

The Economic Contribution of Forestry and Forest Products in Leake County

Leake County

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

Employment and Income Contributions

Forest-related economic activity in Leake County during 2022 generated 374 jobs and nearly \$22.75 million in income. That's about 4.65 percent of jobs and 6.78 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 \$47.49 million, or about 2.57 percent of economic output in Leake County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$27.67 million, or about 5.02 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.

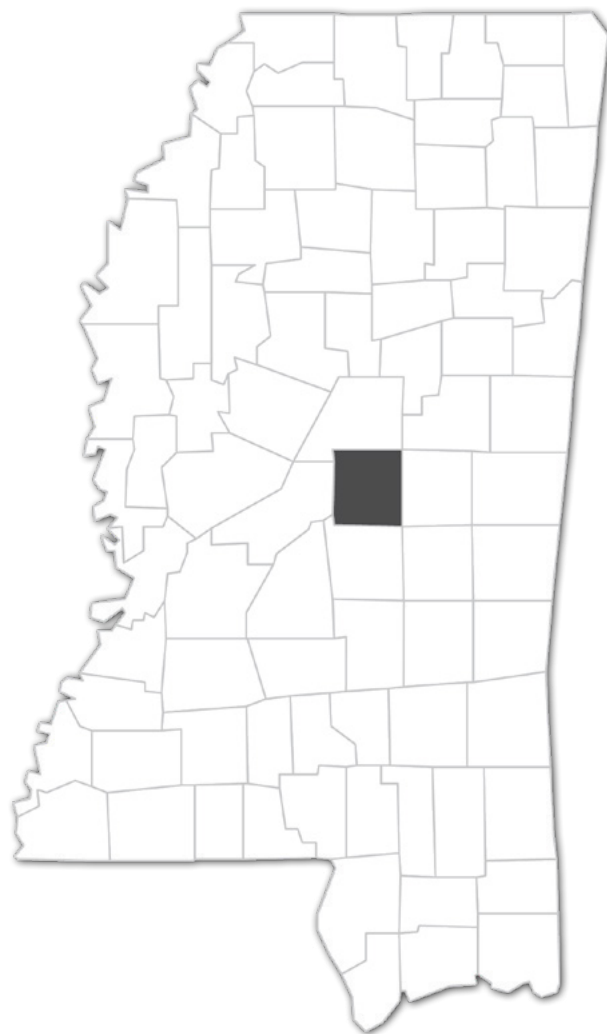


Table 1. Contributions from forest-related sectors on employment and income in Leake County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	36	0.45	995,452	0.30
Logging	277	3.44	19,646,503	5.93
Solid Wood Product	3	0.04	17,130	0.01
Pulp and Paper	0	0.00	5,516	0.00
Wood Furniture	3	0.04	1,209	0.00
Subtotal	319	3.96	20,665,810	6.24
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	13	0.16	426,192	0.13
Real Estate, Finance, and Insurance	6	0.07	155,603	0.05
Services	10	0.12	337,563	0.10
Construction and Manufacturing	2	0.02	70,218	0.02
Health Care	12	0.15	590,616	0.18
Transportation and Warehousing	3	0.04	95,729	0.03
Government	1	0.01	60,706	0.02
Agriculture Production and Services	4	0.05	215,797	0.07
Food and Fiber	2	0.02	92,704	0.03
Hotels and Entertainment	1	0.01	16,868	0.01
Education	1	0.01	26,122	0.01
Subtotal	55	0.68	2,088,118	0.63
Total Impact from Forest Related Sector	374	4.65	22,753,928	6.87
Rest of the County	7,677	95.35	308,282,859	93.13
Total in County	8,051	100.00	331,036,787	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	1,215,692	0.07	1,018,556	0.18
Logging	33,655,647	1.82	22,406,665	4.07
Solid Wood Product	1,095,160	0.06	23,303	0.00
Pulp and Paper	72,922	0.00	6,186	0.00
Wood Furniture	405,064	0.02	4,178	0.00
Subtotal	36,444,485	1.97	23,458,888	4.26
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	1,953,983	0.11	1,112,031	0.20
Real Estate, Finance, and Insurance	2,206,990	0.12	1,230,496	0.22
Services	935,316	0.05	429,600	0.08
Construction and Manufacturing	602,776	0.03	167,142	0.03
Health Care	1,214,898	0.07	658,272	0.12
Transportation and Warehousing	357,032	0.02	120,870	0.02
Government	77,921	0.00	75,153	0.01
Agriculture Production and Services	3,002,100	0.16	241,498	0.04
Food and Fiber	602,494	0.03	123,112	0.02
Hotels and Entertainment	57,699	0.00	34,194	0.01
Education	38,419	0.00	22,593	0.00
Subtotal	11,049,628	0.60	4,214,961	0.76
Total Impact from Forest Related Sector	47,494,113	2.57	27,673,849	5.02
Rest of the County	1,803,879,320	97.43	523,496,543	94.98
Total in County	1,851,373,433	100.00	551,170,392	100.00

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

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