

# The Economic Contribution of Forestry and Forest Products in Panola County

## Panola County

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

## Employment and Income Contributions

Forest-related economic activity in Panola County during 2022 generated 591 jobs and nearly \$21.85 million in income. That's about 3.65 percent of jobs and 2.93 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 \$70.57 million, or about 2.37 percent of economic output in Panola County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$31.91 million, or about 2.41 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 Panola County, Mississippi, 2022.**

<b>Sectors</b>	<b>Number of Jobs</b>	<b>% of County</b>	<b>Income (\$)</b>	<b>% of County</b>
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	160	0.99	6,654,201	0.89
Logging	186	1.15	2,867,447	0.38
Solid Wood Product	69	0.43	4,400,324	0.59
Pulp and Paper	0	0.00	38,611	0.01
Wood Furniture	57	0.35	2,764,230	0.37
Subtotal	472	2.92	16,724,813	2.25
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	36	0.22	1,705,939	0.23
Real Estate, Finance, and Insurance	11	0.07	496,654	0.07
Services	26	0.16	739,053	0.10
Construction and Manufacturing	6	0.04	384,562	0.05
Health Care	11	0.07	667,374	0.09
Transportation and Warehousing	14	0.09	756,034	0.10
Government	2	0.01	100,727	0.01
Agriculture Production and Services	6	0.04	17,551	0.00
Food and Fiber	6	0.04	206,998	0.03
Hotels and Entertainment	1	0.01	22,404	0.00
Education	1	0.01	23,605	0.00
Subtotal	120	0.74	5,120,901	0.69
<b>Total Impact from Forest Related Sector</b>	<b>591</b>	<b>3.65</b>	<b>21,845,714</b>	<b>2.93</b>
<b>Rest of the County</b>	<b>15,599</b>	<b>96.34</b>	<b>723,069,648</b>	<b>97.07</b>
<b>Total in County</b>	<b>16,191</b>	<b>100.00</b>	<b>744,915,362</b>	<b>100.00</b>

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
<b>Direct Contribution from Forest Related Sectors</b>				
Forest Support Service	7,615,251	0.26	6,747,719	0.51
Logging	11,149,074	0.38	3,577,644	0.27
Solid Wood Product	20,005,936	0.67	8,437,323	0.64
Pulp and Paper	106,015	0.00	39,281	0.00
Wood Furniture	11,273,218	0.38	3,081,817	0.23
<b>Subtotal</b>	<b>50,149,494</b>	<b>1.69</b>	<b>21,883,784</b>	<b>1.65</b>
<b>Indirect and Induced Contributions on Sectors</b>				
Retail and Wholesale Trade	6,554,036	0.22	3,699,706	0.28
Real Estate, Finance, and Insurance	3,677,754	0.12	2,008,264	0.15
Services	2,452,987	0.08	1,019,055	0.08
Construction and Manufacturing	2,406,608	0.08	650,308	0.05
Health Care	1,266,978	0.04	726,407	0.05
Transportation and Warehousing	1,876,558	0.06	947,245	0.07
Government	126,938	0.00	125,784	0.01
Agriculture Production and Services	731,159	0.02	303,041	0.02
Food and Fiber	1,193,273	0.04	476,599	0.04
Hotels and Entertainment	101,723	0.00	54,846	0.00
Education	29,290	0.00	19,067	0.00
<b>Subtotal</b>	<b>20,417,304</b>	<b>0.69</b>	<b>10,030,322</b>	<b>0.76</b>
<b>Total Impact from Forest Related Sector</b>	<b>70,566,798</b>	<b>2.37</b>	<b>31,914,106</b>	<b>2.41</b>
<b>Rest of the County</b>	<b>2,900,803,564</b>	<b>97.63</b>	<b>1,291,332,414</b>	<b>97.59</b>
<b>Total in County</b>	<b>2,971,370,362</b>	<b>100.00</b>	<b>1,323,246,520</b>	<b>100.00</b>

Estimates developed using IMPLAN software and data. Timber harvest value according to the Mississippi Harvest of Forest Products Report.

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