

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

## Marshall County

The forestry and forest products industries are a major component of Marshall 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 Marshall County, Mississippi.

## Employment and Income Contributions

Forest-related economic activity in Marshall County during 2022 generated 229 jobs and nearly \$10.04 million in income. That's about 1.3 percent of jobs and 1.37 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 \$54.53 million, or about 1.85 percent of economic output in Marshall County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$18.43 million, or about 1.49 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 Marshall County, Mississippi, 2022.**

Sectors	Number of Jobs	% of County	Income (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	23	0.13	606,384	0.08
Logging	29	0.17	174,982	0.02
Solid Wood Product	108	0.61	6,400,875	0.87
Pulp and Paper	0	0.00	15,858	0.00
Wood Furniture	14	0.08	761,198	0.10
Subtotal	174	0.99	7,959,297	1.09
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	15	0.09	562,979	0.08
Real Estate, Finance, and Insurance	3	0.02	88,561	0.01
Services	15	0.09	335,653	0.05
Construction and Manufacturing	4	0.02	239,071	0.03
Health Care	1	0.01	85,875	0.01
Transportation and Warehousing	12	0.07	644,429	0.09
Government	1	0.01	64,184	0.01
Agriculture Production and Services	1	0.01	6,655	0.00
Food and Fiber	1	0.01	27,050	0.00
Hotels and Entertainment	0	0.00	6,563	0.00
Education	1	0.01	16,158	0.00
Subtotal	54	0.31	2,077,178	0.28
Total Impact from Forest Related Sector	229	1.30	10,036,475	1.37
Rest of the County	17,344	98.70	722,672,756	98.63
<b>Total in County</b>	<b>17,572</b>	<b>100.0</b>	<b>732,709,231</b>	<b>100.0</b>

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	763,265	0.03	627,107	0.05
Logging	1,468,510	0.05	275,592	0.02
Solid Wood Product	41,513,982	1.41	12,716,693	1.03
Pulp and Paper	83,264	0.00	16,528	0.00
Wood Furniture	2,550,641	0.09	899,585	0.07
Subtotal	46,379,662	1.57	14,535,505	1.18
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	2,462,499	0.08	1,330,635	0.11
Real Estate, Finance, and Insurance	1,141,667	0.04	733,828	0.06
Services	1,196,596	0.04	455,522	0.04
Construction and Manufacturing	1,281,697	0.04	358,290	0.03
Health Care	174,806	0.01	95,217	0.01
Transportation and Warehousing	1,451,333	0.05	734,372	0.06
Government	110,147	0.00	86,343	0.01
Agriculture Production and Services	86,590	0.00	25,420	0.00
Food and Fiber	180,252	0.01	44,518	0.00
Hotels and Entertainment	27,237	0.00	11,807	0.00
Education	32,553	0.00	17,505	0.00
Subtotal	8,145,377	0.28	3,893,457	0.32
Total Impact from Forest Related Sector	54,525,039	1.85	18,428,962	1.49
Rest of the County	2,899,014,369	98.15	1,216,369,147	98.51
<b>Total in County</b>	<b>2,953,539,408</b>	<b>100.0</b>	<b>1,234,798,109</b>	<b>100.0</b>

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

---

M1713 (POD-05-25)

Revised by **Sabhyata Lamichhane**, PhD, Assistant Professor, **Niraj Gupta**, Undergraduate Student, and **Sushma Bhattarai**, 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**, Extension Associate III, Forestry; and Ian A. Munn, PhD, former Associate Dean and Professor.

Copyright 2025 by Mississippi State University. All rights reserved. This publication may be copied and distributed without alteration for nonprofit educational purposes provided that credit is given to the Mississippi State University Extension Service.

Produced by Agricultural Communications.

Mississippi State University is an equal opportunity institution. Discrimination is prohibited in university employment, programs, or activities based on race, color, ethnicity, sex, pregnancy, religion, national origin, disability, age, sexual orientation, genetic information, status as a U.S. veteran, or any other status to the extent protected by applicable law. Questions about equal opportunity programs or compliance should be directed to the [Office of Civil Rights Compliance](#), 231 Famous Maroon Band Street, P.O. 6044, Mississippi State, MS 39762.

Extension Service of Mississippi State University, cooperating with U.S. Department of Agriculture. Published in furtherance of Acts of Congress, May 8 and June 30, 1914. ANGUS L. CATCHOT JR., Director

