

The Economic Contribution of Forestry and Forest Products in Clarke County

Clarke County

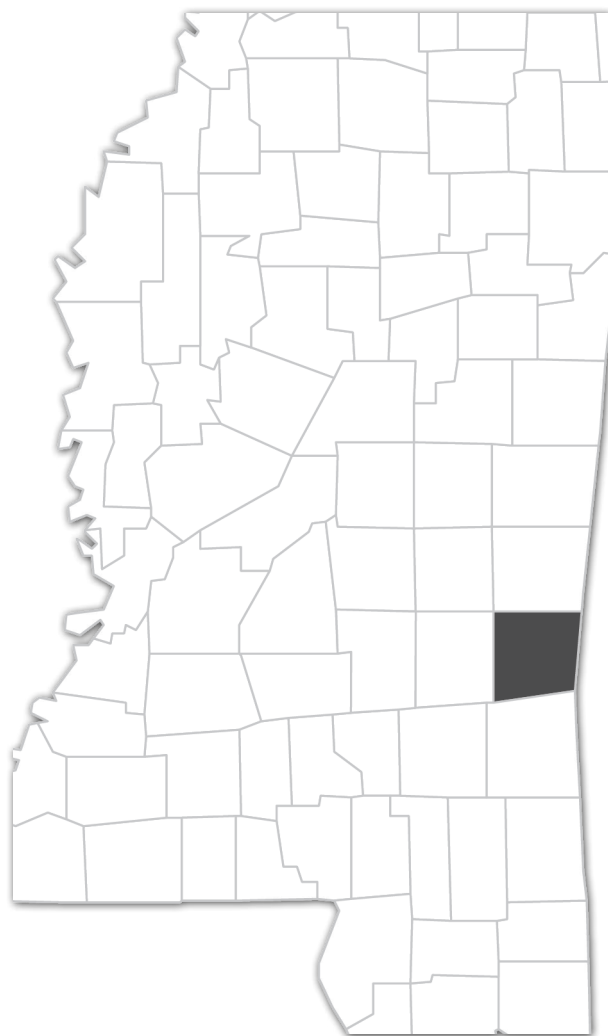
The forestry and forest products industries are a major component of Clarke County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other 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 Clarke County, Mississippi.

Employment and Income Contributions

Forest-related economic activity in Clarke County during 2022 generated 548 jobs and nearly \$25.25 million in income. That's about 11.21 percent of jobs and 14.38 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 \$92.21 million, or about 11.02 percent of economic output in Clarke County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$35.0 million, or about 11.72 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.



Mississippi Forestry Association

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

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	40	0.82	1,411,085	0.80
Logging	307	6.28	16,376,726	9.33
Solid Wood Product	52	1.06	1,881,125	1.07
Pulp and Paper	53	1.08	2,717,061	1.55
Wood Furniture	1	0.02	193,393	0.11
Subtotal	453	9.26	22,579,390	12.86
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	28	0.57	486,539	0.28
Real Estate, Finance, and Insurance	7	0.14	147,004	0.08
Services	25	0.51	455,396	0.26
Construction and Manufacturing	6	0.12	320,697	0.18
Health Care	9	0.18	416,844	0.24
Transportation and Warehousing	11	0.22	552,004	0.31
Government	2	0.04	105,413	0.06
Agriculture Production and Services	2	0.04	87,177	0.05
Food and Fiber	3	0.06	78,750	0.04
Hotels and Entertainment	1	0.02	14,576	0.01
Education	0	0.00	5,169	0.00
Subtotal	94	1.92	2,669,569	1.52
Total Impact from Forest Related Sector	548	11.21	25,248,959	14.38
Rest of the County	4,343	88.81	150,296,911	85.62
Total in County	4,890	100.00	175,545,870	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	1,738,353	0.21	1,457,137	0.49
Logging	31,554,441	3.77	19,077,544	6.39
Solid Wood Product	16,530,515	1.97	4,222,245	1.41
Pulp and Paper	27,934,190	3.34	4,292,435	1.44
Wood Furniture	403,191	0.05	194,936	0.07
Subtotal	78,160,690	9.34	29,244,297	9.79
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	3,161,821	0.38	1,386,112	0.46
Real Estate, Finance, and Insurance	2,673,973	0.32	1,603,188	0.54
Services	2,100,431	0.25	613,774	0.21
Construction and Manufacturing	1,702,433	0.20	480,651	0.16
Health Care	1,002,943	0.12	473,955	0.16
Transportation and Warehousing	1,981,452	0.24	808,580	0.27
Government	129,055	0.02	129,052	0.04
Agriculture Production and Services	719,711	0.09	85,096	0.03
Food and Fiber	500,632	0.06	139,522	0.05
Hotels and Entertainment	58,324	0.01	25,991	0.01
Education	15,601	0.00	5,830	0.00
Subtotal	14,046,376	1.68	5,751,751	1.93
Total Impact from Forest Related Sector	92,207,066	11.02	34,996,048	11.72
Rest of the County	744,829,805	88.98	263,680,949	88.28
Total in County	837,036,871	100.00	298,676,997	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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