

The Economic Contribution of Forestry and Forest Products in Jefferson County

Jefferson County

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

Employment and Income Contributions

Forest-related economic activity in Jefferson County during 2022 generated 200 jobs and nearly \$12.96 million in income. That's about 9.95 percent of jobs and 18.12 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 \$31.09 million, or about 8.63 percent of economic output in Jefferson County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$17.04 million, or about 11.41 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.

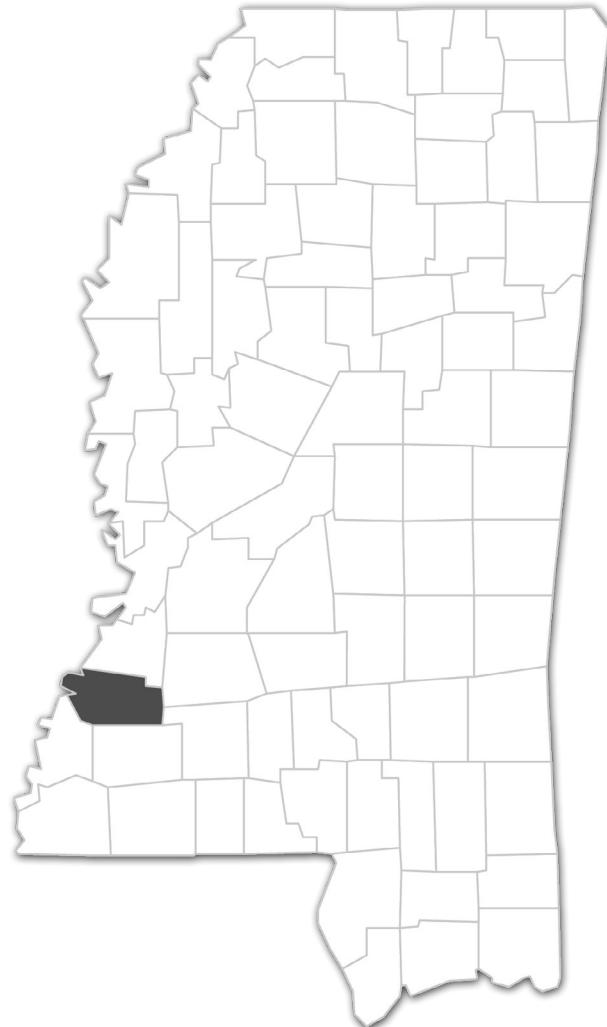


Table 1. Contributions from forest-related sectors on employment and income in Jefferson County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	2	0.10	47,170	0.07
Logging	141	7.01	10,392,012	14.53
Solid Wood Product	27	1.34	1,760,923	2.46
Pulp and Paper	0	0.00	6,205	0.01
Wood Furniture	0	0.00	0	0.00
Subtotal	170	8.45	12,206,310	17.07
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	9	0.45	130,136	0.18
Real Estate, Finance, and Insurance	3	0.15	35,318	0.05
Services	3	0.15	106,586	0.15
Construction and Manufacturing	2	0.10	75,046	0.10
Health Care	3	0.15	140,781	0.20
Transportation and Warehousing	1	0.05	55,982	0.08
Government	1	0.05	37,174	0.05
Agriculture Production and Services	6	0.30	135,405	0.19
Food and Fiber	1	0.05	27,580	0.04
Hotels and Entertainment	1	0.05	7,558	0.01
Education	0	0.00	547	0.00
Subtotal	30	1.49	752,113	1.05
Total Impact from Forest Related Sector	200	9.95	12,958,423	18.12
Rest of the County	1,811	90.05	58,552,900	81.88
Total in County	2,011	100.00	71,511,323	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	66,004	0.02	50,686	0.03
Logging	17,263,685	4.79	11,516,906	7.72
Solid Wood Product	8,678,409	2.41	3,564,456	2.39
Pulp and Paper	73,612	0.02	6,875	0.00
Wood Furniture	0	0.00	0	0.00
Subtotal	26,081,710	7.23	15,138,923	10.14
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	932,262	0.26	309,636	0.21
Real Estate, Finance, and Insurance	982,469	0.27	632,523	0.42
Services	601,405	0.17	180,017	0.12
Construction and Manufacturing	847,137	0.23	260,590	0.17
Health Care	292,637	0.08	143,287	0.10
Transportation and Warehousing	267,921	0.07	144,053	0.10
Government	45,667	0.01	45,667	0.03
Agriculture Production and Services	887,834	0.25	128,513	0.09
Food and Fiber	106,912	0.03	36,581	0.02
Hotels and Entertainment	41,555	0.01	14,721	0.01
Education	7,346	0.00	1,042	0.00
Subtotal	5,013,145	1.39	1,896,630	1.27
Total Impact from Forest Related Sector	31,094,855	8.63	17,035,553	11.41
Rest of the County	329,406,138	91.37	132,221,465	88.59
Total in County	360,500,993	100.00	149,257,018	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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