

# The Economic Contribution of Forestry and Forest Products in Oktibbeha County

## Oktibbeha County

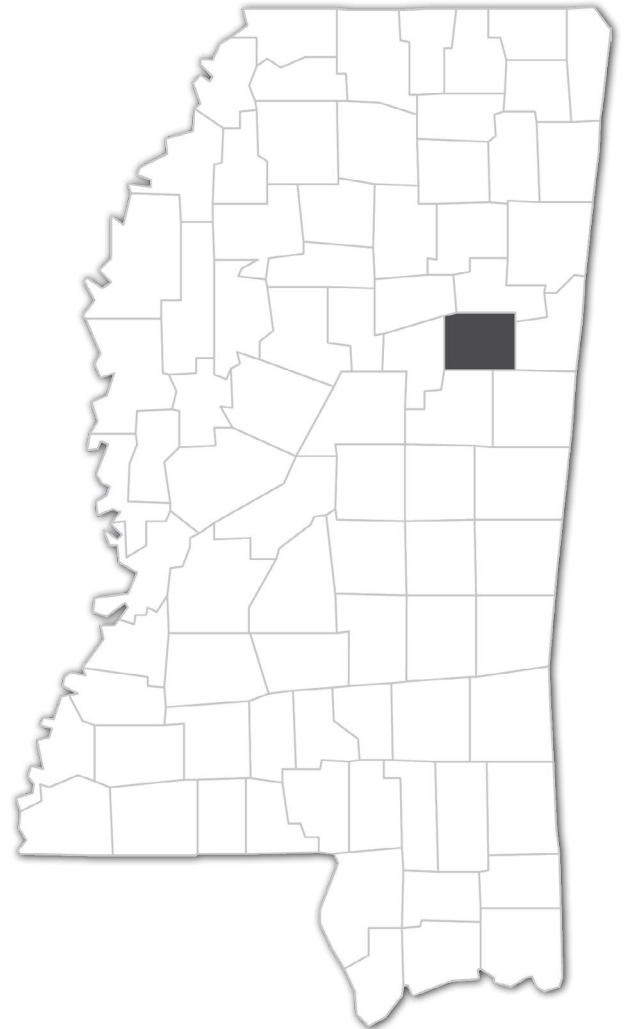
The forestry and forest products industries are a major component of Oktibbeha County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other sectors can be estimated using input-output analysis. Using 2022 data, this study estimates the economic contribution of the forestry and forest products industries to Oktibbeha County, Mississippi.

## Employment and Income Contributions

Forest-related economic activity in Oktibbeha County during 2022 generated 596 jobs and nearly \$28.0 million in income. That's about 1.9 percent of jobs and 2.01 percent of income in the county. Employment is the number of full- and part-time jobs in all sectors of the economy. Income includes all forms of employment income, including employee compensation (wages and benefits) and proprietor income, also referred to as labor income.

## Total Output and Value-Added Contributions

Over \$106.61 million, or about 2.32 percent of economic output in Oktibbeha County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$41.02 million, or about 1.68 percent of all value-added in the county. The value of all goods and services produced is defined as total output. Value-added is a portion of total output and represents the creation of new wealth.



**Table 1. Contributions from forest-related sectors on employment and income in Oktibbeha County, Mississippi, 2022.**

Sectors	Number of Jobs	% of County	Income (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	11	0.04	243,210	0.02
Logging	138	0.44	8,730,130	0.63
Solid Wood Product	58	0.18	2,851,772	0.20
Pulp and Paper	0	0.00	51,711	0.00
Wood Furniture	204	0.65	9,545,522	0.69
Subtotal	411	1.31	21,422,345	1.54
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	57	0.18	1,981,074	0.14
Real Estate, Finance, and Insurance	15	0.05	481,477	0.03
Services	38	0.12	1,612,545	0.12
Construction and Manufacturing	8	0.03	352,430	0.03
Health Care	8	0.03	471,885	0.03
Transportation and Warehousing	10	0.03	197,748	0.01
Government	12	0.04	699,456	0.05
Agriculture Production and Services	6	0.02	0	0.00
Food and Fiber	28	0.09	716,551	0.05
Hotels and Entertainment	2	0.01	60,495	0.00
Education	0	0.00	9,659	0.00
Subtotal	184	0.59	6,581,957	0.47
Total Impact from Forest Related Sector	596	1.90	28,004,302	2.01
Rest of the County	30,810	98.11	1,364,715,140	97.99
<b>Total in County</b>	<b>31,405</b>	<b>100.00</b>	<b>1,392,719,442</b>	<b>100.00</b>

**Table 2. Contributions from forest-related sectors on total output and value-added in Oktibbeha County, Mississippi, 2022.**

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	385,767	0.01	271,504	0.01
Logging	15,468,817	0.34	9,844,724	0.40
Solid Wood Product	21,457,266	0.47	6,160,649	0.25
Pulp and Paper	119,115	0.00	52,381	0.00
Wood Furniture	40,809,065	0.89	10,551,898	0.43
Subtotal	78,240,030	1.71	26,881,156	1.10
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	7,797,603	0.17	4,105,652	0.17
Real Estate, Finance, and Insurance	5,673,598	0.12	3,709,374	0.15
Services	5,398,739	0.12	2,508,802	0.10
Construction and Manufacturing	3,152,515	0.07	514,789	0.02
Health Care	800,486	0.02	563,156	0.02
Transportation and Warehousing	1,126,543	0.02	306,819	0.01
Government	1,091,187	0.02	924,319	0.04
Agriculture Production and Services	314,790	0.01	142,257	0.01
Food and Fiber	2,807,470	0.06	1,238,862	0.05
Hotels and Entertainment	192,541	0.00	115,818	0.00
Education	14,004	0.00	7,811	0.00
Subtotal	28,369,476	0.62	14,137,659	0.58
Total Impact from Forest Related Sector	106,609,506	2.32	41,018,815	1.68
Rest of the County	4,479,702,554	97.68	2,397,883,468	98.32
<b>Total in County</b>	<b>4,586,312,060</b>	<b>100.00</b>	<b>2,438,902,283</b>	<b>100.00</b>

Estimates developed using IMPLAN software and data. Timber harvest value according to the Mississippi Harvest of Forest Products Report.

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