

The Economic Contribution of Forestry and Forest Products in Pike County

Pike County

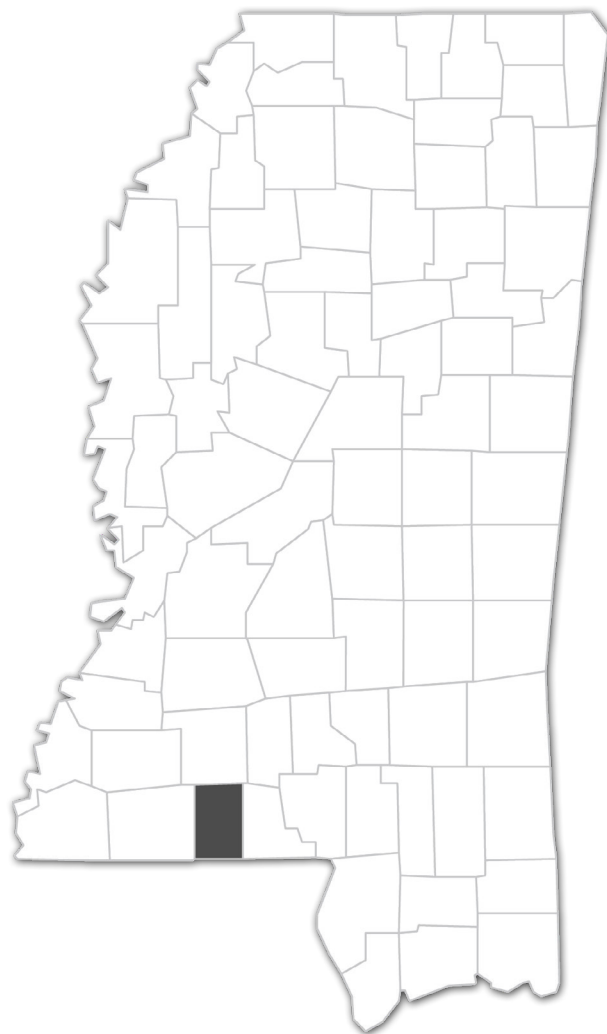
The forestry and forest products industries are a major component of Pike County's economy. The forest-related economic sectors generate value not only within their own sectors but also in other sectors of the economy. The multiplier effect of economic activity in one sector and the impacts on other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

Employment and Income Contributions

Forest-related economic activity in Pike County during 2022 generated 1,232 jobs and nearly \$65.51 million in income. That's about 5.9 percent of jobs and 7.6 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 \$324.22 million, or about 9.08 percent of economic output in Pike County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$124.77 million, or about 8.38 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 Pike County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	140	0.67	6,932,295	0.80
Logging	128	0.61	7,651,254	0.89
Solid Wood Product	333	1.60	25,040,430	2.90
Pulp and Paper	79	0.38	5,289,105	0.61
Wood Furniture	51	0.24	1,928,238	0.22
Subtotal	731	3.50	46,841,322	5.43
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	187	0.90	7,468,161	0.87
Real Estate, Finance, and Insurance	45	0.22	1,419,776	0.16
Services	121	0.58	4,238,253	0.49
Construction and Manufacturing	17	0.08	906,567	0.11
Health Care	29	0.14	1,194,572	0.14
Transportation and Warehousing	67	0.32	2,121,505	0.25
Government	13	0.06	830,280	0.10
Agriculture Production and Services	2	0.01	29,249	0.00
Food and Fiber	12	0.06	352,930	0.04
Hotels and Entertainment	5	0.02	93,467	0.01
Education	3	0.01	17,386	0.00
Subtotal	501	2.40	18,672,146	2.17
Total Impact from Forest Related Sector	1,232	5.90	65,513,468	7.60
Rest of the County	19,643	94.10	796,856,609	92.40
Total in County	20,875	100.00	862,370,077	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	7,801,295	0.22	6,992,061	0.47
Logging	14,066,784	0.39	8,864,101	0.60
Solid Wood Product	173,956,251	4.87	61,088,403	4.10
Pulp and Paper	43,546,819	1.22	8,247,528	0.55
Wood Furniture	8,241,011	0.23	2,492,294	0.17
Subtotal	247,612,160	6.94	87,684,387	5.89
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	29,711,318	0.83	15,896,292	1.07
Real Estate, Finance, and Insurance	11,852,636	0.33	6,793,598	0.46
Services	13,983,168	0.39	6,114,010	0.41
Construction and Manufacturing	6,337,399	0.18	1,676,006	0.11
Health Care	2,472,276	0.07	1,300,296	0.09
Transportation and Warehousing	7,838,251	0.22	3,470,210	0.23
Government	1,111,253	0.03	1,047,218	0.07
Agriculture Production and Services	327,937	0.01	42,366	0.00
Food and Fiber	2,477,595	0.07	496,764	0.03
Hotels and Entertainment	410,922	0.01	231,934	0.02
Education	86,769	0.00	20,407	0.00
Subtotal	76,609,524	2.15	37,089,101	2.49
Total Impact from Forest Related Sector	324,221,684	9.08	124,773,488	8.38
Rest of the County	3,244,932,783	90.92	1,364,523,080	91.62
Total in County	3,569,154,467	100.00	1,489,296,568	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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