

The Economic Contribution of Forestry and Forest Products in Lowndes County

Lowndes County

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

Employment and Income Contributions

Forest-related economic activity in Lowndes County during 2022 generated 1,266 jobs and nearly \$80.98 million in income. That's about 3.62 percent of jobs and 3.85 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 \$470.86 million, or about 5.76 percent of economic output in Lowndes County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$160.67 million, or about 4.44 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.

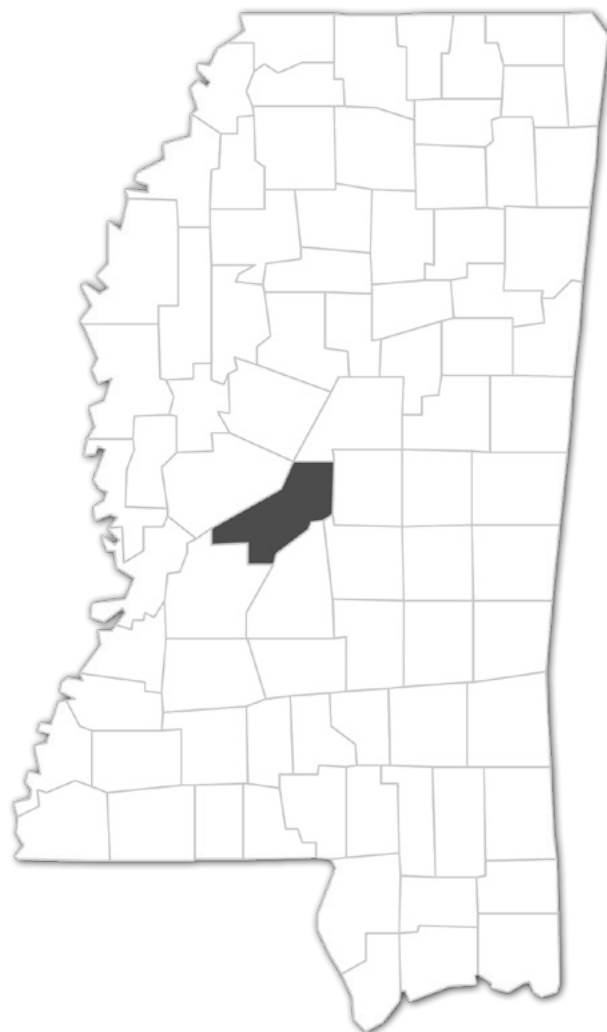


Table 1. Contributions from forest-related sectors on employment and income in Lowndes County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	98	0.28	6,179,942	0.29
Logging	55	0.16	3,473,694	0.17
Solid Wood Product	85	0.24	4,305,816	0.20
Pulp and Paper	366	1.05	33,516,438	1.59
Wood Furniture	48	0.14	2,419,531	0.11
Subtotal	652	1.86	49,895,421	2.37
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	169	0.48	7,439,268	0.35
Real Estate, Finance, and Insurance	42	0.12	1,672,746	0.08
Services	137	0.39	6,203,162	0.29
Construction and Manufacturing	42	0.12	3,436,194	0.16
Health Care	39	0.11	3,463,370	0.16
Transportation and Warehousing	81	0.23	5,072,448	0.24
Government	18	0.05	1,524,785	0.07
Agriculture Production and Services	1	0.00	47,003	0.00
Food and Fiber	75	0.21	2,018,907	0.10
Hotels and Entertainment	6	0.02	103,890	0.00
Education	4	0.01	102,657	0.00
Subtotal	614	1.75	31,084,430	1.48
Total Impact from Forest Related Sector	1,266	3.62	80,979,851	3.85
Rest of the County	33,722	96.38	2,023,533,634	96.15
Total in County	34,988	100.00	2,104,513,485	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	7,125,277	0.09	6,309,246	0.17
Logging	6,248,601	0.08	4,010,255	0.11
Solid Wood Product	37,161,369	0.45	10,484,975	0.29
Pulp and Paper	294,532,495	3.60	79,610,855	2.20
Wood Furniture	8,432,787	0.10	2,801,924	0.08
Subtotal	353,500,529	4.32	103,217,255	2.85
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	30,668,776	0.38	17,322,744	0.48
Real Estate, Finance, and Insurance	13,778,529	0.17	8,380,236	0.23
Services	18,115,194	0.22	8,549,448	0.24
Construction and Manufacturing	24,379,110	0.30	6,715,246	0.19
Health Care	5,890,617	0.07	3,763,966	0.10
Transportation and Warehousing	11,558,605	0.14	6,447,361	0.18
Government	2,096,959	0.03	1,809,799	0.05
Agriculture Production and Services	227,269	0.00	71,038	0.00
Food and Fiber	10,000,905	0.12	4,064,770	0.11
Hotels and Entertainment	421,696	0.01	218,363	0.01
Education	224,311	0.00	110,291	0.00
Subtotal	117,361,971	1.44	57,453,262	1.59
Total Impact from Forest Related Sector	470,862,500	5.76	160,670,517	4.44
Rest of the County	7,704,266,186	94.24	3,455,284,355	95.56
Total in County	8,175,128,686	100.00	3,615,954,872	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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