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Collection

A Forest Industries Survey of Oklahoma

By
ED. R. LINN
Department of Forestry

OKLAHOMA AGRICULTURAL EXPERIMENT STATION
Oklahoma A. and M. College, Stillwater

W. L. BLIZZARD, *Director*

LOUIS E. HAWKINS, *Vice Director*

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A Forest Industries Survey of Oklahoma

By ED. R. LINN*
Associate Forester

Oklahoma's forest industry, although overshadowed in size by other industries, is nevertheless of tremendous importance to the people of the State. The forest industry, broadly speaking, involves not only the growing of trees and the processing of lumber, but also questions of conservation, erosion control, shelterbelts, and water storage and control.

Oklahoma's forests have possibilities which need to be developed. A first step toward their development is accurate knowledge of the extent and location of forests, sawmills, and wood-using industries. Such information is not available in the usually published statistical reports, because Oklahoma has not been considered an important forest state. Therefore in 1947 the Experiment Station began a survey, the results of which are published in this bulletin.

The information developed in this survey is here presented in four parts:

(1) A general description of the extent, importance and development of the forest industry in Oklahoma.

(2) A directory of the wood-using industries of the State (Pages 13-29). This directory of sawmills and processing plants will be helpful to farmers owning forest land and timber when seeking a place to sell their trees. It also provides a source of information for those who buy wood for further processing, and for individuals and businesses needing wood products for use in their activities.

(3) A table showing sawmills by counties (Page 30).

(4) An analysis of wood-using plants other than sawmills by type of product and woods used or treated (Pages 31-35).

* The author extends acknowledgement and appreciation to the several county agents and other county officials for their help in supplying information and locating small sawmills; to Mr. Harry P. Rigdon, Extension Farm Forester, for his help with the sawmill list; and to Mr. Albert C. Morley, Assistant Extension Forester, for collecting field data in six counties. He also expresses sincere appreciation for the courtesies extended and the cheerful cooperation so freely given by the hundreds of men in the industry with whom contact was made during the months the data were being collected.

OKLAHOMA'S FOREST INDUSTRY

Size and Economic Importance

The Experiment Station's survey showed that total production and use of wood, and employment in forest industry, is surprisingly larger than persons not in close touch with the industry in this State would suspect. (Table I).

The State in 1947 had 297 sawmills employing more than 1900 men in over 3 million man-hours of work and produced over 137 million board feet of lumber (Table II and Figure 1). The further processing of some part of this lumber plus the processing of wood not run through a sawmill and additional wood shipped into the state is carried on in 155 plants. These plants employed more

TABLE I.—Summary of Primary and Secondary Wood Consuming Plants in Oklahoma.

	Number of Plants	Vol. M. bd. ft. Production or Processing	Man-Hours per Year	Number of Employees
Sawmills	297	137,115	3,313,500	1938
Wood consuming or processing plants	155	209,215	5,757,670	2622
Total	452	346,330	9,071,170	4560

TABLE II.—Oklahoma Sawmills—1947.

	Number of Mills	Lumber Cut 1000 bd. ft.	Man-Hours Employment	Number of Employees
Pine Mills				
Class 1	69	9,235	202,810	198
Class 2	25	19,450	205,800	161
Class 3	6	15,000	119,200	70
Classes (4-5-6)	3	29,700	1,187,200	497
Pine Totals	103	73,385	1,715,010	926
Hardwood Mills				
Class 1	182	32,130	548,330	536
Class 2	7	4,600	60,160	42
Classes (3-4-5-6)	5	27,000	990,000	434
Hardwood Totals	194	63,730	1,598,490	1012
Pine and Hardwood Totals	297	137,115	3,313,500	1938

MILL CLASSIFICATIONS, number of board feet daily capacity:

- 1-0 to 4.9 thousand board feet
- 2-5 to 9.9 thousand board feet
- 3-10 to 19.9 thousand board feet
- 4, 5 and 6-20 or more thousand board feet

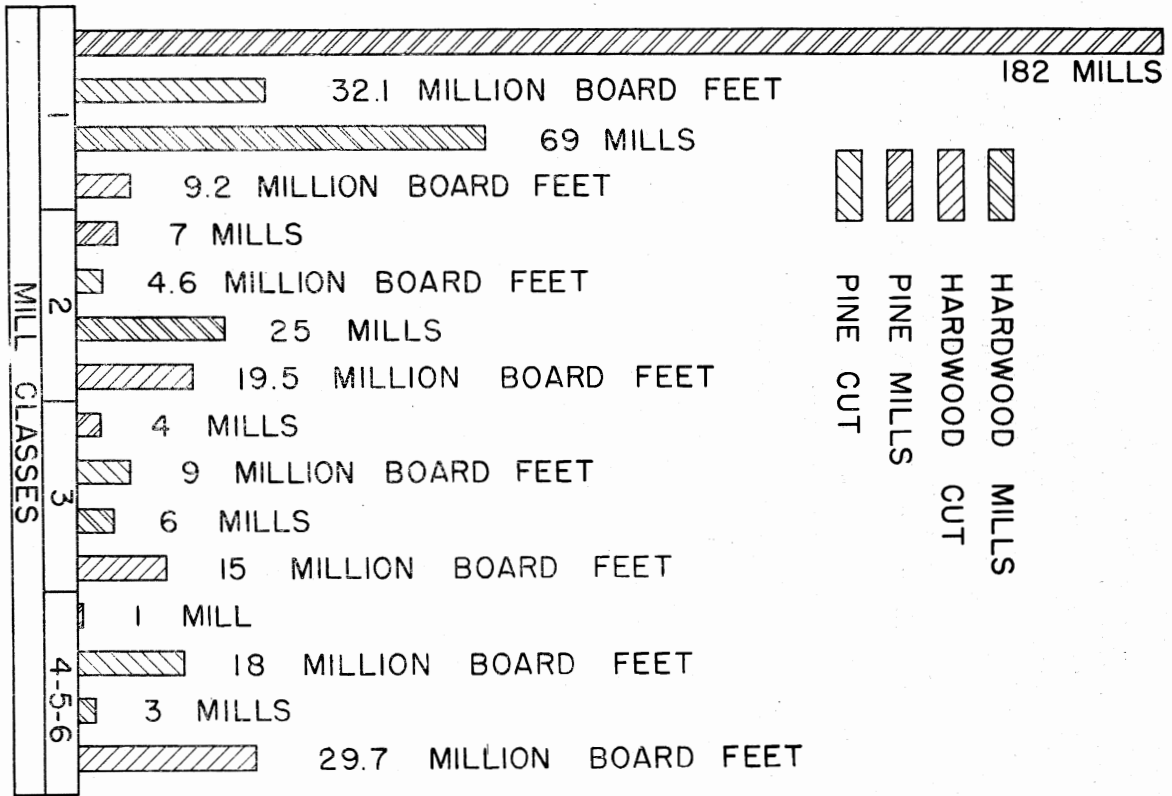


Fig. 1.—Oklahoma Sawmills and Their Production, by Mill Classes.

than 2600 men in almost 6 million man-hours of work to process at least 209 million feet of wood. (Table III and Figure 2). Some more millions of board feet added to the 16 millions of board feet in the miscellaneous column would give a more correct picture of the volume of wood processed.

The grand total of employees would be more than five-thousand and the man-hours more than ten million if the foregoing figures included the woods labor in cutting and delivering the logs to the mill (for material cut in the state) and the labor in getting bolts, poles, fence posts, etc., to other processing plants. Nor does the timber-use figure given above include that used for constructing buildings.

Wages for labor vary from 60 cents per hour for common labor to \$1.50 to \$1.75 per hour for highly skilled workers. If the wages or salaries of the supervisory forces were added to those of the labor forces, the annual payroll would be 10 million dollars per year or more.

Small sawmills do not run continuously. They may work a few days or a number of months per year. Labor is recruited from the rural population. The actual number of men employed full- or part-time in a year greatly exceeds the totals given in Table I. Man-hours of work calculated from volume of lumber produced is a better representative figure of the industry's performance.

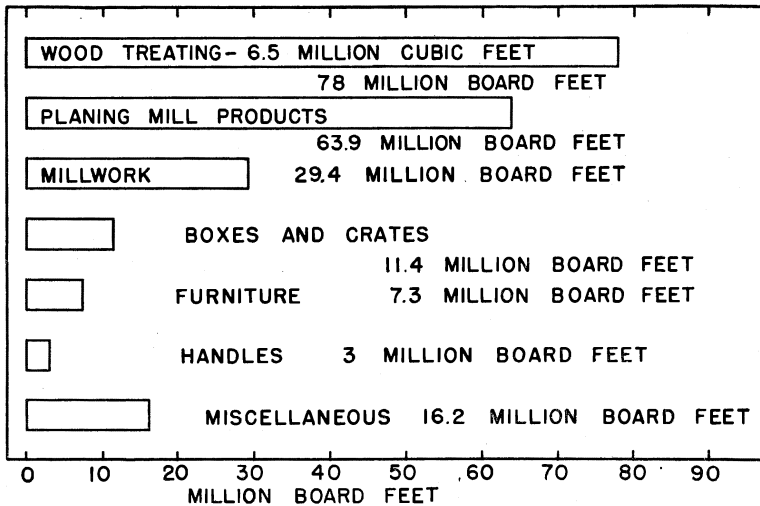


Fig. 2.—Volumes of Wood Processed in Wood-using Industries Other Than Sawmills.

Oklahoma Forest Areas

Although only Eastern Oklahoma is generally considered forest area, there is actually some forest land in all parts of the State (Figure 3), (Table IV).

The main or so-called commercial forest area lies chiefly in the 16 counties in the east and southeast parts of the State. Almost 6 million acres (63%) of the 9.5 million acres in this section is forest land (land that is more suitable for the growth of timber than for

TABLE III.—Summary of Wood-Using Plants Other Than Sawmills.

Type of Plants	Number	Volume in M. bd. ft.	Man-Hours per Year	Number of Employees
Wood Preserving				
Creosoting	4	72,000	656,000	278
Non-Pressure	8	6,000	62,600	34
Sub-Total	12	78,000	718,600	312
*Planing Mills	34	63,875	466,800	267
*Millwork, etc.	70	29,386	1,941,460	840
Boxes and Crates	4	11,350	302,400	126
Furniture	11	7,304	1,758,460	815
Handles	5	3,100	144,000	65
Sub-Total	136	193,015	5,331,720	2,425
**Miscellaneous (Wood-using Industries 15 Classifications)	19	16,200	425,950	197
Totals	155	209,215	6,757,670	2,622

* The volumes of wood used in planing mill products, millwork, boxes and crates are those consumed by plants not integrated with sawmills. The amounts of wood further processed by the larger sawmill companies having processing plants, increases these volumes by a number of millions of feet.

** Includes railroad ties, caskets, wood awnings, patterns, boats, overhead doors, hardwood flooring, tanks, oil field woodwork, truck bodies, charcoal, pulpwood, walnut logs, and novelties.

TABLE IV.—Oklahoma Forests. Classified on County Lines, Millions of Acres in Commercial Forest Land.

	Number of Counties	Total Land Area Millions of Acres	Commercial Forest Land	
			Area Millions of Acres	Percent of Total Land Area
Eastern (Pine Hardwoods)	16	9.5	5.9	63%
Central (Post Oak, Blackjack)	32	15.6	3.8	24%
Western (Shelterbelt)	29	18.9	0.6	3%
Totals	77	44.0	10.3	23%

Twenty-three percent of Oklahoma, or 10.3 million acres of the total 44 million acres is in commercial forest land. The forested acres in the central and western areas, though generally not as high in quality as the eastern area, are of economic importance and are becoming more important yearly.

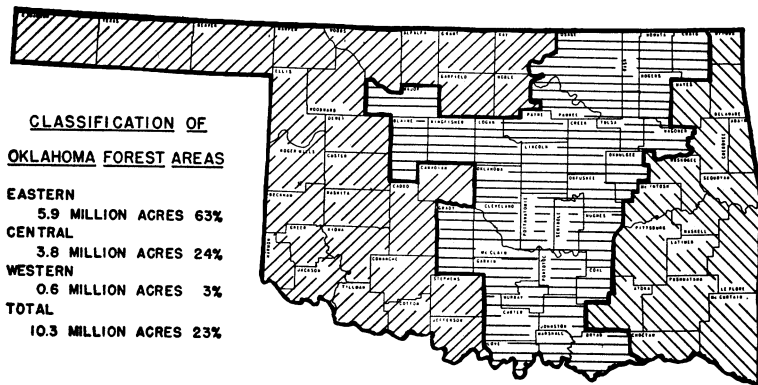


Fig. 3.—Classification of Oklahoma Forest Areas.

any other crop). It is here that the largest volume of Oklahoma lumber is produced.

The 32 counties lying in a broad band through the central part of the State, with an area of 15.6 million acres, have 3.8 million acres (24%) of the land classified as commercial forest. This forest land is not the best, but its economic importance is increasing as the demand for wood continues.

The remaining 29 counties in Western Oklahoma, with an area of 19.9 million acres, have 576 thousand acres of commercial timberland, or less than 3% of the area.

Historical Development

Oklahoma, lying roughly in the center of the United States, developed its wood-using industry through the use of wood species drawn from its own forests, from the adjacent states lying east and south, and from the forests of the West. As population and industry increased in Oklahoma, the wood-using industries other than sawmills and planing mills drew more of their raw materials from western sources. The West now supplies well over 100 million board feet per year. This condition is due to Oklahoma's geographical location and the consequent freight rate situation, coupled with the fact that the early sawmills shipped their products to the markets in the North, and this trend continues to influence sales.

Long before Oklahoma became a State, there was a lumber industry in the Territory. As the increasing tide of humanity rolled westward, after the "War between the States," wood was needed to provide homes and other buildings for the settlers, ties and building materials for the railroads and for a host of newly started business enterprises.

To supply the ever-increasing demand for building materials, "hardy souls," the early lumbermen, pushed south into the forests of Missouri, Arkansas, and the Territory. Soon a well-established industry was busily engaged in converting trees into boards, with no thought for the future of the industry. Only a few men were concerned in building a permanent industry for their children or grandchildren. The wood was there—the country needed it—and the demand was supplied.

The first statistical data of lumber production in Oklahoma was for the year 1889 when two million feet of pine was the reported cut. The year Oklahoma became a State (1907), the pine sawmills cut almost 94 million feet of lumber. Many thousand feet of hardwoods were also cut during these early years. Railroads needed oak for ties. White oak for tight cooperage staves took choice trees. In many areas, the hardwoods were felled and burned to make room for homesites. Forest trees were a nuisance, and forest land was "cheaper than dirt."

In 1916 Oklahoma reached the peak in the production with a reported cut of 236 million board feet of pine. The volume of pine lumber cut per year decreased, from that time on down to the present, with the fluctuating economic conditions of the country. The reported cut of pine for 1940 was 140 million feet. In 1932 (a low year), the cut was only 62.5 million board feet of pine.

World War II and its aftermath stimulated lumber production. This survey estimates a cut of 73.4 million board feet of pine lumber and a cut of 63.7 million board feet of hardwoods for the year 1947.

Early in this century, a sort of pattern began to take shape for the forest industries in Oklahoma. A few men saw the importance of owning timberland from which to harvest continued crops of lumber, ties, poles, stave and handle bolts, fence posts, etc. Some fairly large blocks of timberland were acquired. However, it was not until 1924 that any real effort was made to check forest fires which were running rampant every year. The woods were repeatedly fired, through carelessness and deliberate incendiarism. Fire was presumed to make the forage greener and more plentiful in the woods, so a man's livestock could be grazed on forest land, usually owned by someone else. The State Forestry Department has had a struggle to carry on its activities of protecting and improving the forests of Oklahoma.

DIRECTORY OF THE WOOD-USING INDUSTRIES OF OKLAHOMA

The following directory of the wood-using industries of Oklahoma is classified by counties and by several broad divisions; viz., sawmills, planing mills, and other wood-using or wood processing plants such as creosoting plants and manufacturers of boxes and crates, furniture, wood awnings, cabinets, millwork, etc.

Portable sawmills change locations frequently; likewise, ownership changes continuously. Because of these factors as well as the time and personnel limitation of the survey, the list of small sawmills is not complete, and some of the addresses or locations printed may vary from the actual conditions.

The list of wood-working plants includes the small plants having two or more men who work full-time in the shops using standard wood-working machinery. There are also many small part-time shops working with wood; these are not included in the report.

Explanation of Abbreviations Used in the Directory

pm—portable mill	CREO—cresote plant
sm—stationary mill	CAB—cabinets
P—pine lumber	S & D—sash and doors
H—hardwood lumber	FUR—furniture
S—sawmill	FLO—flooring
PL—planing mill	HAN—handles
B—boxes	C—crates
EC—egg cases	

The numbers in the code indicate the rated daily productive capacity of the sawmill according to the following classification:

Mill Class 1	Daily Cut	0—	4.9 m. board feet
Mill Class 2	Daily Cut	5—	9.9 m. board feet
Mill Class 3	Daily Cut	10—	19.9 m. board feet
Mill Class 4	Daily Cut	20—	39.9 m. board feet
Mill Class 5	Daily Cut	40—	59.9 m. board feet
Mill Class 6	Daily Cut	60—	Over m. board feet

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Adair County			
Denver B. Adair, Stilwell, Rt. 2	Sawmill	Hardwood Lumber	1, pm
George Blackwood, Westville, Rt. 2	Sawmill	Hardwood Lumber	1, pm
H. D. Broughton, Westville, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Loy Beatty, Stilwell, Rt. 4	Sawmill	Hardwood Lumber	1, pm
Jesse Christy, Welling	Sawmill	Hardwood Lumber	1, pm
G. A. Dobbs, Stilwell, Star Rt.	Sawmill	Hardwood Lumber	1, pm
Hardin Denney, Stillwell	Sawmill	Hardwood Lumber	1, pm
Ben Fuson, Bunch, Rt. 3	Sawmill	Hardwood Lumber	1, pm
J. F. Graves (Lincoln, Arkansas)	Sawmill	Hardwood Lumber	1, pm
Major Guinn, Stilwell, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Jesse Hastings, Westville, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Dick Hooper, Stilwell, Rt. 3	Sawmill	Hardwood Lumber	1, pm
Marion C. Howard, Westville, Rt. 2	Sawmill	Hardwood Lumber	1, pm
T. M. Jones, Stilwell, Rt. 4	Sawmill	Hardwood Lumber	1, pm
W. I. Kester, Stilwell, Church Rt.	Sawmill	Hardwood Lumber	1, pm
H. M. Marshall & Son, Westville, Rt. 2	Sawmill	Hardwood Lumber	1, pm
E. Padgett, Stilwell, Rt. 3	Sawmill	Hardwood Lumber	1, pm
J. H. Parker, Stilwell	Sawmill	Hardwood Lumber	1, pm
Marion Parker, Procter	Sawmill	Hardwood Lumber	1, pm
John Poor, Stilwell, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Tom Walkingstick, Stilwell	Sawmill	Hardwood Lumber	1, pm
Richard D. Wolfe, Stilwell, Rt. 4	Sawmill	Hardwood Lumber	1, pm
Amos Handle Co., Stilwell	Handles	Striking	
Reese Tie Co., Stilwell	Tie Buyer	Railroad Ties	
Thomson Hayward Chemical Co., Baron	Charcoal Kilns	Charcoal	
Atoka County			
Glen Adkinson, Caney	Sawmill	Pine & Hdw. Lbr.	1, pm
W. T. Beal, Lane, Rt. 1	Sawmill	Pine & Hdw. Lbr.	1, pm
Mac Burns, Atoka	Sawmill	Pine & Hdw. Lbr.	1, pm
Smith Butler, Farris	Sawmill	Pine & Hdw. Lbr.	1, pm
Edgar Coyle, Bentley	Sawmill	Pine & Hdw. Lbr.	1, pm
Dodson Lumber Co., Lane	Sawmill & PL	Pine & Hdw. Lbr.	3, sm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Atoka County (Cont.)			
M. L. Eaves, Lane	Sawmill	Pine & Hdw. Lbr.	1, pm
D. R. Fugate, Stringtown	Sawmill	Pine & Hdw. Lbr.	1, pm
George Goforth, Farris	Sawmill	Pine & Hdw. Lbr.	1, pm
Graves Lumber Co., Inc., Farris	Sawmill	Pine & Hdw. Lbr.	3, sm
Graves Lumber Co. No. 2, S. of Farris	Sawmill & PL	Pine & Hdw. Lbr.	2, pm
Ernest Haggard, Atoka	Sawmill	Pine & Hdw. Lbr.	1, pm
Hammond & Saunders, Lane	Sawmill	Hardwood Lumber	1, pm
James Harrison, Atoka	Sawmill	Pine & Hdw. Lbr.	1, pm
Virgil Lingdorf, Caney	Sawmill	Pine & Hdw. Lbr.	1, pm
R. N. Maine, Stringtown	Sawmill	Pine & Hdw. Lbr.	1, pm
Wiley Messick, Stringtown	Sawmill	Pine & Hdw. Lbr.	1, pm
Escar Phillips, Crystal	Sawmill	Pine & Hdw. Lbr.	1, pm
S. L. Smith, Caney	Sawmill	Pine & Hdw. Lbr.	1, pm
Cecil Womack, Rattan	Sawmill	Pine Lumber	2, pm
S. J. Woods, Atoka, Rt. 2	Sawmill	Pine & Hdw. Lbr.	1, pm
Bryan County			
H. C. Jackson, Bennington	Sawmill	Hardwood Lumber	1, pm
S. L. McKenzie, Bokochito, Rt. 3	Sawmill	Hardwood Lumber	1, pm
Durant Box Co., Durant	Box Factory	B, EC, C	
Carter County			
Bronson-Potts Mill, Lone Grove	Sawmill	Hardwood Lumber	1, pm
Greenland Lumber Co., Ardmore	Sawmill	Hardwood Lumber	1, pm
Floyd Miller, 2 mi. N. Dickson High	Sawmill	Hardwood Lumber	1, pm
Frayky Mfg. Co., Ardmore	Millwork	CAB, Toys, Boats	
Lafton Planing Mill, Ardmore	Planing Mill & Millwork	CAB, Windows, and Doors	
Lumbermans Millwork & Supply Co., Ardmore	Millwork	S & D, and CAB	

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Cherokee County			
Roy Anderson, Tahlequah, Rt. 3	Sawmill	Hardwood Lumber	1, pm
H. J. Armstrong, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
Ray Black, Tahlequah, Peggs Rt. 50	Sawmill	Hardwood Lumber	1, pm
V. M. Bradley, Cookson, Parkhill Rt.	Sawmill	Hardwood Lumber	1, pm
Hurchell Campbell, Stilwell, Rt. 3	Sawmill	Hardwood Lumber	1, pm
C. L. Coursey, Parkhill, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Cecil Cragin, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
R. L. Fair, Proctor, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Gorman Mfg. Co., Peggs	Sawmill	Hardwood Lumber	1, pm
T. M. Hutchins, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
Glen B. Hubbard, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
Orville Hutchins, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
W. M. Lillard, Cookson, Park Hill Rt.	Sawmill	Hardwood Lumber	1, pm
J. M. Ogle, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
A. A. Perry, Barber	Sawmill	Hardwood Lumber	1, pm
H. W. Stephens, Tahlequah, No. 2 Park Hill	Sawmill	Hardwood Lumber	1, pm
J. D. Tincher, Tahlequah, Loop Rt.	Sawmill	Hardwood Lumber	1, pm
Oscar Tyer, Scraper, Rt. 10	Sawmill	Hardwood Lumber	1, pm
L. M. Walker, Cookson, Park Hill Rt.	Sawmill	Hardwood Lumber	1, pm
Clayton W. Wallace, Stilwell, Rt. 4	Sawmill	Hardwood Lumber	1, pm
James & Rufus Willis, Cookson	Sawmill	Hardwood Lumber	1, pm
Bell Handle Co., Tahlequah	Tool Handles	Ash and Hickory Handles	
Choctaw County			
Thelma Bookout, Corrine, Rt. 2	Sawmill	Pine & Hdw. Lbr.	1, pm
Mrs. T. J. Burris, Ft. Towson	Sawmill	Pine & Lumber	1, pm
Raymond Campbell, Hugo	Sawmill	Pine & Hdw. Lbr.	1, pm
Colton & Howe, Hugo	Sawmill	Pine & Hdw. Lbr.	1, pm
A. C. Hall, Boswell	Sawmill	Pine & Hdw. Lbr.	1, pm
J. L. Hinsley, Hugo, Rt. 2	Sawmill	Pine & Hdw. Lbr.	1, pm
Walter Larecy, Boswell	Sawmill	Pine & Hdw. Lbr.	1, pm
W. R. Mallery, Spencerville	Sawmill	Pine & Hdw. Lbr.	1, pm

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Choctaw County (Cont.)			
Elvin Morris, Ft. Towson	Sawmill	Pine & Hdw. Lbr.	1, pm
Dave Nichols, Boswell	Sawmill	Pine & Hdw. Lbr.	1, pm
Webb Peters, Hugo, Rt. 2	Sawmill	Pine & Hdw. Lbr.	2, pm
Albert Selby, Boswell	Sawmill	Pine & Hdw. Lbr.	1, pm
Jeff Self, Soper	Sawmill	Pine & Hdw. Lbr.	1, pm
W. R. Tidmore, Swink	Sawmill	Pine & Hdw. Lbr.	1, pm
S. V. Tucker, Ft. Towson	Sawmill	Pine & Hdw. Lbr.	1, pm
L. D. Walkup, Valliant, Rt. 1	Sawmill	Pine & Hdw. Lbr.	1, pm
R. M. Fry Lumber Co., Hugo	Planing Mill	Pine Lumber	
Smith Bros., Ft. Towson	Planing Mill	Pine & Hdw. Lbr.	
American Creosoting Co., Hugo	CREO	Oak Ties	
Cleveland County			
Lee Bettis, Norman, Rt. 2	Sawmill	Hardwood Lumber	1, pm
Norman Builders Supply Company, Norman	Lbr. & CAB Shop	Lbr. & CAB Shop	
Coal County			
Leon Baker & Zachery, Coalgate, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Wilmer Boldin, Coalgate	Sawmill	Hardwood Lumber	1, pm
Marvin Brashears, Tupelo	Sawmill	Hardwood Lumber	1, pm
Arthur Brown, Olney	Sawmill	Hardwood Lumber	1, pm
O. F. Gray, Coalgate, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Orvil Long, Coalgate	Sawmill	Hardwood Lumber	1, pm
Charlie Parrent, Coalgate, Rt. 4	Sawmill	Hardwood Lumber	1, pm
Comanche County			
Runyan Saw Mill, Lawton	Sawmill	Hardwood Lumber	1, pm
Harper Johnson Millwork Co., Lawton	Millwork	S & D, Trim Cabinets	
Lawton Cabinet Shop, Lawton	Millwork	CAB, Screens,	
Lawton Woodworking Co., Lawton	Millwork	Truck Beds	
Craig County			
Jess Farrell, Vinita	Sawmill	Hardwood Lumber	1, pm
Jack Schwartz, Vinita, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Jess Sickler, Vinita, Rt. 3	Sawmill	Hardwood Lumber	1, pm
Jack Williams, Miami	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Garfield County			
Enid Planing Mill, Enid	Woodworking	Cabinets	
Universal Manufacturing Company, Enid	Woodworking	Sectional Houses	
Garvin County			
Charles Hedrick, Hennepin	Sawmill	Hardwood Lumber	1, pm
Womack Cabinet Shop, Pauls Valley	Millwork	Cabinets	
Grady County			
R. D. Marks & Son, Chickasha	CAB & Millwork	Cabinets	
Greer County			
Anderson Wood Works, Mangum	Woodworking	Cabinets & Screens	
Mangum Screen and Cabinet Shop, Mangum	Woodworking	Cabinets & Screens	
Haskell County			
A. A. Carter, Quinten	Sawmill	Hardwood Lumber	2, pm
J. H. Dubese, Stigler	Sawmill	Hardwood Lumber	1, pm
W. J. Martin, Leguire	Sawmill	Hardwood Lumber	1, pm
Doc Miller, Keota, Rt. 3	Sawmill	Hardwood Lumber	2, pm
Stigler Lumber and Manufacturing Co., Stigler	Sawmill	Hardwood Lumber	1, pm
Monte Webster, Whitefield	Sawmill	Hardwood Lumber	1, pm
Ames Williams, McCurtain	Sawmill	Hardwood Lumber	1, pm
Hughes County			
Jack Bogus, Wetumka	Sawmill	Hardwood Lumber	1, pm
John Day, Calvin	Sawmill	Hardwood Lumber	1, pm
E. Ruby, Rubytown	Sawmill	Hardwood Lumber	1, pm
United Manufacturing Co., Holdenville	FUR Factory	Furniture	
Jackson County			
Altus Millwork Company, Altus	Millwork	Cabinets	
Johnston County			
John Chaney, Milburn	Sawmill	Hardwood Lumber	1, pm
O. L. Hillburn, Wapanucka	Sawmill	Hardwood Lumber	1, pm
Hal Howell & Joe Bailey, Mill Creek	Sawmill	Hardwood Lumber	1, pm
J. Johnston, Tishomingo	Sawmill	Hardwood Lumber	1, pm
Royal Laughlin, Milburn	Sawmill	Hardwood Lumber	1, pm
Toma Pexten, Tishomingo	Sawmill	Hardwood Lumber	1, pm
Charles Wiggenton, Troy	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Kay County			
Al's Planing Mill, Ponca City	Millwork	Cabinets	
Frohock Planing Mill, Blackwell	Millwork Contractors	Cabinets and Contract Work	
Randell Bros. Planing Mill, Ponca City	Millwork	CAB & Woodworking	
R. W. Schaab Cabinet Shop, Tonkawa	Millwork	Cabinets	
Taton Bros. Planing Mill, Blackwell	Millwork	Woodworking	
T. A. Todd, Newkirk	Millwork	Cabinets	
Wetmore Pulverizer & Machine Shop, Tonkawa	Hammermill Mfg.	B & C for Machinery	
Williams Planing Mill, Ponca City	Millwork	Cabinets	
Latimer County			
W. A. Allen, Wilburton	Sawmill	Pine Lumber	1, pm
Tony Bruce, Talihina	Sawmill	Pine Lumber	1, pm
Donald Carrigan, Cravens	Sawmill	Pine Lumber	1, pm
M. C. Cogburn, Red Oak, Rt. 1	Sawmill	Pine & Hdw. Lbr.	1, pm
James Collins, Wilburton	Sawmill	Pine & Hdw. Lbr.	1, pm
O. E. Dye, Red Oak	Sawmill	Pine Lumber	1, pm
Charles Gallagher, Red Oak	Sawmill	Pine Lumber	2, pm
Ernest Hicks, Albion	Sawmill	Pine Lumber	1, pm
J. L. Lunna, Red Oak	Sawmill	Pine Lumber	1, pm
W. J. Mackey, Wilburton	Sawmill	Pine Lumber	1, pm
John Mankins, Panola	Sawmill	Pine Lumber	2, pm
R. L. Myers, Muse	Sawmill	Pine Lumber	1, pm
E. O. Rowland, Wilburton	Sawmill	Pine & Hdw. Lbr.	1, pm
W. H. Smith, Octavia	Sawmill	Pine Lumber	2, pm
Jesse Spruell, Talihina	Sawmill	Pine Lumber	1, pm
J. F. Wallace, Wilburton	Sawmill	Pine & Hdw. Lbr.	1, pm
Joe Wise, Wilburton	Sawmill	Pine Lumber	1, pm
Wilburton Lumber Company, Wilburton	Planing Mill	Pine Lumber	
Wilburton Milling Company, Wilburton	Planing Mill	Finishing Flooring	
A. J. Adams, Bengal (Rep. Potosi Tie & Lumber Co.)	Tie Buyer	Ties	

Forest Industries Survey of Oklahoma

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
LeFlore County			
Addison Lumber Co., Heavener	S & PL & Yard	Pine & Hdw. Lbr.	2, pm
Fred L. Baker, Hodgen	Sawmill	Pine Lumber	1, pm
Burnett Lumber Co., Heavener	S & PL & Yard	Pine Lumber	4, sm
Edgar Haney, Monroe	Sawmill	Pine Lumber	1, pm
W. E. Keeney, Hodgen	Sawmill	Pine Lumber	1, pm
Clyde Killiam, Wister	Sawmill	Hardwood Lumber	1, pm
Knebel Lumber Co., Talihina	Sawmill	Pine Lumber	2, pm
LeFlore Lbr. & Milling Co., Talihina	S & PL	Pine Lumber	3, sm
Rufus Montgomery, Heavener	Sawmill	Pine Lumber	2, pm
H. A. Nichols, Poteau	Sawmill	Pine Lumber	1, pm
M. C. Nichols, Wister	Sawmill	Pine Lumber	1, pm
R. Pierce, Cameron	Sawmill	Pine Lumber	1, pm
Joe Pruitt, Wister	S and Bridge Timbers	Hardwood Lumber	1, pm
Smith Lumber Co., Octavia	Sawmill	Pine Lumber	2, pm
Duke Wilson, Octavia	Sawmill	Pine Lumber	2, pm
Roy Woods, LeFlore	Sawmill	Pine Lumber	1, pm
Geo. Ollies Lumber Co., Panama	Planing Mill	Pine & Hdw. Lbr.	
Geo. Cline (Burnett), Heavener	Pulpwood	Pine Pulpwood	
Joslyn Mfg. & Supply Co., Panama	CREO	Poles & Posts	
Russell Chair Factory, Poteau	Mfg. Chairs	Chairs	
Gus Self, Summerfield	H. Tie Mill	Ties	
Lincoln County			
John Jackson, Chandler	Sawmill	Hardwood Lumber	1, pm
Logan County			
Delbert Butler, Perkins	Sawmill	Hardwood Lumber	1, pm
L. B. Yost Sawmill, Mulhall	Sawmill	Hardwood Lumber	1, pm
Latta Sash & Door Co., Guthrie	Sash and Door	Sash and Doors	
Oklahoma Furniture Co., Guthrie	Furniture	FUR Crates	
Wood Products Mfg. Co., Guthrie	Sash and Door	S & D, and CAB	
Love County			
W. P. Glass, Overbrook, Star Rt.	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
McCurtain County			
John Aaron, Eagletown	Sawmill	Pine Lumber	2, pm
C. W. Altenbaumer, Valliant	Sawmill	Pine Lumber	2, pm
D. R. Anderson, Broken Bow	Sawmill	Pine Lumber	2, pm
Henry L. Blake, Watson	Sawmill	Pine Lumber	1, pm
R. C. Brinkley, Shinewell	Sawmill	Pine Lumber	2, pm
R. A. Brooks, Eagletown	Sawmill	Pine & Hdw. Lbr.	1, pm
Brooks Brothers, Bethel	Sawmill	Pine Lumber	2, pm
Martin Clarvee, Tom	Sawmill	Pine Lumber	1, pm
Dierks Lumber & Coal Co., Broken Bow	Sawmill	Hardwood Lumber	6, sm
Dierks Lumber & Coal Co., Wright City	Sawmill & PL	Pine Lumber	6, sm
Duggan Lumber Company, Idabel	Sawmill	Hardwood Lumber	3, sm
J. W. Fleming, Valliant, R. R.	Sawmill	Pine Lumber	1, pm
Harold Graham, Eagletown	Sawmill	Pine Lumber	2, pm
Lum Gray, Bethel	Sawmill	Pine Lumber	2, pm
Henderson & Schultz, Bethel	Sawmill	Pine Lumber	2, pm
John C. Hoffer, Smithville	Sawmill	Pine Lumber	1, pm
Mohawk Lumber Company, (Mena, Arkansas)	Sawmill	Pine Lumber	3, sm
D. A. Moore (Arkinda, Arkansas)	Sawmill	Pine Lumber	2, pm
G. L. Petty, Plunketville	Sawmill	Pine Lumber	1, pm
Haskell Smith, Bethel	Sawmill	Pine Lumber	1, pm
J. P. Smith & Son, Bethel	Sawmill	Pine Lumber	1, pm
R. M. Stanford, Battiest	Sawmill	Pine Lumber	1, pm
Stauter Lumber Company, Valiant	Sawmill & PL	Hardwood Lumber	3, sm
J. W. Stone, Broken Bow	Sawmill	Pine Lumber	1, pm
Storey Lumber Company, Broken Bow	Sawmill & PL	Pine Lumber	3, sm
Lee Swarts, Haworth	Sawmill	Pine Lumber	2, pm
G. W. Thrift, Golden	Sawmill	Pine Lumber	1, pm
Henry F. Walker, Plunketville	Sawmill	Pine Lumber	1, pm
J. E. Walthal, Broken Bow	Sawmill & PL	Pine Lumber	1, pm
J. D. Whitford, Wright City	Sawmill & PL	Pine Lumber	1, pm
H. L. Wisenhunt, Broken Bow	Sawmill	Pine Lumber	2, pm
R. G. Woods, Smithville	Sawmill	Pine Lumber	2, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
McCurtain County (Cont.)			
T. H. Bonner, Idabel	Planing Mill	Pine Lumber	
Ray Cunningham, Idabel	Planing Mill	Pine Lumber	
T. Harrison, Broken Bow	Planing Mill	Pine Lumber	
Idabel Lumber Company, Idabel	Planing Mill	Pine Lumber	
MacHenry Brothers, Broken Bow	Planing Mill	Pine Lumber	
Millsap Lumber Company, Broken Bow	Planing Mill	Pine Lumber	
W. N. Ross Lumber Company, Broken Bow	Planing Mill	Pine Lumber	
W. W. Starnes, Idabel	Planing Mill	Pine Lumber	
Storey Lumber Company, Millerton	Planing Mill	Pine Lumber	
J. E. Sullivan Lumber Company, Idabel	Planing Mill	Pine Lumber	
John Tucker Lumber Company, Broken Bow	Planing Mill	Pine Lumber	
Thorn Gains, Garvin	Planing Mill	Pine Lumber	
Wilson & Brooks, Bethel	CREO	Bridge Timbers, Poles, Posts and Ties	
Dierks Lumber & Coal Company, Broken Bow	Post-Treating Plant	Posts	
Harold Hess, Garvin	Post-Treating Plant	Posts	
Tuttle Jerden, Garvin	Post-Treating Plant	Posts	
Luttrell & Hall, Broken Bow	Osmose Tr. Plant	Posts	
Hershel McClain, Garvin	Post-Treating Plant	Posts	
Earl Mitchem, Broken Bow	Millwork	Furniture, Novelties, Screens, etc.	
Strain Brothers, Broken Bow	CREO	Posts	
McIntosh County			
Arch Cesar, Eufaula	Sawmill	Hardwood Lumber	1, pm
W. H. Martin, Eufaula	Sawmill	Hardwood Lumber	1, pm
Bud Newton, Checotah	Sawmill	Hardwood Lumber	1, pm
E. E. Sheppard, Checotah	Sawmill	Hardwood Lumber	1, pm
Major County			
Fairview Lumber Company, Fairview	PL & Lumber	Lumber	

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Mayes County			
Pryor Hardwood and Milling Company, Pryor	Millwork	Truck Bodies & Picture Frames Small Tables	
Russell Furniture Manufacturing Co., Pryor	Furniture		
Murray County			
McClanahan, Davis	Sawmill	Hardwood Lumber	1, pm
Drake Tidwell, Davis	Sawmill	Hardwood Lumber	1, pm
Muskogee County			
Gorman Mfg. Co., Muskogee	Planing Mill	Hardwood Lumber	
Muskogee Millwork Co., Muskogee	Millwork	Doors & Mouldings	
Oklahoma Rig & Supply Company, Muskogee	B & C	HAN, C, & B	
R. J. Smith Lumber Products Co., Muskogee	Millwork and Lbr.	Doors, Mouldings, and Lumber	--
Southwestern Creosoting Company, Muskogee	Creosoting Plant	Poles, Fence Posts, and Ties	
Nowata County			
Taylor Burch, Nowata	Sawmill	Hardwood Lumber	1, pm
C. A. Ramey, Bartlesville	Sawmill	Hardwood Lumber	1, pm
Bartlesville Planing Mill, Bartlesville	PL & CAB Shop	Cabinets	
L. S. Rausch, Nowata	Redwood & Cypress Tanks	Redwood & Cypress Woodworking	Tanks
Tatroes Planing Mill and Glass Works, Bartlesville	Woodworking and Glass		
Okfuskee County			
Alvin Fogle, Deep Fork	Sawmill	Hardwood Lumber	1, pm
O. W. Maler, Tuskegee	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Oklahoma County			
Black, Sivalls, & Bryson, Inc., Okla. City Butler Brothers, Oklahoma City	Oil Industry Furniture	Wood Tanks Store Fixtures & Office FUR	
Hight Manufacturing Company, Okla. City R. Jones Cabinet & Fixture Works, Okla. City Kilpatrick Brothers, Oklahoma City Long-Bell Lumber Company, Oklahoma City	Furniture Millwork Millwork Millwork	FUR & Toys CAB & Fixtures S & D, CAB, and Frames S & D, Screens and Mouldings	
Modern Fixture Company, Oklahoma City Morgan Sash and Door Company, Okla. City Neal Millwork and Supply, Oklahoma City W. A. Oakes Manufacturing Co., Okla. City Oklahoma City Casket Company, Okla. City Oklahoma Furniture Manufacturing Co., Oklahoma City	Store Fixtures Millwork Millwork PL and Ladders Caskets	Store Fixtures S & D, and Trim S & D, Cabinets Ladders Caskets	
Oklahoma Parawood Mfg. Co., Okla. City Oklahoma Sash & Door Co., Oklahoma City Ortner Cabinet Shop, Oklahoma City Overhead Door Co., of Oklahoma, Okla. City Ribble Boat Works, Oklahoma City Rounds & Porter Company, Oklahoma City Ventilated Awning Company, Okla. City Warr-Coston Lumber Company, Oklahoma	Furniture Flooring Sash and Doors Cabinets Overhead Doors Boats S & D, & Frames Wood Awnings Millwork	Furniture Flooring Sash and Doors Cabinets Overhead Doors Boats S & D, & Frames Wood Awnings S & D, Screens, and Trim	
F. H. Witt Manufacturing Co., Inc., Oklahoma City	Millwork	Custom Made Millwork	

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Okmulgee County			
Marler Lumber Company, Henryetta	Sawmill	Hardwood Lumber	2, pm
R. L. O'Neal, Okmulgee	Sawmill	Hardwood Lumber	1, pm
Ellis Glazing Co., Henryetta	Millwork	Glazed Windows	
Flesher-Lang Const. Co., Henryetta	Millwork	Store Fixtures	
Guy Martin Mfg. Co., Henryetta	Millwork	Fixtures and Mantles	
Okmulgee Sash & Door, Okmulgee	Millwork	Sash and Doors	
Pittsburgh Plate Glass, Henryetta	Plate Glass	Boxes	
Royal Casket Co., Henryetta	Caskets	Caskets & Boxes	
Osage County			
J. E. Dacy, Pawhuska	Sawmill	Hardwood Lumber	1, pm
Osage Building Material Company, Pawhuska	Post Treating Plant	Posts	
Ottawa County			
R. W. Botts, Miami	Sawmill	Hardwood Lumber	1, pm
Leader Bros., Wyandotte, Rt. 60	Sawmill	Hardwood Lumber	1, pm
Melvin Prater, Wyandotte	Sawmill	Hardwood Lumber	1, pm
Jim Roberts, 6 mi. N. of Turkey Ford	Sawmill	Hardwood Lumber	1, pm
T. L. Tomlinson, Turkey Ford	Sawmill	Hardwood Lumber	1, pm
Taylor Manufacturing Company, Miami	Furniture	Furniture	
Pawnee County			
S. W. Acton, Morrison	Sawmill	Hardwood Lumber	1, pm
Clyde Cox, Blackburn	Sawmill	Hardwood Lumber	1, pm
John Dutton, Skiatook	Sawmill	Hardwood Lumber	1, pm
Maurice Keho, Cleveland	Sawmill	Hardwood Lumber	1, pm
Ellwood Sawyer, Pawnee	Sawmill	Hardwood Lumber	1, pm
Ellwood Sayer, Pawnee	Sawmill	Hardwood Lumber	1, pm
Bud Wheeler, Pawnee	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Payne County			
H. G. Duncan, Glencoe	Sawmill	Hardwood Lumber	1, pm
Harry L. Minnich, Coyle	Sawmill	Hardwood Lumber	1, pm
Elmore's Cabinet Shop, Stillwater	Millwork	FUR & CAB	
Roy T. Hoke Lbr. Co., Stillwater	Lbr. & Millwork	Lbr. & CAB	
Ingham Lumber Co., Stillwater	Lbr. & Millwork	Lbr. & CAB	
Pioneer Shop, Cushing	Woodwork	Woodwork	
Stillwater Planing Mill, Stillwater	PL & Millwork	Hardwood Lumber	
Thompson & Parker, Stillwater	Lbr. & Millwork	Lbr. & CAB	
Pittsburg County			
J. A. Chism, Kiowa	Sawmill	Hardwood Lumber	2, pm
E. L. Cook, Holleyville	S & PL	Pine Lumber	1, pm
Canna Creek Lumber Co., Kiowa	S & PL	Pine Lumber	4, sm
Jake Lambert, Kiowa	Sawmill	Pine Lumber	1, pm
P. J. Roso Lumber Co., Holleyville	S & PL	Pine Lumber	1, pm
Wagoner Lumber Co., McAlester	S & PL	Pine Lumber	1, pm
C. H. Ward, Hartshorne	Sawmill	Pine Lumber	1, pm
I. M. Jackson, McAlester, Rt. 4	Planing Mill	Pine Lumber	
Pontotoc County			
Ada Planing Mill, Ada	Millwork	Cabinets	
Cunningham Furniture & Mfg. Co., Ada	Uphol. Furniture	Furniture	
Southern Builders Supply Co., Ada	Millwork	Sash & Doors	
Pottawatomie County			
J. O. Everett, 5 mi. North of Pearson	Sawmill	Hardwood Lumber	1, pm
Shawnee Planing Mill, Shawnee	Planing Mill & Furniture	Church and Lodge Furniture	
Chism & Sons, Shawnee	Millwork	Cabinets, Doors, & Window Frames	

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Pushmataha County			
Clayten Lbr. Co., Clayten	Sawmill	Pine Lumber	2, pm
R. M. Fry Lumber Co., Antlers	Sawmill	Pine Lumber	3, sm
Geo. Goforth, Gumbo	Sawmill	Pine Lumber	1, pm
Andy Hamilton, Moyers	Sawmill	Hardwood Lumber	1, pm
W. R. Hooker, Finley	Sawmill	Hardwood Lumber	1, pm
J. & J. Lumber Co., Albion	Sawmill	Hardwood Lumber	3, sm
Joe Mills, Jr., Antlers	Sawmill	Hardwood Lumber	1, pm
Alvin Morris, Antlers	Sawmill	Hardwood Lumber	1, pm
Paul Musgrave, Antlers	Sawmill	Hardwood Lumber	1, pm
Robert Musgrave, Cloudy	Sawmill	Pine & Hdw. Lbr.	1, pm
Owens Lumber Co., Albion	Sawmill	Pine Lumber	2, pm
Geo. Porterfield, Snow	Sawmill	Pine & Hdw. Lbr.	1, pm
O. E. Rozell, Antlers	Sawmill	Hardwood Lumber	1, pm
Clarence Sanders, Honobia	Sawmill	Pine Lumber	1, pm
C. L. Standifer, Sardis	Sawmill	Pine Lumber	1, pm
Ed Sullivan, Jumbo	Sawmill	Hardwood Lumber	1, pm
Owens Lumber Co., Albion	Planing Mill	Pine	
Hanna & Young, Antlers	Millwork	Squares for HAN	
Rogers County			
Al Barrow, Claremore	Sawmill	Hardwood Lumber	1, pm
Jim Chaney, Claremore	Sawmill	Hardwood Lumber	1, pm
Norman Gougler, Talala	Sawmill	Hardwood Lumber	1, pm
Henry Setters, Claremore	Sawmill	Hardwood Lumber	1, pm
Seminole County			
Monroe Gore, 8 mi. S. of Wewoka, Rt. 56	Sawmill	Hardwood Lumber	1, pm
Albert Mullins, Sasakwa, Rt. 56	Sawmill	Hardwood Lumber	1, pm
A. L. Sharpe, Wewoka	Sawmill	Hardwood Lumber	1, pm
O. R. Smith, Cromwell	Sawmill	Hardwood Lumber	1, pm

Directory of the Wood-Using Industries of Oklahoma.

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Sequoyah County			
Ben H. Collins, Muldrow, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Earle Edwards, Roland	Sawmill	Hardwood Lumber	1, pm
Bates Furlow, Sallisaw	Sawmill	Hardwood Lumber	3, sm
Rev. Geesler, Muldrow	Sawmill	Hardwood Lumber	1, pm
S. E. Shepherd, Sallisaw	Sawmill	Hardwood Lumber	1, pm
Jeff Summerlin, Gore, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Oklahoma Creosoting Co., Sallisaw	CREO	Poles, Ties, & Posts	
Stephens County			
Haliburtons, Duncan	Oil Well Cementing	Woodwork for Oilwells	
Paragen Cabinet Shop, Duncan	Cabinet Shop	Cabinets	
Robert J. Thomson, Duncan	Cabinet Shop	Cabinets	
Tulsa County			
John Dutton, Skiatook	Sawmill	Hardwood Lumber	1, pm
W. F. Horrall, Turley	Sawmill	Hardwood Lumber	1, pm
Rich and Mayfield, Skiatook	Sawmill	Hardwood Lumber	1, pm
W. E. Orr, Turley	Sawmill	Hardwood Lumber	1, pm
J. J. Shimp, Bixby	Sawmill	Hardwood Lumber	1, pm
M. L. Weaver, Bixby	Sawmill	Hardwood Lumber	1, pm
American Hardwood Company, Tulsa	Lumber	Hardwood Lumber	
Carlson Fixture Company, Tulsa	Millwork	Cabinet and Custom Work	
Coman Pattern Works, Tulsa	Patterns	Wood Patterns	
Enardo Manufacturing Company, Tulsa	Patterns	Wood Patterns	
W. F. Eno Cabinet and Millwork, Tulsa	PL and CAB Work	Cabinets	
General Sash and Door, Tulsa	Sash and Doors	Sash and Doors	
Gentry-Owen Cabinet Shop, Tulsa	Millwork	CAB & Fixtures	
Gulf Millwork Company, Tulsa	Millwork	Special & Contract	
Hanna Lumber Company, Tulsa	S & D, & Lumber	S & D, & Lumber	
Hare and Randells Cabinet Shop, Tulsa	Cabinets	Cabinets	
Holloway Material and Supply, Tulsa	Sash & Doors	Sash and Doors	
Kenslow Planing Mill, Tulsa	Cabinets	Pine Lumber	
Oklahoma Fixture, Tulsa	Planing Mill	Special Cabinets	

Directory of the Wood-Using Industries of Oklahoma

Name and Address	Kind of Business	Products Made or Used	Daily Capacity M. Feet and Mill Classification
Tulsa County (Cont.)			
Reed Furniture Company, Tulsa	Furniture	Custom Furniture	
Rounds & Porter, Tulsa	Sash & Doors	Sash & Doors	
Schuman Brothers Lumber Co., Tulsa	Pre-Fab Houses	Pre-Fab Houses	
Southern Mill & Manufacturing Co., Tulsa	Millwork	Pre-Fab Houses	
Ventilated Wood Awning Co., Tulsa	Awnings	Wood Awnings	
Wagoner County			
Lewis Easley, Coweta, Rt. 2	Sawmill	Hardwood Lumber	1, pm
E. H. Gilbert, Coweta, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Ralph Gilbert, Coweta	Sawmill	Hardwood Lumber	1, pm
Roy Gilbert, Coweta	Sawmill	Hardwood Lumber	1, pm
T. E. Halloway, Wagoner	Sawmill	Hardwood Lumber	2, pm
Press Remington, Catoosa, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Clifford Wilson, Coweta, Rt. 1	Sawmill	Hardwood Lumber	1, pm
Washington County			
J. F. Cook, Ramona	Sawmill	Hardwood Lumber	1, pm
Clarence Mason, Dewey	Sawmill	Hardwood Lumber	1, pm
Darbo Shears, Ochelata	Sawmill	Hardwood Lumber	1, pm
Washita County			
Johnson & Werham, Sentinel	Woodworking	Woodwork	
Woodward County			
Osborne-Peebles Lumber Company, Woodward	Millwork	Cabinets	
C. E. Sharpe Lumber Co., Woodward	Millwork	Cabinets	
Sopher Cabinet Shop, Woodward	Millwork	Cabinets.	

OKLAHOMA SAWMILL INDUSTRY BY COUNTIES—1947
 Mills by Classes—Production of Lumber (Thousands Board Feet)

County	Hardwoods—Classes					Pine—Classes					Total Mills—Classes					Hdw. Lbr. Pro-duced	Pine Lbr. Pro-duced	Total Lbr. Pro-duced
	1	2	3	(4,5,6)	Total	1	2	3	(4,5,6)	Total	1	2	3	(4,5,6)	Total			
Adair	22				22						22				22	2600		2600
Atoka	1				1	16	2	2		20	17	2	2		21	4000	7975	11975
Bryan	2				2						2				2	60		60
Carter	3				3						3				3	1000		1000
Cherokee	21				21						21				21	3365		3365
Choctaw	8				8	7	1			8	15	1			16	800	570	1370
Cleveland	1				1						1				1	200		200
Coal	7				7						7				7	2175		2175
Comanche	1				1						1				1	300		300
Craig	4				4						4				4	425		425
Creek	1				1						1				1	250		250
Delaware	27	2			29						27	2			29	4050		4050
Garvin	1				1						1				1	100		100
Haskell	5	2			7						5	2			7	2200		2200
Hughes	3				3						3				3	550		550
Johnston	7				7						7				7	2300		2300
Latimer						15	4			19	15	4			19		3980	3980
LeFlore	2				2	7	4	1	1	13	9	4	1	1	15	950	13700	14650
Lincoln	1				1						1				1	80		80
Logan	2				2						2				2	100		100
Love	1				1						1				1	50		50
McCurtain			2	1	3	14	12	2	1	29	14	12	4	2	32	24000	38920	62920
McIntosh	4				4						4				4	450		450
Murray	2				2						2				2	250		250
Nowata	2				2						2				2	90		90
Okfuskee	2				2						2				2	600		600
Okmulgee	1	1			2						1	1			2	1230		1230
Osage	1				1						1				1	100		100
Ottawa	5				5						5				5	1250		1250
Pawnee	7				7						7				7	765		765
Payne	2				2						2				2	110		110
Pittsburg		1			1	5			1	6	5	1		1	7	800	2800	3600
Pottawatomie	1				1						1				1	400		400
Pushmataha	7		1		8	5	2	1		8	12	2	2		16	1705	5440	7145
Rogers	4				4						4				4	380		380
Seminole	4				4						4				4	550		550
Sequoyah	5		1		6						5		1		6	2750		2750
Tulsa	6				6						6				6	1265		1265
Wagoner	6	1			7						6	1			7	1275		1275
Washington	3				3						3				3	205		205
Total	182	7	4	1	194	69	25	6	3	103	251	32	10	4	297	63730	73385	137115

ANALYSIS OF WOOD-USING PLANTS OTHER THAN SAWMILLS

Wood Preserving

Analysis of pressure and non-pressure wood preserving plants.

Pressure Creosoting Plants

4	Pressure creosoting plants.
*6	Million cubic feet of timber treated or 72 million board feet.
278	Men employed.
656,000	Man-hours of labor.

WOODS TREATED

The treating plants draw their raw materials, poles, and piling of southern pine from the pine areas south and east of Oklahoma, as well as from the pine forests within the State. Southern pine posts come from the State and adjacent regions. Red oak ties and other hardwood ties are purchased locally and from nearby states.

PRODUCTS TREATED

Poles, piling, round and one-half sawed fence posts, railroad ties, timbers, and cross-arms.

Non-Pressure Wood Treating Plants

8	Non-pressure plants treating fence posts and some small poles. The treating liquid is creosote and oil in varying proportions. One plant uses the "Osmose" process for treating fence posts.
1	Million or more posts treated, or 6 million board feet.
**34	Men employed in the treating process.
62,600	Man-hours of labor.

WOODS TREATED

Mostly Southern Pine posts cut locally. Small amounts of local hardwood posts are treated.

* Included in the volume of 6 million cubic feet of timber treated are 3 million pine fence posts, averaging somewhat less than $\frac{1}{2}$ cubic foot per post.

** The additional men employed and man-hours of labor performed in cutting, peeling, and hauling the posts is impossible to calculate due to the part-time nature of the work.

Planing Mills

Analysis of planing mill products by mills not directly integrated with sawmills.

*34	Planing mills in operation in 1947.
63.9	Millions board feet of lumber processed.
267	Men employed.
466,800	Man-hours of labor.

WOODS USED

Most of the planing mills are located in the southeastern section of Oklahoma and secure their raw material, rough lumber, from the local small mills. The greatest volume of lumber dressed and otherwise processed in the planing mills is southern pine. Some native hardwoods are processed and several planing mills in the larger cities dress some western softwoods or further rework them for special purposes on a custom basis.

ITEMS PROCESSED

Dressed lumber and dimension, siding, ceiling, partition, planking, moldings, casing, base, finish, flooring, etc.

Millwork - Sash, Doors, Cabinets, Etc.

Analysis of millwork, sash, doors, cabinets, and other products by concerns not directly integrated with sawmills.

70	millwork, sash and door factories and cabinet shops.
29.4	million board feet, lumber, and plywood processed.
840	men employed.
2,000,000	man-hours of labor.

WOODS USED

The millwork, sash, door, and cabinet shops are located in many cities and towns throughout the State and draw their raw material from the several lumber producing regions. In 1947 these plants used 21.7 million board feet of western woods, ponderosa pine, western white pines, douglas fir and douglas fir plywoods, along with about 8 million board feet of southern pine, some native hardwoods and some hardwood plywoods, both domestic and foreign.

* In addition to the 34 planing mills listed, there are six more planing mills so closely integrated with sawmills that it was impossible to analyze them as separate plants. The planing mill products from these plants increase the volume of lumber processed by a number of million feet. The men employed and the man-hours of labor in these plants are reported in with the sawmill figures.

PRODUCTS MANUFACTURED

Window sash and frames; doors all kinds; screens; interior trim; cabinets; architectural woodwork; store, office, lodge and church fixtures; pre-fabricated houses and other structures; barns; chicken and hog houses, etc.

NOTE: The dividing line between the millwork and planing mill classification is vague. The two groups of wood processors frequently make the same items. Moreover, some of the larger pine and hardwood sawmills have planing mills or millwork and box plants integrated with their sawmills, thus making it difficult to allocate the portion of their sawmill production which is further processed beyond lumber. A conservative estimate of lumber and plywood further processed into planing mill and millwork items would be some quantity over 100 million board feet per year.

Boxes and Crates

Analysis of box and crate factories not integrated with sawmills.

BOX AND CRATE FACTORIES

- 4 Box and crate factories; two are adjuncts to manufacturing plants and provide crating and boxes for the plant products. Two manufacture for the market.
- 11.4 million board feet of lumber used.
- 126 men employed.
- 302,400 man-hours of labor.

WOODS USED

Southern Pine -----	6.1 million board feet
Western Pine -----	2.3 million board feet
Western and Canadian Spruce-----	.5 million board feet
Cottonwood and some Elm, Sycamore and Gum -----	2.5 million board feet
Total - - - - -	11.4 million board feet

ITEMS MANUFACTURED

Boxes; crates; egg cases; fruit and vegetable trays and containers; and poultry and turkey crates.

Furniture

Analysis of furniture manufacturing.

- 11 Furniture factories.
- 7.3 Million board feet of lumber used.
- 815 Men employed.
- 1,758,500 Man-hours of labor.

WOODS USED

Over 5.1 million board feet of hardwood lumber was used in the manufacture of furniture in Oklahoma in 1947. More than half the wood used, or 2.6 million of feet consisted of sap and red gum tupelo, and black gum. A considerable portion of this came from without the State and was semi-processed into furniture dimension before shipment. Three-quarters of a million board feet of walnut was used in furniture, most of which came from within Oklahoma. The principal hardwoods used in the manufacture of furniture are listed below:

Red and sap gum	Elm	Maple
Black gum	Sycamore	Basswood
Tupelo	Ash	Yellow poplar
Walnut	Birch	Chestnut
Oak	Beech	Mahogany and other hard-
Cottonwood	Hackberry	wood plywoods

In addition to the hardwoods, the furniture industry uses 400 thousand board feet of southern pine and 1.8 million board feet of western pine and plywood.

FURNITURE MANUFACTURED

Furniture for the bedroom, dining room, living room; chairs, dining and upholstered; library, cocktail, and occasional tables; bookcases; dinette sets; kitchen furniture, ironing boards, office desks and tables; screens; church, school and lodge furniture; and courtroom furniture.

Tool Handles

Analysis of the handle industry.

5 Handle factories.

6,200 Cords or 3.1 million board feet of wood used.

65 Men employed.

144,000 Man-hours of labor.

WOODS USED

The woods used are hickory and ash, most of which is obtained from local nearby sources cut from second growth hickory and ash trees in the form of bolts of various lengths, depending on the length of the finished handle for which it is to be used. The hickory is used mainly for striking tool handles and the ash is used mainly for tools requiring long handles as: rakes, hoes, etc. One recently established mill makes handle squares of ash from 4-5-6

foot bolts for shipment to another state for final processing into handles.

KIND OF HANDLES MANUFACTURED

Striking tool handles as hammer, hatchet, axe, maul, pick, etc. Other tool handles, rake, hoe, shovel DH and LH, peavy, cant hooks, etc.

Wood-Using Plants (Miscellaneous)

Analysis of plants, manufacturing or processing wood items not classified under the preceding groups.

- 19 Miscellaneous consuming or processing plants.
- 16.2 Million board feet of lumber used.
- 197 Men employed.
- 426,000 Man-hours of labor.

WOODS USED

More than 16.2 million board feet of a large number of species are manufactured by these 19 concerns into a great variety of special products. The woods more commonly used are listed below:

Redwood	Douglas fir	Walnut
Cypress	Western spruce	Mahogany
Southern pine	Oaks	Hardwood plywoods
Western white pine	Gums	Douglas fir plywood
Ponderosa pine	Sycamore	

About 2.5 million board feet of redwood, along with some cypress goes into the manufacture of wood tanks, wood awnings, and caskets. Overhead doors consume 360 million board feet of Douglas fir and western spruce. More than 300 million board feet of walnut logs are shipped out of the state for the manufacture of veneer and walnut lumber.

ITEMS MANUFACTURED

A partial list of the items manufactured is:

Caskets	Wood Tanks	Walnut Logs and Stumps
Wood Awnings	Oilwell Woodwork	(Shipped)
Patterns	Truck Bodies	Ties (Shipped)
Boats	Charcoal	Pulpwood (Shipped)
Overhead Doors	Oak Flooring	

Data on the volume of ties, pulpwood and walnut logs shipped is difficult to obtain because of the small size of the concerns engaged in these numerous operations.

