

Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

Description of the group of industries.—This group includes establishments primarily engaged in the manufacture of products comprising the basic lumber industries. These establishments include logging camps, sawmills, veneer mills, shingle mills, lath mills, cooperage-stock mills, planing mills, and plywood mills.

The report for this group of industries is included in a series presenting the results of the biennial censuses of manufactures and also in the annual series of lumber-production reports that have been published by the Bureau of the Census or by the Forest Service, Department of Agriculture, beginning with 1904.¹

The following individual industries were combined to

make up the Lumber and Timber Basic Products group in the Census of Manufactures for 1939:

1. Logging camps and logging contractors (not operating sawmills).
2. Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.
3. Planing mills not operated in conjunction with sawmills.
4. Plywood mills.

¹ The Forest Service, of the Department of Agriculture, cooperates in the lumber and timber products canvass by collecting data in 12 Western States—namely, the Pacific Coast States, the Rocky Mountain States, and South Dakota—and in Alaska, and also cooperates in the reviewing of certain wood production and consumption statistics.

TABLE 1.—SUMMARY FOR GROUP 5—LUMBER AND TIMBER BASIC PRODUCTS: 1899 TO 1939

CENSUS YEAR	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work ¹	Value of products	Value added by manufacture ²	Horsepower of prime movers
1939 ³	11,520	360,613	\$310,381,443	\$504,243,270	\$1,122,057,978	\$617,814,708	41,687,664
1937 ³	10,420	387,514	339,786,853	512,474,823	1,146,284,625	633,809,802	(⁴)
1935	8,734	303,527	225,253,228	331,547,995	747,886,393	416,338,398	(⁵)
1933	6,189	224,755	139,300,378	199,989,345	474,698,773	274,709,428	(⁵)
1931	8,449	251,140	214,422,123	286,270,989	679,309,494	393,038,505	(⁵)
1929	17,764	509,218	538,007,538	715,611,887	1,827,055,818	1,111,443,931	1,960,766
1927	12,071	510,535	539,501,667	815,402,438	1,796,279,420	980,876,982	1,814,420
1925	13,968	578,419	603,307,704	982,701,449	2,132,023,103	1,149,321,654	2,154,351
1923	13,608	508,940	609,291,042	974,237,646	2,187,246,315	1,213,008,669	2,020,017
1921	13,458	442,280	409,441,110	650,009,261	1,365,150,180	715,140,919	(⁵)
1919	31,428	567,901	581,395,617	770,226,140	1,887,909,671	1,117,683,531	2,526,348
1914	33,070	576,000	301,925,792	466,179,314	1,022,982,811	556,808,497	2,467,888
1909	39,492	659,570	303,403,215	461,639,117	1,080,786,259	619,147,142	(⁵)
1904	24,130	502,237	233,663,256	326,845,958	827,219,296	500,373,308	1,778,751
1899	27,241	486,767	180,573,590	342,186,268	722,828,727	380,642,459	(⁵)

SUMMARY FOR INDIVIDUAL INDUSTRIES FOR GROUP 5—LUMBER AND TIMBER BASIC PRODUCTS: 1939 AND 1937

SUBGROUPS AND INDUSTRIES	1939	1937	1939	1937	1939	1937	1939	1937
LOGGING								
Logging camps and logging contractors (not operating sawmills):								
1939	967	22,785	\$22,703,068	\$28,164,565	\$69,620,906	\$41,456,341	(⁴)	(⁴)
1937	591	19,390	22,156,807	28,881,926	66,254,673	37,872,747	(⁵)	(⁵)
SAWMILLS AND SPECIAL-PRODUCT MILLS								
Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills:								
1939	7,391	265,185	214,920,436	280,019,254	692,944,624	412,925,370	1,483,482	(⁵)
1937	7,002	296,832	245,319,671	304,657,936	755,464,371	450,806,435	(⁵)	(⁵)
PLANING AND PLYWOOD MILLS								
1939	3,162	72,643	72,757,939	196,059,451	359,492,448	163,432,997	204,182	(⁵)
1937	2,827	71,292	72,310,375	178,934,961	324,565,581	145,630,620	(⁵)	(⁵)
Planing mills not operated in conjunction with sawmills:								
1939	3,076	62,338	62,815,065	177,734,772	320,613,516	142,878,744	191,579	(⁴)
1937	2,750	61,690	63,186,124	161,611,142	289,623,028	127,911,886	(⁴)	(⁴)
Plywood mills:								
1939	86	9,805	9,942,874	18,324,679	38,878,932	20,554,253	12,603	(⁴)
1937	77	9,602	9,124,251	17,323,819	35,042,553	17,718,734	(⁴)	(⁴)

¹ Cost of contract work is not included in the figures for 1931 and prior years.

² Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS.—Value added by manufacture.

³ Figures for 1935 and prior years are not strictly comparable with those for 1939 and 1937 for the reason that the manufacture of venetian blinds, included in the former "Planing mill products and other wooden products not elsewhere classified" industry was established as a separate classification for 1939, and the 1937 reports were retabulated to obtain figures for comparison with those for 1939 for the "Venetian blinds" industry. The subtractions from the "Planing mill-products" industry for 1937 were as follows: Number of establishments, 85; wage earners (average for the year), 3,228; wages, \$2,992,108; cost of materials, supplies, fuel, purchased electric energy, and contract work, \$8,119,943; value of products, \$14,748,944; value added by manufacture, \$6,629,001. The figures for years prior to 1937 include such figures as were reported for venetian blinds.

⁴ No prime movers are included for the "Logging camps and logging contractors (not operating sawmills)" industry.

⁵ Not called for on schedule.

⁶ Figures not available.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GROUP 5—GENERAL STATISTICS IN DETAIL FOR LUMBER AND TIMBER BASIC PRODUCTS: 1939¹

ITEM	Total for the group	511	520	PLANING AND PLYWOOD MILLS	
				531	532
Number of establishments ²	11,520	967	7,391	3,076	86
Proprietors and firm members.....	10,066	1,062	6,938	2,042	24
Persons reported by manufacturing industries, total ³	398,575	24,464	287,272	76,242	10,597
Salaried officers of corporations ⁴	4,660	170	2,147	2,201	142
Manufacturing:					
Salaried employees ⁴	19,956	757	12,824	5,861	514
Wage earners (average for the year) ⁴	360,613	22,785	265,135	62,838	9,805
Distribution.....	8,962	89	3,998	4,783	92
Construction.....	3,099	538	2,388	145	28
Other.....	1,285	125	730	414	16
Salaries and wages, total ⁴	\$380,672,829	\$25,713,378	\$254,598,365	\$88,418,374	\$11,942,712
Salaried officers ⁴	18,399,732	700,091	8,928,293	8,087,811	683,537
Manufacturing:					
Salaries ⁴	33,198,489	1,409,518	21,343,580	9,478,127	967,264
Wages.....	310,381,443	22,703,068	214,920,436	62,815,065	9,942,874
Distribution.....	13,377,661	134,802	5,518,851	7,447,338	276,090
Construction.....	3,759,371	622,345	2,889,167	189,945	57,014
Other.....	1,556,133	143,554	998,058	400,088	14,453
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	504,243,270	28,164,565	280,019,254	177,734,772	18,324,679
Materials and supplies.....	463,374,986	20,362,098	252,977,343	172,448,263	17,587,282
Fuel.....	7,147,254	1,581,114	4,325,283	1,099,516	141,841
Purchased electric energy.....	7,026,568	19,719	8,358,707	3,134,639	533,493
Contract work.....	26,694,472	6,201,634	19,377,921	1,052,354	62,503
Value of products.....	1,122,057,978	69,620,906	692,944,624	320,613,516	38,878,932
Value added by manufacture ⁵	617,814,708	41,456,341	412,925,370	142,878,744	20,554,263

¹ The numbers at the head of each column represent the following industries: 511—Logging camps and logging contractors (not operating sawmills); 520—Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills; 531—Planing mills not operated in conjunction with sawmills; 532—Plywood mills.

² See GENERAL EXPLANATIONS—Definition of establishment.

³ See GENERAL EXPLANATIONS—Persons engaged—general classification.

⁴ See GENERAL EXPLANATIONS—Wage earners and wages.

⁵ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS)

[A preliminary report for this industry was issued November 20, 1940]

Description of the industry.—This industry, as constituted for census purposes, embraces establishments primarily engaged in the production of logs, bolts, and rough timber products such as hewn crossties, poles, posts, hewn mine timbers, wheel and handle stock, and excelsior stock whether cut for own account or on a contract basis.

Statistics for prior census years.—At the census for 1939, "Logging camps and logging contractors (not operating sawmills)" was established as a separate industry. Returns for such manufacturers were previously classified in the former "Lumber and timber products not elsewhere classified" industry. The data for the establishments now classified in the logging industry have been deducted from the statistics for the former "Lumber and timber products not elsewhere classified"

industry for 1937. No revisions were made, however, in the statistics for earlier years and, therefore, comparable figures are not available for years prior to 1937.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³
1939.....	967	22,785	\$22,703,068	\$28,164,565	\$69,620,906	\$41,456,341
1937 ⁴	591	19,390	22,156,807	28,881,926	66,254,673	37,372,747

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ No figures available for years prior to 1937.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arkansas	California	Colorado	Florida	Georgia	Idaho	Louisiana	Maine	Michigan	Minnesota
Number of establishments ¹	967	33	35	23	3	26	27	30	10	49	43	24
Proprietors and firm members.....	1,062	39	35	27	2	26	27	32	8	54	59	24
Persons reported by manufacturing establishments, total ²	24,464	322	342	292	20	977	320	691	275	1,207	927	812
Salaried officers of corporations ²	170							4	1	1		4
Manufacturing:												
Salaried employees ²	757	2	3	8	1	19	4	20	5	35	27	29
Wage earners (average for the year) ³	22,785	320	339	282	17	952	316	667	269	1,171	898	777
Distribution.....	89				2	6					2	2
Construction.....	538											
Other.....	125			2								
Salaries and wages, total ²	\$25,713,378	\$144,440	\$136,049	\$340,820	\$12,200	\$462,013	\$146,279	\$771,469	\$123,073	\$683,353	\$638,423	\$630,516
Salaried officers ²	700,091							34,700	1,200	1,694		11,500
Manufacturing:												
Salaries ²	1,400,518	2,360	1,656	10,935	400	33,472	2,310	30,039	7,825	27,903	32,569	49,706
Wages.....	22,703,068	142,080	134,393	327,220	11,500	421,941	143,969	706,730	114,048	653,756	600,339	565,360
Distribution.....	134,802				300	6,600					5,520	1,320
Construction.....	622,345											500
Other.....	143,554			2,665								2,130
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	28,164,565	258,619	126,273	284,030	7,694	520,632	120,189	811,581	203,063	486,361	378,023	568,540
Materials and supplies.....	20,362,098	185,511	86,526	234,522	7,694	386,549	115,402	797,364	124,398	410,733	351,907	313,590
Fuel.....	1,581,114	4,940	25,152	7,278		46,800	3,375	10,741	6,388	1,500	22,906	3,500
Purchased electric energy.....	19,719							29			610	
Contract work.....	6,201,634	68,168	14,595	42,230		87,283	1,412	3,447	72,277	74,128	2,600	251,450
Value of products.....	69,620,906	514,644	486,388	840,581	30,313	1,207,079	357,443	2,109,611	412,301	1,296,106	1,329,998	1,690,657
Value added by manufacture ⁴	41,456,341	256,025	360,115	556,551	22,619	686,447	237,254	1,298,080	209,238	809,745	951,975	1,122,117

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Mississippi	Missouri	Montana	North Carolina	Oregon	Pennsylvania	South Carolina	Texas	Virginia	Washington	West Virginia	Wisconsin	Other States ¹
Number of establishments ¹ —	30	3	11	19	239	10	11	42	9	231	5	22	32
Proprietors and firm members	34	4	7	20	267	10	10	50	10	247	5	30	35
Persons reported by manufacturing establishments, total ²	290	26	340	285	6,264	101	464	532	270	8,001	62	756	888
Salaried officers of corporations ²			5		56					89		7	3
Manufacturing:—													
Salaried employees ²	7	1	14	4	181		7	3	3	319		25	40
Wage earners (average for the year) ²	283	24	296	279	5,763	100	457	525	267	7,152	62	724	845
Distribution		1	5	2	5	1		4		59			
Construction			14		196					328			
Other			6		63					54			
Salaries and wages, total ²	\$164,206	\$14,484	\$455,460	\$117,757	\$8,311,495	\$79,818	\$245,733	\$284,017	\$143,175	\$10,628,724	\$35,423	\$411,324	\$733,122
Salaried officers ²			53,339		195,294					364,084		24,280	14,000
Manufacturing:—													
Salaries ²	7,822	490	19,876	7,583	366,362		11,703	2,037	4,880	728,664		14,126	46,800
Wages	156,384	13,514	355,582	100,214	7,531,305	78,698	234,030	278,560	138,295	8,907,987	35,423	372,918	669,822
Distribution		480		960	9,494	1,120		3,420		101,888			2,500
Construction			22,079		138,449					461,317			
Other			3,384		70,591					64,784			
Cost of materials, supplies, fuel, purchased electric energy, and contract work	217,093	27,554	259,276	259,012	9,178,939	34,647	222,016	287,415	232,633	11,893,018	18,341	405,650	1,363,906
Materials and supplies	192,564	23,954	139,060	203,148	5,453,170	26,280	208,874	232,803	213,797	9,111,890	18,125	344,210	1,180,018
Fuel	24,529	3,600	29,275	9,575	583,335	3,367	1,554	12,632	3,388	711,835	100	26,432	38,912
Purchased electric energy					6,478					10,955	116		1,531
Contract work			90,941	46,289	3,135,956	5,000	11,588	41,980	15,448	2,058,338		34,990	143,505
Value of products	636,631	55,710	914,453	470,806	23,363,038	200,552	510,476	969,850	467,198	28,215,604	85,653	1,073,998	2,372,810
Value added by manufacture ³	419,538	28,156	655,177	211,794	14,184,099	165,905	297,460	682,435	234,565	16,322,586	67,312	668,348	1,008,850

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Arizona, 3 establishments; Delaware, 2; Indiana, 1; Kentucky, 5; New Hampshire, 6; New York, 7; Ohio, 1; South Dakota, 2; Tennessee, 1; Vermont, 3; Wyoming, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Logging Camps and Logging Contractors (Not Operating Sawmills) industry, all products, total value	\$69,620,906	\$66,254,673
Logs and bolts, and all other hewn-, round-, and split-timber products	56,451,090	50,125,539
Miscellaneous products not classifiable		
Other products (not classified in this industry)	13,169,816	
Receipts for contract logging		7,129,134
Logs and bolts and all other hewn-, round-, and split-timber products, aggregate value	77,539,742	87,775,860
Logs and bolts and all other hewn-, round-, and split-timber products made in this industry	56,451,090	50,125,539
Logs and bolts and all other hewn-, round-, and split-timber products made as secondary products in other industries	21,088,652	28,650,321

¹ Combined to avoid disclosing, exactly or approximately, data for individual operators.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

[The quantities and values of logs and bolts and values of hewn-, round-, and split-timber products cover all such products cut or made within the year except those that were consumed in further manufacture in the same plants within the year]

PRODUCT	1939			1937
	Produced in the industry	Produced in other industries	Aggregate	
Aggregate value	\$56,451,090	\$21,088,652	\$77,539,742	\$87,775,860
Logs and bolts ² :—				
Quantity (M feet, log scale)	3,765,445	1,065,747	4,831,192	5,277,437
Value	\$49,672,964	\$15,253,752	\$64,926,716	\$74,530,663
All other hewn-, round-, and split-timber products	\$6,778,126	\$5,834,900	\$12,613,026	\$13,245,197

¹ Produced almost exclusively in the "Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills" industry.² For the total quantity and total value of logs and bolts produced during 1939, see table 5.

TABLE 5.—LOGS AND BOLTS AND OTHER TIMBER PRODUCTS—PRODUCTION, BY QUANTITY AND VALUE, BY REGIONS: 1939

[The figures given in this table refer to the production of logs and bolts, whether sold as such or consumed, and all other hewn-, round-, or split-timber products by establishments classified in the "Logging camps and logging contractors (not operating sawmills)" and "Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills" industries (see "Description of the industry" pp. 511 and 514). They do not, therefore, include data for the same classes of commodities produced on farms, nor for pulpwood produced by establishments classified in the pulp industry, nor do they include data for logs or other timber products cut for others on contract for which work \$14,614,692 was received]

REGION	Total value ¹	LOGS AND BOLTS		All other hewn-, round-, or split-timber products, value ²
		Quantity	Value ¹	
		(M feet, log scale)		
United States	\$265,441,130	18,763,464	\$252,828,104	\$12,613,026
New England States ³	6,338,311	281,451	4,419,291	1,919,020
Middle Atlantic States ⁴	5,962,655	251,088	4,679,875	1,282,780
Lake States ⁵	11,969,593	491,664	8,103,300	3,866,293
Central States ⁶	11,145,031	614,052	10,112,714	1,032,317
Prairie States ⁷	439,858	35,360	430,943	8,915
South Atlantic States ⁸	17,812,767	1,268,799	17,533,398	279,369
East Gulf States ⁹	25,622,255	1,693,489	24,708,211	914,044
Lower Mississippi States ¹⁰	36,541,047	2,887,264	35,296,076	1,244,971
North Pacific States ¹¹	113,133,483	8,599,954	112,794,478	339,005
South Pacific States ¹²	20,980,364	1,676,772	20,657,831	322,533
North Rocky Mountain States ¹³	11,581,069	682,338	10,817,130	763,939
South Rocky Mountain States ¹⁴	3,914,727	281,243	3,274,857	639,870

¹ The total value of logs and bolts calculated by applying the reported average values of logs and bolts produced for sale to the total quantity of logs and bolts produced and consumed within the year in the same plant in further manufacture.² Includes such items as masts, spars, poles, posts, piling, hewn crossties, mine timbers, wheel stock, handle stock, excelsior stock, pulpwood, cordwood, and tan bark.³ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.⁴ Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania.⁵ Michigan, Minnesota, Wisconsin.⁶ Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, West Virginia.⁷ Iowa, Kansas, Nebraska, North Dakota, South Dakota.⁸ North Carolina, South Carolina, Virginia.⁹ Alabama, Florida, Georgia.¹⁰ Arkansas, Louisiana, Mississippi, Oklahoma, Texas.¹¹ Oregon, Washington.¹² California, Nevada.¹³ Idaho, Montana.¹⁴ Arizona, Colorado, New Mexico, Utah, Wyoming.

LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS) 513

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	22,785	17,491	16,138	16,558	19,105	23,375	25,157	25,107	25,022	24,757	27,033	27,356	25,424
1937.....	19,390	11,561	13,119	20,570	20,945	23,791	25,188	25,012	24,498	22,668	19,562	14,240	11,520
Alabama.....	320	470	477	467	496	213	230	258	242	227	246	253	255
Arizona.....	96	34	35	40	87	112	113	120	111	119	132	127	122
Arkansas.....	339	273	251	272	295	309	301	357	397	406	408	404	396
California.....	282	107	109	118	314	369	359	372	344	312	396	359	225
Colorado.....	17	15	14	11	10	10	13	15	15	24	20	29	31
Florida.....	952	898	880	915	967	1,028	1,031	1,003	999	931	920	948	902
Georgia.....	316	299	304	316	311	311	315	313	304	316	321	334	344
Idaho.....	667	256	208	139	442	885	987	1,102	1,019	900	847	747	470
Kentucky.....	40	28	27	32	30	28	36	38	57	53	54	49	47
Louisiana.....	269	218	194	215	239	201	242	245	279	256	336	407	393
Maine.....	1,171	1,107	1,061	382	110	911	1,685	1,685	1,781	742	1,254	1,584	1,750
Michigan.....	898	943	972	809	452	578	638	738	845	836	1,064	1,402	1,497
Minnesota.....	777	1,145	887	749	356	754	805	794	538	661	928	906	802
Mississippi.....	283	246	268	275	274	276	287	293	290	305	304	298	283
Missouri.....	24	23	26	34	32	25	25	21	20	19	23	20	22
Montana.....	296	145	140	159	261	282	323	429	471	454	362	311	221
New Hampshire.....	170	68	69	11	35	43	148	195	213	218	350	335	357
New York.....	379	462	460	126	86	483	568	545	472	487	371	184	301
North Carolina.....	279	309	276	261	286	268	260	277	208	310	290	277	268
Oregon.....	5,763	4,048	3,878	4,802	5,429	6,412	6,528	6,523	7,111	6,137	6,295	6,260	5,738
Pennsylvania.....	100	68	70	65	61	123	131	120	108	106	111	112	121
South Carolina.....	457	446	398	326	369	423	443	433	479	495	533	572	570
Texas.....	525	431	440	452	478	473	560	527	576	643	598	566	556
Vermont.....	46	35	36	32	30	57	92	79	64	49	41	23	19
Virginia.....	267	200	247	239	254	253	267	265	288	296	280	280	276
Washington.....	7,152	4,354	3,695	4,735	6,791	7,796	7,953	7,361	7,629	8,484	9,396	9,346	8,283
West Virginia.....	62	35	46	43	21	23	36	67	81	98	110	95	84
Wisconsin.....	724	667	571	427	419	528	591	748	751	841	992	1,088	1,063

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	967
Reporting expenditures for plant and equipment.....	246
Value of products:	
Total for the industry.....	\$69,620,906
Reporting expenditures for plant and equipment.....	29,456,207
Expenditures for plant and equipment:	
Total for the industry.....	2,539,921
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	956,467
Expenditures for new machinery and operating equipment.....	1,147,110
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	383,446
Expenditures unclassified.....	52,898

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

	1939	1937
Inventories:		
Beginning of year, total.....	\$5,675,842	\$4,332,851
Finished products.....	3,843,515	3,082,002
Materials, supplies, etc.....	1,832,327	1,250,849
End of year, total.....	5,364,249	5,559,828
Finished products.....	3,817,815	4,087,504
Materials, supplies, etc.....	1,546,434	1,472,324
Value of products for the industry, total.....	69,620,906	66,254,673
Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand).....	61,755,440	60,445,222
Value for establishments not reporting inventories.....	7,865,466	5,809,451

SAWMILLS, VENEER MILLS, AND COOPERAGE-STOCK MILLS, INCLUDING THOSE COMBINED WITH LOGGING CAMPS AND WITH PLANING MILLS

[A preliminary report for this industry was issued November 20, 1940]

Description of the industry.—This industry, as constituted for census purposes, includes establishments primarily engaged in producing rough lumber, shingles, lath, veneer, and cooperage stock. Establishments operating combination logging camps, sawmills, and planing mills, including those engaged in the auxiliary manufacture of baskets, boxes, plywood, cooperage, etc., are classified in this industry. Establishments engaged primarily in the manufacture of baskets, boxes, plywood, and cooperage are classified in their respective industries—"Baskets for fruits and vegetables"; "Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets"; "Plywood mills"; and "Cooperage"—even though some of them start with logs and bolts. Data for the logs or bolts consumed in the manufacture of veneers by such establishments and for the veneers produced, either for their own consumption or for sale, so far as reported, are included in the figures for consumption of logs and production of veneers in tables 18 to 21, inclusive. Cooperage stock (staves, heading, and hoops) produced for further consumption or for sale by establishments engaged primarily in the manufacture of cooperage is included in the figures for the production of tight and slack cooperage stock as given in tables 22 to 33, inclusive.

Veneers are cut into so many thicknesses—ranging from less than $\frac{1}{20}$ of an inch to more than $\frac{1}{8}$ of an inch—that it is difficult to obtain accurate data on the number of square feet made. Many manufacturers failed to supply the information because of lack of records and in such cases the consumption of logs only is shown. See table 21, page 534. The products of cooperage stock mills are tight and slack staves, heading, and wooden hoops used by coopers in the manufacture of hogsheads, barrels, kegs, and kits. Containers for liquids are made from tight cooperage stock and containers for solids, from slack cooperage stock. See tables 22 to 33, inclusive.

Establishments reporting products valued at less than \$5,000.—As explained in GENERAL EXPLANATIONS—"Establishments covered—minimum size limit," the censuses of manufactures are, in general, restricted to establishments reporting products valued at \$5,000 or more. For the "Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging

camps and with planing mills" industry this limitation applies with reference to general statistics presented for 1933 and later years. For earlier censuses, a mill that sawed 200,000 feet b. m. of lumber, 1,000,000 lath, or 2,500 squares of shingles was treated as an establishment with products valued at \$5,000. Tables 6 to 17, inclusive, however, cover all mills that sawed 50,000 feet or more of lumber or its equivalent in shingles or lath or whose production by combination of these items amounted to the equivalent of 50,000 feet.

Number of establishments and number of mills.—The number of establishments given in table 1 differs from the number of mills given in table 17, these differences being due to the following causes: (1) the actual number of sawmills only is given in table 17, subtractions being made to eliminate the establishments engaged exclusively in the production of slack and tight cooperage stock and veneer; (2) the minimum production limit for mills is 50,000 feet of lumber or its equivalent, whereas the value of products minimum for establishments (for the purposes of collecting data for wage earners, wages, etc.) is \$5,000. See "Establishments reporting products valued at less than \$5,000," above.

Average values of lumber by kinds of wood.—The average values shown by tables 8, 9, and 10 were based on the returns of a majority of establishments reporting for each year and, therefore, reflect fairly accurately the average values of the several kinds of lumber at the mill for the United States as a whole. These values vary somewhat in different States because of differences in the quality of timber, the qualities and kinds of lumber produced, and the prevailing market conditions.

Statistics for prior census years.—At the census for 1939, "Logging camps and logging contractors not operating sawmills," and "Plywood mills," were established as two separate industries. Returns for manufacturers primarily engaged in the production of logs, bolts, and rough timber products and for manufacturers primarily engaged in the manufacture of plywood were deducted from the statistics for the former "Lumber and timber products not elsewhere classified" industry for 1937 and credited to their respective industries for that year for comparison with the 1939 statistics. No revisions were made, however, in the statistics for

SAWMILLS, VENEER MILLS, COOPERAGE-STOCK MILLS, ETC.

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earlier years and therefore comparable figures are not available for years prior to 1937.

Production of lumber from timber salvaged from hurricane of September 21, 1938, in the 6 Northeastern States.—Data were supplied by the Northeastern Timber Salvage Administration showing lumber produced by sawmills operating on contract during 1939. These data, however, were received too late to be included in the general production statistics. The total output of these contract mills is shown in a tabular statement on page 533 following table 17, and are not included in any of the detailed production tables.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³	Horse-power of prime movers
1939.....	7,391	265,185	\$214,920,436	\$280,019,254	\$692,944,624	\$412,925,370	1,483,482
1937 ⁴	7,002	296,832	245,319,671	304,657,936	755,464,371	450,806,435	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Data not available for years prior to 1937; also see "Statistics for prior census years," p. 514, for explanation of the revision of figures for 1937.

⁵ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	Florida	Georgia	Idaho	Illinois
Number of establishments ¹	7,391	612	16	327	142	76	19	21	196	513	83	45
Proprietors and firm members.....	6,938	539	22	339	153	69	25	24	171	504	89	39
Persons reported by manufacturing establishments, total ²	287,272	18,627	1,280	17,454	18,046	944	100	191	13,935	10,251	5,736	894
Salaried officers of corporations ²	2,147	98	5	71	66	12	-----	2	90	87	27	11
Manufacturing:												
Salaried employees ²	12,824	780	71	775	1,031	45	2	5	602	423	260	46
Wage earners (average for the year) ²	265,185	17,431	1,128	16,347	16,355	839	96	182	12,992	9,607	5,328	823
Distribution.....	3,998	229	19	184	186	27	2	2	159	109	29	10
Construction.....	2,388	58	25	72	324	21	-----	-----	35	18	82	-----
Other.....	730	22	32	5	84	-----	-----	-----	57	7	10	4
Salaries and wages, total ²	\$254,598,365	\$10,341,069	\$1,425,252	\$11,328,833	\$25,666,116	\$845,134	\$79,322	\$94,705	\$8,590,459	\$4,878,396	\$7,329,909	\$559,720
Salaried officers ²	8,928,293	433,941	39,800	303,255	463,953	35,719	-----	7,092	478,170	284,873	99,665	35,130
Manufacturing:												
Salaries ²	21,343,580	1,016,460	157,944	1,059,897	2,143,281	78,027	2,000	3,046	930,818	483,034	477,441	55,072
Wages.....	214,920,436	8,567,003	1,082,674	9,659,851	22,050,915	688,170	75,922	82,660	6,793,018	3,986,044	6,589,597	444,929
Distribution.....	5,518,531	266,839	32,341	222,812	414,796	30,242	1,400	707	261,808	104,749	50,373	23,233
Construction.....	2,889,167	47,861	65,639	76,065	411,032	12,976	-----	-----	73,599	12,784	104,050	-----
Other.....	998,058	18,965	46,854	6,953	182,139	-----	-----	-----	53,046	6,912	8,783	1,356
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	280,019,254	14,201,261	1,218,153	14,018,469	15,185,313	625,830	68,926	78,063	8,755,617	8,183,198	8,802,357	542,057
Materials and supplies.....	252,977,343	13,319,127	968,374	12,740,055	13,599,138	520,925	55,821	77,073	8,206,962	7,098,185	7,536,050	467,987
Fuel.....	4,325,283	243,946	47,794	114,179	227,974	34,537	8,150	900	118,505	168,608	23,075	24,414
Purchased electric energy.....	3,338,707	57,306	40,342	101,781	213,184	1,464	615	90	25,022	33,326	76,745	6,637
Contract work.....	19,377,921	580,882	161,643	1,062,454	1,145,017	62,913	4,340	-----	404,228	283,079	1,165,887	43,019
Value of products.....	692,944,624	32,512,574	3,993,033	35,222,273	52,471,914	1,864,877	212,268	217,907	24,005,674	18,174,927	21,062,408	1,535,559
Value added by manufacture ³	412,925,370	18,311,313	2,774,880	21,203,804	37,286,601	1,239,038	143,342	139,844	15,250,057	9,991,729	12,260,111	993,502

ITEM	Indiana	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri	Montana
Number of establishments ¹	142	140	214	165	49	58	117	77	396	91	53
Proprietors and firm members.....	130	130	144	143	41	62	105	72	364	68	63
Persons reported by manufacturing establishments, total ²	2,237	3,382	18,299	3,285	792	749	4,879	1,315	10,515	2,145	2,152
Salaried officers of corporations ²	63	37	127	43	13	12	30	14	106	27	12
Manufacturing:											
Salaried employees ²	141	220	807	131	41	35	203	52	632	102	119
Wage earners (average for the year) ²	1,963	3,055	16,047	3,059	714	687	4,460	1,204	15,502	1,969	1,950
Distribution.....	60	6	247	45	21	11	139	42	215	45	34
Construction.....	5	1	96	7	3	-----	9	3	51	2	26
Other.....	5	3	75	-----	-----	4	38	-----	9	-----	5
Salaries and wages, total ²	\$2,033,944	\$2,490,457	\$12,187,684	\$2,329,130	\$499,934	\$766,765	\$4,809,733	\$971,222	\$10,022,193	\$1,271,243	\$2,802,927
Salaried officers ²	319,280	195,470	528,650	108,345	42,000	54,840	132,736	39,381	387,227	77,862	67,285
Manufacturing:											
Salaries ²	190,300	311,340	1,366,875	143,450	51,414	47,817	352,599	70,773	924,338	120,214	255,645
Wages.....	1,418,163	1,855,517	9,806,532	2,022,886	363,201	645,743	4,069,286	836,768	8,441,147	1,014,200	2,354,641
Distribution.....	95,364	116,129	362,807	38,549	40,698	13,525	199,308	23,002	211,013	58,767	69,185
Construction.....	4,180	2,869	63,149	15,909	2,671	-----	13,969	1,298	34,538	200	48,445
Other.....	6,677	9,132	59,671	-----	-----	4,840	41,835	-----	23,930	-----	7,776
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	2,733,829	3,517,461	12,822,775	2,403,391	948,197	1,193,837	5,261,191	1,544,027	13,403,425	2,045,124	2,818,559
Materials and supplies.....	2,524,418	3,001,320	12,065,972	2,157,317	887,922	1,065,517	4,734,127	1,323,702	12,418,934	1,977,752	2,677,320
Fuel.....	67,812	89,225	153,400	29,351	8,943	21,634	89,252	23,133	212,532	33,201	26,599
Purchased electric energy.....	72,756	67,475	39,455	57,016	11,269	32,074	43,531	168,180	76,664	13,678	19,874
Contract work.....	68,843	359,441	563,948	165,707	40,063	63,612	393,981	28,962	605,235	20,493	94,766
Value of products.....	6,195,739	7,515,320	33,319,261	6,055,091	1,706,451	2,588,939	12,665,402	2,974,188	30,380,362	4,305,402	6,429,983
Value added by manufacture ³	3,461,910	3,997,859	20,496,486	3,651,700	848,254	1,405,102	7,404,211	1,430,161	16,976,937	2,260,278	3,611,424

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	New Hampshire	New Jersey	New Mexico	New York	North Carolina	Ohio	Oklahoma	Oregon	Pennsylvania	Rhode Island	South Carolina
Number of establishments ¹	112	28	41	110	586	135	39	429	224	4	276
Proprietors and firm members.....	91	30	47	122	537	140	23	443	250	2	225
Persons reported by manufacturing establishments, total ²	1,489	388	1,279	1,824	12,920	940	2,031	31,569	1,988	37	10,402
Salaried officers of corporations ²	16	9	10	37	158	22	4	226	25	-----	85
Manufacturing:											
Salaried employees ²	50	22	71	107	565	55	117	1,338	94	-----	419
Wage earners (average for the year) ³	1,409	344	1,166	1,635	12,031	839	1,891	28,985	1,777	37	9,680
Distribution.....	10	12	29	38	145	20	17	336	78	-----	186
Construction.....	3	1	3	4	16	1	1	563	14	-----	26
Other.....	1	-----	-----	3	5	3	1	121	-----	-----	6
Salaries and wages, total ²	\$1,305,450	\$450,119	\$1,077,745	\$1,576,216	\$7,279,153	\$791,507	\$1,435,907	\$42,424,880	\$1,606,753	\$23,956	\$6,070,982
Salaried officers ²	39,689	16,047	65,049	118,675	503,777	73,808	9,450	1,159,112	62,347	-----	307,534
Manufacturing:											
Salaries ²	74,492	37,930	97,742	143,766	753,508	76,795	161,717	2,831,862	108,369	-----	603,667
Wages.....	1,169,563	382,384	875,364	1,264,781	5,893,951	608,680	1,245,911	36,919,888	1,327,318	23,956	4,946,082
Distribution.....	17,506	12,758	35,390	34,819	109,086	28,547	17,229	605,876	96,821	-----	183,906
Construction.....	3,316	1,000	4,200	12,940	11,736	1,237	1,008	748,611	11,898	-----	25,988
Other.....	884	-----	-----	1,235	7,095	2,440	592	159,531	-----	-----	3,805
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	1,795,568	1,136,425	1,242,125	1,894,874	9,985,119	1,362,808	1,375,782	44,806,730	1,820,001	24,620	6,537,246
Materials and supplies.....	1,574,939	1,069,513	784,106	1,738,803	9,380,273	1,221,856	1,162,955	37,438,607	1,482,813	21,675	6,041,689
Fuel.....	41,721	16,228	43,969	53,326	215,258	35,920	7,900	551,689	59,588	2,945	123,899
Purchased electric energy.....	33,441	23,925	27,568	64,453	90,355	37,938	3,635	846,906	19,022	-----	44,337
Contract work.....	145,467	26,769	386,482	38,292	299,233	67,094	201,292	5,969,528	258,578	-----	327,321
Value of products.....	3,972,995	2,314,578	2,757,424	4,506,942	22,629,311	3,274,288	3,863,884	108,663,140	4,788,147	78,700	16,507,191
Value added by manufacture ⁴	2,177,427	1,178,163	1,515,299	2,612,068	12,644,192	1,911,480	2,488,102	63,856,410	2,968,146	54,080	10,029,945

ITEM	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming	Other States ¹
Number of establishments ¹	17	238	236	13	101	459	419	108	142	50	12
Proprietors and firm members.....	13	230	253	11	99	453	372	127	144	21	9
Persons reported by manufacturing establishments, total ²	425	5,857	15,546	94	1,780	10,389	33,142	5,451	5,623	726	163
Salaried officers of corporations ²	2	77	81	4	24	68	229	41	60	8	8
Manufacturing:											
Salaried employees ²	21	323	698	8	79	363	1,377	267	278	26	14
Wage earners (average for the year) ³	396	5,178	14,498	68	1,668	9,889	30,117	5,026	5,080	691	135
Distribution.....	6	259	170	14	7	56	464	63	200	1	6
Construction.....	-----	20	73	-----	2	12	754	54	3	-----	-----
Other.....	-----	-----	26	-----	-----	1	201	-----	2	-----	-----
Salaries and wages, total ²	\$420,420	\$3,934,902	\$10,511,532	\$77,965	\$1,459,463	\$6,142,078	\$46,072,671	\$4,524,099	\$4,973,602	\$835,740	\$278,419
Salaried officers ²	11,592	322,325	248,687	4,800	66,663	281,132	1,044,346	165,821	230,440	30,553	31,222
Manufacturing:											
Salaries ²	39,586	451,531	1,046,252	3,623	102,256	501,932	3,128,736	443,827	421,848	46,742	25,014
Wages.....	359,335	2,887,013	8,778,202	62,528	1,278,765	5,276,821	39,891,253	3,787,386	4,048,320	757,737	210,331
Distribution.....	8,376	263,522	234,291	7,014	9,937	77,607	791,850	79,982	270,236	623	5,862
Construction.....	1,531	10,511	67,724	-----	1,842	4,281	940,054	47,733	2,258	85	-----
Other.....	-----	-----	36,376	-----	-----	305	306,426	-----	500	-----	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	342,052	5,924,054	11,239,401	42,588	1,689,314	8,085,648	51,528,783	3,453,277	4,823,608	301,039	247,123
Materials and supplies.....	255,985	5,345,616	10,490,986	29,846	1,587,069	7,647,302	47,951,012	3,058,993	4,225,467	205,114	232,726
Fuel.....	9,391	81,532	123,604	3,365	15,995	154,831	778,013	114,393	106,329	17,175	6,338
Purchased electric energy.....	1,030	31,837	21,884	600	61,821	84,105	687,762	29,497	59,948	900	7,559
Contract work.....	75,646	465,069	603,427	8,777	24,429	199,410	2,111,996	250,394	431,864	77,850	500
Value of products.....	1,124,569	12,629,704	27,924,987	169,732	4,363,211	18,559,755	123,604,988	10,542,348	13,074,546	1,434,371	600,201
Value added by manufacture ⁴	782,517	6,705,650	16,685,586	127,144	2,673,897	10,474,107	72,076,205	7,089,071	8,250,938	1,133,332	353,078

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Iowa, 9 establishments; Kansas, 2; Nevada, 1.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

	1939	1937
Sawmills, Veneer Mills, and Cooperage-Stock Mills, Including Those Combined With Logging Camps and With Planing Mills Industry, all products, total value.....	\$692, 044, 624	\$755, 464, 371
Sawmill, veneer mill, and cooperage-stock mill products.....	276, 138, 725	340, 905, 734
Miscellaneous products not specified.....	14, 762, 807	407, 774, 119
Other products not classified in the industry.....	1405, 759, 656	6, 784, 518
Receipts for contract and custom logging, sawing, and planing.....	6, 283, 436	
Sawmill, veneer mill, and cooperage-stock mill products, aggregate value.....	277, 527, 561	343, 386, 735
Sawmill, veneer mill, and cooperage-stock mill products made in this industry.....	276, 138, 725	340, 905, 734
Sawmill, veneer mill, and cooperage-stock mill products made as secondary products in other industries.....	1, 388, 836	2, 481, 001

¹ Principally the value of merchandise bought and sold in the same condition.

² Principally value of dressed lumber, wooden boxes, logs and bolts, plywood, and moldings, trim, and general millwork.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

[The quantity and value shown in this table for rough lumber and the values for veneers and cooperage stock cover all such products made during the year except those which were consumed within the year in further manufacture in the same plants in which produced. The values of such products used in further manufacture are, of course, included in the value of the finished product. This table does not include data for 112,896 squares of shingles produced by establishments in certain Western States reporting a total value of product of less than \$5,000. For the total value of all rough lumber and shingles produced during the year, see table 5]

PRODUCT	1939			1937
	Produced in the industry	Produced in other industries ¹	Aggregate	
Total value.....	\$276, 138, 725	\$1, 388, 836	\$277, 527, 561	\$343, 386, 735
Rough lumber ² (see headnote):				
Quantity (M feet, b. m.).....	10, 325, 205		10, 325, 205	12, 284, 499
Value.....	\$215, 088, 606		\$215, 088, 606	\$274, 896, 035
Shingles ³ :				
Quantity (squares).....	6, 387, 346		6, 387, 346	5, 470, 414
Value.....	\$16, 381, 404		\$16, 381, 404	\$14, 059, 165
Lath:				
Quantity (M pieces).....	562, 207		562, 207	833, 216
Value.....	\$1, 015, 499		\$1, 015, 499	\$2, 858, 138
Veneers (see headnote).....	\$21, 066, 205	995, 084	\$22, 061, 289	\$24, 407, 588
Slack-cooperage stock (see headnote).....	6, 967, 693	41, 052	7, 008, 745	7, 898, 437
Tight-cooperage stock (see headnote).....	8, 325, 632	322, 314	8, 647, 946	11, 854, 429
Other sawmill products.....	6, 393, 686	30, 386	6, 424, 072	7, 912, 429

¹ Principally from the "Furniture and finished lumber products" group.

² This represents only the rough lumber produced during the year, which was sold as such or on hand at the end of the year, by establishments whose value of products amounted to \$5,000 or more. For the total quantity of rough lumber produced during 1939 and its total value, see table 5, and for the total quantity produced in 1937 see table 7. No total value was calculated for that year.

³ For the total quantity of shingles produced during the year, see tables 5 and 17, and for their total value, see table 5. The difference in quantity and value is due to the exclusion from this table and inclusion in table 5 of some shingles made in plants whose total value of products made during the year was less than \$5,000.

TABLE 5.—SAWMILL PRODUCTS, BY QUANTITY AND VALUE, BY REGIONS AND STATES: 1939

REGION AND STATE	Total value	LUMBER		LATH		SHINGLES		OTHER MILL PRODUCTS ¹
		Quantity (M ft., b. m.)	Value ²	Thousands	Value	Squares	Value ²	
United States.....	\$611, 351, 506	24, 075, 474	\$548, 653, 335	562, 207	\$1, 015, 499	6, 500, 242	\$16, 640, 620	\$44, 142, 052
New England States, total.....	15, 408, 360	596, 057	14, 122, 634	8, 373	20, 059	48, 179	120, 518	1, 120, 279
Connecticut.....	324, 267	17, 248	322, 585					1, 682
Maine.....	5, 507, 406	213, 116	5, 059, 206	8, 277	20, 517	48, 029	120, 043	292, 640
Massachusetts.....	1, 088, 460	67, 402	1, 907, 315	5	38			81, 107
New Hampshire.....	4, 109, 764	186, 926	4, 063, 598	81	324	50	200	45, 642
Rhode Island.....	132, 459	5, 382	132, 459					
Vermont.....	3, 346, 034	105, 983	2, 637, 471	10	80	100	275	708, 208
Middle Atlantic States, total.....	11, 280, 927	370, 160	10, 049, 490	1, 202	4, 808	1, 800	11, 949	1, 214, 680
Delaware.....	218, 854	11, 124	216, 872					1, 982
Maryland.....	1, 122, 303	51, 438	962, 099	30	210			159, 394
New Jersey.....	1, 306, 511	14, 087	853, 313	124	670	1, 790	11, 649	440, 870
New York.....	3, 875, 335	107, 856	3, 483, 355	285	785			391, 193
Pennsylvania.....	4, 757, 924	185, 084	4, 533, 251	763	3, 143	100	300	221, 230
Lake States, total.....	23, 052, 389	781, 249	20, 964, 948	20, 808	93, 851	25, 173	67, 700	1, 925, 890
Michigan.....	9, 663, 606	333, 234	9, 037, 744	4, 595	18, 148	2, 436	6, 275	601, 439
Minnesota.....	2, 267, 274	111, 218	2, 199, 662	8, 849	42, 988	300	750	23, 874
Wisconsin.....	11, 121, 509	336, 797	9, 727, 542	7, 364	32, 715	22, 437	60, 675	1, 300, 577
Central States, total.....	45, 745, 057	1, 231, 422	34, 564, 990	9, 374	39, 277			11, 140, 790
Illinois.....	1, 225, 441	27, 211	714, 856					510, 585
Indiana.....	6, 488, 172	111, 280	3, 652, 806					2, 835, 366
Kentucky.....	3, 494, 653	207, 370	5, 524, 223	2, 312	9, 567			2, 960, 893
Missouri.....	3, 767, 239	74, 086	1, 859, 273					1, 907, 966
Ohio.....	3, 607, 660	110, 545	3, 180, 755					426, 905
Tennessee.....	11, 195, 906	376, 446	9, 195, 256	368	1, 600			1, 999, 050
West Virginia.....	10, 955, 986	324, 484	10, 437, 821	6, 664	28, 110			500, 055
Prairie States, total.....	1, 308, 070	50, 735	1, 143, 144	30	180	1, 550	3, 629	161, 117
Iowa.....	143, 400	5, 164	141, 945					1, 455
Kansas and Nebraska ³	410, 264	3, 638	256, 050					154, 214
South Dakota.....	754, 406	41, 933	745, 149	80	180	1, 550	3, 629	5, 448

See footnotes at end of table.

TABLE 5.—SAWMILL PRODUCTS, BY QUANTITY AND VALUE, BY REGIONS AND STATES: 1939—Continued

REGION AND STATE	Total value	LUMBER		LATH		SHINGLES		OTHER MILL PRODUCTS ¹
		Quantity (M ft., b. m.)	Value ²	Thousands	Value	Squares	Value ²	Value
South Atlantic States, total.....	\$55,241,036	2,367,154	\$48,195,429	12,972	\$48,248	43,149	\$119,842	\$6,877,517
North Carolina.....	23,380,867	1,042,122	20,280,591	1,422	6,694	25,778	66,549	3,027,033
South Carolina.....	15,727,452	646,212	14,163,567	4,029	15,632	17,308	53,041	1,495,212
Virginia.....	16,132,717	678,820	13,751,271	7,521	25,922	63	252	2,355,272
East Gulf States, total.....	65,889,711	2,922,240	60,862,207	48,064	185,726	19,840	80,175	4,761,603
Alabama.....	27,888,295	1,412,222	25,489,528	10,921	42,904	2,425	6,345	2,349,518
Florida.....	20,412,041	802,849	19,154,518	36,052	138,783	14,092	62,430	1,050,310
Georgia.....	17,589,375	907,169	16,218,161	1,091	4,039	3,323	11,400	1,355,775
Lower Mississippi States, total.....	113,595,331	4,626,890	104,180,921	73,088	261,557	24,353	58,146	9,094,707
Arkansas.....	25,610,890	1,109,886	22,781,288	9,641	25,721	17,246	37,341	2,766,540
Louisiana.....	29,729,239	1,036,351	27,124,674	22,552	85,178	5,907	19,005	2,500,382
Mississippi.....	28,919,612	1,200,700	25,588,396	13,433	51,625	-----	-----	3,279,591
Oklahoma.....	3,593,510	142,995	3,586,209	1,880	5,995	-----	-----	1,308
Texas.....	25,742,080	1,136,958	25,100,354	25,582	93,038	1,200	1,800	546,888
North Pacific States, total.....	202,413,798	9,008,803	179,518,255	304,008	955,591	6,170,419	15,747,616	6,192,336
Oregon.....	97,649,132	4,764,802	92,345,574	139,908	450,682	764,873	1,955,332	2,897,544
Washington.....	104,764,666	4,244,001	87,172,681	164,100	504,909	5,405,546	13,792,284	3,294,792
South Pacific States, total.....	45,177,801	1,684,694	44,055,692	19,007	83,373	118,881	299,093	739,643
California and Nevada ³	45,177,801	1,684,694	44,055,692	19,067	83,373	118,881	299,093	739,643
North Rocky Mountain States, total.....	24,108,504	946,261	23,077,972	49,905	162,195	46,740	122,769	745,568
Idaho.....	17,908,479	675,165	17,214,338	37,375	127,248	36,893	96,769	470,124
Montana.....	6,200,025	271,096	5,863,634	12,530	34,947	9,856	26,000	275,444
South Rocky Mountain States, total.....	8,130,492	389,800	7,917,653	15,316	53,734	59	183	158,922
Arizona.....	2,487,262	119,206	2,456,957	3,525	17,214	-----	-----	13,091
Colorado.....	1,741,404	83,914	1,672,087	1,542	7,161	-----	-----	62,236
New Mexico.....	2,416,829	106,227	2,315,702	5,216	19,502	-----	-----	81,625
Utah.....	309,984	15,113	309,769	22	164	9	21	30
Wyoming.....	1,174,953	65,340	1,163,158	5,011	9,693	50	162	1,940

¹ Veneer, cooperage stock, and other sawmill products made for sale as such. Does not include amounts produced and consumed in the same plants in the further manufacture of baskets, boxes, cooperage, plywood, etc.

² The total values of lumber shown were obtained by multiplying the production by the average value reported by kinds of wood for the several States, and for shingles the average value reported by establishments reporting products of \$5,000 or more was applied to the total quantity of shingles produced in the United States.

³ Combined to avoid disclosing output of individual establishments.

TABLE 6.—LUMBER—PRODUCTION AND PERCENT DISTRIBUTION OF CUT, BY GROUPS OF STATES,¹ FOR SPECIFIED YEARS: 1869 TO 1939

[Does not include, for 1939, data for sawmills shown in footnote 1, table 17]

YEAR	Total quantity (M feet, b. m.) ²	NORTHEASTERN STATES ³		CENTRAL STATES ⁴		SOUTHERN STATES ⁵		NORTH CAROLINA PINE STATES ⁶	
		Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total
1939.....	24,975,474	966,226	3.9	1,231,422	4.9	7,549,130	30.2	2,367,154	9.6
1938.....	21,646,271	806,412	3.7	862,948	4.0	6,888,743	31.8	2,469,969	11.4
1937.....	25,996,857	929,567	3.6	1,291,906	5.0	7,949,341	30.6	2,343,343	9.0
1936.....	24,354,884	879,966	3.6	1,258,109	5.2	7,527,116	30.9	2,001,034	8.2
1935.....	19,538,731	749,992	3.8	1,005,027	5.1	6,169,739	31.6	1,658,833	8.5
1934.....	15,493,639	698,534	4.5	908,914	5.9	4,591,680	29.6	1,318,687	8.5
1933.....	13,961,134	417,404	3.0	529,570	3.8	4,509,982	32.3	1,255,509	9.0
1932.....	10,151,232	387,824	3.8	417,223	4.1	2,972,941	29.3	963,550	9.5
1931.....	16,522,643	602,579	3.6	820,689	5.0	4,721,223	28.6	1,202,539	7.6
1930.....	26,051,473	994,482	3.8	1,367,457	5.2	8,140,361	31.2	2,017,739	7.7
1929.....	36,886,032	1,231,697	3.3	2,347,232	6.4	12,483,669	33.8	2,978,816	8.1
1928.....	34,142,123	1,210,250	3.5	1,663,101	4.9	11,587,580	33.9	2,390,499	7.0
1927.....	34,532,420	1,231,308	3.6	1,828,956	5.3	12,068,043	34.9	2,407,854	7.0
1926.....	36,935,930	1,409,089	3.8	1,986,706	5.4	13,002,788	35.2	2,595,453	7.0
1925.....	38,338,641	1,606,756	3.9	1,968,531	5.1	14,418,275	37.6	2,730,204	7.1
1924.....	35,930,986	1,618,693	4.5	2,036,512	5.7	13,592,594	37.8	2,646,483	7.4
1923.....	37,165,505	1,631,111	4.4	2,045,042	5.5	13,524,375	36.4	2,937,093	7.9
1922.....	31,568,888	1,423,377	4.5	1,762,298	5.6	11,974,771	37.9	2,408,540	7.6
1921.....	26,960,864	1,797,074	6.7	1,647,425	6.1	11,321,766	42.0	2,208,327	8.2
1920.....	33,798,800	2,198,000	6.5	2,735,300	8.1	11,490,300	34.0	2,871,600	8.6
1919.....	34,552,076	2,583,873	7.5	3,015,887	8.7	12,704,483	36.8	3,374,152	9.8
1918.....	31,890,494	2,373,600	7.4	2,490,000	7.8	11,135,000	34.9	2,640,000	8.3
1917.....	35,831,239	2,488,146	6.9	2,665,000	7.4	13,900,000	38.8	3,265,000	9.1
1916.....	39,807,251	3,115,237	7.8	3,315,000	8.3	15,325,000	38.5	4,202,000	10.8
1915.....	37,011,656	3,775,000	10.2	3,670,000	9.9	13,590,000	36.7	4,390,000	11.9
1914.....	37,346,023	3,553,092	9.5	3,621,339	9.7	13,383,523	35.8	4,417,404	11.8
1913.....	38,387,009	3,097,061	8.1	3,930,647	10.2	14,328,810	37.3	3,983,395	10.4
1912.....	39,158,414	3,712,557	9.5	4,338,449	11.1	13,537,894	34.6	4,580,235	11.7
1911.....	37,003,207	3,634,743	9.8	4,237,791	11.5	12,221,970	33.0	3,743,386	10.1
1910.....	40,018,282	3,954,067	9.9	4,674,967	11.7	13,248,679	33.1	4,183,745	10.5
1909.....	44,609,761	5,197,012	11.7	5,487,165	12.3	14,795,731	33.2	5,177,091	11.6
1899.....	35,077,695	5,709,224	16.3	5,643,379	16.1	8,403,802	24.0	2,712,186	7.7
1889.....	23,842,230	4,725,568	19.8	3,129,988	13.1	3,717,728	15.6	1,128,968	4.7
1879.....	18,091,356	4,642,656	25.7	3,349,232	18.5	1,754,956	9.7	743,533	4.1
1869.....	12,755,543	4,557,428	35.7	2,284,423	17.9	923,489	7.2	364,261	2.9

See footnotes at end of table.

TABLE 6.—LUMBER—PRODUCTION AND PERCENT DISTRIBUTION OF CUT, BY GROUPS OF STATES¹, FOR SPECIFIED YEARS: 1869 TO 1939—Continued

YEAR	LAKE STATES ⁷		NORTH PACIFIC STATES ⁸		SOUTH PACIFIC STATES ⁹		NORTH ROCKY MOUNTAIN STATES ¹⁰		SOUTH ROCKY MOUNTAIN STATES ¹¹		OTHER STATES ¹²	
	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total	Quantity (M feet, b. m.)	Percent of total
1839	781,249	3.1	9,008,803	36.1	1,684,694	6.7	946,261	3.8	389,800	1.6	50,735	0.2
1838	774,584	3.6	7,139,463	33.0	1,461,961	6.8	792,150	3.7	409,579	1.9	37,462	.2
1837	1,005,369	3.9	9,064,421	34.9	1,775,734	6.8	1,132,537	4.4	444,711	1.7	59,928	.2
1836	937,540	3.8	8,649,821	35.5	1,647,537	6.8	1,019,037	4.2	388,515	1.6	40,209	.2
1835	807,778	4.1	6,597,764	33.8	1,355,713	6.9	842,845	4.3	305,742	1.6	45,298	.2
1834	595,911	3.8	5,443,912	35.1	1,014,747	6.5	628,930	4.1	253,250	1.6	39,074	.3
1833	394,155	2.8	5,362,123	38.4	784,626	5.6	441,597	3.2	232,334	1.7	33,825	.2
1832	289,519	2.9	3,864,581	38.1	680,520	6.7	359,426	3.5	194,845	1.9	20,803	.2
1831	711,672	4.3	6,536,032	39.6	957,740	5.8	658,112	4.0	214,708	1.3	37,349	.2
1930	1,326,064	5.1	9,156,204	35.1	1,514,263	5.8	1,137,390	4.4	324,691	1.2	72,813	.3
1929	1,771,011	4.8	12,086,072	32.8	2,063,229	5.6	1,417,502	3.8	425,346	1.2	81,458	.2
1928	1,803,252	5.3	11,677,201	34.2	1,952,659	5.7	1,365,347	4.0	424,359	1.2	67,875	.2
1927	1,794,652	5.2	11,318,714	32.8	2,070,811	6.0	1,320,253	3.8	427,938	1.2	63,891	.2
1926	2,046,958	5.5	12,000,974	32.5	2,187,959	5.9	1,320,169	3.6	343,491	.9	63,283	.2
1925	2,444,925	6.4	11,243,708	29.3	2,042,991	5.3	1,529,429	4.0	390,974	1.0	62,848	.2
1924	2,338,104	6.5	9,932,890	27.6	1,996,496	5.6	1,368,295	3.8	331,756	.9	69,163	.2
1923	2,392,301	6.4	10,643,739	28.6	2,118,094	5.7	1,499,847	4.0	311,203	.8	62,700	.2
1922	1,944,236	6.2	8,860,045	28.1	1,720,556	5.5	1,161,039	3.7	268,843	.9	45,183	.1
1921	1,784,009	6.6	5,854,019	21.7	1,350,438	5.0	756,609	2.8	195,453	.7	45,744	.2
1920	2,386,000	7.1	8,842,000	26.2	1,513,000	4.5	1,380,000	4.1	313,700	.9	63,900	.2
1919	2,691,868	7.8	7,538,623	21.8	1,259,863	3.6	1,052,786	3.0	245,913	.7	85,143	.2
1918	3,220,000	10.1	7,313,373	22.9	1,277,084	4.0	1,142,629	3.6	240,774	.8	52,134	.2
1917	3,525,000	9.8	7,153,500	20.0	1,417,068	4.0	1,110,000	3.1	260,789	.7	46,736	.1
1916	4,050,000	10.2	6,716,000	16.9	1,420,000	3.6	1,233,500	3.1	290,330	.7	50,184	.1
1915	3,410,000	9.2	5,640,000	15.2	1,130,000	3.1	1,105,000	3.0	244,094	.7	57,562	.2
1914	3,917,666	10.5	5,764,064	15.4	1,303,183	3.5	1,081,350	2.9	258,483	.7	45,859	.1
1913	3,866,040	10.1	6,690,520	17.4	1,183,380	3.1	1,010,590	2.6	236,126	.6	60,240	.2
1912	4,424,429	11.3	6,015,935	15.4	1,203,059	3.1	985,749	2.5	270,003	.7	90,104	.2
1911	4,713,755	12.7	5,868,452	15.9	1,207,561	3.3	994,086	2.7	296,657	.8	84,806	.2
1910	5,030,106	12.6	6,182,125	15.4	1,254,826	3.1	1,065,073	2.7	320,314	.8	104,380	.3
1909	5,476,270	12.3	5,761,911	12.9	1,143,507	2.6	954,382	2.1	337,668	.8	179,024	.4
1899	8,749,842	24.9	2,163,570	6.2	737,760	2.1	321,048	.9	235,319	.7	401,465	1.1
1898	8,250,702	34.6	1,510,067	6.3	517,781	2.2	117,311	.5	132,120	.6	611,997	2.6
1879	6,278,567	34.7	337,347	1.9	326,340	1.8	39,624	.2	114,371	.6	504,730	2.8
1869	3,592,202	28.2	203,936	1.6	353,842	2.8	14,061	.1	44,735	.4	417,166	3.3

¹ The grouping of States as given has been preserved in this table in order to present the data historically for the years 1869 to 1939, inclusive. From 1933 to 1939, inclusive, the "Northeastern States" has been further broken down into the "New England States" and "Middle Atlantic States," and the "Southern States" into the "East Gulf States" and "Lower Mississippi States." For 1939 the production of lumber and percent of the total production of the United States for these additional groups are as follows: New England States 596,057 M feet, b. m., 2.4 percent; Middle Atlantic States 370,169 M feet, b. m., 1.5 percent; East Gulf States 2,922,240 M feet, b. m., 11.7 percent; Lower Mississippi States 4,623,890 M feet, b. m., 18.5 percent. Since 1933 the "North Carolina Pine States" group has been known as "South Atlantic States," and "Other States," as "Prairie States." See individual reports for the years 1935 and 1937 for data grouped according to the later regional classifications, as described above.

² Computed by the Forest Service, Department of Agriculture, for 1915 to 1918, inclusive, and 1920. For 1910 to 1913, inclusive, 1920 and 1922 to 1939, inclusive, the cut of small mills, each reporting less than 50,000 feet, was omitted, and for 1914, 1921, 1923, 1925, and 1927 the cut of custom mills was also omitted.

³ Northeastern States: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

⁴ Central States: Illinois, Indiana, Kentucky, Missouri, Ohio, Tennessee, and West Virginia.

⁵ Southern States: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, and Texas.

⁶ North Carolina Pine States: North Carolina, South Carolina, and Virginia.

⁷ Lake States: Michigan, Minnesota, and Wisconsin.

⁸ North Pacific States: Oregon and Washington.

⁹ South Pacific States: California and Nevada.

¹⁰ North Rocky Mountain States: Idaho and Montana.

¹¹ South Rocky Mountain States: Arizona, Colorado, New Mexico, Utah, and Wyoming.

¹² Other States: District of Columbia, Iowa, Kansas, Nebraska, North Dakota, and South Dakota.

¹³ Cut for Nevada included under "Other States" for 1909 to 1914, inclusive, and for 1919 and 1921.

CENSUS OF MANUFACTURES: 1939

TABLE 7.—LUMBER—PRODUCTION, BY STATES: 1939, 1938, 1937, AND 1929

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual establishments, and for the remaining States in groups]

STATE	NUMBER OF ACTIVE MILLS REPORTING				LUMBER SAWED						
					Quantity (M feet, b. m.)				Percent of increase or decrease (—)		
	1939 ^{1 2}	1938	1937	1929	1939 ²	1938	1937	1929	1938-39	1937-38	1929-39
United States.....	16, 627	14, 644	13, 651	20, 037	24, 975, 474	21, 646, 271	25, 996, 857	36, 886, 032	15. 4	—16. 7	—32. 3
Individual States:											
Alabama.....	1, 573	1, 082	1, 072	1, 816	1, 412, 222	1, 212, 054	1, 326, 456	2, 058, 964	16. 5	—8. 6	—31. 4
Arizona.....	42	37	39	31	119, 206	118, 200	123, 041	174, 594	0. 9	—3. 9	—31. 7
Arkansas.....	685	572	581	796	1, 109, 886	934, 846	1, 095, 813	1, 348, 318	18. 7	—14. 7	—17. 7
Colorado.....	204	164	193	134	83, 914	84, 736	83, 991	71, 535	—1. 0	0. 9	17. 3
Connecticut.....	36	28	26	125	17, 248	9, 542	9, 994	30, 157	80. 8	—4. 5	—42. 8
Delaware.....	32	25	20	39	11, 124	7, 706	6, 200	9, 641	44. 4	24. 3	15. 4
Florida.....	255	274	257	367	602, 849	624, 269	795, 868	1, 136, 897	—3. 4	—21. 6	—47. 0
Georgia.....	1, 083	969	846	1, 689	907, 169	805, 017	864, 962	1, 386, 250	12. 7	—6. 9	—34. 6
Idaho.....	193	190	200	135	675, 165	570, 571	797, 492	1, 028, 791	18. 3	—28. 5	—34. 4
Illinois.....	94	75	84	126	27, 211	15, 728	27, 300	37, 681	73. 0	—42. 4	—27. 8
Indiana.....	297	196	193	349	111, 280	73, 238	102, 082	169, 970	51. 9	—28. 3	—34. 5
Iowa.....	15	16	13	(³)	5, 164	4, 733	5, 889	(³)	9. 1	—19. 6	-----
Kentucky.....	636	331	367	835	207, 370	137, 746	190, 810	339, 146	50. 5	—27. 8	—38. 9
Louisiana.....	250	252	334	279	1, 036, 351	946, 258	1, 361, 637	2, 232, 360	9. 5	—30. 5	—53. 6
Maine.....	316	300	312	379	213, 116	217, 532	236, 589	257, 910	—2. 0	—8. 1	—17. 4
Maryland.....	108	93	97	231	51, 438	36, 691	42, 553	54, 870	40. 2	—13. 8	—6. 3
Massachusetts.....	90	91	87	120	67, 402	53, 925	57, 311	71, 863	25. 0	—5. 9	—6. 2
Michigan.....	260	304	152	146	333, 234	306, 841	463, 830	571, 017	8. 6	—33. 8	—41. 6
Minnesota.....	324	227	153	207	111, 218	95, 973	122, 377	337, 180	15. 9	—21. 6	—68. 9
Mississippi.....	1, 277	1, 174	702	1, 396	1, 200, 700	1, 189, 692	1, 219, 648	2, 069, 496	0. 9	—2. 5	—55. 0
Missouri.....	185	167	187	589	74, 086	53, 249	71, 312	228, 078	39. 1	—25. 3	—67. 5
Montana.....	168	140	146	126	271, 096	221, 579	335, 045	388, 711	22. 3	—33. 9	—30. 3
New Hampshire.....	175	192	179	237	186, 926	135, 338	157, 047	191, 703	38. 1	—13. 8	—2. 5
New Jersey.....	38	32	40	25	14, 067	8, 866	15, 803	15, 576	58. 7	—43. 0	—9. 7
New Mexico.....	98	94	105	78	106, 227	125, 176	164, 446	148, 287	—15. 1	—23. 9	—28. 4
New York.....	226	213	202	384	107, 856	96, 676	110, 386	159, 591	11. 6	—12. 4	—32. 4
North Carolina.....	1, 876	2, 388	2, 055	1, 961	1, 042, 122	1, 370, 503	1, 156, 450	1, 202, 377	—24. 0	18. 5	—13. 3
Ohio.....	355	271	300	472	110, 545	78, 548	112, 290	175, 537	40. 7	—30. 1	—37. 0
Oklahoma.....	86	78	69	105	142, 995	148, 222	159, 197	109, 744	—3. 5	—6. 9	—28. 4
Oregon.....	523	511	610	569	4, 764, 802	3, 790, 896	4, 351, 723	4, 784, 009	25. 7	—12. 9	—0. 4
Pennsylvania.....	395	382	394	574	185, 684	148, 104	194, 856	314, 250	25. 4	—24. 0	—40. 9
Rhode Island.....	7	7	8	12	5, 382	3, 401	3, 154	6, 514	58. 2	7. 8	—17. 4
South Carolina.....	589	507	393	884	646, 212	587, 804	569, 520	1, 067, 987	9. 9	3. 2	—39. 5
South Dakota.....	37	30	31	50	41, 933	27, 344	43, 550	61, 126	53. 4	—37. 2	—31. 4
Tennessee.....	717	508	577	1, 148	376, 446	287, 335	435, 506	763, 828	31. 0	—34. 0	—50. 7
Texas.....	428	336	369	397	1, 136, 958	1, 028, 385	1, 125, 760	1, 451, 640	10. 6	—8. 7	—21. 7
Utah.....	90	81	85	43	15, 113	13, 010	15, 337	5, 301	16. 2	—15. 2	185. 1
Vermont.....	190	184	173	280	105, 983	91, 631	95, 674	119, 622	15. 7	—4. 2	—11. 4
Virginia.....	1, 068	684	776	1, 356	678, 820	511, 662	617, 373	708, 452	32. 7	—17. 1	—4. 2
Washington.....	418	387	454	569	4, 244, 001	3, 348, 567	4, 712, 698	7, 302, 063	26. 7	—28. 9	—41. 9
West Virginia.....	407	220	268	465	324, 484	217, 104	352, 597	632, 992	49. 5	—38. 4	—48. 7
Wisconsin.....	426	486	217	215	336, 797	371, 770	419, 162	842, 814	—9. 4	—11. 3	—60. 0
Wyoming.....	129	121	95	58	65, 340	68, 457	57, 896	25, 629	—4. 6	18. 2	154. 9
Groups of States:											
California and Nevada.....	220	219	184	169	1, 684, 694	1, 461, 961	1, 775, 734	2, 063, 229	15. 2	—17. 7	—18. 3
Kansas and Nebraska.....	6	6	6	71	3, 638	5, 385	10, 489	20, 332	—32. 4	—48. 7	—82. 1

¹ As this table covers lumber mills only, the numbers of mills differ somewhat from the numbers given in table 17, which includes data for lath and shingle mills.² Does not include data for sawmills shown in footnote 1, table 17.³ Included with Kansas and Nebraska.⁴ California only.⁵ Includes figures for Iowa.

SAWMILLS, VENEER MILLS, COOPERAGE-STOCK MILLS, ETC.

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TABLE 8.—LUMBER—PRODUCTION, BY KIND OF WOOD: 1939, 1938, 1937, AND 1929

[Average values are presented in this table for the kinds of lumber for which values were reported for sufficient quantities to be considered representative]

	LUMBER SAWED							
	Quantity (M feet, b. m.)				Average value per specified unit			
	1939 ¹	1938	1937	1929	1939	1938	1937	1929
Lumber, aggregate.....	24,975,474	21,646,271	25,996,857	36,886,032	\$21.97	\$21.45	\$24.25	\$26.94
Softwood, total.....	21,242,394	18,292,823	21,589,122	29,813,345	20.97	20.42	22.97	24.31
Balsam fir.....	20,002	12,712	17,690	37,602	19.43	20.72	21.82	25.49
Cedar.....	263,700	221,878	257,474	308,839	40.68	36.41	37.00	34.83
Cypress.....	421,584	408,300	429,138	532,022	35.50	35.14	36.79	35.29
Douglas fir.....	6,494,301	5,215,972	6,554,781	8,688,700	17.91	17.29	19.67	20.05
Hemlock.....	665,259	577,917	801,674	2,098,668	19.39	18.99	20.58	18.90
Larch.....	111,488	84,148	140,806	244,719	16.80	16.05	17.23	18.35
Lodgepole pine.....	54,803	76,306	74,734	30,897	17.76	16.85	16.34	17.97
Ponderosa pine.....	3,360,004	2,733,509	3,307,655	3,288,237	22.75	22.22	24.53	26.47
Redwood.....	345,003	317,296	436,231	485,606	34.56	36.73	36.30	31.00
Spruce.....	346,159	290,407	370,356	563,953	26.68	23.72	25.73	28.64
Sugar pine.....	308,929	267,097	319,212	349,294	30.10	30.16	34.71	43.08
White fir.....	97,712	86,243	115,759	307,241	17.34	18.22	18.95	20.63
White pine.....	1,004,262	804,805	1,012,136	1,247,878	25.90	26.77	29.20	20.87
Yellow pine.....	7,749,188	7,196,243	7,691,476	11,629,689	19.70	19.01	22.18	25.66
Hardwood, total.....	3,733,080	3,353,448	4,407,735	7,072,687	27.66	27.09	30.49	38.04
Alder.....	21,016	15,751	30,679	23,651	24.63	25.41	23.07	27.18
Ash.....	90,428	77,544	95,051	152,369	34.33	34.30	37.11	43.14
Basswood.....	95,706	77,887	90,865	133,320	31.94	32.78	35.65	39.88
Beech.....	119,564	96,834	133,181	186,558	22.03	22.33	25.05	28.39
Birch.....	140,738	160,055	203,732	374,377	33.11	34.72	36.11	39.35
Buckeye.....	772	992	946	2,676	22.62	24.34	23.00	30.26
Butternut.....	305	147	431	386	24.54	24.54	24.54	38.49
Cherry.....	3,845	4,155	5,351	7,448	39.74	41.26	45.83	59.31
Chestnut.....	74,051	77,901	104,216	267,917	21.94	19.88	24.87	29.51
Cottonwood.....	129,858	139,654	145,556	165,306	21.41	22.05	25.24	29.70
Cucumber.....	319	59	4	1,330	21.90	21.90	21.90	40.18
Dogwood.....	861	129	97	404	80.10	80.10	80.10	225.00
Elm.....	73,645	64,412	80,617	175,833	24.54	23.84	25.48	35.28
Hackberry.....	1,855	734	1,974	4,732	24.61	20.06	24.30	29.63
Hickory.....	37,759	24,069	34,633	57,057	26.75	28.17	32.12	40.33
Lauan.....	3,018	491	210	3,304	60.00	60.00	60.00	74.98
Locust.....	850	233	805	1,665	16.98	42.19	38.53	28.61
Magnolia.....	20,246	26,100	40,653	42,343	27.26	29.67	29.02	38.11
Mahogany.....	27,214	24,266	20,733	49,459	128.02	127.15	126.34	142.79
Maple.....	445,103	389,416	525,377	823,552	32.51	32.34	34.14	36.93
Oak.....	1,432,119	1,203,984	1,581,682	2,574,495	26.32	25.41	29.60	38.43
Pecan.....	4,819	3,508	6,759	7,023	19.89	21.57	25.23	30.17
Persimmon.....	670	40	167	6	37.86	37.86	37.86	37.86
Red gum.....	382,663	453,639	577,824	1,103,703	23.28	22.43	26.63	34.42
Sycamore.....	27,104	27,687	32,305	57,714	22.26	21.42	22.75	30.07
Tupelo.....	271,486	215,887	326,927	306,634	22.09	20.24	23.31	25.39
Walnut.....	27,007	24,808	43,447	71,523	63.18	71.26	85.10	119.15
Willow.....	16,325	20,384	20,928	13,631	25.32	24.86	26.19	29.78
Yellow poplar.....	276,383	220,554	299,426	435,953	26.98	25.75	31.60	41.66
Other ²	7,201	2,098	2,159	28,318	28.318	28.318	28.318	28.318

¹ Does not include data for sawmills shown in footnote 1, table 17.² For 1939: Catawba, holly, mulberry, sassafras, silverbell, 6,988 M of domestic woods not specified, and miscellaneous foreign woods not specified above. For 1938, 1937, and 1929, see reports for those years.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—LUMBER—PRODUCTION AND AVERAGE VALUE, BY KIND OF WOOD, FOR PRINCIPAL STATES: 1939

[Does not include data for sawmills shown in footnote 1, table 17]

STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill
ALDER								
Red alder (<i>Alnus rubra</i>) is the only species of alder cut for lumber.								
United States.....	21, 016	\$24. 63	Washington.....	12, 114	\$23. 39	Oregon.....	8, 902	\$26. 32

ASH

The species of ash covered by this table are as follows:

White ash (*Fraxinus americana*); cut principally in the Central States.Green ash (*Fraxinus pennsylvanica lanceolata*); cut principally in the Southern States.Black (or brown) ash (*Fraxinus nigra*); cut in the Lake States and Northeastern States.Red ash (*Fraxinus pennsylvanica*); cut in small quantities in the Eastern States.Oregon ash (*Fraxinus oregona*); cut in the Pacific Northwest.

United States.....	90, 428	\$34. 33	New York.....	4, 097	\$54. 12	Wisconsin.....	2, 863	\$27. 22
South Carolina.....	14, 564	26. 40	West Virginia.....	3, 954	46. 93	Texas.....	2, 724	37. 69
Louisiana.....	12, 322	28. 73	Michigan.....	3, 376	26. 72	Georgia.....	2, 710	28. 89
Florida.....	7, 117	40. 64	Ohio.....	3, 208	68. 41	Alabama.....	2, 121	30. 35
Mississippi.....	5, 554	29. 77	Pennsylvania.....	3, 048	44. 54	Indiana.....	2, 039	40. 33
Tennessee.....	4, 375	36. 41	Kentucky.....	3, 012	33. 60	North Carolina.....	2, 016	31. 14
			Arkansas.....	3, 000	29. 35	Other States ¹	8, 319	29. 07

BALSAM FIR*Abies balsamea* is the only species cut as balsam fir.

United States.....	20, 002	\$19. 43	Vermont.....	6, 871	\$21. 74	New Hampshire.....	1, 119	\$26. 57
Maine.....	9, 227	15. 98	Minnesota.....	1, 760	22. 50	Other States ¹	1, 025	21. 89

BASSWOOD

The chief species of basswood covered by this table are as follows:

American basswood (or linden) (*Tilia glabra*); cut principally in the Lake States.White basswood (*Tilia heterophylla*); cut in the Appalachian Mountain region.

United States.....	95, 706	\$31. 94	New York.....	5, 280	\$20. 07	Indiana.....	2, 726	\$37. 31
Wisconsin.....	22, 591	35. 93	Virginia.....	4, 025	30. 56	Vermont.....	2, 423	27. 17
West Virginia.....	17, 472	32. 96	Tennessee.....	3, 561	29. 34	Ohio.....	1, 674	28. 88
Michigan.....	15, 173	33. 26	Pennsylvania.....	3, 381	26. 69	Alabama.....	1, 268	25. 60
Kentucky.....	5, 981	31. 29	North Carolina.....	3, 284	29. 29	Other States ¹	3, 969	27. 15
			Minnesota.....	2, 898	18. 46			

BEECH*Fagus grandifolia* is the only species cut for beech lumber.

United States.....	119, 564	\$22. 03	Tennessee.....	11, 400	\$18. 09	Vermont.....	3, 415	\$23. 32
Indiana.....	14, 479	24. 79	West Virginia.....	10, 727	25. 15	Virginia.....	2, 730	22. 17
Pennsylvania.....	17, 472	21. 88	Kentucky.....	9, 047	18. 57	Alabama.....	2, 177	20. 43
Ohio.....	13, 509	19. 99	New York.....	8, 556	24. 67	Other States ¹	7, 549	21. 63
Michigan.....	11, 758	23. 10	Mississippi.....	6, 310	21. 13			
			Louisiana.....	3, 530	23. 30			

BIRCH

The species of birch covered by this table are as follows:

Yellow birch (*Betula lutea*); the principal species cut in the Lake States, New England, and New York.Paper birch (*Betula papyrifera*) and gray birch (*Betula populifolia*); cut to a small extent in New England.Sweet (or cherry) birch (*Betula lenta*); cut in West Virginia and Pennsylvania.River (or red) birch (*Betula nigra*); cut in the Southern States.

United States.....	140, 738	\$33. 11	Maine.....	20, 037	\$34. 34	West Virginia.....	3, 964	\$43. 48
Wisconsin.....	37, 906	34. 79	New Hampshire.....	12, 903	32. 41	Minnesota.....	3, 017	19. 70
Michigan.....	30, 041	34. 40	Vermont.....	11, 589	27. 82	Other States ¹	10, 549	23. 46
			New York.....	10, 732	37. 30			

CEDAR

The species of cedar covered by this table are as follows:

Western red cedar (*Thuja plicata*); cut in Washington, Oregon, and Idaho.Port Orford white-cedar (*Chamaecyparis lawsoniana*); cut in Oregon.Alaska yellow-cedar (*Chamaecyparis nootkatensis*); cut in Washington.California incense-cedar (*Libocedrus decurrens*); cut in California.Northern white-cedar (or arborvitae) (*Thuja occidentalis*); cut in Lake States and the Northeastern States.Atlantic white-cedar ("southern white cedar" or juniper) (*Chamaecyparis thyoides*); cut in the Atlantic Coast States.Eastern red cedar (*Juniperus virginiana*) and southern red cedar (*Juniperus lucayana*); cut principally in Tennessee, Florida, and Alabama.

United States.....	263, 700	\$40. 68	Oregon.....	75, 801	\$40. 03	Other States ¹	33, 708	\$32. 31
Washington.....	119, 042	49. 14	California and Nevada.....	35, 149	21. 47			

¹ See table 17.

TABLE 9.—LUMBER—PRODUCTION AND AVERAGE VALUE, BY KIND OF WOOD, FOR PRINCIPAL STATES: 1939—
Continued

STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill
CHESTNUT								
<i>Castanea dentata</i> is the only species cut for chestnut lumber. Includes several species of chinquapin, such as <i>Castanea ozarkensis</i> , cut for ties in Arkansas and possibly in sections farther east.								
United States.....	74,051	\$21.94	North Carolina.....	28,476	\$21.38	Virginia.....	11,229	\$18.74
			West Virginia.....	19,610	23.43	Other States ¹	14,736	23.48
COTTONWOOD								
The species of cottonwood covered by this table are as follows: Eastern cottonwood (<i>Populus deltoides</i>); the species most commonly cut east of the Rocky Mountains and more particularly in the lower Mississippi Valley. Swamp cottonwood (<i>Populus heterophylla</i>); cut in the Mississippi Valley States. Aspen (or popple) (<i>Populus tremuloides</i>); cut in the Lake States and the Northeastern States, and to a small extent in the Rocky Mountains and farther west. Large-tooth aspen (<i>Populus grandidentata</i>); cut in the Lake States and Northeastern States. Balsam poplar (<i>Populus balsamifera</i>); cut in the Lake States and Eastern States. Black cottonwood (<i>Populus trichocarpa</i>); cut in the Pacific Coast States.								
United States.....	129,858	\$21.41	Louisiana.....	11,869	\$28.46	Tennessee.....	4,372	\$22.10
Minnesota.....	28,755	16.95	Wisconsin.....	8,367	20.80	Alabama.....	3,993	23.81
Mississippi.....	23,547	22.62	Missouri.....	8,089	20.60	Michigan.....	3,750	15.31
Arkansas.....	12,287	23.82	Oregon.....	7,185	22.08	Indiana.....	2,543	27.68
			Texas.....	5,488	15.17	Other States ¹	9,613	23.60
CYPRESS								
Bald cypress ("southern cypress") (<i>Taxodium distichum</i>) and pond cypress (<i>Taxodium ascendens</i>).								
United States.....	421,584	\$35.50	Mississippi.....	32,249	\$26.47	Alabama.....	8,514	\$29.13
Florida.....	137,792	44.19	North Carolina.....	30,543	27.32	Tennessee.....	8,077	28.72
Louisiana.....	74,407	37.26	Arkansas.....	25,239	25.02	Texas.....	6,080	35.81
South Carolina.....	53,101	33.71	Georgia.....	22,108	26.91	Missouri.....	5,780	20.96
			Virginia.....	15,274	33.81	Other States ¹	2,420	26.99
DOUGLAS FIR								
<i>Pseudotsuga taxifolia</i> is practically the only species cut commercially as Douglas fir.								
United States.....	6,494,301	\$17.91	Oregon.....	2,918,596	\$16.46	Montana.....	39,240	\$17.04
Washington.....	3,283,181	19.11	California and Nevada.....	169,190	18.97	New Mexico.....	18,012	22.73
			Idaho.....	52,739	18.18	Other States ¹	13,343	21.26
ELM								
The species of elm covered by this table are as follows: American (white or soft) elm (<i>Ulmus americana</i>); cut in all the States east of the Rocky Mountains. Slippery (or red) elm (<i>Ulmus fulva</i>); cut in the same region as American elm. Rock elm (<i>Ulmus racemosa</i>); cut in the Lake States. Winged elm (<i>Ulmus alata</i>) and cedar elm (<i>Ulmus crassifolia</i>); cut in small quantities in the lower Mississippi Valley.								
United States.....	73,645	\$24.54	Louisiana.....	9,761	\$20.52	Mississippi.....	3,312	\$18.89
Wisconsin.....	17,184	28.75	Ohio.....	7,478	25.76	Tennessee.....	3,049	22.66
Michigan.....	11,252	27.58	Arkansas.....	4,177	18.87	Minnesota.....	3,003	17.59
			Indiana.....	4,162	27.70	Other States ¹	10,267	22.52
HEMLOCK								
The species of hemlock covered by this table are as follows: Eastern hemlock (<i>Tsuga canadensis</i>); cut in the Lake States, Northeastern States, and the Appalachian region. Western hemlock (<i>Tsuga heterophylla</i>); cut in Washington and Oregon. Mountain hemlock (<i>Tsuga mertensiana</i>); cut in small quantities in Washington, Oregon, and California. Carolina hemlock (<i>Tsuga caroliniana</i>); cut in small quantities in the Appalachian region.								
United States.....	665,259	\$19.39	Oregon.....	57,461	\$17.93	New Hampshire.....	12,944	\$19.99
Washington.....	235,019	16.30	Pennsylvania.....	44,121	24.41	Vermont.....	10,259	21.18
Wisconsin.....	106,450	22.59	Maine.....	25,166	19.70	Other States ¹	35,034	20.14
Michigan.....	94,951	19.68	West Virginia.....	24,429	20.73			
			New York.....	19,425	26.02			
HICKORY								
Several species of hickory are cut, the principal ones being shagbark hickory (<i>Hicoria ovata</i>), shellbark hickory (<i>Hicoria laciniata</i>), pignut hickory (<i>Hicoria glabra</i>), bittersweet hickory (<i>Hicoria cordiformis</i>), and mockernut hickory or white hickory (<i>Hicoria alba</i>).								
United States.....	37,759	\$26.75	Ohio.....	2,717	\$31.59	Alabama.....	1,761	\$36.37
West Virginia.....	5,512	23.10	Tennessee.....	2,599	24.71	Virginia.....	1,235	17.44
Mississippi.....	4,096	26.41	Pennsylvania.....	2,371	21.91	Illinois.....	1,086	20.40
Kentucky.....	3,423	20.81	Indiana.....	2,237	25.70	Other States ¹	3,680	23.53
Arkansas.....	3,221	40.71	Louisiana.....	2,017	30.24			
			North Carolina.....	1,804	32.87			

¹ See table 17.

CENSUS OF MANUFACTURES: 1939

TABLE 9.—LUMBER—PRODUCTION AND AVERAGE VALUE, BY KIND OF WOOD, FOR PRINCIPAL STATES: 1939—Continued

STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill
LARCH								
The species of larch covered by this table are as follows: Western larch (<i>Larix occidentalis</i>); the species cut in the inland empire and the Pacific Northwest. Tamarack or eastern larch (<i>Larix laricina</i>); cut in the Lake States and New England States.								
United States.....	111,488	\$16.80	Idaho.....	24,224	\$16.49	Other States ¹	3,654	\$20.19
Montana.....	63,738	16.63	Washington.....	19,872	17.11			
LODGEPOLE PINE								
<i>Pinus contorta</i> is the only species cut as lodgepole pine.								
United States.....	54,803	\$17.76	Wyoming.....	27,599	\$17.01	Other States ¹	9,323	\$18.44
			Colorado.....	17,881	18.55			
MAGNOLIA								
The species of magnolia covered by this table are as follows: Southern magnolia (<i>Magnolia grandiflora</i>); cut mainly in eastern Texas and Louisiana. Cucumber tree (<i>Magnolia acuminata</i>), also known as cucumber magnolia; cut mainly in the southern Appalachian region.								
United States.....	20,246	\$27.26	Florida.....	4,812	\$27.15	Alabama.....	1,437	\$21.69
Louisiana.....	5,671	27.73	Mississippi.....	4,081	29.12	Other States ¹	763	26.76
			Texas.....	3,492	26.90			
MAPLE								
The species of maple covered by this table are as follows: Sugar (or hard) maple (<i>Acer saccharum</i>); cut principally in the Northern States. Silver (or soft) maple (<i>Acer saccharinum</i>); also cut in the Northern States. Red (or soft) maple (<i>Acer rubrum</i>); the principal species of maple cut in the Southern States. Bigleaf maple (<i>Acer macrophyllum</i>); cut in Oregon and Washington.								
United States.....	445,163	\$32.51	Indiana.....	19,765	\$38.56	South Carolina.....	8,284	\$32.51
Michigan.....	128,293	29.31	Pennsylvania.....	18,885	26.52	Georgia.....	6,439	25.44
Wisconsin.....	69,678	35.37	Ohio.....	16,065	25.24	Illinois.....	5,041	25.98
West Virginia.....	40,475	44.34	North Carolina.....	10,769	30.25	Arkansas.....	5,031	23.08
New York.....	30,383	36.78	Tennessee.....	10,563	31.50	Other States ¹	31,174	29.70
Vermont.....	23,366	28.63	Kentucky.....	10,499	37.25			
			Virginia.....	10,453	32.84			
OAK								
Commercially the oaks are classed in two groups; white oaks and red oaks. The principal commercial species are as follows: White oaks—White oak (<i>Quercus alba</i>), common throughout eastern United States; post oak (<i>Quercus stellata</i>) of eastern United States exclusive of northern New England, New York, and the Lake States; bur oak (<i>Quercus macrocarpa</i>) of eastern United States exclusive of the region from Virginia to Louisiana; chestnut (or rock) oak (<i>Quercus montana</i>) of the Appalachian region; overcup oak (<i>Quercus lyrata</i>) and swamp chestnut (or basket) oak (<i>Quercus prinus</i>), the principal southern white oaks, found in the lower Mississippi Valley, and the South Atlantic and Gulf coastal plains. Red oaks—Northern red oak (<i>Quercus borealis</i>) and eastern red oak (<i>Quercus borealis maxima</i>) of northeastern United States, of greatest importance in the Appalachian region; black oak (<i>Quercus velutina</i>), occurring throughout nearly all the region east of the Great Plains; southern red oak (<i>Quercus rubra</i>), swamp red oak (<i>Quercus pagodaefolia</i>), and Shumard red oak (<i>Quercus shumardii</i>), chiefly of the lower Mississippi Valley but also found in the South Atlantic and Gulf Coast States; scarlet oak (<i>Quercus coccinea</i>) and pin oak (<i>Quercus palustris</i>) of principal importance in northeastern United States exclusive of New England and the Lake States; blackjack oak (<i>Quercus marilandica</i>) of eastern United States exclusive of New England, New York, and the Lake States; water oak (<i>Quercus nigra</i>) and willow oak (<i>Quercus phellos</i>), of chief importance in the Lower Mississippi Valley; laurel oak (<i>Quercus laurifolia</i>) found in the Coastal States from South Carolina to Louisiana.								
United States.....	1,432,119	\$26.32	Mississippi.....	101,183	\$26.23	Indiana.....	49,420	\$32.78
Arkansas.....	146,537	26.63	Kentucky.....	100,566	26.71	Wisconsin.....	35,620	25.49
Tennessee.....	142,289	27.81	North Carolina.....	80,499	24.67	Missouri.....	33,079	20.00
West Virginia.....	135,240	32.00	Pennsylvania.....	69,441	22.97	Georgia.....	27,164	19.03
Louisiana.....	127,656	26.35	Alabama.....	67,122	20.64	South Carolina.....	19,105	21.13
Virginia.....	101,662	24.36	Texas.....	61,177	23.68	Illinois.....	16,963	25.21
			Ohio.....	51,402	28.07	Other States ¹	65,994	29.24
PONDEROSA PINE								
<i>Pinus ponderosa</i> is the principal species cut as ponderosa pine (formerly known as pondosa pine and western yellow pine), together with small quantities of Jeffrey pine (<i>Pinus jeffreyi</i>) in California and of Arizona pine (<i>Pinus arizonica</i>) in Arizona.								
United States.....	3,360,004	\$22.75	Idaho.....	200,327	\$22.56	Colorado.....	39,060	\$20.05
Oregon.....	1,529,459	22.83	Montana.....	130,060	23.60	Wyoming.....	28,852	18.27
California and Nevada.....	838,382	23.97	Arizona.....	116,421	20.60	Utah.....	4,268	20.63
Washington.....	348,513	21.56	New Mexico.....	82,739	21.60			
			South Dakota.....	41,933	17.77			

¹ See table 17.

TABLE 9.—LUMBER—PRODUCTION AND AVERAGE VALUE, BY KIND OF WOOD, FOR PRINCIPAL STATES: 1939—
Continued

STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill
RED GUM (SWEETGUM)								
<i>Liquidambar styraciflua</i> is the only species cut for lumber. The heartwood is commonly sold as red gum, and the sapwood as sap gum.								
United States.....	382,603	\$23.28	Arkansas.....	47,385	\$23.66	Tennessee.....	10,440	\$25.40
Louisiana.....	94,548	24.72	Alabama.....	27,126	20.17	North Carolina.....	8,202	25.98
South Carolina.....	65,160	24.39	Texas.....	26,495	23.93	Other States ¹	22,278	18.46
Mississippi.....	47,538	22.52	Georgia.....	22,142	20.12			
			Florida.....	11,379	24.30			

REDWOOD

Redwood (*Sequoia sempervirens*) is the species chiefly cut; giant sequoia ("bigtree") (*Sequoia washingtoniana*) contributes a minor part of the redwood production.

United States.....	345,003	\$34.56	California.....	344,303	\$34.50	Oregon.....	700	\$21.00
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SPRUCE

The species of spruce covered by this table are as follows:

Red spruce (*Picea rubra*); the principal species of spruce cut in the Northeastern States and the Appalachian region.

Sitka spruce (*Picea sitchensis*); the principal species of spruce cut in Oregon and Washington.

Black spruce (*Picea mariana*); cut in small quantities in the Northeastern States.

White spruce (*Picea glauca*); cut in the Lake States, New York, and northern New England.

Engelmann spruce (*Picea engelmannii*); cut in the Rocky Mountain region.

United States.....	346,159	\$26.68	Vermont.....	26,576	\$23.98	Montana.....	5,447	\$20.12
Washington.....	120,601	28.21	Colorado.....	20,893	20.52	Wyoming.....	5,235	18.08
Oregon.....	74,041	30.82	New Hampshire.....	13,175	20.27	Other States ¹	19,536	23.02
Maine.....	42,885	25.65	West Virginia.....	10,787	27.58			
			Idaho.....	5,993	22.85			

SUGAR PINE

Pinus lambertiana, the only species cut as sugar pine, is found commercially only in California and southern Oregon.

United States.....	308,929	\$30.10	California.....	250,636	\$29.04	Oregon.....	58,243	\$34.66
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SYCAMORE

Platanus occidentalis is the only species cut as sycamore.

United States.....	27,104	\$22.26	Louisiana.....	2,777	\$21.69	Arkansas.....	1,568	\$18.95
Alabama.....	4,996	25.64	Indiana.....	2,439	22.50	Ohio.....	1,133	21.22
Mississippi.....	4,878	20.43	Tennessee.....	2,399	24.22	South Carolina.....	1,061	23.84
			Missouri.....	1,576	23.85	Other States ¹	4,277	20.04

TUPELO

The species of tupelo covered by this table are as follows:

Water tupelo ("tupelo gum" or "cotton gum") (*Nyssa aquatica*); cut in the Gulf States.

Black tupelo ("black gum" or pepperidge) (*Nyssa sylvatica*); cut in the Atlantic and Central States and sold both as tupelo and as black gum.

Swamp tupelo ("swamp black gum") (*Nyssa biflora*); cut to a small extent in the South Atlantic States.

United States.....	271,486	\$22.09	Mississippi.....	33,607	\$20.60	Texas.....	16,395	\$21.85
Louisiana.....	52,462	20.97	Alabama.....	21,085	21.91	Florida.....	13,557	24.91
South Carolina.....	35,681	21.66	Virginia.....	19,325	27.03	Tennessee.....	5,663	25.22
North Carolina.....	33,664	22.57	Georgia.....	19,320	21.56	Other States ¹	3,449	21.27
			Arkansas.....	17,278	20.96			

WALNUT

Black walnut (*Juglans nigra*) is the only species cut for walnut lumber.

United States.....	27,007	\$63.18	Indiana.....	3,242	\$62.24	Ohio.....	2,561	\$90.58
Missouri.....	5,796	72.49	Kansas and Nebraska.....	3,102	79.81	Virginia.....	1,299	51.65
Kentucky.....	3,435	54.81	West Virginia.....	2,578	46.48	Other States ¹	2,419	41.88
			Tennessee.....	2,575	49.91			

¹ See table 17,

TABLE 9.—LUMBER—PRODUCTION AND AVERAGE VALUE, BY KIND OF WOOD, FOR PRINCIPAL STATES: 1939—
Continued

STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill	STATE	Quantity (M feet, b. m.)	Average value, M feet, f. o. b. mill
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WHITE FIR

The following species are marketed as white fir:

White fir (*Abies concolor*); cut in the West Coast States and in the central and southern Rocky Mountain region.

Grand fir (lowland white fir) (*Abies grandis*); cut mainly in Idaho and Montana.

Pacific silver fir (*Abies amabilis*); cut chiefly in Washington.

California red fir (*Abies magnifica*); cut chiefly in California.

Alpine fir (*Abies lasiocarpa*); cut chiefly in the central and northern Rocky Mountain States and in the Cascade Mountain region.

United States.....	97,712	\$17.34	Oregon.....	22,507	\$15.26	New Mexico.....	4,855	\$22.68
California and Nevada.....	43,109	16.84	Idaho.....	16,025	19.72	Other States ¹	3,062	18.06
			Washington.....	8,154	17.39			

WHITE PINE

The species of white pine covered by this table are as follows:

Eastern white pine (*Pinus strobus*); cut in the Lake States, the Northeastern States, and the Appalachian region.

Red (or Norway) pine (*Pinus resinosa*); cut in the Lake States and marketed to a large extent with white pine, although botanically a yellow pine.

Jack (or Hudson Bay) pine (*Pinus banksiana*); cut in the Lake States.

Western white pine (*Pinus monticola*); cut in Idaho, Montana, Washington, and Oregon.

United States.....	1,004,262	\$25.90	Washington.....	89,251	\$31.06	Michigan.....	20,036	\$36.61
Idaho.....	365,540	20.18	Minnesota.....	61,474	20.65	Vermont.....	18,594	22.96
New Hampshire.....	137,405	19.85	Massachusetts.....	52,866	21.16	New York.....	15,782	27.94
Maine.....	104,705	21.81	Wisconsin.....	32,093	30.79	Pennsylvania.....	15,249	28.41
			Montana.....	29,939	29.92	Other States ¹	61,328	20.49

YELLOW PINE

The species of yellow pine covered by this table are as follows:

Longleaf pine (*Pinus palustris*); also known as Georgia pine and hard pine and exported as pitch pine; cut mainly in the Gulf States.

Loblolly pine (*Pinus taeda*); also called shortleaf, North Carolina, old field, rosemary, and Virginia pine; cut mainly in Virginia, North Carolina, South Carolina, Arkansas, and Texas.

Shortleaf pine (*Pinus echinata*); cut mainly in Virginia, North Carolina, South Carolina, Arkansas, Missouri, Louisiana, and Mississippi.

Sand pine (*Pinus clausa*); Florida and Alabama.

Slash pine (*Pinus caribaea*); cut mainly in Georgia and the Gulf States east of the Mississippi River.

Virginia pine (*Pinus virginiana*); also called Jersey pine and spruce pine; cut in the Middle Atlantic States.

Pitch pine (*Pinus rigida*); Middle Atlantic and Northern States.

Spruce pine (*Pinus glabra*); Georgia and Gulf States.

Pond pine (*Pinus rigida serotina*); South Atlantic States.

Table mountain pine (*Pinus pungens*); Appalachian Mountains.

United States.....	7,749,188	\$19.70	North Carolina.....	791,473	\$17.70	Oklahoma.....	127,622	\$25.03
Alabama.....	1,226,508	17.44	Georgia.....	778,845	17.26	Tennessee.....	98,885	15.32
Texas.....	1,010,632	21.80	Louisiana.....	613,212	23.38	Maryland.....	30,310	16.94
Mississippi.....	895,977	20.19	South Carolina.....	438,993	19.82	Kentucky.....	21,492	18.09
Arkansas.....	838,051	18.93	Virginia.....	436,068	17.32	Other States ¹	29,048	21.87
			Florida.....	411,772	26.63			

YELLOW POPLAR

Yellow poplar (*Liriodendron tulipifera*) is the only species cut for yellow poplar lumber. With it are cut and marketed small quantities of southern (or evergreen) magnolia (*Magnolia grandiflora*) in eastern Texas and Louisiana, and cucumbertree (*Magnolia acuminata*) in the southern Appalachian region.

United States.....	276,383	\$26.98	North Carolina.....	26,096	\$27.96	Ohio.....	4,573	\$26.23
Virginia.....	39,840	24.59	Kentucky.....	25,813	27.81	Louisiana.....	3,425	27.85
West Virginia.....	37,342	35.18	Georgia.....	22,632	19.84	Pennsylvania.....	3,133	23.08
Tennessee.....	37,303	31.59	Mississippi.....	22,556	26.12	Maryland.....	2,153	23.40
Alabama.....	36,974	20.71	South Carolina.....	6,135	23.70	Florida.....	2,137	28.87
			Indiana.....	5,202	29.89	Other States ¹	1,019	27.58

¹ See table 17.

TABLE 10.—LUMBER—AVERAGE VALUE PER M FEET, B. M., AT MILL, BY KINDS AND BY STATES: 1939

[Average values are presented in this table for the kinds of lumber for which values were reported for sufficient quantities to be considered representative]

STATE	All lumber	SOFTWOOD														
		Total soft- wood	Bal- sarn fir	Cedar	Cypress	Douglas fir	Hem- lock	Larch	Lodge- pole pine	Ponde- rosa pine	Red- wood	Spruce	Sugar pine	White fir	White pine	Yellow pine
United States	\$21. 97	\$20. 97	\$19. 43	\$40. 68	\$35. 50	\$17. 91	\$19. 39	\$16. 80	\$17. 76	\$22. 75	\$34. 56	\$26. 68	\$30. 10	\$17. 34	\$25. 90	\$19. 70
Alabama	18. 05	17. 56		37. 82	29. 13											17. 44
Arizona	20. 61	20. 61			20. 91					20. 60				25. 00		
Arkansas	20. 53	19. 12			25. 02											18. 93
California and Nevada ¹	26. 15	26. 15		21. 47		18. 97				23. 97	34. 59		29. 04	16. 84		
Colorado	19. 93	19. 91				21. 77				18. 55	20. 05		20. 52	18. 37	20. 00	
Connecticut	18. 70	17. 89					19. 53								17. 60	
Delaware	19. 50	17. 80														17. 80
Florida	31. 77	31. 03		32. 29	44. 19											26. 63
Georgia	17. 88	17. 52		40. 00	26. 91		16. 29								14. 81	17. 26
Idaho	25. 50	25. 49		21. 88		18. 18	15. 25	16. 49	22. 30	22. 56		22. 85		19. 72	29. 18	
Illinois	26. 27	21. 69			23. 00											
Indiana	33. 83	26. 74														
Iowa	27. 49															
Kansas and Nebraska ¹	70. 38															
Kentucky	26. 64	21. 42		38. 20	30. 02		23. 03								23. 23	18. 09
Louisiana	26. 17	24. 88			37. 26											23. 38
Maine	23. 74	22. 15	15. 98	24. 17			19. 70					25. 65			21. 81	
Maryland	18. 72	16. 99					21. 86								15. 95	16. 94
Massachusetts	28. 30	21. 81					23. 86					19. 84			21. 16	
Michigan	27. 12	23. 69	22. 80	22. 86			19. 68	26. 96				24. 86			36. 61	
Minnesota	19. 78	20. 97	22. 50	24. 71				21. 09				23. 65			20. 65	
Mississippi	21. 31	20. 41			26. 47											20. 10
Missouri	25. 10	22. 78			20. 96											23. 49
Montana	21. 63	21. 63				17. 04		16. 63	23. 23	23. 60		20. 12		21. 29	20. 92	
New Hampshire	21. 74	19. 94	26. 57				19. 99					20. 27			19. 85	
New Jersey	60. 66	38. 08													39. 04	30. 83
New Mexico	21. 80	21. 80				22. 73				21. 60		15. 30		22. 58		
New York	32. 30	27. 26					26. 02					34. 94			27. 94	
North Carolina	19. 46	18. 19		38. 40	27. 32		16. 85								20. 05	17. 70
Ohio	28. 77	19. 74					20. 32									19. 85
Oklahoma	25. 08	25. 02			21. 40											25. 03
Oregon	19. 38	19. 36		40. 03		16. 46	17. 93	18. 28		22. 83		30. 82	34. 66	15. 26	22. 83	
Pennsylvania	24. 41	25. 42					24. 41					18. 61			28. 41	24. 92
Rhode Island	24. 61	24. 59														
South Carolina	21. 92	21. 32			33. 71		23. 42									19. 82
South Dakota	17. 77	17. 77								17. 77						
Tennessee	24. 43	17. 41		30. 06	28. 72		19. 35								22. 55	15. 32
Texas	22. 08	21. 91		42. 46	35. 81											21. 80
Utah	20. 50	20. 52				21. 18			17. 63	20. 62		21. 76				
Vermont	24. 89	22. 97	21. 74				21. 18					23. 98			22. 96	
Virginia	20. 26	18. 20		43. 94	33. 81		21. 01					20. 09			19. 85	17. 32
Washington	20. 54	20. 50		49. 14		19. 11	16. 30	17. 11		21. 56		28. 21		17. 39	31. 06	
West Virginia	32. 17	22. 41					20. 73					27. 58			17. 10	23. 23
Wisconsin	28. 88	24. 40	16. 48	20. 72			22. 59	19. 58				26. 09			30. 79	
Wyoming	17. 80	17. 81				20. 85			17. 01	18. 27		18. 08		15. 04		

See footnote at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 10.—LUMBER—AVERAGE VALUE PER M FEET, B. M., AT MILL, BY KINDS AND BY STATES: 1939—
Continued

STATE	HARDWOOD																	
	Total hard- wood	Alder	Ash	Bass- wood	Beech	Birch	Chest- nut	Cot- ton- wood	Elm	Hick- ory	Mag- nolia	Maple	Oak	Red gum	Syc- more	Tu- pelo	Wal- nut	Yel- low poplar
United States.....	\$27.66	\$24.63	\$34.33	\$31.94	\$22.03	\$33.11	\$21.94	\$21.41	\$24.54	\$26.75	\$27.26	\$32.51	\$26.32	\$23.28	\$22.26	\$22.09	\$63.18	\$26.98
Alabama.....	21.51		30.35	25.69	20.43			23.81	28.57	36.37	21.69	27.49	20.64	20.17	25.64	21.91	33.26	20.71
Arizona.....	25.46		29.35	24.88	20.96			23.82	18.87	40.71		23.08	26.63	23.66	18.95	20.96	47.06	24.22
California and Nevada ¹																		
Colorado.....																		
Connecticut.....	20.14		20.92	19.60						18.17		16.77	20.41					
Delaware.....	27.59												27.54	27.39				
Florida.....	39.46		40.64		20.68			23.02	22.07	26.04	27.15	24.68	32.52	24.30		24.01		28.87
Georgia.....	20.64		28.89		20.33	24.41		21.21	20.13	18.34	26.98	25.44	19.03	20.12	19.61	21.56		19.84
Idaho.....	33.80																	
Illinois.....	26.35		31.12	32.71		27.50		33.72	32.09	20.40		25.98	25.21	23.39	34.02		47.03	
Indiana.....	32.83		40.33	37.31	24.79	24.26	21.16	27.68	27.70	25.70		38.56	32.78	23.78	22.50	20.01	62.24	29.89
Iowa.....	27.49												23.78				69.48	
Kansas and Nebraska ¹	70.38												22.74				79.81	
Kentucky.....	27.61		33.60	31.29	18.57	19.70	28.77	24.88	19.41	20.31		37.25	26.71	17.77	19.21	20.91	54.81	27.81
Louisiana.....	28.72		28.73	26.82	23.30			28.46	20.52	30.24	27.73	21.82	26.35	24.72	21.69	20.97		27.85
Maine.....	33.90		21.42	27.05	24.83	34.34						40.26	28.58					
Maryland.....	21.50		28.08		15.56		21.15	24.75		15.60		20.35	22.96	16.57	12.86		28.12	23.40
Massachusetts.....	65.60		24.83	20.14	15.78	16.90						16.80	40.84					
Michigan.....	29.58		26.72	33.26	23.10	34.40		15.31	27.58	26.84		29.31	25.96				73.10	28.48
Minnesota.....	17.81		23.55	18.46		19.70		16.95	17.59			19.47	22.15					
Mississippi.....	24.39		29.77	27.58	21.18	20.73		22.62	18.89	26.41	29.12	23.76	26.23	22.52	20.43	20.60	60.59	26.12
Missouri.....	25.88		24.18			19.36		20.66	18.72	22.07		23.67	20.00	22.61	23.85	13.33	72.49	
Montana.....																		
New Hampshire.....	35.05		21.69	26.42	34.20	32.41						52.94	24.23					
New Jersey.....	63.46			25.00	21.00					23.33		27.14	40.77	25.00				
New Mexico.....																		
New York.....	35.05		54.12	29.07	24.67	37.30	25.28	25.09	25.87	34.33		36.78	33.70					31.11
North Carolina.....	24.84		31.14	29.29	19.94	29.07	21.38			32.87		30.25	24.67	25.98		22.57	25.88	27.96
Ohio.....	28.85		68.41	28.88	19.99	17.33	23.21	29.83	25.76	31.59		25.24	28.07	21.45	21.22		90.58	26.23
Oklahoma.....	25.61												29.52					
Oregon.....	25.40	26.32						22.08				31.67						
Pennsylvania.....	23.93		44.54	26.69	21.88	22.89	21.48		22.02	21.91		26.52	22.97	17.77	19.78	23.20	44.24	23.98
Rhode Island.....																		
South Carolina.....	23.83		26.40		18.49			25.12	21.02	23.47	20.96	32.51	21.13	24.39	23.84	21.56		23.70
South Dakota.....																		
Tennessee.....	28.11		36.41	29.34	18.09	34.91	22.44	22.10	22.66	24.71		31.50	27.81	25.40	24.22	25.22	49.91	31.59
Texas.....	23.48		37.69		19.00			15.17	19.76	30.78	26.90	24.70	23.68	23.93	21.91	21.85		
Utah.....	18.32							18.32										
Vermont.....	27.62		28.35	27.17	23.32	27.82		20.91	21.95			28.63	23.88					
Virginia.....	25.12		40.12	30.56	22.17	23.79	18.74		21.31	17.44		32.84	24.36	15.25	12.48	27.03	51.65	24.59
Washington.....	28.50	23.39	40.00			31.42		18.34				21.55						
West Virginia.....	33.67		46.93	32.96	25.15	43.48	23.43		21.55	23.10		44.34	32.00	22.16	26.36	22.85	46.48	35.18
Wisconsin.....	32.15		27.22	35.93	27.34	34.79		20.80	28.75			35.37	25.49					
Wyoming.....																		

¹ Combined to avoid disclosing data for individual mills.

SAWMILLS, VENEER MILLS, COOPERAGE-STOCK MILLS, ETC.

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TABLE 11.—LUMBER—PRODUCTION IN 1939, AND STOCKS ON HAND AT BEGINNING AND END OF YEARS 1939, 1938, AND 1929, BY STATES

STATE	PRODUCTION (M FEET, B. M.)		Percent which production of mills reporting stocks formed of total production	STOCKS ON HAND (M FEET, B. M.)					
	1939			1939		1938		1929	
	Total	By mills reporting stocks		Jan. 1	Dec. 31	Jan. 1	Dec. 31	Jan. 1	Dec. 31
United States.....	124,975,474	21,084,631	84.4	7,534,430	7,328,772	6,673,928	6,714,927	9,390,732	10,801,545
Alabama.....	1,412,222	930,618	66.5	310,654	281,115	128,523	137,132	295,005	397,022
Arizona.....	119,206	112,604	94.5	52,815	53,058	51,939	58,282	36,809	52,727
Arkansas.....	1,109,886	885,502	79.8	325,806	321,145	250,555	246,596	442,618	499,336
California and Nevada ¹	1,684,694	1,605,204	95.3	804,780	851,308	804,938	878,052	1,046,293	1,205,695
Colorado.....	83,914	66,022	78.7	16,708	15,736	22,856	31,747	10,335	10,958
Connecticut.....	17,248	8,634	50.1	1,016	931	722	737	6,665	7,732
Delaware.....	11,124	6,779	60.9	105	167	160	44	(²)	(²)
Florida.....	602,849	505,872	83.9	435,574	513,859	255,486	264,823	324,337	380,835
Georgia.....	907,169	614,605	67.7	110,075	118,792	51,828	51,286	186,999	236,687
Idaho.....	675,165	652,825	96.7	404,570	360,764	449,123	410,590	547,712	549,063
Illinois.....	27,211	19,521	71.7	6,380	6,130	2,446	2,447	13,553	11,724
Indiana.....	111,280	66,019	59.3	34,689	30,305	21,972	24,070	45,179	44,806
Iowa.....	5,164	2,863	55.4	455	490	2,237	1,953	(²)	(²)
Kansas and Nebraska ²	3,638	3,095	85.1	1,604	907	902	710	(²)	(²)
Kentucky.....	207,370	101,044	48.7	74,484	75,691	71,969	73,377	76,494	97,325
Louisiana.....	1,036,351	990,509	95.6	524,492	484,048	445,744	427,845	712,243	823,103
Maine.....	213,116	134,697	63.2	68,405	66,433	64,019	66,779	72,462	78,515
Maryland.....	51,438	30,492	59.3	5,251	5,972	2,541	2,174	4,810	5,038
Massachusetts.....	67,402	41,547	61.6	20,161	22,333	14,912	13,832	33,066	35,061
Michigan.....	333,234	278,381	83.5	215,429	189,885	203,492	212,390	304,212	322,359
Minnesota.....	111,218	57,053	51.3	40,194	30,589	87,881	75,601	268,736	303,035
Mississippi.....	1,200,700	784,581	65.3	335,495	315,700	279,912	289,928	530,511	612,689
Missouri.....	74,086	44,476	60.0	20,579	19,012	13,034	13,761	26,516	29,306
Montana.....	271,096	250,695	92.4	134,568	128,719	141,537	140,934	188,594	195,243
New Hampshire.....	186,926	123,899	66.3	47,336	69,157	45,077	47,559	53,150	62,664
New Jersey.....	14,067	10,431	74.2	13,192	12,402	20,599	20,797	(²)	(²)
New Mexico.....	106,227	88,265	83.1	40,311	26,386	25,406	27,323	46,662	45,820
New York.....	107,856	68,064	63.1	47,238	44,681	46,203	53,952	46,303	52,035
North Carolina.....	1,042,122	588,700	56.5	166,206	140,492	136,966	149,120	180,514	194,581
Ohio.....	110,545	53,654	48.5	17,302	15,697	11,478	11,000	17,333	20,530
Oklahoma.....	142,995	115,149	80.5	51,659	44,390	45,008	52,735	57,630	76,964
Oregon.....	4,764,802	4,696,080	98.6	988,583	951,154	975,584	974,668	845,696	1,094,427
Pennsylvania.....	185,684	126,100	67.9	57,410	51,221	43,178	55,187	63,770	75,958
Rhode Island.....	5,382	3,756	69.8	550	850	200	200	(²)	(²)
South Carolina.....	646,212	503,067	77.8	231,162	200,314	154,124	171,391	200,055	244,618
South Dakota.....	41,933	36,515	87.1	10,394	8,113	10,397	10,095	13,194	15,070
Tennessee.....	376,446	208,591	55.4	163,405	161,278	118,637	110,279	252,257	260,027
Texas.....	1,136,958	1,049,821	92.3	317,098	306,289	245,220	234,540	298,898	376,443
Utah.....	15,113	4,097	27.1	421	548	332	590	(²)	(²)
Vermont.....	105,983	76,890	72.5	37,882	34,061	24,316	26,313	23,330	30,900
Virginia.....	678,820	436,632	64.3	157,552	152,902	99,698	111,839	105,725	134,107
Washington.....	4,244,001	4,131,560	97.4	782,502	829,433	918,065	816,587	1,291,983	1,444,289
West Virginia.....	324,484	257,400	79.3	173,043	165,688	133,355	134,939	205,908	277,504
Wisconsin.....	336,797	248,298	73.7	262,874	192,736	229,957	251,652	426,224	463,543
Wyoming.....	65,340	55,004	84.2	23,961	27,891	23,400	28,365	(²)	(²)
Other States.....	(³)	(³)	-----	(³)	(³)	(³)	(³)	28,951	33,806

¹ Does not include the production of lumber shown in footnote 1, table 17.² Combined to avoid disclosing data for individual establishments.³ Included in "Other States."⁴ Detail shown for all States, except those combined above, for years 1939 and 1938.

CENSUS OF MANUFACTURES: 1939

TABLE 12.—LUMBER—PRODUCTION DURING YEAR AND STOCKS ON HAND JAN. 1 AND DEC. 31 (SOFTWOOD AND HARDWOOD), BY STATES: 1939

(Does not include data for sawmills shown in footnote 1, table 17)

STATE	Aggregate cut (M feet, b. m.)	CUT OF MILLS REPORTING STOCKS		AGGREGATE STOCKS REPORTING BY ACTIVE MILLS (M FEET, B. M.)		SOFTWOOD						HARDWOOD					
		M feet, b. m.	Percent of aggregate	Jan. 1	Dec. 31	Total cut	Cut of mills reporting stocks		Stocks on hand (M feet, b. m.)		Total cut	Cut of mills reporting stocks		Stocks on hand (M feet, b. m.)		Total cut	Percent of total
							M feet, b. m.	Percent of total	Jan. 1	Dec. 31		M feet, b. m.	Percent of total	Jan. 1	Dec. 31		
United States	24,075,474	21,084,631	84.4	7,534,430	7,328,772	21,242,394	18,307,243	86.2	5,460,026	5,446,794	3,733,080	2,777,388	74.4	2,074,404	1,881,078		
Alabama	1,412,222	939,618	66.5	310,654	281,115	1,237,486	809,438	65.4	209,694	200,943	174,736	130,180	74.5	100,960	80,172		
Arizona	119,206	112,604	94.5	52,815	53,058	119,206	112,604	94.5	52,815	53,058							
Arkansas	1,109,886	885,502	79.8	325,806	321,145	863,471	661,460	76.6	166,074	177,294	246,415	224,042	90.9	159,732	148,851		
California and Nevada	1,684,694	1,605,204	95.3	804,780	851,308	1,684,694	1,605,204	95.3	804,780	851,308							
Colorado	83,014	69,022	78.7	16,708	15,736	83,864	66,022	78.7	16,708	15,736	50						
Connecticut	17,248	8,634	50.1	1,076	931	11,044	4,419	40.0	475	387	6,204	4,215	67.9	601	544		
Delaware	11,124	6,779	60.9	105	167	9,194	5,563	60.5	76	129	1,930	1,216	63.0	29	38		
Florida	602,849	505,872	83.9	435,574	513,859	549,930	462,144	84.0	349,590	428,363	52,919	43,728	82.6	85,084	85,496		
Georgia	907,169	614,905	67.7	110,075	118,792	803,406	537,685	66.9	66,739	72,219	103,763	76,920	74.1	43,336	46,673		
Idaho	676,165	652,825	96.7	404,570	360,764	675,088	652,825	96.7	404,570	360,764	77						
Illinois	27,211	19,521	71.7	6,380	6,130	440	310	70.5	1,193	1,056	26,771	19,211	71.8	5,187	5,074		
Indiana	111,280	66,019	59.3	34,689	30,805	115	47	40.9	51	66	111,165	65,972	59.3	34,638	30,230		
Iowa	5,164	2,893	55.4	455	490						5,164	2,893	55.4	455	490		
Kansas and Nebraska	3,638	3,095	85.1	1,604	907						3,638	3,095	85.1	1,604	907		
Kentucky	207,370	101,044	48.7	74,484	75,691	32,429	17,248	53.2	11,808	11,133	174,941	83,796	47.9	62,676	64,558		
Louisiana	1,036,351	990,509	95.6	524,492	484,048	687,709	653,553	95.0	231,218	222,022	348,642	336,956	96.6	293,274	262,026		
Maine	213,116	134,697	63.2	63,405	66,433	184,314	118,670	64.4	62,266	61,147	28,802	16,027	55.6	6,139	5,286		
Maryland	51,438	30,492	59.3	5,251	5,972	31,755	14,800	46.6	1,422	2,314	19,683	15,692	79.7	3,829	3,653		
Massachusetts	67,402	41,547	61.6	20,161	22,333	56,766	36,467	64.2	17,158	19,208	10,636	5,080	47.8	3,003	3,125		
Michigan	333,234	278,381	83.5	215,429	189,885	118,984	101,316	85.2	71,049	61,196	214,250	177,065	82.6	144,380	128,680		
Minnesota	111,218	57,053	51.3	40,194	30,589	69,330	32,129	46.3	27,426	13,612	41,888	24,924	59.5	12,768	16,977		
Mississippi	1,200,700	784,581	65.3	335,495	315,700	928,228	562,649	60.6	146,381	148,711	272,472	221,932	81.5	189,114	166,680		
Missouri	74,086	44,476	60.0	20,579	19,012	18,814	12,471	66.3	3,972	2,831	55,272	32,005	57.9	16,607	16,181		
Montana	271,096	250,595	92.4	134,568	128,719	270,951	250,579	92.5	134,538	128,699	145	16	11.0	30	20		
New Hampshire	186,926	123,899	66.3	47,336	69,157	164,678	109,557	66.5	31,526	53,800	22,248	14,342	64.5	15,810	15,357		
New Jersey	14,067	10,431	74.2	13,192	12,402	1,551	798	51.5	1,015	1,017	12,616	9,633	77.0	12,177	11,385		
New Mexico	106,227	88,265	83.1	40,311	26,386	106,227	88,265	83.1	40,311	26,386							
New York	107,856	68,064	63.1	47,238	44,681	88,103	21,519	24.3	15,622	18,095	69,755	46,545	66.7	31,616	26,586		
North Carolina	1,042,122	588,760	56.5	166,206	140,492	842,990	471,962	56.0	106,381	91,186	199,132	116,798	58.7	59,825	49,306		
Ohio	110,545	53,654	48.5	17,302	15,697	926	261	28.2	137	148	109,619	53,393	48.7	17,165	15,540		
Oklahoma	142,995	115,149	80.5	51,659	44,390	128,050	104,256	81.4	39,902	32,841	14,945	10,893	72.9	11,757	11,540		
Oregon	4,764,802	4,606,080	96.6	988,583	951,154	4,746,446	4,677,980	98.6	984,662	933,998	18,356	18,100	98.6	3,921	17,166		
Pennsylvania	185,684	126,160	67.9	57,410	51,221	60,143	45,889	76.3	26,086	24,575	125,541	80,271	63.9	31,324	26,046		
Rhode Island	5,382	3,756	69.8	550	850	4,996	3,470	69.5	390	620	386	286	74.1	160	230		
South Carolina	646,212	508,067	77.8	231,162	200,314	492,331	361,718	73.5	104,032	108,135	153,881	141,349	91.9	127,130	92,170		
South Dakota	41,933	36,515	87.1	10,394	8,113	41,933	36,515	87.1	10,394	8,113							
Tennessee	376,446	208,591	55.4	163,405	161,278	129,647	55,731	43.0	28,578	26,220	246,799	152,860	61.9	134,827	135,058		
Texas	1,136,958	1,049,821	92.3	317,068	306,289	1,018,511	945,307	92.8	221,113	224,678	118,447	104,514	88.2	95,985	81,611		
Utah	15,113	4,097	27.1	421	548	14,987	4,097	27.3			126						
Vermont	105,983	76,890	72.5	37,882	34,061	62,328	43,577	69.9	25,680	21,473	43,655	33,313	76.3	12,202	12,588		
Virginia	678,820	436,632	64.3	157,552	152,902	477,236	309,723	64.9	82,596	81,035	201,584	126,909	63.0	74,956	71,807		
Washington	4,244,001	4,131,560	97.4	782,502	829,433	4,223,723	4,113,851	97.4	780,342	827,991	20,278	17,709	87.3	2,160	1,442		
West Virginia	324,484	257,400	79.3	173,043	165,688	43,208	37,723	87.3	17,276	19,893	281,276	219,677	78.1	155,787	145,705		
Wisconsin	336,797	248,298	73.7	262,874	192,736	141,843	102,437	72.2	139,598	85,955	194,954	145,861	74.8	123,276	100,781		
Wyoming	65,340	55,004	84.2	23,961	27,891	65,319	55,004	84.2	23,961	27,891	21						

1 Combined to avoid disclosing data for individual establishments.

SAWMILLS, VENEER MILLS, COOPERAGE-STOCK MILLS, ETC.

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TABLE 13.—LATH—PRODUCTION, FOR SPECIFIED YEARS, FOR THE UNITED STATES: 1869 TO 1939

YEAR	Quantity (thousands)	Average value per thousand	YEAR	Quantity (thousands)	Average value per thousand
1939	562,207	\$3.41	1919	1,724,078	\$4.81
1938	583,777	(1)	1918	1,862,187	(1)
1937	839,085	3.43	1917	2,281,738	(1)
1936	810,909	(1)	1916	2,754,683	(1)
1935	620,038	3.33	1915	2,745,134	(1)
1934	416,308	(1)	1912	2,719,163	(1)
1933	408,192	2.54	1911	2,971,110	2.61
1932	406,089	(1)	1910	3,404,718	2.31
1931	614,250	2.65	1909	3,703,195	2.69
1930	1,097,255	(1)	1908	2,986,684	2.27
1929	1,705,858	3.46	1907	3,663,602	2.82
1928	1,903,887	(1)	1906	3,812,807	3.01
1927	2,372,333	3.40	1905	3,111,157	(1)
1926	3,083,130	(1)	1904	2,647,847	2.05
1925	3,161,137	4.28	1899	2,523,998	1.86
1924	2,961,200	(1)	1889	2,263,308	1.56
1923	3,328,013	4.56	1879	1,761,788	(1)
1922	2,940,714	(1)	1869	1,295,091	(1)
1921	1,970,696	4.37			
1920	1,962,983	(1)			

(1) No data.

TABLE 14.—LATH—PRODUCTION, FOR PRINCIPAL STATES: 1939

STATE	Number of active mills reporting	Quantity (thousands)	STATE	Number of active mills reporting	Quantity (thousands)
United States	245	562,207	Montana	4	12,530
Washington	38	164,100	Alabama	6	10,921
Oregon	37	139,908	Arkansas	5	9,641
Idaho	12	37,375	Minnesota	6	8,849
Florida	13	36,052	Maine	9	8,277
Texas	7	25,582	Virginia	4	7,521
Louisiana	8	22,552	Wisconsin	14	7,364
California	11	19,067	West Virginia	8	6,664
Mississippi	5	13,433	Other States ¹	58	32,371

¹ See table 17.

TABLE 15.—SHINGLES—PRODUCTION, FOR SPECIFIED YEARS, FOR THE UNITED STATES: 1869 TO 1939

YEAR	Quantity (squares)	Average value per square	YEAR	Quantity (squares)	Average value per square
1939	6,500,242	\$2.56	1920	7,695,520	(1)
1938	6,319,236	(1)	1919	11,490,880	\$3.35
1937	5,849,792	2.57	1918	7,112,728	(1)
1936	5,901,692	(1)	1917	10,870,641	(1)
1935	4,416,709	2.35	1916	11,714,166	(1)
1934	3,477,063	(1)	1915	10,574,222	(1)
1933	3,662,250	1.90	1912	15,047,106	(1)
1932	2,639,125	(1)	1911	15,142,334	1.66
1931	3,392,465	1.47	1910	16,220,452	1.60
1930	4,955,138	(1)	1909	18,634,214	1.62
1929	7,638,340	2.36	1908	15,133,104	1.60
1928	7,004,612	(1)	1907	14,780,594	2.04
1927	8,054,835	2.02	1906	14,822,825	1.63
1926	7,510,432	(1)	1905	19,176,136	(1)
1925	9,155,084	2.38	1904	18,165,189	1.32
1924	8,577,981	(1)	1899	15,127,521	1.25
1923	9,353,586	2.54	1889	11,594,674	1.47
1922	10,164,052	(1)	1879	6,943,808	(1)
1921	8,553,984	2.27	1869	4,081,895	(1)

(1) No data.

² Revised for 1932 and prior years to show conversion to squares of shingles reported in thousands. Converted on basis of 800 shingles to the square.

TABLE 16.—SHINGLES—PRODUCTION, FOR PRINCIPAL STATES: 1939

STATE	Number of active mills reporting	Quantity (squares)	STATE	Number of active mills reporting	Quantity (squares)
United States	444	6,500,242	North Carolina	9	25,778
Washington	231	5,405,546	Wisconsin	10	22,437
Oregon	78	764,873	South Carolina	5	17,308
California	23	118,881	Arkansas	3	17,246
Maine	25	48,029	Florida	8	14,092
Idaho	11	36,893	Montana	6	9,856
			Other States ¹	35	19,303

¹ See table 17.

TABLE 17.—LUMBER, LATH, AND SHINGLES—PRODUCTION OF LUMBER, BY KIND OF WOOD AND BY STATES, AND OF LATH AND SHINGLES, BY STATES: 1939

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual mills. No lumber production was reported for North Dakota]

STATE	Number of active mills reporting ¹	Aggregate lumber sawed (M feet, b. m.) ¹	SOFTWOOD LUMBER SAWED (M FEET, B. M.)														
			Total ¹	Balsam fir	Cedar	Cypress	Douglas fir	Hemlock	Larch	Lodgepole pine	Ponderosa pine	Redwood	Spruce	Sugar pine	White fir	White pine	Yellow pine
United States.	² 16,935	24,975,474	21,242,394	20,002	263,700	421,584	6,494,301	665,259	111,488	54,803	3,360,004	345,003	346,159	308,929	97,712	1,004,262	7,749,188
Alabama	1,573	1,412,222	1,237,486		2,464	8,514											1,226,508
Arizona	42	119,206	119,206				2,675				116,421				110		
Arkansas	690	1,109,886	863,471		181	25,239											838,051
California and Nevada ³	234	1,684,694	1,684,694		35,149		169,190			10	838,382	344,303	3,865	250,686	43,109		
Colorado	204	83,914	83,864		26		4,636			17,881	39,060		20,893		1,357	11	
Connecticut	36	17,248	11,044		5			1,514					25			9,416	
Delaware	32	11,124	9,194			13											9,181
Florida	256	602,849	549,930		366	137,792											411,772
Georgia	1,083	907,169	803,406		64	22,108		206								2,183	778,845
Idaho	201	675,165	675,088		6,241		52,739	1,979	24,224	2,020	200,327		5,993		16,025	365,540	
Illinois	94	27,211	440		55	385											
Indiana	297	111,280	115		20											95	
Iowa	15	5,164															
Kansas and Nebraska ⁴	6	3,638															
Kentucky	636	207,370	32,429		2,810	1,544		4,248								2,335	21,492
Louisiana	250	1,036,351	687,709		90	74,407											613,212
Maine	317	213,116	184,314	9,227	2,306			25,166					42,885			104,705	25
Maryland	108	51,438	31,755			50		575									30,310
Massachusetts	90	67,402	56,766		46			3,270					584			52,866	
Michigan	261	333,234	118,984	331	938			94,951	224				2,504			20,036	
Minnesota	326	111,218	69,330	1,760	2,880				1,041				2,175			61,474	
Mississippi	1,277	1,200,700	928,228		2	32,249											895,977
Missouri	185	74,086	18,814		76	5,780											12,958
Montana	172	271,096	270,951		103		39,240		63,738	2,202	130,060		5,447		222	29,939	
New Hampshire	175	186,926	164,678	1,119				12,944	35				13,175			137,405	
New Jersey	38	14,067	1,551		223			227								303	798
New Mexico	98	106,227	106,227				18,012										
New York	226	107,856	38,103	304	37			19,425	32		82,739		621		4,855	15,782	590
North Carolina	1,879	1,042,122	842,990	1	4,629	30,543		4,909					1,933			10,890	701,473
Ohio	355	110,545	926		15			181					545			540	181
Oklahoma	86	142,995	128,050			428											127,622
Oregon	594	4,764,802	4,746,446		75,801		2,918,596	57,461	802	2,139	1,529,459	700	74,941	58,243	22,507	5,797	
Pennsylvania	395	185,684	60,143					44,121					57			15,249	716
Rhode Island	7	5,382	4,996					100								4,896	
South Carolina	590	646,212	492,331		67	53,101		95								75	438,993
South Dakota	38	41,933	41,933								41,933						
Tennessee	717	376,446	129,647		3,747	8,077		9,032								9,906	98,885
Texas	428	1,136,958	1,018,511		1,499	6,080											1,010,932
Utah	90	15,113	14,987		1		3,076			2,952	4,258		3,982		718		
Vermont	190	105,983	62,328	6,871	28			10,259					26,576			18,594	
Virginia	1,068	678,820	477,236		3,909	15,274		8,698					2,720			10,567	436,068
Washington	611	4,244,001	4,223,723		119,042		3,283,181	235,019	19,872		348,513		120,691		8,164	89,251	
West Virginia	407	324,484	43,208		14			24,429					10,787			3,463	4,515
Wisconsin	429	336,797	141,843	389	866			106,450	1,520				525			32,093	
Wyoming	129	65,340	65,319				2,956			27,599	28,852		5,235		665	22	

See footnotes at end of table.

TABLE 17.—LUMBER, LATH, AND SHINGLES—PRODUCTION OF LUMBER, BY KIND OF WOOD AND BY STATES, AND OF LATH AND SHINGLES, BY STATES: 1939—Continued

STATE	Total ¹	HARDWOOD LUMBER SAWED (M FEET, B. M.)																		Lath (thous- ands)	Shingles ² (squares)
		Alder	Ash	Bass- wood	Beech	Birch	Chest- nut	Cotton- wood	Elm	Hick- ory	Mag- nolia	Maple	Oak	Red gum	Syc- amore	Tupelo	Wal- nut	Yellow poplar	All other		
United States.....	3,733,080	21,016	90,428	95,706	119,564	140,738	74,051	129,858	73,645	37,759	20,246	445,163	1,432,119	382,693	27,104	271,486	27,007	276,383	68,114	562,207	6,500,242
Alabama.....	174,736		2,121	1,268	2,177	764	10	3,993	1,013	1,761	1,437	1,868	67,122	27,126	4,996	21,085	209	36,974	812	10,921	2,425
Arizona.....																				3,525	
Arkansas.....	246,415		3,000	503	1,124	73		12,287	4,177	3,221		5,031	146,537	47,385	1,568	17,278	353	211	3,667	9,641	17,246
California and Nevada ³																				19,067	118,881
Colorado.....	50							47									3			1,542	
Connecticut.....	6,204		77	55	175	99						283	5,159					153			
Delaware.....	1,930		3		5					2		31	1,643		184		10	50			
Florida.....	52,919		7,117	802	155			217	210	863	4,812	1,577	3,290		11,379		13,557	2,137	6,802	36,052	14,092
Georgia.....	103,763		2,719	25	61	34		398	534	620		6,439	27,164		22,142		19,320	25	22,632	1,091	3,323
Idaho.....	77		4					73												37,375	36,893
Illinois.....	26,771		239	88	100	38	16	1,092	993	1,086		5,041	16,963	204	299	274	196	81	61		
Indiana.....	111,165		2,039	2,726	14,479	530	258	2,543	4,162	2,237		19,765	49,420	1,248	2,439	540	3,242	5,202	335		
Iowa.....	5,164		20	124		1		780	110	12		500	3,262				204		1		
Kansas and Ne- braska ⁴	3,638		17					306	122			10	53			28					
Kentucky.....	174,941		3,012	5,981	9,047	514	2,072	702	943	3,423		10,499	100,566	5,545	919	794	3,435	25,813	1,076	2,312	
Louisiana.....	348,642		12,322	146	3,530	799		11,869	9,761	2,017	5,671	1,509	127,656	94,548	2,777	52,462	27	3,425	20,126	22,552	5,907
Maine.....	28,802		1,235	419	664	20,037		136	49			4,383	1,879							8,277	48,029
Maryland.....	19,683		1,620	644	851	257	824	200	60	674		2,255	7,379	2,329	392	27	8	2,153	10	30	
Massachusetts.....	10,636		120	60	1,363	1,378		14	1	5		1,565	1,863					10	4,257	5	
Michigan.....	214,250		3,376	15,173	11,758	30,041	15	3,760	11,252	191		128,293	9,847			13	99	224	218	4,595	2,436
Minnesota.....	41,888		1,302	2,898		3,017		28,755	3,003	2		821	2,049				34	7	8,849	300	
Mississippi.....	272,472		5,554	600	6,310	103	9	23,547	8,312	4,096	4,081	3,417	101,183	47,538	4,878	33,607	75	22,556	11,606	13,433	
Missouri.....	55,272		241	19	46	55		8,089	1,778	263		1,977	33,079	1,341	1,576	606	5,796	88	318		
Montana.....	145					15		130												12,530	9,856
New Hampshire.....	22,248		467	256	1,002	12,903		25	4	50		4,331	3,208						2	81	60
New Jersey.....	12,516		17	151	101	2	2		41	65		38	7,985	259		25	180	41	121	3,488	1,790
New Mexico.....																				5,216	
New York.....	69,753		4,097	5,280	8,556	10,732	191	748	1,067	177		30,383	7,192				50	81	1,199	285	
North Carolina.....	199,132		2,016	3,284	714	1,500	28,476	232	10	1,804		10,769	80,469	8,202	48	33,664	824	26,066	904	1,422	25,778
Ohio.....	109,619		3,208	1,674	13,509	601	3,395	517	7,478	2,717		16,065	51,402	553	1,133	45	2,561	4,573	188		
Oklahoma.....	14,945		337	26		32		281	400	101		444	8,823	3,569	520	356	3		53	1,880	
Oregon.....	18,366	8,902	171					7,185				2,067	81							139,908	764,873
Pennsylvania.....	125,541		3,048	3,381	14,377	2,379	3,451	29	1,225	2,371		18,885	69,441	1,128	57	75	103	3,183	2,408	763	100
Rhode Island.....	386																				
South Carolina.....	153,881		14,564		74	25		1,840	423	143	27	8,284	19,105	65,160	1,061	35,681	9	6,135	1,350	4,029	17,308
South Dakota.....																				30	1,550
Tennessee.....	246,799		4,375	3,561	11,400	349	3,893	4,372	3,049	2,569		10,563	142,289	10,440	2,399	5,603	2,575	37,303	1,969	398	
Texas.....	118,447		2,724	51	753			5,488	745	336	3,492	296	61,177	26,495	449	16,305	46		25,582	1,200	
Utah.....	126							125												22	9
Vermont.....	43,655		485	2,423	3,415	11,539		216	110	7		23,366	1,882						162	10	100
Virginia.....	201,584		1,875	4,025	2,730	775	11,229	415	49	1,235		10,453	101,602	5,405	416	19,325	1,299	39,840	851	7,521	63
Washington.....	20,278	12,114	89			229		1,023				3,742	63						3,018	104,100	5,405,546
West Virginia.....	281,276		3,954	17,472	10,727	3,964	19,610	42	299	5,512		40,475	135,240	513	205	542	2,578	37,342	2,801	6,604	
Wisconsin.....	194,954		2,803	22,591	361	37,906		8,367	17,184	50		69,678	35,620						316	7,364	22,437
Wyoming.....	21							21												5,011	60

¹ In addition, lumber was sawed by New England mills from timber salvaged from the hurricane of 1938 and sold to the Northeastern Timber Salvage Administration, as follows:

Kind of wood (M feet, b. m.)	Connecti- cut	Maine	Massachu- setts	New Hampshire	Rhode Island	Vermont
Softwoods, total.....	5,773	1,338	56,152	78,839	5,310	17,893
Pine.....	5,596	917	54,251	70,522	5,258	17,380
Other.....	177	421	1,901	8,317	52	513
Hardwoods, total.....	1,788		2,002	453	1,176	2,186

² See footnote 1, table 7.

³ Combined to avoid disclosing data reported by individual establishments.

⁴ Includes figures for shakes.

CENSUS OF MANUFACTURES: 1939

TABLE 18.—VENEERS—WOOD CONSUMED IN MANUFACTURE, FOR SPECIFIED YEARS, FOR THE UNITED STATES: 1905 TO 1939

YEAR	Quantity (M feet, log scale)	YEAR	Quantity (M feet, log scale)
1939.....	1, 193, 979	1921.....	400, 388
1937.....	1, 113, 652	1919.....	576, 581
1935.....	823, 881	1911.....	444, 886
1933.....	700, 234	1910.....	477, 479
1931.....	696, 350	1909.....	435, 981
1929.....	1, 112, 910	1908.....	382, 542
1927.....	961, 561	1907.....	384, 523
1925.....	734, 599	1906.....	329, 186
1923.....	645, 793	1905.....	181, 146

1 Compiled by the Forest Service, U. S. Department of Agriculture.

TABLE 19.—VENEERS—WOOD CONSUMED IN MANUFACTURE, BY STATES: 1939, 1937, 1935, AND 1929

STATE	QUANTITY (M FEET, LOG SCALE)			
	1939	1937	1935	1929
United States.....	1, 193, 979	1, 113, 652	823, 881	1, 112, 910
Alabama.....	39, 507	35, 254	25, 151	43, 221
Arkansas.....	27, 565	34, 296	27, 325	63, 363
California.....	39, 473	39, 635	26, 832	28, 698
Delaware.....	6, 061	5, 955	5, 009	(1)
Florida.....	90, 835	93, 032	62, 667	96, 199
Georgia.....	57, 217	59, 089	38, 216	40, 388
Illinois.....	8, 288	8, 889	7, 783	15, 821
Indiana.....	17, 339	26, 053	22, 171	30, 779
Kentucky.....	18, 198	17, 155	11, 111	21, 437
Louisiana.....	32, 899	27, 907	24, 596	47, 617
Maine.....	8, 426	(1)	7, 167	(1)
Maryland.....	2, 804	3, 447	4, 405	5, 092
Michigan.....	14, 550	13, 124	14, 657	20, 434
Mississippi.....	68, 537	72, 526	49, 667	75, 427
Missouri.....	8, 298	9, 857	6, 479	16, 602
New Jersey.....	7, 928	8, 895	6, 932	5, 635
New York.....	20, 387	20, 401	14, 858	37, 377
North Carolina.....	87, 659	74, 722	66, 116	96, 417
Ohio.....	6, 660	9, 753	6, 470	11, 546
Oregon.....	75, 668	53, 943	41, 510	55, 644
Pennsylvania.....	2, 330	1, 961	2, 014	7, 081
South Carolina.....	52, 051	50, 464	46, 179	48, 960
Tennessee.....	15, 727	24, 399	14, 643	24, 710
Texas.....	31, 709	30, 452	19, 100	32, 488
Vermont.....	18, 970	18, 243	11, 386	19, 056
Virginia.....	33, 908	38, 974	32, 309	24, 688
Washington.....	369, 612	289, 943	201, 477	181, 628
West Virginia.....	2, 972	4, 048	2, 750	4, 264
Wisconsin.....	28, 266	33, 317	19, 229	35, 724
Other States 2.....	6, 075	8, 518	5, 672	19, 416

1 Included in figure for "Other States."

2 For 1939: Colorado, Idaho, Iowa, Kansas, Massachusetts, Minnesota, New Hampshire, Oklahoma, Rhode Island, and South Dakota. For 1937: Colorado, Connecticut, Idaho, Iowa, Kansas, Maine, Massachusetts, Minnesota, New Hampshire, and Oklahoma. For 1935: Colorado, Iowa, Kansas, Massachusetts, Minnesota, Nebraska, New Hampshire, Oklahoma, and South Dakota. For 1929: Colorado, Delaware, Iowa, Kansas, Maine, Massachusetts, Minnesota, Nebraska, and New Hampshire.

TABLE 20.—VENEERS—WOOD CONSUMED IN MANUFACTURE, BY KINDS, FOR THE UNITED STATES: 1939, 1937, 1935, AND 1929

KIND OF WOOD	QUANTITY (M FEET, LOG SCALE)			
	1939	1937	1935	1929
Aggregate.....	1, 193, 979	1, 113, 652	823, 881	1, 112, 910
Softwood, domestic, total.....	543, 504	459, 476	340, 468	393, 622
Douglas fir.....	382, 817	306, 299	201, 248	162, 415
Ponderosa pine.....	36, 193	20, 471	13, 100	22, 717
Spruce.....	48, 994	45, 302	45, 407	35, 198
Yellow pine.....	51, 505	76, 204	71, 152	119, 785
Other.....	23, 995	8, 200	9, 498	50, 507

TABLE 20.—VENEERS—WOOD CONSUMED IN MANUFACTURE, BY KINDS, FOR THE UNITED STATES: 1939, 1937, 1935, AND 1929—Continued

KIND OF WOOD	QUANTITY (M FEET, LOG SCALE)			
	1939	1937	1935	1929
Hardwood, total.....	650, 475	648, 544	478, 240	708, 560
Domestic, total.....	637, 670	637, 192	472, 501	688, 924
Birch.....	34, 012	32, 229	23, 859	47, 715
Cottonwood.....	52, 738	54, 081	38, 851	51, 742
Maple.....	33, 187	39, 039	26, 260	35, 617
Red gum.....	222, 162	213, 654	221, 756	285, 035
Tupelo.....	156, 426	170, 438	64, 514	88, 123
Walnut.....	11, 880	16, 514	10, 293	26, 893
Yellow poplar.....	59, 071	52, 040	36, 088	71, 989
Other.....	68, 194	59, 197	50, 880	81, 810
Imported, total.....	12, 805	11, 352	5, 739	17, 660
Mahogany.....	6, 207	5, 105	2, 903	3, 741
Other.....	6, 598	6, 247	2, 836	13, 925
Wood not specified.....		5, 632	5, 173	12, 698

TABLE 21.—VENEERS—WOOD CONSUMED, BY KIND, AND VENEERS PRODUCED, FOR THE UNITED STATES, 1939

KIND OF WOOD	Total quantity of logs used (M feet, log scale)	LOGS USED AND VENEERS PRODUCED—BOTH ITEMS REPORTED				LOGS USED—VENEER PRODUCTION NOT REPORTED (M FEET, LOG SCALE)	
		Logs used (M feet, log scale)		Veneers produced (M squarefeet)		For face veneer	For utility (or other than face) veneer
		For face veneer	For utility (or other than face) veneer	Face	Utility (or other than face)		
Aggregate.....	1, 193, 979	46, 397	593, 636	671, 800	4, 767, 046	20, 612	533, 334
Softwood, domestic, total.....	543, 504	911	378, 213	7, 847	2, 713, 789	150	104, 230
Douglas fir.....	382, 817	366	308, 959	3, 243	2, 299, 876	-----	73, 492
Ponderosa pine.....	36, 193	-----	33, 632	-----	218, 523	-----	2, 561
Spruce.....	48, 994	2	21, 251	41	84, 113	3	27, 738
Yellow pine.....	51, 505	-----	5, 723	-----	36, 531	113	45, 669
Other.....	23, 995	543	8, 648	4, 563	74, 746	34	14, 770
Hardwood, total.....	650, 475	45, 486	215, 423	663, 953	2, 053, 257	20, 462	369, 104
Domestic, total.....	637, 670	35, 413	214, 118	466, 968	2, 046, 090	19, 239	368, 900
Birch.....	34, 012	4, 614	22, 982	35, 223	193, 925	2, 716	3, 700
Cottonwood.....	52, 738	453	25, 042	3, 482	339, 585	165	27, 078
Maple.....	33, 187	2, 670	16, 267	21, 431	190, 209	2, 271	11, 970
Red gum.....	222, 162	5, 091	69, 776	62, 055	563, 384	7, 311	139, 984
Tupelo.....	156, 426	3, 071	28, 564	30, 130	241, 763	2, 140	122, 651
Walnut.....	11, 880	10, 852	577	233, 342	5, 774	451	-----
Yellow poplar.....	59, 071	1, 392	28, 992	14, 207	279, 401	1, 815	26, 872
Other.....	68, 194	7, 270	21, 918	67, 098	232, 049	2, 370	36, 030
Imported, total.....	12, 805	10, 073	1, 305	196, 985	7, 167	1, 223	204
Mahogany.....	6, 207	5, 042	348	101, 416	1, 795	817	-----
Other.....	6, 598	5, 031	957	95, 569	5, 372	406	204

TABLE 22.—TIGHT STAVES AND HEADING—PRODUCTION, FOR SPECIFIED YEARS, FOR THE UNITED STATES: 1905 TO 1939

YEAR	Staves (thousands)	Heading (thousand sets)	YEAR	Staves (thousands)	Heading (thousand sets)
1939.....	182, 431	14, 277	1919.....	353, 825	24, 274
1937.....	205, 286	13, 377	1918.....	286, 401	20, 711
1935.....	221, 619	15, 259	1911.....	357, 198	30, 810
1933.....	154, 575	13, 031	1910.....	355, 660	26, 074
1931.....	204, 624	20, 090	1909.....	379, 231	20, 601
1929.....	357, 353	30, 329	1908.....	345, 280	20, 515
1927.....	324, 127	26, 445	1907.....	385, 232	27, 093
1925.....	240, 023	23, 052	1906.....	267, 827	17, 774
1923.....	222, 507	19, 342	1905 1.....	241, 193	12, 059
1921.....	255, 047	20, 505			

1 Compiled by the Forest Service, U. S. Department of Agriculture.

TABLE 23.—TIGHT STAVES—PRODUCTION (THOUSANDS), BY CLASS, FOR THE UNITED STATES: 1939, 1937, 1935, AND 1929

CLASS	1939	1937	1935	1929
Aggregate.....	182,431	205,286	221,619	357,353
Whisky, spirit, and wine.....	48,724	65,629	60,887	16,292
Oil, tierce, and pork.....	60,274	76,915	83,503	185,801
Beer and ale.....	1,956	2,615	3,467	(¹)
Other and not specified.....	² 71,477	60,127	73,762	155,260

¹ Not called for on schedule.² Reported as "Other" but probably includes some production not segregated by class.

TABLE 24.—TIGHT STAVES—PRODUCTION (THOUSANDS), BY CLASS AND BY STATES: 1939

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual establishments, and for the remaining States in groups]

STATE	Total	Whisky, spirit, and wine	Oil, tierce, and pork	Beer and ale	Other ¹
United States.....	182,431	48,724	60,274	1,956	71,477
Individual States:					
Arkansas.....	36,176	9,754	22,862	1,736	1,824
Kentucky.....	7,719	6,489	1,230	—	—
Louisiana.....	14,612	586	13,155	—	871
Massachusetts.....	27,700	—	—	27,700	—
Mississippi.....	5,559	998	4,166	—	395
Missouri.....	17,305	11,953	5,352	—	—
New Hampshire.....	19,310	—	—	—	19,310
Tennessee.....	17,326	12,876	3,972	—	478
Groups of States:					
Calif., Oreg., and Wash.....	20,929	—	4,880	—	16,049
Colo. and Tex.....	1,790	936	683	—	171
Ill., Ind., Iowa, Kans., and Minn.....	5,784	1,497	1,820	—	2,467
Ala., Fla., and Ga.....	4,646	716	1,498	220	2,212
N. C., Va., and W. Va.....	3,575	2,919	656	—	—

¹ See footnote 2, table 23.

TABLE 25.—TIGHT STAVES—PRODUCTION (THOUSANDS), BY CLASS AND BY KIND OF WOOD, FOR THE UNITED STATES: 1939

CLASS	Total	Oak	Pine	Douglas fir	Red gum	Spruce	Other
United States.....	182,431	90,451	46,637	19,573	13,017	2,977	9,776
Whisky, spirit, and wine.....	48,724	46,758	236	—	100	—	1,630
Oil, tierce, and pork.....	60,274	40,239	—	4,878	10,157	2	4,998
Beer and ale.....	1,956	1,298	—	—	658	—	—
Other ¹	71,477	2,156	46,401	14,695	2,102	2,975	3,148

¹ See footnote 2, table 23.

TABLE 26.—TIGHT HEADING—PRODUCTION (THOUSANDS OF SETS), BY CLASS, FOR THE UNITED STATES: 1939, 1937, 1935, AND 1929

CLASS	1939	1937	1935	1929
Aggregate.....	14,277	13,377	15,259	30,329
Whisky, spirit, and wine.....	1,991	2,910	4,371	1,381
Oil, tierce, and pork.....	4,520	4,241	4,865	21,195
Beer and ale.....	124	418	145	(¹)
Other, and not specified.....	² 7,642	5,808	5,878	7,753

¹ Not called for on schedule.² Reported as "Other" but probably includes some production not segregated by class.

TABLE 27.—TIGHT HEADING—PRODUCTION (THOUSANDS OF SETS), BY CLASS AND BY STATES: 1939

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual establishments, and for the remaining States in groups]

STATE	Total	Whisky, spirit, and wine	Oil, tierce, and pork	Beer and ale	Other ¹
United States.....	14,277	1,991	4,520	124	7,642
Individual States:					
Arkansas.....	2,236	302	1,671	4	259
Louisiana.....	1,637	180	1,457	—	—
Massachusetts.....	1,542	—	—	—	1,542
New Hampshire.....	1,812	—	—	—	1,812
Tennessee.....	1,095	777	238	—	80

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TABLE 27.—TIGHT HEADING—PRODUCTION (THOUSANDS OF SETS), BY CLASS AND BY STATES: 1939—Continued

STATE	Total	Whisky, spirit, and wine	Oil, tierce, and pork	Beer and ale	Other ¹
Groups of States:					
Ala., Fla., Ga., and Miss.....	1,249	29	420	115	685
Calif., Oreg., and Wash.....	2,508	—	273	—	2,235
Colo., Kans., and Tex.....	544	20	227	—	297
Ill., Iowa, and Mo.....	970	354	228	2	386
Ind., Ky., and Maine.....	189	125	—	8	61
Mich., Minn., and Wis.....	291	—	6	—	285
Va., and W. Va.....	204	204	—	—	—

¹ See footnote 2, table 26.

TABLE 28.—TIGHT HEADING—PRODUCTION (THOUSANDS OF SETS), BY CLASS AND BY KIND OF WOOD, FOR THE UNITED STATES: 1939

CLASS	Total	Oak	Pine	Red gum	Douglas fir	Spruce	Other
United States.....	14,277	5,337	3,412	1,529	1,445	1,341	1,213
Whisky, spirit, and wine.....	1,991	1,972	15	4	—	—	—
Oil, tierce, and pork.....	4,520	3,038	—	757	267	6	452
Beer and ale.....	124	27	—	97	—	—	—
Other ¹	7,642	300	3,397	671	1,178	1,335	761

¹ See footnote 2, table 26.

TABLE 29.—SLACK STAVES, HEADING, AND HOOPS—PRODUCTION, FOR SPECIFIED YEARS, FOR THE UNITED STATES: 1906 TO 1939

YEAR	Staves (thousands)	Heading (thousands of sets)	Hoops (thousands)
1939.....	526,315	46,465	32,209
1937.....	574,768	54,318	68,152
1935.....	439,970	35,992	51,818
1933.....	426,585	37,461	61,161
1931.....	537,177	43,375	94,311
1929.....	1,039,450	72,591	133,054
1927.....	961,782	59,337	134,596
1925.....	937,597	71,371	149,167
1923.....	893,682	80,477	153,954
1921.....	893,621	66,747	137,380
1919.....	1,121,324	87,381	140,772
1918.....	1,009,971	60,751	332,684
1911.....	1,328,968	106,407	353,215
1910.....	1,460,878	97,037	295,712
1909.....	2,029,548	140,234	375,793
1908.....	1,557,644	123,849	336,484
1907.....	1,175,977	106,074	490,570
1906.....	1,097,063	129,555	330,892

TABLE 30.—SLACK STAVES, HEADING, AND HOOPS—PRODUCTION, BY KIND OF WOOD, FOR THE UNITED STATES: 1939, 1937, 1935, AND 1929

CLASS OF PRODUCT AND KIND OF WOOD	1939	1937	1935	1929
Staves (thousands), total.....	526,315	574,768	439,970	1,039,450
Pine.....	199,337	231,047	137,114	354,520
Red gum.....	169,225	149,362	149,282	314,890
Spruce.....	38,140	50,714	49,608	54,355
Elm.....	35,977	41,804	31,682	88,398
Douglas fir.....	28,018	22,919	18,574	35,109
Other.....	57,618	78,922	53,710	192,178
Heading (thousands of sets), total.....	46,465	54,318	35,992	72,591
Pine.....	34,776	39,148	25,847	46,677
Spruce.....	5,275	5,415	2,807	5,624
Red gum.....	1,828	1,079	3,735	5,073
Douglas fir.....	1,639	1,363	957	2,315
Elm.....	7	11	65	—
Other.....	2,940	7,302	2,581	12,902
Hoops (thousands), total.....	32,209	68,152	51,818	133,054
Elm.....	31,197	67,037	51,139	131,628
Other.....	1,012	1,115	679	1,426

CENSUS OF MANUFACTURES: 1939

TABLE 31.—SLACK STAVES—PRODUCTION (THOUSANDS), BY KIND OF WOOD, BY STATES: 1939

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual establishments, and for the remaining States in groups]

STATE	Total	Pine	Red gum	Spruce	Elm	Douglas fir	Other
United States.....	526,315	109,337	169,225	38,140	35,977	26,018	57,618
Individual States:							
Florida.....	9,006	8,346	—	—	—	—	660
Georgia.....	7,249	6,649	—	—	—	—	600
Louisiana.....	24,607	—	9,887	—	5,493	—	9,227
Maine.....	1,510	—	—	705	—	—	805
Missouri.....	33,331	—	15,503	—	9,811	—	8,017
North Carolina.....	1,922	1,922	—	—	—	—	—
Tennessee.....	14,807	300	4,273	—	6,101	—	4,133
Virginia.....	114,254	112,154	—	—	—	—	2,100
Groups of States:							
Ala., Ark., Md., Miss., S. C., and Tex.....	249,470	69,933	137,512	—	13,322	—	28,703
Calif., Oreg., and Wash.....	63,650	—	—	37,435	—	26,018	197
Colo., Ind., Iowa, Ky., Minn., and Ohio.....	1,280	33	50	—	250	—	947
Mass., N. J., and Pa.....	5,229	—	2,000	—	1,000	—	2,229

TABLE 32.—SLACK HEADING—PRODUCTION (THOUSANDS OF SETS), BY KIND OF WOOD, BY STATES: 1939

[This table presents statistics separately for each State for which figures can be given without disclosing data for individual establishments, and for the remaining States in groups]

STATE	Total	Pine	Spruce	Red gum	Douglas fir	Other
United States.....	46,465	34,776	5,275	1,823	1,639	2,047
Individual States:						
Florida.....	2,343	2,343	—	—	—	—
Georgia.....	5,454	5,424	—	—	—	30
Maine.....	198	153	22	—	—	23
Maryland.....	321	321	—	—	—	—
North Carolina.....	4,027	3,688	—	339	—	—
South Carolina.....	4,689	1,355	—	1,364	—	1,970
Tennessee.....	247	—	—	65	—	182
Virginia.....	2,782	2,782	—	—	—	—
Groups of States:						
Ala., Ark., La., Miss., and Tex.....	18,788	18,543	—	8	—	237
Calif., Oreg., and Wash.....	6,893	—	5,253	—	1,639	1
Colo., Ind., Iowa, and Wis.....	243	17	—	—	—	226
Ky. and Ohio.....	51	—	—	2	—	49
Mass., N. J., N. Y., and Pa.....	429	150	—	50	—	229

TABLE 33.—HOOPS—PRODUCTION (THOUSANDS), BY KIND OF WOOD, BY GROUPS OF STATES: 1939

STATE	Total	Elm	Other
United States.....	32,209	31,197	1,012
Groups of States:			
Colo. and Iowa.....	136	106	30
Fla., Ind., La., Miss., Ohio, Tenn., and Tex.....	31,218	30,991	227
Maine, Md., N. J., Pa., and Va.....	855	100	755

TABLE 34.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	265,185	239,972	241,264	245,830	255,392	264,302	267,372	270,115	275,915	280,425	285,552	282,566	273,516
1937.....	296,832	272,592	279,169	292,892	298,195	310,975	318,413	320,881	318,609	313,067	302,272	277,888	257,027
Alabama.....	17,431	16,496	16,495	16,774	17,047	17,036	17,021	17,375	17,761	18,016	18,447	18,494	18,213
Arizona.....	1,128	1,005	891	866	1,053	1,203	1,220	1,256	1,235	1,220	1,231	1,198	1,154
Arkansas.....	16,347	14,477	14,880	15,118	15,585	15,589	15,696	16,326	16,911	17,738	17,885	18,279	17,682
California.....	16,355	12,041	11,984	11,297	15,484	17,715	18,308	18,616	18,934	19,231	18,862	18,127	15,662
Colorado.....	839	521	445	437	484	799	1,119	1,226	1,184	1,056	1,013	936	843
Connecticut.....	96	90	92	91	95	99	96	95	94	98	100	102	103
Delaware.....	182	176	186	187	197	194	177	158	162	161	188	199	201
Florida.....	12,992	12,835	13,103	13,189	13,152	12,872	12,972	12,308	12,397	12,944	13,249	13,372	13,508
Georgia.....	9,607	8,822	9,066	9,302	9,536	9,445	9,265	9,615	9,780	10,005	10,255	10,198	10,002
Idaho.....	5,328	2,971	2,881	2,972	3,894	5,456	6,368	7,034	7,455	7,339	6,818	5,907	4,844
Illinois.....	823	813	749	790	728	797	755	887	883	900	894	846	834
Indiana.....	1,963	1,857	1,858	1,871	1,874	1,954	2,000	1,963	1,923	1,998	2,060	2,102	2,090
Iowa.....	51	81	43	43	43	45	47	58	51	66	85	59	46
Kentucky.....	3,055	2,764	2,705	2,827	2,858	2,852	2,939	3,031	3,149	3,278	3,412	3,496	3,344
Louisiana.....	16,947	15,967	15,961	16,323	16,406	16,749	16,434	16,979	17,368	17,770	18,225	17,807	17,374
Maine.....	3,059	3,301	3,250	3,140	2,604	2,626	3,037	2,860	2,866	3,016	3,001	3,285	3,719
Maryland.....	714	690	703	710	718	711	733	683	700	676	748	756	736
Massachusetts.....	687	681	702	703	683	691	697	716	700	682	722	653	621
Michigan.....	4,460	3,995	4,053	3,937	3,854	4,199	4,212	4,331	4,557	4,790	4,983	5,299	5,315
Minnesota.....	1,204	1,087	1,055	1,094	928	1,126	1,328	1,333	1,218	1,199	1,366	1,307	1,378
Mississippi.....	15,602	14,199	14,839	15,194	15,251	15,462	15,076	15,497	15,628	16,073	16,373	16,421	16,012
Missouri.....	1,969	1,852	1,907	1,921	1,909	1,845	1,825	1,834	1,914	1,914	2,150	2,180	2,240
Montana.....	1,956	1,730	1,625	1,602	1,721	1,875	1,936	2,048	2,087	2,185	2,234	2,236	2,193
New Hampshire.....	1,409	1,355	1,432	1,400	1,433	1,574	1,520	1,446	1,340	1,240	1,350	1,436	1,370
New Jersey.....	344	283	289	305	300	335	350	377	394	411	359	361	354
New Mexico.....	1,166	1,060	866	892	1,117	1,262	1,204	1,288	1,288	1,243	1,294	1,271	1,210
Texas.....	1,635	1,609	1,587	1,614	1,649	1,650	1,658	1,687	1,614	1,502	1,578	1,688	1,781
North Carolina.....	12,031	11,617	11,566	11,728	11,857	11,809	11,949	11,705	12,126	12,374	12,502	12,568	12,486
Ohio.....	839	753	751	793	805	837	848	847	846	861	918	903	907
Oklahoma.....	1,891	1,825	1,854	1,843	1,847	1,871	1,879	1,886	1,900	1,959	1,939	1,976	1,916
Oregon.....	28,985	24,662	24,926	26,513	27,997	29,698	30,309	30,228	31,547	31,588	31,280	30,104	28,967
Pennsylvania.....	1,777	1,566	1,579	1,597	1,685	1,721	1,800	1,774	1,856	1,867	1,947	1,987	1,950
Rhode Island.....	37	38	46	41	43	33	39	34	36	29	32	35	39
South Carolina.....	9,680	9,543	9,614	9,343	9,616	9,705	9,721	9,408	9,777	9,812	10,002	9,866	9,755
South Dakota.....	396	389	390	401	405	427	439	415	388	374	371	373	376
Tennessee.....	5,178	5,224	5,083	5,143	5,127	4,806	4,837	4,832	4,992	5,208	5,553	5,671	5,660
Texas.....	14,498	13,644	13,622	13,969	13,942	14,097	14,476	14,778	14,707	14,797	15,093	15,622	15,234
Utah.....	68	10	15	14	20	42	94	123	115	110	104	100	73
Vermont.....	1,668	1,645	1,698	1,712	1,580	1,652	1,729	1,705	1,611	1,601	1,650	1,742	1,691
Virginia.....	9,889	9,427	9,533	9,726	10,248	10,164	9,856	9,686	9,639	10,046	10,273	10,151	9,916
Washington.....	30,117	26,521	26,503	27,766	29,646	30,773	30,771	30,900	31,799	32,123	33,414	31,543	29,647
West Virginia.....	5,026	4,535	4,556	4,719	4,692	4,957	4,908	5,145	5,145	5,108	5,559	5,571	5,494
Wisconsin.....	5,080	5,246	5,333	5,386	4,679	4,838	4,844	4,702	4,686	4,682	5,175	5,571	5,820
Wyoming.....	691	524	447	452	516	633	793	921	1,068	825	784	674	652

TABLE 35.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	7,391
Reporting expenditures for plant and equipment.....	3,969
Value of products:	
Total for the industry.....	\$692,944,624
Reporting expenditures for plant and equipment.....	489,296,904
Expenditures for plant and equipment:	
Total for the industry.....	23,443,262
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	8,315,182
Expenditures for new machinery and operating equipment.....	11,230,541
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	3,412,760
Expenditures unclassified.....	484,779

TABLE 36.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

	1939	1937
Inventories:		
Beginning of year, total.....	\$201,077,681	\$169,524,356
Finished products.....	155,274,871	136,863,523
Materials, supplies, etc.....	46,702,810	32,660,833
End of year, total.....	192,436,143	200,902,042
Finished products.....	150,085,502	161,730,841
Materials, supplies, etc.....	42,350,641	39,171,201
Value of products for the industry, total.....	692,944,624	755,464,371
Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand).....	658,110,387	707,536,047
Value for establishments not reporting inventories.....	34,834,237	47,927,724

TABLE 37.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments.....	7,391
Number of establishments reporting power equipment.....	6,694
Prime movers, aggregate:	
Number.....	12,662
Horsepower.....	1,483,482
Prime movers, driving generators, total—	
Number.....	1,256
Horsepower.....	667,896
Steam engines—	
Number.....	805
Horsepower.....	145,863
Steam turbines—	
Number.....	359
Horsepower.....	505,236
Diesel and semi-Diesel engines—	
Number.....	38
Horsepower.....	3,990
Other internal-combustion engines ² —	
Number.....	29
Horsepower.....	1,100
Hydroturbines and water wheels—	
Number.....	25
Horsepower.....	11,707
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	26,142
Prime movers not driving generators, total—	
Number.....	11,406
Horsepower.....	815,586
Steam engines—	
Number.....	7,940
Horsepower.....	643,001
Steam turbines—	
Number.....	181
Horsepower.....	17,319
Diesel and semi-Diesel engines—	
Number.....	804
Horsepower.....	46,815
Other internal-combustion engines ² —	
Number.....	2,367
Horsepower.....	102,580
Hydroturbines and water wheels—	
Number.....	114
Horsepower.....	5,871
Prime movers not driving generators, ordinarily idle (included above), horsepower.....	17,247

TABLE 37.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Generators, kilowatt rating, total.....	462,369
Generators, driven by—	
Steam engines, kilowatt rating.....	91,419
Steam turbines, kilowatt rating.....	358,748
Diesel and semi-Diesel engines, kilowatt rating.....	3,101
Other internal-combustion engines, ² kilowatt rating.....	614
Hydroturbines and water wheels, kilowatt rating.....	8,487
Generators, ordinarily idle (included above), kilowatt rating.....	18,855
Electric motors, total:	
Number.....	59,239
Horsepower.....	1,113,859
Driven by purchased energy—	
Number.....	20,239
Horsepower.....	432,035
Driven by energy generated in establishments reporting—	
Number.....	39,000
Horsepower.....	681,824
Electric energy (kilowatt-hours):	
Generated in plant.....	824,829,653
Sold.....	169,697,173
Purchased.....	312,410,987

¹ Comparative data for 1929 not available.² Gas, gasoline, etc.

ALASKA

Lumber production in Alaska.—The preceding tables do not include statistics for any of the territories or possessions of the United States. Statistics on the production of lumber and shingles and stocks of lumber on hand in Alaska are presented in the following tables.

Lumber production data, as shown in table 38, were collected for 1899, 1904, and 1919 and have been collected annually since 1922.

TABLE 38.—PRODUCTION OF LUMBER AND SHINGLES IN ALASKA: 1899 TO 1939

YEAR	Number of mills	LUMBER SAWED (M FEET, B. M.)					Shingles (squares) ¹
		Total	Spruce	Hemlock	Cedar	All other	
1899.....	24	25,885	18,162	6,071	1,595	57	2,471
1938.....	21	21,598	13,841	6,242	1,506	9	2,260
1937.....	20	25,276	15,794	8,477	994	11	2,181
1936.....	19	28,858	18,852	9,336	668	2	2,598
1935.....	20	23,499	14,769	8,069	658	3	2,182
1934.....	19	20,166	12,548	6,909	709	—	2,000
1933.....	20	12,901	10,292	1,523	1,086	—	1,380
1932.....	17	12,175	10,319	1,588	(²)	208	938
1931.....	16	16,535	12,091	4,189	(²)	255	1,063
1930.....	14	34,216	23,062	10,621	(²)	533	2,751
1929.....	19	30,393	21,850	8,205	(²)	338	2,943
1928.....	24	31,974	22,748	7,853	(²)	1,373	4,166
1927.....	21	41,395	34,571	6,291	(²)	533	4,535
1926.....	22	47,960	40,871	5,769	(²)	1,320	6,775
1925.....	28	40,857	35,718	2,938	(²)	2,201	3,295
1924.....	24	33,097	30,917	1,738	(²)	442	6,444
1923.....	20	36,076	33,504	2,266	(²)	306	2,849
1922.....	19	56,800	54,605	1,569	(²)	626	3,754
1919.....	22	21,673	21,182	491	—	—	—
1904.....	6	7,974	7,933	—	(²)	41	1,158
1899.....	10	6,571	6,056	15	(²)	500	—

¹ Revised for 1932 and prior years to show conversion to squares of shingles reported in thousands. Converted on basis of 800 shingles to the square.

² Figures for cedar lumber included in those for "All other."

³ Includes figures for cedar lumber.

TABLE 39.—PRODUCTION OF LUMBER AND STOCKS ON HAND IN ALASKA: JAN. 1 AND DEC. 31, 1936 TO 1939

YEAR	PRODUCTION OF LUMBER (M FEET, B. M.)			STOCKS ON HAND (M FEET, B. M.)	
	Total	By mills reporting stocks	Percent of total	Jan. 1	Dec. 31
1939.....	25,885	25,483	98.4	10,511	11,888
1938.....	21,598	21,144	97.9	8,197	9,163
1937.....	25,276	24,447	96.7	9,368	9,131
1936.....	28,858	28,419	98.5	8,888	9,488

PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS

[A preliminary report for this industry was issued December 31, 1940]

Description of the industry.—This industry, as constituted for census purposes, embraces establishments primarily engaged in the manufacture of dressed lumber, sash, doors, window and door frames, interior woodwork, molding, etc. Planing mills connected with sawmills are included in the "Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills" industry.

Statistics for prior census years.—For the census for 1939 "Plywood mills" and "Venetian blinds" were established as separate classifications. Returns for manufacturers primarily engaged in the production of plywood were previously classified in the former "Planing-mill products and other wooden products not elsewhere classified" and "Lumber and timber products not elsewhere classified" industries, and those manufacturers engaged primarily in the production of venetian blinds were classified in the "Planing-mill products" industry. The statistics for "Plywood

mills" and "Venetian blinds" industries were deducted from the statistics for 1937 and credited to their respective industries for comparison with the 1939 statistics. No revisions were made, however, in the statistics for earlier years and, therefore, comparable figures are not available for years prior to 1937.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³	Horsepower of prime movers
1939.....	3,076	62,838	\$62,815,065	\$177,734,772	\$320,613,516	\$142,878,744	191,570
1937 ⁴	2,750	61,690	63,186,124	161,611,142	289,523,028	127,911,886	(⁵)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Data not available for years prior to 1937; see "Statistics for prior census years," for explanation of the revision of the 1937 figures.

⁵ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Alabama	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Idaho
Number of establishments ¹	3,076	87	5	28	269	18	33	4	4	74	114	8
Proprietors and firm members.....	2,042	98	1	15	234	18	27	-----	-----	48	99	7
Persons reported by manufacturing establishments, total ²	76,242	2,292	104	1,451	5,857	251	601	27	84	1,292	2,554	32
Salaried officers of corporations ²	2,201	22	1	30	117	5	18	1	7	67	67	2
Manufacturing:												
Salaried employees ²	5,861	165	13	65	360	18	42	4	10	123	208	5
Wage earners (average for the year) ²	62,838	2,080	85	1,324	4,841	216	442	22	52	934	2,089	23
Distribution.....	4,783	61	2	30	496	11	87	-----	15	125	160	2
Construction.....	145	1	1	-----	23	-----	8	-----	-----	4	4	-----
Other.....	414	13	2	2	20	1	4	-----	-----	39	31	-----
Salaries and wages, total ²	\$88,418,374	\$1,503,474	\$163,536	\$1,137,620	\$9,243,031	\$330,362	\$873,742	\$36,926	\$146,315	\$1,428,521	\$1,967,097	\$30,675
Salaried officers ²	8,087,811	64,677	1,545	94,715	585,654	12,300	46,575	2,600	25,030	217,848	198,909	3,347
Manufacturing:												
Salaries ²	9,478,127	206,530	30,011	98,354	721,318	33,730	85,507	8,332	24,115	181,850	279,385	7,995
Wages.....	62,815,065	1,165,663	125,754	883,094	6,993,188	256,403	595,444	25,994	78,808	834,195	1,275,488	27,068
Distribution.....	7,447,358	61,376	3,032	60,794	895,570	27,629	131,210	-----	18,302	166,439	185,809	1,265
Construction.....	189,945	450	1,800	-----	19,848	-----	10,000	-----	-----	4,600	5,015	-----
Other.....	400,088	4,778	1,394	663	27,453	300	5,006	-----	-----	24,589	22,491	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	177,734,772	5,088,802	361,224	2,430,329	18,764,169	411,112	1,409,759	37,575	197,099	2,401,626	6,345,003	45,468
Materials and supplies.....	172,448,263	4,899,062	353,368	2,384,759	18,308,013	398,113	1,358,626	35,629	192,769	2,334,855	6,238,544	42,589
Fuel.....	1,099,516	12,114	-----	5,881	35,896	2,956	14,967	435	188	2,931	28,873	1,438
Purchased electric energy.....	3,134,639	35,324	7,856	13,689	383,335	9,693	36,166	1,611	3,767	63,740	51,872	1,491
Contract work.....	1,052,354	142,802	-----	26,000	36,925	350	-----	-----	375	100	25,714	-----
Value of products.....	320,613,516	8,071,128	598,135	4,167,340	33,880,653	867,419	2,615,634	89,341	374,836	4,518,789	10,281,997	103,320
Value added by manufacture ⁴	142,878,744	2,982,326	236,911	1,737,011	15,116,484	456,307	1,205,875	51,766	177,737	2,117,163	3,936,994	57,861

See footnotes at end of table.

PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS

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TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi
Number of establishments ¹	163	74	39	19	41	41	26	48	93	78	59	68
Proprietors and firm members.....	96	37	13	9	26	20	11	41	60	36	28	50
Persons reported by manufacturing establishments, total ²	4,231	1,399	4,487	321	1,043	1,708	440	948	1,367	1,991	1,933	3,012
Salaried officers of corporations ²	157	43	51	15	48	21	18	22	81	59	50	15
Manufacturing:.....												
Salaried employees ²	284	132	390	22	69	124	40	85	116	164	163	185
Wage earners (average for the year) ³	3,463	1,102	3,681	255	820	1,458	358	784	1,016	1,592	1,573	2,755
Distribution.....	305	106	346	29	96	94	22	46	138	166	138	54
Construction.....	1	1	8			10	2		5	3	3	
Other.....	21	15	11		10	1		11	11	7	6	3
Salaries and wages, total ²	\$5,667,613	\$1,723,763	\$5,569,644	\$354,615	\$1,128,315	\$1,581,255	\$455,503	\$1,165,295	\$1,889,148	\$2,695,697	\$2,663,872	\$1,775,998
Salaried officers ²	535,131	166,643	203,940	29,920	186,820	86,425	52,663	110,473	302,046	280,256	219,214	63,700
Manufacturing:.....												
Salaries ²	494,736	208,049	737,251	38,349	79,528	221,275	52,954	143,896	189,031	276,335	281,224	215,174
Wages.....	4,070,045	1,178,794	4,071,151	246,083	758,185	1,179,455	315,862	826,234	1,173,314	1,916,506	1,910,419	1,416,817
Distribution.....	543,742	156,233	536,263	40,263	87,011	89,288	32,063	79,649	206,702	213,982	240,057	77,801
Construction.....	1,195	1,121	9,513			3,884	1,901		8,033	4,249	6,188	1,000
Other.....	22,764	12,923	11,506		16,771	828		5,043	10,022	4,369	6,770	1,506
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	9,525,731	3,090,776	9,814,131	639,848	1,749,615	3,493,172	902,306	3,222,165	2,578,336	5,512,467	3,846,167	5,316,985
Materials and supplies.....	9,241,394	2,986,375	9,722,229	614,625	1,692,326	3,409,115	868,522	3,168,591	2,378,795	5,301,179	3,751,127	5,245,961
Fuel.....	68,588	33,283	42,104	4,024	20,061	35,634	9,018	5,971	29,313	62,925	27,429	5,604
Purchased electric energy.....	201,773	69,398	42,930	18,700	37,228	47,460	24,353	47,603	97,720	99,475	67,611	38,662
Contract work.....	13,976	1,720	6,868	2,409		963	503		72,508	48,888		20,758
Value of products.....	18,279,689	5,874,188	18,080,414	1,179,326	3,630,813	6,244,888	1,534,776	5,176,699	5,555,618	9,588,206	7,887,828	8,782,198
Value added by manufacture ⁴	8,753,958	2,783,412	8,266,283	539,478	1,881,198	2,751,716	632,380	1,954,534	2,977,282	4,075,799	4,041,661	3,465,213

ITEM	Missouri	Nebraska	Nevada	New Hampshire	New Jersey	New Mexico	New York	North Carolina	Ohio	Oklahoma	Oregon	Pennsylvania
Number of establishments ¹	66	13	5	16	85	6	242	155	115	30	60	246
Proprietors and firm members.....	49	13	2	13	32	2	135	139	48	20	39	168
Persons reported by manufacturing establishments, total ²	1,509	367	113	505	877	244	3,432	4,005	2,173	508	1,490	3,466
Salaried officers of corporations ²	71	13	2	14	54	3	237	85	86	18	42	173
Manufacturing:.....												
Salaried employees ²	84	22	5	26	78	10	304	286	246	47	104	421
Wage earners (average for the year) ³	1,194	270	103	412	689	228	2,507	3,486	1,650	414	1,293	2,536
Distribution.....	155	57	3	46	51		372	120	179	26	48	296
Construction.....	2			1			15	12	2	2	2	4
Other.....	3	5		6	5		47	16	10	1	1	36
Salaries and wages, total ²	\$1,855,733	\$505,180	\$151,606	\$531,855	\$1,377,516	\$210,444	\$5,342,624	\$3,046,445	\$2,936,040	\$485,811	\$2,060,942	\$4,597,145
Salaried officers ²	219,648	63,800	9,000	43,463	187,905	15,948	812,888	285,486	361,664	50,683	117,575	500,015
Manufacturing:.....												
Salaries ²	154,691	52,675	9,689	40,951	137,645	17,390	505,889	370,466	418,181	75,421	180,207	649,855
Wages.....	1,253,207	292,535	128,417	351,169	936,384	172,316	3,352,215	2,237,432	1,861,846	309,704	1,665,205	2,885,930
Distribution.....	222,453	90,807	4,500	86,308	109,574	4,800	598,621	135,205	279,167	45,616	96,565	501,461
Construction.....	3,400			2,844			16,822	9,388	2,405	2,975	20,664	12,604
Other.....	2,334	5,363		7,120	6,008		56,189	8,468	12,777	1,412	696	47,280
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	2,681,081	657,917	523,404	1,166,404	2,847,350	521,489	9,592,650	9,539,975	5,254,586	1,217,120	4,680,170	6,823,320
Materials and supplies.....	2,570,649	638,193	509,677	1,152,445	2,733,195	504,758	9,247,639	9,131,563	5,079,609	1,183,535	4,504,123	6,360,858
Fuel.....	19,519	7,038		2,524	21,930	5,930	90,021	20,340	65,410	2,888	14,382	143,121
Purchased electric energy.....	87,128	12,686	13,727	11,435	72,811	10,803	218,643	88,774	107,993	20,133	146,763	241,431
Contract work.....	3,785			19,414			36,347	299,298	1,574	10,564	14,902	77,910
Value of products.....	5,654,546	1,339,977	766,742	2,098,000	5,271,506	908,234	18,259,579	15,239,991	10,163,640	2,024,547	8,122,845	13,862,931
Value added by manufacture ⁴	2,973,465	682,060	243,338	931,596	2,424,156	386,745	8,666,929	5,700,016	4,909,054	807,427	3,442,675	7,039,611

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1939

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939—Continued

ITEM	Rhode Island	South Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Other States ¹
Number of establishments ¹	12	54	9	86	120	14	11	115	87	28	96	12
Proprietors and firm members.....	6	43	6	56	105	10	11	85	35	9	23	10
Persons reported by manufacturing establishments, total ²	218	1,096	212	3,711	2,265	124	188	2,790	3,651	506	5,090	225
Salaried officers of corporations ³	16	37	7	63	34	4	5	80	68	18	149	5
Manufacturing:.....												
Salaried employees ³	35	94	19	170	200	8	12	230	208	38	410	10
Wage earners (average for the year) ³	158	894	158	3,341	1,951	100	152	2,303	3,234	426	4,223	199
Distribution.....	8	60	28	118	75	12	6	155	125	24	282	5
Construction.....	1	2	-----	3	1	-----	-----	3	12	-----	0	-----
Other.....	-----	9	-----	16	4	-----	13	19	4	-----	11	-----
Salaries and wages, total ²	\$302,181	\$844,989	\$246,947	\$3,166,037	\$2,382,334	\$166,607	\$174,261	\$2,552,602	\$4,704,537	\$550,177	\$6,396,162	\$289,182
Salaried officers ³	51,365	113,052	22,200	256,124	159,937	8,635	14,240	259,122	313,212	47,754	663,392	20,272
Manufacturing:.....												
Salaries ³	40,744	117,738	29,735	280,542	208,828	16,366	21,013	320,001	370,123	58,609	696,951	19,498
Wages.....	194,364	537,360	148,632	2,450,934	1,817,134	118,608	114,825	1,770,541	3,772,801	411,612	4,463,018	244,912
Distribution.....	14,506	71,691	46,380	156,623	98,909	22,325	9,695	180,754	225,811	31,702	555,805	4,500
Construction.....	1,202	1,480	-----	2,149	2,986	-----	-----	3,660	18,935	-----	9,444	-----
Other.....	-----	3,668	-----	19,665	4,540	673	14,488	18,524	3,655	500	7,552	-----
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	561,128	2,946,468	525,627	7,170,731	4,813,023	213,806	293,188	6,351,624	10,387,312	1,159,385	10,159,770	463,289
Materials and supplies.....	528,309	2,876,121	513,387	7,050,650	4,704,630	206,255	279,488	6,227,369	10,089,723	1,113,050	9,874,910	441,613
Fuel.....	7,450	5,176	1,722	28,120	15,462	570	4,254	24,442	17,584	25,043	125,694	1,263
Purchased electric energy.....	13,898	22,875	10,518	64,709	91,580	6,981	9,446	70,536	231,259	21,292	137,558	20,213
Contract work.....	11,471	42,296	-----	27,252	1,351	-----	-----	29,277	48,746	-----	21,608	200
Value of products.....	944,843	4,449,358	831,461	12,623,290	9,313,859	494,922	595,684	10,714,072	17,332,815	2,151,992	19,132,513	932,865
Value added by manufacture ⁴	383,715	1,502,890	305,834	5,452,559	4,500,836	281,116	302,496	4,362,448	6,945,503	992,607	8,972,743	469,876

¹ See GENERAL EXPLANATIONS—Definition of establishment.² See GENERAL EXPLANATIONS—Persons engaged—general classification.³ See GENERAL EXPLANATIONS—Wage earners and wages.⁴ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.⁵ Montana, 6 establishments; North Dakota, 4; Wyoming, 2.TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937¹

	1939	1937 ¹
Planing Mills Not Operated in Conjunction With Sawmills industry, all products, total value.....	\$320,613,516	\$289,523,028
Planing-mill products made in this industry.....	282,309,839	267,641,605
Miscellaneous products not classifiable.....	² 15,860,059	20,538,540
Other products (not classified in this industry).....	³ 20,547,667	
Receipts for contract and repair work.....	1,895,951	1,342,883
Planing mill products, aggregate value.....	614,153,983	593,374,933
Planing-mill products made in this industry.....	282,309,839	267,641,605
Planing-mill products made as secondary products in other industries, total.....	331,844,144	325,733,328
Produced in planing mills operated in conjunction with sawmills.....	325,592,769	(4)
Produced in other industries.....	6,251,375	

¹ Figures not available for years prior to 1937; see "Statistics for prior census years," p. 538, for explanation of the revision of the 1937 figures.² Principally value of merchandise bought and sold in the same condition.³ Principally furniture, window and door screens, wooden boxes, and plywood.⁴ No data.

PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS

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TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

PRODUCT	1939				1937
	Produced in independent planing mills	Produced in planing mills operated in conjunction with sawmills	Produced in other industries ¹	Aggregate	
Total value.....	\$282,309,839	\$325,592,769	\$6,251,375	\$614,153,983	\$593,374,933
Dressed lumber, including flooring, ceiling, partition, and siding:					
Quantity (M feet, b. m.).....	2,946,296	12,464,226	24,910	15,435,432	14,016,929
Value.....	\$80,040,123	\$294,818,904	\$764,359	\$375,623,386	\$363,671,470
Doors:					
For general construction:					
Number, total.....	10,140,999	3,319,677	29,212	13,489,888	11,836,308
Value, total.....	\$36,533,388	\$5,924,320	\$1,054,770	\$43,512,478	\$38,968,960
Pine:					
Number.....	4,559,774	198,623	6,817	4,765,214	3,846,077
Value.....	\$14,384,567	\$431,544	\$25,272	\$14,841,383	\$12,806,467
Douglas fir:					
Number.....	4,213,778	2,898,037	18,629	7,130,444	6,468,639
Value.....	\$6,952,263	\$4,161,801	\$52,146	\$11,166,210	\$11,259,563
Hardwood:					
Number.....	469,062	14,500	300	483,862	433,040
Value.....	\$3,570,132	\$115,558	\$2,500	\$3,688,190	\$3,397,626
Other:					
Number.....	589,188	111,928	1,997	703,113	772,031
Value.....	\$2,086,180	\$672,005	\$13,816	\$2,772,001	\$3,034,432
For garages:					
Number.....	309,197	96,589	1,469	407,255	316,521
Value.....	\$4,126,135	\$348,694	\$40,337	\$4,515,166	\$3,940,737
Other, value.....	\$5,414,111	\$194,718	\$920,699	\$6,529,528	\$4,530,135
Sash:					
Number.....	32,553,030	2,206,534	233,136	34,992,700	31,174,707
Value.....	\$23,281,331	\$868,754	\$330,887	\$24,480,972	\$20,459,001
Window and door frames:					
Number.....	7,416,543	902,817	47,956	8,367,316	5,776,093
Value.....	\$19,706,574	\$1,495,509	\$186,133	\$21,388,216	\$15,663,207
Portable and ready-cut houses, value.....	8,363,719	49,641	48,493	8,461,853	4,130,862
Tanks and vats, value.....	4,035,662	23,241	112,822	4,171,725	6,735,462
Silo stock, value.....	698,252	73,397	20,776	792,425	1,023,134
Battery separators, value.....	2,324,417	1,974,863	4,568	4,303,848	3,424,566
Hardwood small-dimension stock:					
Produced from rough lumber—					
Quantity (M feet, b. m.).....	102,788	112,801	4,849	220,438	\$139,298,271
Value.....	\$7,138,117	\$5,380,532	\$447,484	\$12,966,133	
Produced from slabs, edgings, mill waste—					
Quantity (M feet, b. m.).....	20,292	7,822	-----	28,114	\$139,298,271
Value.....	\$900,478	\$287,354	-----	\$1,187,832	
Miscellaneous millwork and millwork not reported by kind, value ²	\$99,287,778	\$14,696,254	\$3,281,083	\$117,265,115	

¹ Produced principally in industries in the "Furniture and finished lumber products" group.² Molding, inside trim, and general millwork not separately reported.

CENSUS OF MANUFACTURES: 1939

TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939

STATE	Total value	DRESSED LUMBER, INCLUDING FLOORING, CEILING, PARTITIONS, AND SIDING		Doors, value (see table 4)	SASH		WINDOW AND DOOR FRAMES	
		M ft., b. m.	Value		Number	Value	Number	Value
United States.....	\$614, 153, 983	15, 435, 432	\$375, 623, 386	\$43, 512, 478	34, 992, 700	\$24, 480, 972	8, 367, 316	\$21, 388, 216
Alabama.....	25, 342, 195	1, 071, 916	23, 147, 919	184, 830	295, 286	308, 402	52, 453	178, 594
Arizona.....	3, 312, 981	91, 790	1, 022, 195	(3)	(3)	(3)	(3)	(3)
Arkansas.....	25, 775, 899	875, 021	21, 731, 614	113, 005	(3)	(3)	10, 140	31, 815
California.....	52, 936, 218	817, 602	27, 359, 872	3, 196, 427	3, 467, 172	2, 627, 457	767, 337	1, 773, 738
Colorado.....	1, 207, 719	17, 617	390, 047	39, 212	24, 025	62, 203	22, 207	66, 982
Connecticut.....	2, 414, 456	390	16, 903	239, 336	(3)	(3)	23, 757	124, 394
Delaware.....	82, 370	(3)	(3)	(3)	(3)	(3)	(3)	(3)
District of Columbia.....	326, 674	(3)	(3)	(3)	7, 050	20, 637	3, 137	10, 537
Florida.....	14, 655, 796	355, 851	11, 020, 103	118, 992	78, 562	137, 931	64, 492	182, 541
Georgia.....	18, 193, 103	741, 127	15, 244, 049	356, 668	249, 804	358, 231	98, 793	390, 065
Idaho.....	16, 049, 413	560, 229	15, 526, 627	26, 421	4, 789	14, 387	4, 280	14, 816
Illinois.....	16, 697, 584	35, 292	1, 771, 733	2, 746, 271	2, 441, 806	1, 664, 137	578, 684	1, 349, 206
Indiana.....	5, 943, 116	7, 754	376, 874	2, 480, 441	284, 479	243, 155	48, 056	232, 170
Iowa.....	10, 468, 053	(3)	(3)	4, 711, 708	9, 001, 317	4, 420, 385	861, 310	1, 960, 724
Kansas.....	865, 466	543	33, 190	151, 776	51, 942	59, 802	13, 681	45, 613
Kentucky.....	4, 331, 385	34, 688	1, 238, 143	447, 410	109, 728	102, 189	62, 003	222, 898
Louisiana.....	20, 568, 055	699, 829	16, 263, 805	231, 602	518, 584	458, 216	73, 863	319, 215
Maine.....	2, 490, 877	46, 559	1, 414, 159	72, 754	128, 244	140, 145	96, 027	191, 554
Maryland.....	5, 716, 251	55, 550	2, 058, 403	534, 266	35, 812	93, 235	107, 422	361, 759
Massachusetts.....	5, 331, 680	4, 404	184, 791	298, 910	189, 150	217, 976	37, 458	104, 038
Michigan.....	12, 997, 669	146, 988	5, 483, 553	1, 034, 117	385, 440	439, 685	264, 896	1, 009, 863
Minnesota.....	7, 419, 008	45, 370	1, 369, 621	419, 663	433, 107	728, 388	(3)	(3)
Mississippi.....	21, 663, 580	880, 983	18, 617, 505	61, 648	(3)	(3)	49, 754	122, 750
Missouri.....	5, 563, 245	28, 953	1, 097, 048	562, 814	303, 193	418, 269	128, 942	454, 778
Montana.....	5, 206, 647	187, 289	4, 401, 976	(3)	(3)	(3)	(3)	(3)
Nebraska.....	1, 028, 501	-----	-----	101, 550	91, 779	158, 502	25, 799	111, 405
Nevada.....	728, 354	-----	-----	(3)	(3)	(3)	-----	-----
New Hampshire.....	2, 926, 025	26, 404	918, 448	55, 093	179, 251	117, 930	31, 922	66, 144
New Jersey.....	5, 348, 199	22, 959	1, 059, 058	585, 859	165, 928	201, 221	41, 711	143, 933
New Mexico.....	2, 326, 475	74, 718	1, 915, 527	(3)	(3)	(3)	-----	-----
New York.....	17, 019, 725	37, 956	1, 856, 588	1, 601, 460	1, 426, 454	1, 440, 782	386, 427	1, 043, 704
North Carolina.....	22, 871, 020	755, 857	18, 216, 907	402, 136	270, 908	417, 132	194, 725	641, 156
Ohio.....	9, 289, 154	22, 286	1, 586, 557	734, 412	343, 074	382, 397	177, 203	586, 906
Oklahoma.....	5, 212, 446	127, 360	3, 528, 703	179, 884	586, 582	371, 495	13, 833	55, 374
Oregon.....	68, 784, 166	2, 785, 171	58, 038, 545	2, 095, 676	(3)	(3)	83, 817	274, 210
Pennsylvania.....	12, 382, 788	32, 132	1, 701, 050	1, 895, 337	264, 989	485, 297	263, 953	1, 110, 458
Rhode Island.....	792, 208	(3)	(3)	(3)	(3)	(3)	57, 388	93, 935
South Carolina.....	11, 216, 561	418, 004	9, 811, 323	100, 449	80, 217	108, 832	53, 760	181, 370
South Dakota.....	1, 180, 600	15, 517	424, 945	54, 157	51, 930	72, 185	20, 706	48, 522
Tennessee.....	15, 501, 343	276, 943	10, 814, 659	115, 959	258, 105	186, 863	83, 501	441, 030
Texas.....	27, 235, 813	902, 322	20, 885, 382	1, 560, 264	1, 424, 173	1, 127, 404	287, 363	933, 985
Utah.....	409, 269	550	13, 250	69, 379	3, 973	14, 618	16, 833	48, 878
Vermont.....	1, 320, 500	14, 796	473, 662	(3)	27, 110	50, 150	1, 326	6, 752
Virginia.....	15, 150, 859	397, 126	10, 235, 991	664, 938	181, 172	265, 308	132, 222	553, 702
Washington.....	75, 667, 047	2, 645, 062	55, 340, 761	8, 227, 203	2, 189, 319	912, 179	1, 300, 844	1, 862, 065
West Virginia.....	3, 607, 770	57, 852	2, 203, 075	30, 316	35, 963	56, 723	19, 126	54, 766
Wisconsin.....	22, 310, 907	164, 041	5, 437, 424	6, 645, 341	6, 066, 882	3, 670, 223	899, 894	1, 396, 500
Other States ¹	344, 748	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Items covered by footnote ²	-----	14, 631	491, 401	365, 744	3, 335, 841	1, 926, 911	906, 271	2, 554, 000

See footnotes at end of table.

PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS

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TABLE 5.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1939—Continued

STATE	HARDWOOD SMALL-DIMENSION STOCK				Portable and ready-cut buildings, value	Battery separators, value	Tanks and vats, value	Silo stock, value	Miscella- neous mill- work, value ¹
	Produced from rough lumber		Produced from slabs, edgings, mill waste						
	M ft., b. m.	Value	M ft., b. m.	Value					
United States.....	220,438	\$12,966,133	28,114	\$1,187,832	\$8,461,853	\$4,303,848	\$4,171,725	\$792,425	\$117,265,115
Alabama.....	(²)	(²)			(²)	(²)	(²)		1,522,450
Arizona.....									1,390,786
Arkansas.....	44,620	2,430,576	(²)	(²)			(²)		1,468,889
California.....	5,411	317,752	1,410	77,637	(²)	911,421	1,101,888	(²)	15,570,028
Colorado.....	(²)	(²)	(²)	(²)			(²)		619,275
Connecticut.....	(²)	(²)				(²)	(²)		2,033,823
Delaware.....								(²)	82,370
District of Columbia.....	(²)	(²)	(²)	(²)			(²)		295,500
Florida.....	(²)	(²)					(²)		3,196,229
Georgia.....	(²)	(²)	(²)	(²)		(²)			1,844,150
Idaho.....	(²)	(²)	(²)	(²)			(²)		467,162
Illinois.....	(²)	(²)	(²)	(²)	(²)	(²)	435,081	(²)	8,731,066
Indiana.....	2,907	549,453	(²)	(²)	(²)	(²)	(²)		2,055,014
Iowa.....	(²)	(²)			(²)	(²)	(²)	(²)	5,375,181
Kansas.....	(²)	(²)					(²)		575,685
Kentucky.....	5,928	752,791	(²)	(²)	(²)	(²)	(²)		1,567,954
Louisiana.....	38,577	1,615,918					(²)		1,679,299
Maine.....	1,247	35,448	(²)	(²)	(²)			(²)	636,817
Maryland.....	(²)	(²)	(²)	(²)			83,580	(²)	2,585,008
Massachusetts.....	(²)	(²)	(²)	(²)	613,258		(²)	1,255	3,911,452
Michigan.....	7,585	695,392	(²)	(²)	980,326	(²)	(²)	(²)	3,354,733
Minnesota.....	95	3,300	(²)	(²)	(²)		155,016	(²)	4,743,080
Mississippi.....	17,045	1,163,990			(²)	(²)	(²)		1,707,687
Missouri.....	429	11,080	(²)	(²)	(²)		(²)		3,019,256
Montana.....					(²)				804,671
Nebraska.....					(²)	(²)			657,044
Nevada.....			(²)	(²)					728,354
New Hampshire.....			(²)	(²)					1,768,410
New Jersey.....	(²)	(²)	(²)	(²)	834,668	(²)	(²)		2,523,460
New Mexico.....									410,948
New York.....	6,547	460,145	219	10,470	688,334	(²)	270,843	498,678	9,148,661
North Carolina.....	10,135	643,623	(²)	(²)			1,883		2,548,183
Ohio.....	4,599	360,908	221	12,980	385,042	(²)	(²)	(²)	5,189,952
Oklahoma.....	131	13,100			(²)	(²)	(²)	(²)	1,063,890
Oregon.....	(²)	(²)			(²)	(²)	(²)	(²)	8,372,735
Pennsylvania.....	1,730	83,187	(²)	(²)	(²)	(²)	378,781	(²)	6,728,678
Rhode Island.....	(²)	(²)					15,322		682,951
South Carolina.....	2,580	128,037	(²)	(²)			(²)		886,544
South Dakota.....	(²)	(²)					(²)		580,791
Tennessee.....	16,952	1,196,542	(²)	(²)	(²)	(²)	(²)		2,745,700
Texas.....	3,980	109,518	(²)	(²)	(²)	(²)	184,321		2,434,939
Utah.....	(²)	(²)						666	263,144
Vermont.....	2,127	92,063	(²)	(²)				4,338	692,869
Virginia.....	7,771	274,919	(²)	(²)		(²)	1,188	(²)	3,154,813
Washington.....	(²)	(²)			(²)	(²)	(²)		9,314,239
West Virginia.....	5,095	499,495	(²)	(²)	(²)	(²)			763,395
Wisconsin.....	2,910	91,122	(²)	(²)	(²)		104,841	(²)	4,965,956
Other States ⁴							195		344,553
Items covered by footnote ⁵	32,037	1,437,774	26,264	1,086,745	4,960,225	3,392,427	1,438,620	288,154	

¹ Molding, inside trim, and general millwork, not separately reported. Includes some items not specified by kind.² The United States total represents the actual value of "Miscellaneous millwork," but many of the State items include also the values of certain specified products for which separate figures could not be given without disclosing, exactly or approximately, data for individual establishments. (See footnote 3.) Thus the sum of the State items exceeds the United States total by the combined amount of the specified items not shown separately by States; namely, \$17,942,607.³ The values of specified products not shown for certain States in order to avoid disclosing, exactly or approximately, the production of individual establishments are included in the corresponding State item in the "Miscellaneous millwork" column; and both quantities and value are included in the appropriate items at the foot of the table. (See footnote 2.)⁴ North Dakota and Wyoming combined to avoid disclosing data for an individual establishment.

CENSUS OF MANUFACTURES: 1939

TABLE 6.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	62,838	57,874	58,294	58,900	59,780	62,137	63,753	63,662	65,603	66,430	66,496	66,303	64,328
1937.....	61,690	59,936	60,757	62,588	63,723	63,193	63,140	64,627	64,476	63,156	61,418	58,392	54,868
Alabama.....	2,030	1,889	1,851	1,966	1,961	2,105	2,123	2,142	2,135	2,050	2,062	2,068	2,009
Arizona.....	85	81	80	83	78	86	83	93	92	90	85	86	85
Arkansas.....	1,324	1,227	1,411	1,407	756	1,217	1,315	1,429	1,452	1,497	1,496	1,364	1,315
California.....	4,841	4,719	4,622	4,733	4,834	4,896	4,954	4,719	4,999	4,766	4,959	4,984	4,910
Colorado.....	216	183	188	178	185	193	202	216	247	244	241	254	258
Connecticut.....	442	409	409	410	410	441	439	468	457	448	452	482	475
Delaware.....	22	23	20	21	21	22	21	21	21	22	22	22	23
District of Columbia.....	52	46	40	52	52	48	47	51	55	54	56	56	60
Florida.....	934	923	894	872	901	900	910	884	985	918	979	1,016	1,026
Georgia.....	2,089	2,033	2,052	2,063	2,101	2,069	2,084	2,116	2,088	2,137	2,121	2,131	2,072
Idaho.....	23	21	21	20	20	21	24	24	24	24	25	25	23
Illinois.....	3,463	3,254	3,286	3,210	3,331	3,388	3,546	3,557	3,530	3,810	3,533	3,675	3,436
Indiana.....	1,102	927	944	970	1,040	1,112	1,097	1,167	1,181	1,148	1,196	1,207	1,233
Iowa.....	3,681	3,318	3,589	3,613	3,464	3,359	3,519	3,596	3,808	3,999	4,005	3,962	3,945
Kansas.....	255	236	224	221	233	248	258	268	274	281	277	272	268
Kentucky.....	820	762	771	870	831	759	782	792	840	860	838	866	867
Louisiana.....	1,458	1,313	1,353	1,366	1,400	1,422	1,486	1,489	1,498	1,499	1,557	1,575	1,542
Maine.....	358	340	343	335	319	311	348	378	381	378	378	396	380
Maryland.....	784	706	695	691	738	759	797	816	829	833	838	862	848
Massachusetts.....	1,016	935	943	962	949	1,008	1,076	1,094	1,086	1,075	1,063	1,041	969
Michigan.....	1,592	1,369	1,386	1,410	1,458	1,550	1,605	1,710	1,773	1,735	1,730	1,748	1,626
Minnesota.....	1,573	1,390	1,421	1,442	1,446	1,467	1,560	1,635	1,688	1,708	1,711	1,722	1,686
Mississippi.....	2,755	2,247	2,311	2,313	2,774	3,054	3,082	2,670	3,167	3,070	2,883	2,802	2,684
Missouri.....	1,194	1,135	1,110	1,134	1,164	1,199	1,212	1,235	1,216	1,229	1,246	1,235	1,218
Montana.....	172	167	146	145	151	160	174	174	188	188	193	191	189
Nebraska.....	270	245	240	244	260	246	265	270	275	303	292	307	298
Nevada.....	103	95	97	101	101	106	105	107	106	110	111	109	85
New Hampshire.....	412	385	387	380	368	388	397	417	430	434	442	456	455
New Jersey.....	689	571	572	606	695	737	718	726	734	741	743	722	701
New Mexico.....	228	223	236	215	231	225	232	230	242	224	233	225	222
New York.....	2,507	2,181	2,176	2,306	2,492	2,530	2,677	2,707	2,686	2,638	2,603	2,592	2,493
North Carolina.....	3,486	3,308	3,285	3,364	3,449	3,512	3,544	3,506	3,518	3,570	3,575	3,619	3,580
Ohio.....	1,650	1,653	1,549	1,517	1,582	1,622	1,641	1,676	1,724	1,723	1,746	1,738	1,728
Oklahoma.....	414	357	379	403	410	458	494	442	410	435	402	402	379
Oregon.....	1,293	1,199	1,175	1,193	1,214	1,261	1,251	1,270	1,317	1,386	1,420	1,448	1,387
Pennsylvania.....	2,536	2,399	2,356	2,350	2,438	2,478	2,587	2,617	2,632	2,659	2,694	2,655	2,673
Rhode Island.....	158	150	144	147	149	161	158	154	164	168	165	168	172
South Carolina.....	894	870	875	851	864	874	883	909	913	907	918	935	935
South Dakota.....	158	128	135	136	140	152	172	184	179	172	170	167	167
Tennessee.....	3,341	3,201	3,086	3,174	3,169	3,264	3,247	3,308	3,377	3,536	3,772	3,612	3,345
Texas.....	1,951	1,818	1,829	1,826	1,839	1,926	1,989	2,048	2,044	2,022	2,049	2,006	2,021
Utah.....	100	91	93	95	94	102	109	109	104	106	102	98	103
Vermont.....	152	133	154	143	135	151	152	160	150	168	166	163	153
Virginia.....	2,303	2,089	2,097	2,114	2,299	2,336	2,326	2,405	2,476	2,382	2,421	2,351	2,337
Washington.....	3,234	2,922	2,944	2,936	2,941	3,458	3,395	2,874	3,257	3,752	3,595	3,303	3,372
West Virginia.....	426	362	367	397	415	420	431	429	443	458	464	475	453
Wisconsin.....	4,223	3,914	3,972	3,888	3,849	3,908	4,208	4,339	4,376	4,441	4,545	4,635	4,601

TABLE 7.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	3,076
Reporting expenditures for plant and equipment.....	1,495
Value of products:	
Total for the industry.....	\$320,613,516
Reporting expenditures for plant and equipment.....	201,626,592
Expenditures for plant and equipment:	
Total for the industry.....	5,051,341
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	1,539,433
Expenditures for new machinery and operating equipment.....	2,585,105
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	620,437
Expenditures unclassified.....	306,366

TABLE 8.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

	1939	1937
Inventories:		
Beginning of year, total.....	\$64,310,374	\$52,497,143
Finished products.....	23,233,395	18,169,270
Materials, supplies, etc.....	41,076,979	34,327,873
End of year, total.....	64,243,026	58,783,384
Finished products.....	22,172,120	20,921,435
Materials, supplies, etc.....	42,070,906	37,861,949
Value of products for the industry, total.....	320,613,516	289,523,028
Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand).....	299,788,484	260,503,223
Value for establishments not reporting inventories.....	20,825,032	28,929,805

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Name of establishments.....	3,076
Number of establishments reporting power equipment.....	3,063
Prime movers, aggregate:	
Number.....	1,342
Horsepower.....	191,579
Prime movers, driving generators, total—	
Number.....	276
Horsepower.....	92,512
Steam engines—	
Number.....	211
Horsepower.....	53,338

TABLE 9.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Prime movers—Continued.	
Prime movers driving generators—Continued.	
Steam turbines—	
Number.....	50
Horsepower.....	37,410
Diesel and semi-Diesel engines—	
Number.....	12
Horsepower.....	1,442
Other internal-combustion engines ² —	
Number.....	2
Horsepower.....	52
Hydroturbines and water wheels—	
Number.....	1
Horsepower.....	270
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	6,949
Prime movers not driving generators, total—	
Number.....	1,066
Horsepower.....	99,067
Steam engines—	
Number.....	938
Horsepower.....	87,964
Steam turbines—	
Number.....	26
Horsepower.....	6,050
Diesel and semi-Diesel engines—	
Number.....	26
Horsepower.....	1,759
Other internal-combustion engines ² —	
Number.....	64
Horsepower.....	2,464
Hydroturbines and water wheels—	
Number.....	12
Horsepower.....	830
Prime movers not driving generators, ordinarily idle (included above), horsepower.....	3,321
Generators, kilowatt rating, total.....	63,386
Generators, driven by—	
Steam engines, kilowatt rating.....	35,213
Steam turbines, kilowatt rating.....	27,136
Diesel and semi-Diesel engines, kilowatt rating.....	953
Other internal-combustion engines, ² kilowatt rating.....	34
Hydroturbines and water wheels, kilowatt rating.....	50
Generators, ordinarily idle (included above), kilowatt rating.....	4,836
Electric motors, total:	
Number.....	57,492
Horsepower.....	549,789
Driven by purchased energy—	
Number.....	44,831
Horsepower.....	447,123
Driven by energy generated in establishments reporting—	
Number.....	12,661
Horsepower.....	102,666
Electric energy (kilowatt-hours):	
Generated in plant.....	63,873,485
Sold.....	15,107,316
Purchased.....	158,028,733

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.

PLYWOOD MILLS

[A preliminary report for this industry was issued September 20, 1940]

Description of the industry.—This industry, as constituted for census purposes, embraces establishments primarily engaged in the manufacture of plywood from veneer which is either purchased or produced in the plant. This industry was first made a separate classification at the census for 1939; the establishments formed a part of the former "Lumber and timber products not elsewhere classified" and "Planing-mill products and other wooden products, not elsewhere classified" industries. The 1937 figures are a result of a retabulation of the reports to obtain figures comparable with those for 1939.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1939 AND 1937

CENSUS YEAR	Number of establishments ¹	Wage earners (average for the year) ²	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture ³	Horse-power of prime movers
1939.....	86	9,805	\$9,942,874	\$18,324,679	\$38,878,932	\$20,554,253	12,003
1937.....	77	9,602	9,124,251	17,323,819	35,042,553	17,718,734	(4)

¹ See GENERAL EXPLANATIONS—Definition of establishment.

² See GENERAL EXPLANATIONS—Wage earners and wages.

³ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

⁴ Not called for on schedule.

TABLE 2.—GENERAL STATISTICS IN DETAIL BY STATES: 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

ITEM	United States	Indiana	Michigan	Mississippi	New York	North Carolina	South Carolina	Vermont	Washington	Wisconsin	Other States ¹
Number of establishments ²	86	5	4	4	6	17	7	4	11	8	20
Proprietors and firm members.....	24	2		3		8	1	1	1	2	6
Persons reported by manufacturing establishments, total ³	10,597	841	235	277	391	1,363	786	175	3,258	1,140	2,131
Salaried officers of corporations ⁴	142	16	3	2	16	33	9	3	17	16	27
Manufacturing:											
Salaried employees ⁴	514	58	16	13	32	77	35	9	120	75	79
Wage earners (average for the year) ⁴	9,805	755	212	258	339	1,236	736	158	3,076	1,020	2,015
Distribution.....	92	12	4	4	4	14	2	3	17	22	10
Construction.....	28						4	2	12	6	
Other.....	16					3			16	1	
Salaries and wages, total ⁴	\$11,942,712	\$837,074	\$198,965	\$167,834	\$458,080	\$991,164	\$553,284	\$149,847	\$5,217,904	\$1,228,849	\$2,130,711
Salaried officers ⁴	683,537	67,765	7,800	3,450	62,794	100,588	46,040	15,656	120,486	118,016	140,942
Manufacturing:											
Salaries ⁴	967,264	108,328	21,101	17,643	44,727	106,473	61,582	16,277	277,063	125,967	188,103
Wages.....	9,942,874	634,874	160,444	137,273	388,209	754,399	434,318	109,343	4,672,810	916,119	1,785,085
Distribution.....	276,690	26,107	9,620	9,468	12,350	27,739	6,928	5,950	96,348	56,599	26,681
Construction.....	57,914						4,416	2,621	40,307	10,570	
Other.....	14,433					1,965			10,890	1,578	
Cost of materials, supplies, fuel, purchased electric energy, and contract work, total.....	18,324,679	1,697,243	382,737	294,986	724,323	1,750,493	547,602	155,005	8,116,533	1,604,843	3,060,914
Materials and supplies.....	17,587,282	1,605,371	357,853	285,109	690,031	1,693,201	503,933	148,711	7,870,534	1,520,905	2,911,634
Fuel.....	141,341	15,727	15,562	3,627	18,301	10,007	3,007	2,273	245,999	30,428	42,409
Purchased electric energy.....	533,493	22,365	9,322	6,250	15,321	47,285	40,662	4,021		45,597	90,871
Contract work.....	62,503	53,780			670					8,113	
Value of products.....	38,878,932	2,754,822	658,701	583,126	1,475,366	3,420,213	1,630,450	350,662	17,907,465	3,710,462	6,387,665
Value added by manufacture ⁵	20,554,253	1,057,579	275,964	288,140	751,043	1,669,720	1,082,848	195,657	9,790,932	2,105,619	3,330,751

¹ Alabama, 1 establishment; Arkansas, 1; California, 1; Georgia, 3; Illinois, 2; Kentucky, 2; Missouri, 2; New Jersey, 1; Oregon, 1; Pennsylvania, 3; Tennessee, 1; Virginia, 2.

² See GENERAL EXPLANATIONS—Definition of establishment.

³ See GENERAL EXPLANATIONS—Persons engaged—general classification.

⁴ See GENERAL EXPLANATIONS—Wage earners and wages.

⁵ Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 3.—VALUE OF PRODUCTS FOR THE UNITED STATES: 1939 AND 1937

[Not including data for plywood produced and consumed in further manufacture in the same establishment]

	1939	1937
Plywood Mills industry, all products, total value.....	\$38,878,932	\$35,042,553
Plywood made in this industry.....	37,117,590	33,805,843
Miscellaneous products not classifiable.....	177,810	8,704
Other products (not classified in this industry) ¹	1,683,532	1,223,946
Receipts for custom and contract work.....		4,060
Plywood, aggregate value.....	53,873,636	45,512,120
Plywood made in this industry.....	37,117,590	33,805,843
Plywood made as secondary products in other industries.....	16,756,046	11,706,277

¹ Principally value of merchandise bought and sold in the same condition.

² Principally value of candy sticks and skewers, printing blocks, theater seats, and table tops.

PLYWOOD MILLS

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TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1939 AND 1937

[Quantities of plywood for 1939 were asked for on a $\frac{3}{8}$ " conversion basis, while for 1937 no conversion factor was specified]

PRODUCT	1939			1937
	Produced in the industry	Produced in other industries ¹	Aggregate	
Total value.....	\$37,117,590	\$16,755,046	\$53,873,636	\$45,512,120
Utility plywood (for boxes, construction, etc.), total value.....	\$26,269,382	\$13,894,380	\$40,163,768	\$30,017,643
Douglas fir: ²				
Quantity and value reported—				
M square feet.....	639,398	316,097	955,495	767,737
Value.....	\$19,778,792	\$9,872,133	\$29,650,925	\$21,870,614
Value only reported.....		\$40,343	\$40,343	\$44,682
Other softwoods:				
Quantity and value reported—				
M square feet.....	10,510	41,565	52,075	(3)
Value.....	\$400,917	\$1,759,211	\$2,160,128	
Value only reported.....	\$256,778	\$14,557	\$271,335	
Hardwoods:				
Quantity and value reported—				
M square feet.....	82,834	58,480	141,314	160,693
Value.....	\$3,718,382	\$2,060,786	\$5,779,168	\$5,005,619
Value only reported.....	\$2,114,513	\$147,356	\$2,261,869	\$3,096,728
Plain and fancy plywood (for decorative uses), total value.....	\$10,848,208	\$2,861,660	\$13,709,868	\$15,494,477
Douglas fir:				
Quantity and value reported—				
M square feet.....	926	1,510	2,436	14,705
Value.....	\$37,060	\$86,410	\$123,470	\$369,725
Value only reported.....		\$13,532	\$13,532	\$61,626
Other softwoods:				
Quantity and value reported—				
M square feet.....		2,600	2,600	(3)
Value.....		\$150,042	\$150,042	
Value only reported.....	\$561,093	\$88,023	\$649,116	
Hardwoods:				
Quantity and value reported—				
M square feet.....	69,325	23,763	93,088	103,895
Value.....	\$8,266,967	\$1,397,301	\$9,664,268	\$11,525,290
Value only reported.....	\$1,983,088	\$1,126,352	\$3,109,440	\$3,487,836

¹ Principally in the "Lumber and Timber Basic Products" group.² Produced principally in the State of Washington.³ Included with data for "Hardwoods."

TABLE 5.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS, FOR THE UNITED STATES, 1939 AND 1937, AND BY STATES, 1939

[See GENERAL EXPLANATIONS—Disclosure of data for individual establishments]

STATE	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
United States:													
1939.....	9,805	8,862	8,954	9,164	9,245	9,456	9,641	9,864	10,158	10,339	10,634	10,729	10,610
1937.....	9,602	9,794	9,927	10,151	10,202	10,095	10,124	10,094	9,612	9,422	8,855	8,638	8,313
Georgia.....	398	393	393	395	395	395	397	398	398	398	397	398	398
Indiana.....	755	520	500	483	520	677	764	855	925	969	971	1,015	863
Michigan.....	212	190	193	199	171	159	178	198	219	242	258	265	261
Mississippi.....	258	274	266	253	246	242	238	252	262	284	275	253	257
New York.....	339	289	313	330	317	316	330	342	337	322	375	387	412
North Carolina.....	1,236	1,215	1,210	1,215	1,195	1,203	1,221	1,211	1,240	1,281	1,296	1,274	1,271
Pennsylvania.....	209	164	191	218	227	214	211	207	207	206	222	221	219
South Carolina.....	736	696	705	721	721	713	707	722	742	743	772	803	790
Vermont.....	158	165	156	162	166	155	147	142	148	153	165	171	164
Washington.....	3,076	2,866	2,921	3,005	3,012	3,038	3,088	3,162	3,191	3,145	3,152	3,163	3,177
Wisconsin.....	1,020	929	895	922	926	950	960	980	1,042	1,105	1,172	1,177	1,179

CENSUS OF MANUFACTURES: 1939

TABLE 6.—EXPENDITURES FOR PLANT AND EQUIPMENT: 1939

	1939
Number of establishments:	
Total for the industry.....	86
Reporting expenditures for plant and equipment.....	55
Value of products:	
Total for the industry.....	\$38, 878, 932
Reporting expenditures for plant and equipment.....	30, 036, 960
Expenditures for plant and equipment:	
Total for the industry.....	731, 182
Expenditures for new construction or major alterations of buildings and other fixed plant and structures.....	126, 052
Expenditures for new machinery and operating equipment.....	550, 338
Expenditures for plant and equipment acquired in a "used" condition from other owners and expenditures for land.....	54, 792

TABLE 7.—VALUE OF INVENTORIES OF MATERIALS AND FINISHED PRODUCTS, AND VALUE OF PRODUCTS: 1939 AND 1937

	1939	1937
Inventories:		
Beginning of year, total.....	\$4, 636, 675	\$3, 768, 266
Finished products.....	1, 204, 034	1, 235, 737
Materials, supplies, etc.....	3, 432, 641	2, 532, 529
End of year, total.....	5, 648, 320	4, 010, 788
Finished products.....	1, 297, 282	1, 237, 953
Materials, supplies, etc.....	4, 351, 038	2, 778, 835
Value of products for the industry, total.....	38, 878, 932	35, 042, 553
Value for establishments reporting inventories (includes value of products of establishments reporting no inventories on hand).....	38, 750, 128	32, 835, 902
Value for establishments not reporting inventories.....	128, 804	2, 206, 651

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹

	1939
Number of establishments.....	86
Number of establishments reporting power equipment.....	85
Prime movers, aggregate:	
Number.....	84
Horsepower.....	12, 603
Prime movers, driving generators, total—	
Number.....	29
Horsepower.....	9, 181

TABLE 8.—PRIME MOVERS, MOTORS, GENERATORS, AND ELECTRIC ENERGY: 1939¹—Continued

	1939
Prime movers—Continued.	
Prime movers, driving generators—Continued.	
Steam engines—	
Number.....	20
Horsepower.....	4, 706
Steam turbines—	
Number.....	7
Horsepower.....	4, 155
Diesel and semi-Diesel engines—	
Number.....	1
Horsepower.....	24C
Other internal-combustion engines ² —	
Number.....	1
Horsepower.....	80
Prime movers, driving generators, ordinarily idle (included above), horsepower.....	180
Prime movers not driving generators, total—	
Number.....	55
Horsepower.....	3, 422
Steam engines—	
Number.....	53
Horsepower.....	3, 297
Diesel and semi-Diesel engines—	
Number.....	1
Horsepower.....	85
Hydroturbines and water wheels—	
Number.....	1
Horsepower.....	40
Prime movers not driving generators, ordinarily idle (included above), horsepower.....	200
Generators, kilowatt rating, total.....	6, 180
Generators, driven by—	
Steam engines, kilowatt rating.....	3, 000
Steam turbines, kilowatt rating.....	2, 945
Diesel and semi-Diesel engines, kilowatt rating.....	160
Other internal-combustion engines, ² kilowatt rating.....	75
Hydroturbines and water wheels, kilowatt rating.....	120
Generators, ordinarily idle (included above), kilowatt rating.....	120
Electric motors, total:	
Number.....	4, 844
Horsepower.....	46, 477
Driven by purchased energy—	
Number.....	3, 841
Horsepower.....	37, 312
Driven by energy generated in establishments reporting—	
Number.....	1, 003
Horsepower.....	8, 165
Electric energy (kilowatt-hours):	
Generated in plant.....	7, 580, 657
Sold.....	28, 640
Purchased.....	55, 677, 029

¹ Comparable data for 1929 not available.² Gas, gasoline, etc.