

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

## Madison County

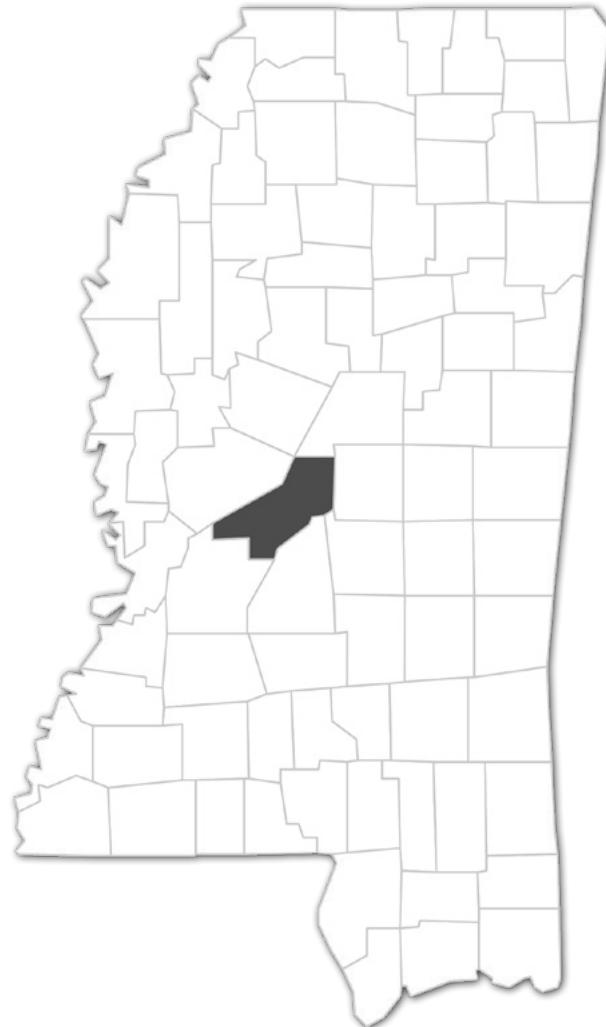
The forestry and forest products industries are a major component of Madison County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other 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 Madison County, Mississippi.

## Employment and Income Contributions

Forest-related economic activity in Madison County during 2022 generated 464 jobs and nearly \$26.05 million in income. That's about 0.52 percent of jobs and 0.52 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 \$75.5 million, or about 0.39 percent of economic output in Madison County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$35.37 million, or about 0.42 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 Madison County, Mississippi, 2022.**

Sectors	Number of Jobs	% of County	Income (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	146	0.16	5,186,530	0.10
Logging	134	0.15	9,432,701	0.19
Solid Wood Product	26	0.03	1,654,754	0.03
Pulp and Paper	42	0.05	3,255,617	0.07
Wood Furniture	1	0.00	261,081	0.01
Subtotal	349	0.39	19,790,683	0.40
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	26	0.03	1,447,427	0.03
Real Estate, Finance, and Insurance	17	0.02	702,670	0.01
Services	30	0.03	1,993,246	0.04
Construction and Manufacturing	4	0.00	232,892	0.00
Health Care	7	0.01	536,079	0.01
Transportation and Warehousing	15	0.02	819,092	0.02
Government	2	0.00	109,522	0.00
Agriculture Production and Services	3	0.00	36,232	0.00
Food and Fiber	8	0.01	246,046	0.00
Hotels and Entertainment	3	0.00	52,393	0.00
Education	2	0.00	79,161	0.00
Subtotal	117	0.13	6,254,760	0.13
<b>Total Impact from Forest Related Sector</b>	<b>464</b>	<b>0.52</b>	<b>26,045,443</b>	<b>0.52</b>
Rest of the County	89,282	99.48	4,977,318,064	99.48
<b>Total in County</b>	<b>89,748</b>	<b>100.00</b>	<b>5,003,363,507</b>	<b>100.00</b>

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	6,587,921	0.03	5,370,980	0.06
Logging	15,606,863	0.08	10,172,538	0.12
Solid Wood Product	8,822,381	0.05	3,666,768	0.04
Pulp and Paper	22,726,560	0.12	5,123,678	0.06
Wood Furniture	470,878	0.00	262,623	0.00
<b>Subtotal</b>	<b>54,214,603</b>	<b>0.28</b>	<b>24,596,587</b>	<b>0.29</b>
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	4,495,057	0.02	2,581,091	0.03
Real Estate, Finance, and Insurance	5,494,639	0.03	2,904,699	0.03
Services	4,991,982	0.03	2,654,826	0.03
Construction and Manufacturing	1,821,480	0.01	316,320	0.00
Health Care	842,769	0.00	587,730	0.01
Transportation and Warehousing	1,946,998	0.01	975,768	0.01
Government	157,391	0.00	142,264	0.00
Agriculture Production and Services	159,113	0.00	55,162	0.00
Food and Fiber	1,032,071	0.01	375,383	0.00
Hotels and Entertainment	199,779	0.00	102,064	0.00
Education	143,866	0.00	80,283	0.00
<b>Subtotal</b>	<b>21,285,145</b>	<b>0.11</b>	<b>10,775,590</b>	<b>0.13</b>
<b>Total Impact from Forest Related Sector</b>	<b>75,499,748</b>	<b>0.39</b>	<b>35,372,177</b>	<b>0.42</b>
<b>Rest of the County</b>	<b>19,062,782,652</b>	<b>99.61</b>	<b>8,432,505,048</b>	<b>99.58</b>
<b>Total in County</b>	<b>19,138,282,400</b>	<b>100.00</b>	<b>8,467,877,225</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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Revised by **Sabhyata Lamichhane**, PhD, Assistant Professor, **Niraj Gupta**, Undergraduate Student, and **Sushma Bhattarai**, PhD, Extension Associate I, Forestry; **James E. Henderson**, PhD, Extension Professor and Head, Coastal Research and Extension Center; and **Donald Grebner**, PhD, Professor and Head, Forestry. By Shaun M. Tanger, PhD, former Assistant Extension Professor; Marcus K. Measells, former Extension Associate III, Forestry; and Ian A. Munn, PhD, former Associate Dean and Professor.

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