



The Economic Contribution of Forestry and Forest Products in Jefferson Davis County

Jefferson Davis County

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

Employment and Income Contributions

Forest-related economic activity in Jefferson Davis County during 2022 generated 231 jobs and nearly \$9.99 million in income. That's about 7.41 percent of jobs and 9.69 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 \$23.93 million, or about 5.33 percent of economic output in Jefferson Davis County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$12.07 million, or about 6.28 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.

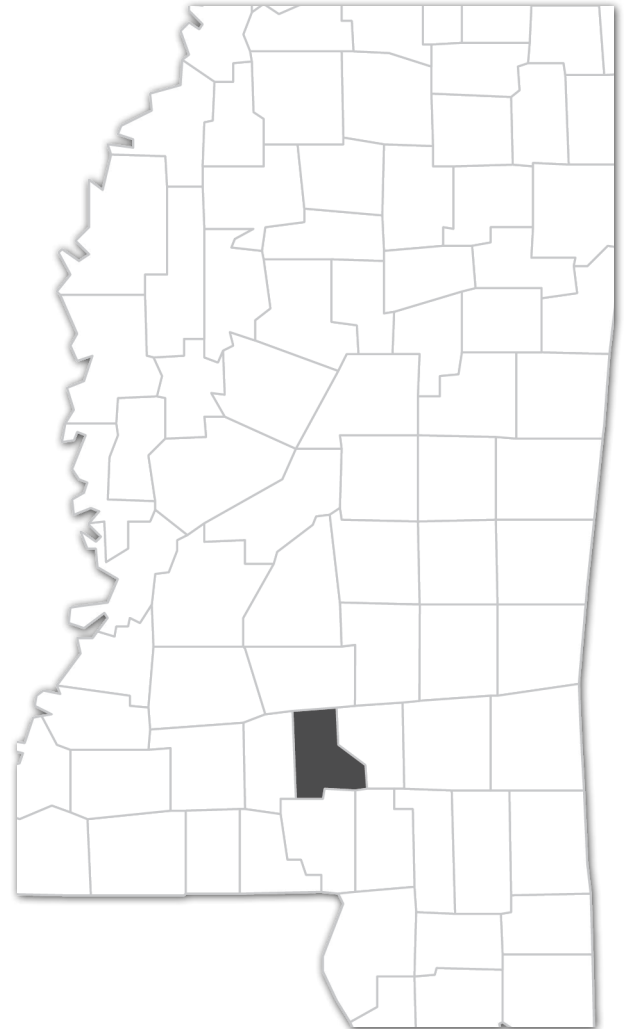


Table 1. Contributions from forest-related sectors on employment and income in Jefferson Davis County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	9	0.29	327,890	0.32
Logging	185	5.93	8,864,151	8.59
Solid Wood Product	2	0.06	0	0.00
Pulp and Paper	0	0.00	8,963	0.01
Wood Furniture	2	0.06	1,209	0.00
Subtotal	198	6.35	9,192,718	8.91
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	6	0.19	132,458	0.13
Real Estate, Finance, and Insurance	3	0.10	30,337	0.03
Services	7	0.22	131,261	0.13
Construction and Manufacturing	2	0.06	112,709	0.11
Health Care	1	0.03	60,648	0.06
Transportation and Warehousing	2	0.06	44,944	0.04
Government	1	0.03	30,577	0.03
Agriculture Production and Services	6	0.19	183,617	0.18
Food and Fiber	2	0.06	60,166	0.06
Hotels and Entertainment	0	0.00	4,602	0.00
Education	0	0.00	8,583	0.01
Subtotal	30	0.96	799,902	0.78
Total Impact from Forest Related Sector	231	7.41	9,992,620	9.69
Rest of the County	2,891	92.69	93,155,529	90.31
Total in County	3,119	100.00	103,148,149	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	388,891	0.09	334,199	0.17
Logging	17,263,685	3.85	9,741,654	5.07
Solid Wood Product	922,424	0.21	0	0.00
Pulp and Paper	76,370	0.02	9,633	0.01
Wood Furniture	350,327	0.08	3,775	0.00
Subtotal	19,001,697	4.23	10,085,102	5.24
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	1,059,828	0.24	677,114	0.35
Real Estate, Finance, and Insurance	1,004,717	0.22	592,170	0.31
Services	537,910	0.12	169,458	0.09
Construction and Manufacturing	522,256	0.12	151,865	0.08
Health Care	114,496	0.03	63,320	0.03
Transportation and Warehousing	231,141	0.05	75,223	0.04
Government	37,601	0.01	37,600	0.02
Agriculture Production and Services	1,165,421	0.26	115,906	0.06
Food and Fiber	222,866	0.05	86,733	0.05
Hotels and Entertainment	26,051	0.01	9,531	0.00
Education	10,162	0.00	6,460	0.00
Subtotal	4,932,449	1.10	1,985,380	1.03
Total Impact from Forest Related Sector	23,934,146	5.33	12,070,482	6.28
Rest of the County	424,856,078	94.67	180,246,086	93.72
Total in County	448,790,224	100.00	192,316,568	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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