

The Economic Contribution of Forestry and Forest Products in George County

George County

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

Employment and Income Contributions

Forest-related economic activity in George County during 2022 generated 250 jobs and nearly \$8.57 million in income. That's about 3.27 percent of jobs and 3.1 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 \$23.61 million, or about 2.01 percent of economic output in George County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$11.93 million, or about 2.17 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.

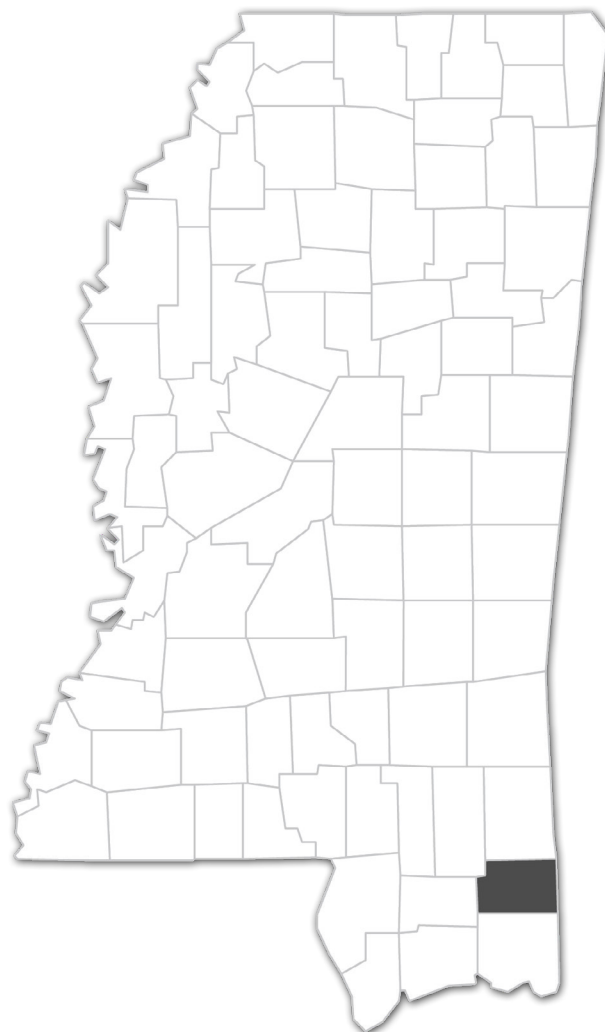


Table 1. Contributions from forest-related sectors on employment and income in George County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	93	1.22	2,914,288	1.06
Logging	110	1.44	4,122,131	1.49
Solid Wood Product	5	0.07	243,838	0.09
Pulp and Paper	0	0.00	2,758	0.00
Wood Furniture	7	0.09	275,944	0.10
Subtotal	215	2.82	7,558,959	2.74
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	11	0.14	384,110	0.14
Real Estate, Finance, and Insurance	3	0.04	95,662	0.03
Services	6	0.08	202,683	0.07
Construction and Manufacturing	2	0.03	98,114	0.04
Health Care	2	0.03	67,426	0.02
Transportation and Warehousing	1	0.01	68,041	0.02
Government	1	0.01	39,262	0.01
Agriculture Production and Services	7	0.09	948	0.00
Food and Fiber	2	0.03	47,223	0.02
Hotels and Entertainment	0	0.00	3,895	0.00
Education	0	0.00	2,243	0.00
Subtotal	35	0.46	1,009,607	0.37
Total Impact from Forest Related Sector	250	3.27	8,568,566	3.10
Rest of the County	7,384	96.73	267,437,093	96.90
Total in County	7,634	100.00	276,005,659	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	3,546,262	0.30	2,986,389	0.54
Logging	9,394,362	0.80	4,939,537	0.90
Solid Wood Product	4,110,600	0.35	1,148,309	0.21
Pulp and Paper	70,165	0.01	3,428	0.00
Wood Furniture	1,110,474	0.09	349,853	0.06
Subtotal	18,231,863	1.55	9,427,516	1.71
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	1,703,634	0.14	868,699	0.16
Real Estate, Finance, and Insurance	1,117,430	0.09	662,841	0.12
Services	657,431	0.06	285,228	0.05
Construction and Manufacturing	717,810	0.06	197,392	0.04
Health Care	126,028	0.01	72,305	0.01
Transportation and Warehousing	291,558	0.02	131,382	0.02
Government	48,854	0.00	48,491	0.01
Agriculture Production and Services	406,378	0.03	133,920	0.02
Food and Fiber	285,150	0.02	95,291	0.02
Hotels and Entertainment	19,082	0.00	7,981	0.00
Education	7,335	0.00	2,401	0.00
Subtotal	5,380,690	0.46	2,505,931	0.46
Total Impact from Forest Related Sector	23,612,553	2.01	11,933,447	2.17
Rest of the County	1,153,245,742	97.99	538,783,029	97.83
Total in County	1,176,858,295	100.00	550,716,476	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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