

The Economic Contribution of Forestry and Forest Products in Chickasaw County

Chickasaw County

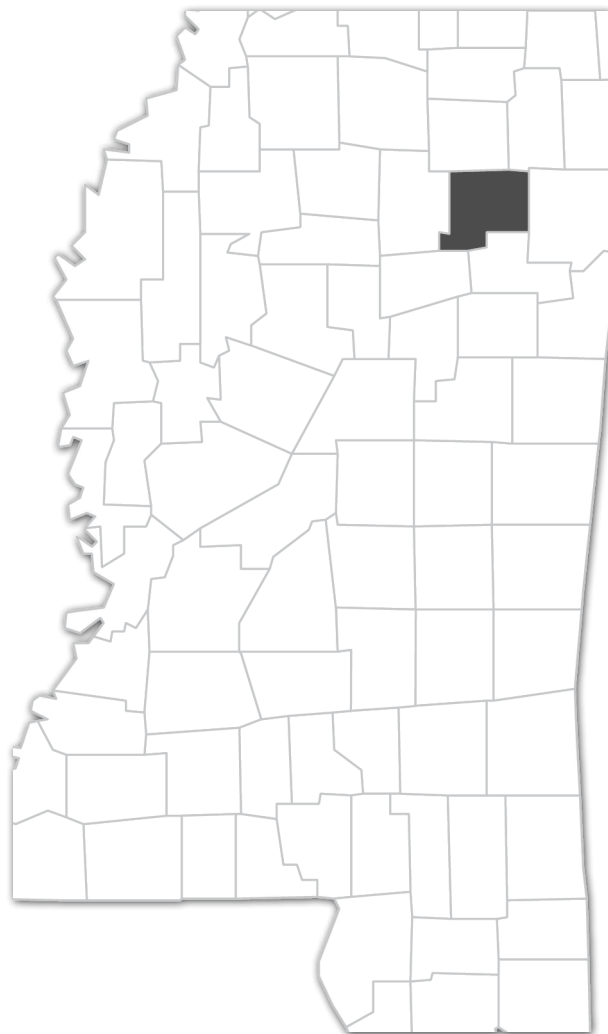
The forestry and forest products industries are a major component of Chickasaw County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other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

Employment and Income Contributions

Forest-related economic activity in Chickasaw County during 2022 generated 2,280 jobs and nearly \$101.95 million in income. That's about 29.76 percent of jobs and 32.59 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 \$473.35 million, or about 36.57 percent of economic output in Chickasaw County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$142.03 million, or about 28.43 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 Chickasaw County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	100	1.31	4,832,958	1.54
Logging	150	1.96	6,916,976	2.21
Solid Wood Product	25	0.33	880,927	0.28
Pulp and Paper	211	2.75	18,272,532	5.84
Wood Furniture	1,075	14.03	47,929,379	15.32
Subtotal	1,561	20.37	78,832,772	25.20
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	241	3.15	7,904,516	2.53
Real Estate, Finance, and Insurance	62	0.81	1,177,749	0.38
Services	149	1.94	3,692,160	1.18
Construction and Manufacturing	73	0.95	2,902,855	0.93
Health Care	21	0.27	1,115,902	0.36
Transportation and Warehousing	108	1.41	4,058,696	1.30
Government	16	0.21	798,961	0.26
Agriculture Production and Services	7	0.09	619,965	0.20
Food and Fiber	35	0.46	783,549	0.25
Hotels and Entertainment	5	0.07	44,769	0.01
Education	2	0.03	15,026	0.00
Subtotal	719	9.38	23,114,148	7.39
Total Impact from Forest Related Sector	2,280	29.76	101,946,920	32.59
Rest of the County	5,382	70.24	210,885,696	67.41
Total in County	7,662	100.00	312,832,616	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	5,382,069	0.42	4,858,251	0.97
Logging	14,096,839	1.09	7,986,862	1.60
Solid Wood Product	7,616,817	0.59	2,117,425	0.42
Pulp and Paper	120,919,498	9.34	28,286,845	5.66
Wood Furniture	212,133,829	16.39	53,181,643	10.65
Subtotal	360,149,052	27.82	96,431,026	19.30
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	34,109,825	2.64	16,049,060	3.21
Real Estate, Finance, and Insurance	19,967,922	1.54	9,996,763	2.00
Services	12,659,701	0.98	4,855,000	0.97
Construction and Manufacturing	19,498,392	1.51	4,719,215	0.94
Health Care	2,709,521	0.21	1,311,614	0.26
Transportation and Warehousing	15,440,681	1.19	5,450,671	1.09
Government	1,022,650	0.08	988,483	0.20
Agriculture Production and Services	1,194,208	0.09	653,090	0.13
Food and Fiber	6,142,612	0.47	1,441,485	0.29
Hotels and Entertainment	318,606	0.02	109,026	0.02
Education	137,831	0.01	21,776	0.00
Subtotal	113,201,949	8.75	45,596,183	9.13
Total Impact from Forest Related Sector	473,351,001	36.57	142,027,209	28.43
Rest of the County	821,026,871	63.43	357,486,420	71.57
Total in County	1,294,377,872	100.00	499,513,629	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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