

The Economic Contribution of Forestry and Forest Products in Lawrence County

Lawrence County

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

Employment and Income Contributions

Forest-related economic activity in Lawrence County during 2022 generated 1,230 jobs and nearly \$91.66 million in income. That's about 29.11 percent of jobs and 40.57 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 \$535.4 million, or about 43.98 percent of economic output in Lawrence County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$193.5 million, or about 45.26 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.

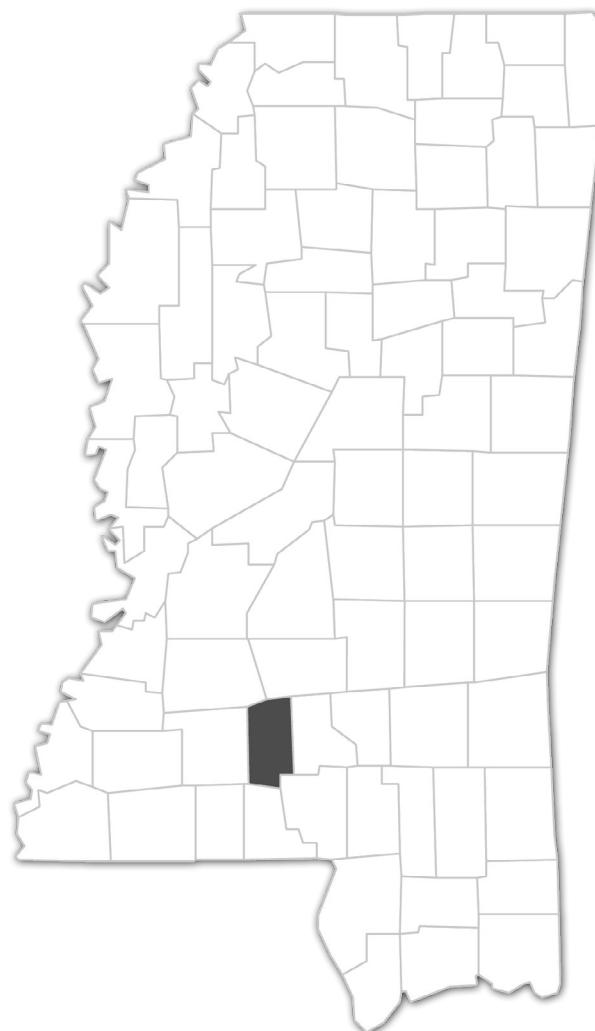


Table 1. Contributions from forest-related sectors on employment and income in Lawrence County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	34	0.80	1,140,543	0.50
Logging	263	6.22	12,558,291	5.56
Solid Wood Product	109	2.58	9,038,068	4.00
Pulp and Paper	428	10.13	53,857,097	23.83
Wood Furniture	3	0.07	16,922	0.01
Subtotal	837	19.81	76,610,921	33.90
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	119	2.82	3,043,951	1.35
Real Estate, Finance, and Insurance	24	0.57	628,848	0.28
Services	104	2.46	3,232,721	1.43
Construction and Manufacturing	54	1.28	3,134,077	1.39
Health Care	19	0.45	979,285	0.43
Transportation and Warehousing	36	0.85	2,625,352	1.16
Government	13	0.31	645,159	0.29
Agriculture Production and Services	4	0.09	308,803	0.14
Food and Fiber	15	0.36	380,585	0.17
Hotels and Entertainment	3	0.07	34,273	0.02
Education	1	0.02	39,992	0.02
Subtotal	392	9.28	15,053,046	6.66
Total Impact from Forest Related Sector	1,230	29.11	91,663,967	40.57
Rest of the County	2,996	70.91	134,296,662	59.43
Total in County	4,225	100.00	225,960,629	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	1,340,271	0.11	1,157,705	0.27
Logging	25,375,185	2.08	14,687,710	3.44
Solid Wood Product	55,350,581	4.55	20,714,632	4.85
Pulp and Paper	378,195,752	31.07	126,777,769	29.66
Wood Furniture	458,770	0.04	20,170	0.00
Subtotal	460,720,559	37.85	163,357,986	38.21
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	13,717,385	1.13	6,759,392	1.58
Real Estate, Finance, and Insurance	9,959,056	0.82	5,957,642	1.39
Services	11,201,565	0.92	4,206,615	0.98
Construction and Manufacturing	23,485,170	1.93	6,309,467	1.48
Health Care	1,721,644	0.14	1,045,712	0.24
Transportation and Warehousing	8,685,876	0.71	4,025,863	0.94
Government	788,939	0.06	788,916	0.18
Agriculture Production and Services	1,803,420	0.15	182,770	0.04
Food and Fiber	3,038,123	0.25	745,374	0.17
Hotels and Entertainment	181,675	0.01	74,712	0.02
Education	93,794	0.01	43,504	0.01
Subtotal	74,676,647	6.13	30,139,967	7.05
Total Impact from Forest Related Sector	535,397,206	43.98	193,497,953	45.26
Rest of the County	681,871,538	56.02	233,983,370	54.74
Total in County	1,217,268,744	100.00	427,481,323	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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