





TABLE 1.—Quantity of each kind of wood used annually

Industry.	Kind of wood.			
	Butternut.	Red alder.	Lodgepole pine.	Red fir.
	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>	<i>Feet b. m.</i>
All industries.....	2,310,793	2,248,700	1,979,500	1,854,830
Planing-mill products, sash, doors, blinds, and general millwork.....	231,700	436,000	969,500	524,000
Boxes and crates.....	578,000			1,328,330
Car construction.....	1,300		1,000,000	
Furniture.....	593,500	792,500	1,000	2,500
Vehicles and vehicle parts.....	11,500		8,000	
Woodenware, novelties, and dairymen's, poultryers', and apiarists' supplies.....	159,000	20,000		
Agricultural implements.....	10,000			
Chairs and chair stock.....	20,546	625,000		
Handles.....	2,000	361,700		
Musical instruments.....	98,100			
Tanks and silos.....				
Ship and boat building.....	78,237			
Fixtures.....	393,600			
Caskets and coffins.....	16,000		1,000	
Refrigerators and kitchen cabinets.....				
Matches and toothpicks.....				
Laundry appliances.....				
Shade and map rollers.....	5,000			
Paving material and conduits.....				
Trunks and valises.....				
Machine construction.....	5,000			
Boot and shoe findings.....				
Picture frames and molding.....				
Shuttles, spools, and bobbins.....				
Tobacco boxes.....				
Sewing machines.....				
Pumps and wood pipe.....				
Pulleys and conveyors.....	10,000	5,500		
Professional and scientific instruments.....	30,000			
Toys.....	10,000			
Gates and fencing.....				
Sporting and athletic goods.....				
Patterns and flasks.....	42,710			
Bungs and faucets.....	14,600			
Plumbers' woodwork.....				
Electrical machinery and apparatus.....				
Mine equipment.....				
Brushes.....				
Dowels.....				
Elevators.....				
Saddles and harness.....		8,000		
Playground equipment.....				
Butchers' blocks and skewers.....				
Clocks.....				
Signs and supplies.....				
Printing material.....				
Weighing apparatus.....				
Whips, canes, and umbrella sticks.....				
Brooms and carpet sweepers.....				
Firearms.....				
Artificial limbs.....				
Tobacco pipes.....				
Airplanes.....				





TABLE 1.—Quantity of each kind of wood used annually

Industry.	Kind of wood.				
	Ebony.	Osage orange.	Rose-wood.	Prima vera.	Sassafras.
All industries.....	<i>Feet b. m.</i> 528,812	<i>Feet b. m.</i> 520,076	<i>Feet b. m.</i> 471,734	<i>Feet b. m.</i> 380,568	<i>Feet b. m.</i> 360,268
Planing-mill products, sash, doors, blinds, and general millwork.....	50,600		6,100	121,973	336,000
Boxes and crates.....					
Car construction.....		30,000	37,000	25,350	
Furniture.....	5,450	1,000	15,280	67,500	12,000
Vehicles and vehicle parts.....		439,026	1,100		
Woodenware, novelties, and dairymen's, poulterers', and apiarists' supplies.....	1,045	50,000	3,613		1,500
Agricultural implements.....					
Chairs and chair stock.....					
Handles.....	4,664		15,456		
Musical instruments.....	60,373		49,645	4,300	
Tanks and silos.....					
Ship and boat building.....		50	1,600	31,750	50
Fixtures.....	1,800		52,925	129,595	10,000
Caskets and coffins.....					718
Refrigerators and kitchen cabinets.....					
Matches and toothpicks.....					
Laundry appliances.....					
Shade and map rollers.....			1,000	100	
Paving material and conduits.....					
Trunks and valises.....					
Machine construction.....					
Boot and shoe findings.....					
Picture frames and molding.....	1,330		2,420		
Shuttles, spools, and bobbins.....					
Tobacco boxes.....			100		
Sewing machines.....					
Pumps and wood pipe.....					
Pulleys and conveyors.....					
Professional and scientific instruments.....	500		219,353		
Toys.....					
Gates and fencing.....					
Sporting and athletic goods.....	189,000		24,400		
Patterns and flasks.....					
Bungs and faucets.....			10,642		
Plumbers' woodwork.....			1,000		
Electrical machinery and apparatus.....			2,260		
Mine equipment.....					
Brushes.....	10,100		12,050		
Dowels.....					
Elevators.....					
Saddles and harness.....					
Playground equipment.....					
Butchers' blocks and skewers.....					
Clocks.....			290		
Signs and supplies.....					
Printing material.....					
Weighing apparatus.....					
Whips, canes, and umbrella sticks.....	194,150				
Brooms and carpet sweepers.....			5,500		
Firearms.....					
Artificial limbs.....			10,000		
Tobacco pipes.....	9,800				
Airplanes.....					

in the manufacture of wooden products—Continued.

Kind of wood—Continued.										
Eucalyptus.	Apple-wood.	Cocobola.	Yucca.	Holly.	Laurel.	Satin-wood.	Koko.	Turkish box-wood.	Miscellaneous foreign.	Miscellaneous native.
Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.	Feet b. m.
338,800	320,935	279,400	172,300	86,680	72,400	67,958	32,600	29,189	630,345	432,158
4,200	13,800		60,000 3,500	500	1,600	34,000			106,125	261,750 101,308
5,500 40,950	500 1,000			100	13,600	288 22,070	32,000		46,000 46,580 330	15,650 8,000
10,000		2,400	69,000	60,000	4,200					12,450 10,000
1,000	156,400	210,000		3,580		5,100		225 25	985 625	
273,050 100	1,500	200			47,500 500	1,000 5,000	500		20,500 17,000	1,000
							100			
4,000										
								1,575	2,250 40 36,600	
	300									
	25,000	64,800								
				1,500						
		2,000		21,000		500			1,000	
	1,000							33		
					5,000			25,600	30	
								1,731		
	121,435		39,800						30,000 322,280	22,000



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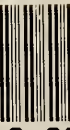
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