

The Economic Contribution of Forestry and Forest Products in Clay County

Clay County

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

Employment and Income Contributions

Forest-related economic activity in Clay County during 2022 generated 220 jobs and nearly \$11.37 million in income. That's about 2.3 percent of jobs and 2.67 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 \$28.58 million, or about 1.55 percent of economic output in Clay County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$14.26 million, or about 2.11 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.

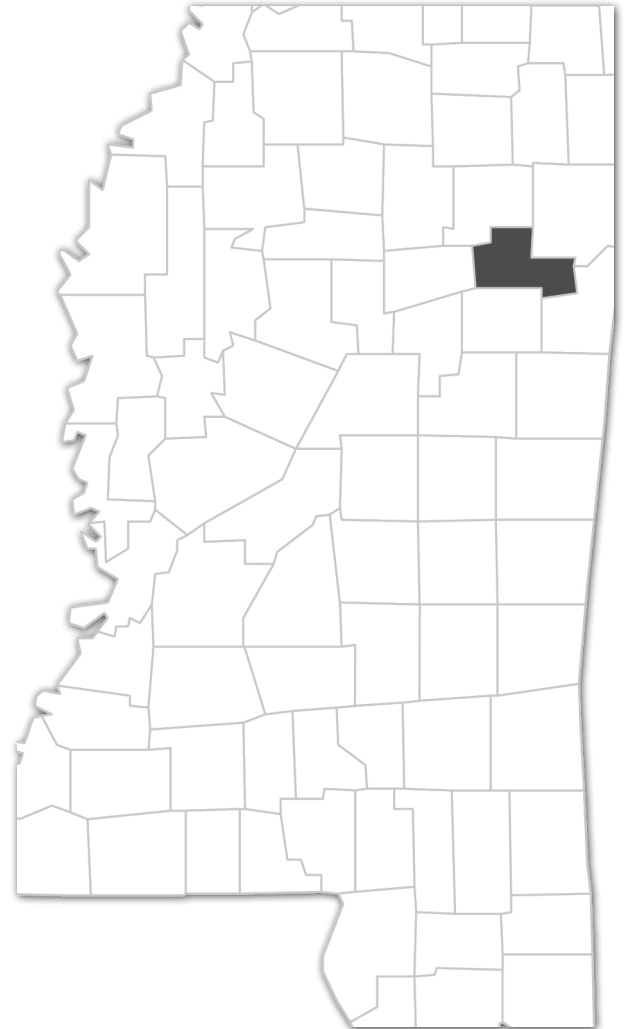


Table 1. Contributions from forest-related sectors on employment and income in Clay County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	20	0.21	223,624	0.05
Logging	111	1.16	7,382,644	1.73
Solid Wood Product	1	0.01	0	0.00
Pulp and Paper	0	0.00	30,337	0.01
Wood Furniture	49	0.51	2,125,302	0.50
Subtotal	181	1.89	9,744,273	2.29
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	10	0.10	408,223	0.10
Real Estate, Finance, and Insurance	5	0.05	111,087	0.03
Services	8	0.08	295,763	0.07
Construction and Manufacturing	2	0.02	114,835	0.03
Health Care	5	0.05	364,831	0.09
Transportation and Warehousing	3	0.03	161,433	0.04
Government	1	0.01	59,123	0.01
Agriculture Production and Services	1	0.01	20,410	0.00
Food and Fiber	1	0.01	51,850	0.01
Hotels and Entertainment	1	0.01	22,628	0.01
Education	0	0.00	14,349	0.00
Subtotal	37	0.39	1,624,532	0.38
Total Impact from Forest Related Sector	220	2.30	11,368,805	2.67
Rest of the County	9,364	97.72	414,446,450	97.33
Total in County	9,582	100.00	425,815,255	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	361,740	0.02	247,255	0.04
Logging	12,726,717	0.69	8,209,345	1.21
Solid Wood Product	533,232	0.03	0	0.00
Pulp and Paper	97,742	0.01	31,007	0.00
Wood Furniture	8,290,609	0.45	2,742,206	0.41
Subtotal	22,010,040	1.20	11,215,333	1.66
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	1,630,037	0.09	810,961	0.12
Real Estate, Finance, and Insurance	1,494,516	0.08	773,462	0.11
Services	988,190	0.05	449,347	0.07
Construction and Manufacturing	628,467	0.03	156,285	0.02
Health Care	768,528	0.04	419,004	0.06
Transportation and Warehousing	533,233	0.03	223,747	0.03
Government	107,311	0.01	80,470	0.01
Agriculture Production and Services	32,327	0.00	17,009	0.00
Food and Fiber	313,975	0.02	70,245	0.01
Hotels and Entertainment	60,541	0.00	34,322	0.01
Education	15,198	0.00	10,737	0.00
Subtotal	6,572,323	0.36	3,045,589	0.45
Total Impact from Forest Related Sector	28,582,363	1.55	14,260,922	2.11
Rest of the County	1,810,061,953	98.45	662,562,012	97.89
Total in County	1,838,644,316	100.00	676,822,934	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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