

The Economic Contribution of Forestry and Forest Products in Carroll County

Carroll County

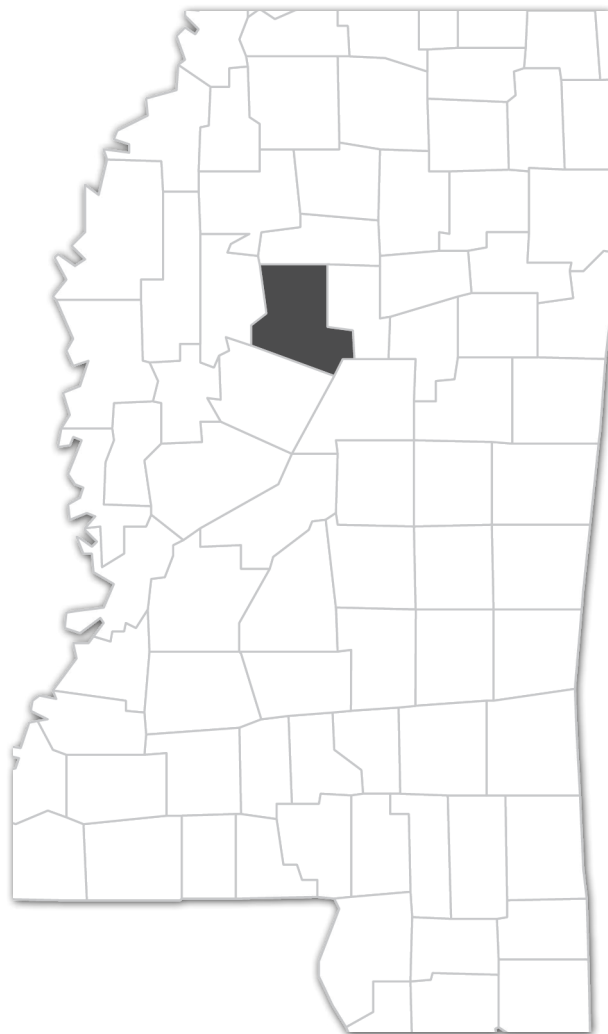
The forestry and forest products industries are a major component of Carroll County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other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

Employment and Income Contributions

Forest-related economic activity in Carroll County during 2022 generated 445 jobs and nearly \$24.95 million in income. That's about 14.8 percent of jobs and 33.08 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 \$84.11 million, or about 17.94 percent of economic output in Carroll County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$34.64 million, or about 19.09 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 Carroll County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	56	1.86	1,785,845	2.37
Logging	208	6.92	15,180,825	20.12
Solid Wood Product	24	0.80	1,291,481	1.71
Pulp and Paper	43	1.43	3,897,792	5.17
Wood Furniture	15	0.50	567,545	0.75
Subtotal	346	11.51	22,723,488	30.12
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	13	0.43	236,086	0.31
Real Estate, Finance, and Insurance	16	0.53	172,433	0.23
Services	25	0.83	411,876	0.55
Construction and Manufacturing	13	0.43	544,154	0.72
Health Care	3	0.10	171,472	0.23
Transportation and Warehousing	11	0.37	466,360	0.62
Government	2	0.07	113,523	0.15
Agriculture Production and Services	8	0.27	11,931	0.02
Food and Fiber	3	0.10	54,165	0.07
Hotels and Entertainment	2	0.07	17,636	0.02
Education	1	0.03	30,410	0.04
Subtotal	97	3.23	2,230,046	2.96
Total Impact from Forest Related Sector	445	14.80	24,953,534	33.08
Rest of the County	2,564	85.27	50,482,075	66.92
Total in County	3,007	100.00	75,435,609	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	2,124,176	0.45	1,827,735	1.01
Logging	25,139,180	5.36	16,692,670	9.20
Solid Wood Product	10,318,483	2.20	2,993,571	1.65
Pulp and Paper	28,689,594	6.12	6,457,613	3.56
Wood Furniture	2,455,075	0.52	660,892	0.36
Subtotal	68,726,508	14.65	28,632,481	15.78
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	2,825,273	0.60	1,622,127	0.89
Real Estate, Finance, and Insurance	3,652,455	0.78	1,590,435	0.88
Services	2,045,040	0.44	597,945	0.33
Construction and Manufacturing	3,249,447	0.69	710,935	0.39
Health Care	270,259	0.06	181,431	0.10
Transportation and Warehousing	1,623,153	0.35	578,331	0.32
Government	138,020	0.03	138,016	0.08
Agriculture Production and Services	1,070,337	0.23	433,972	0.24
Food and Fiber	311,023	0.07	83,594	0.05
Hotels and Entertainment	168,529	0.04	43,090	0.02
Education	33,238	0.01	22,884	0.01
Subtotal	15,386,774	3.28	6,002,760	3.31
Total Impact from Forest Related Sector	84,113,282	17.94	34,635,241	19.09
Rest of the County	384,867,981	82.06	146,778,263	80.91
Total in County	468,981,263	100.00	181,413,504	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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