

The Economic Contribution of Forestry and Forest Products in Webster County

Webster County

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

Employment and Income Contributions

Forest-related economic activity in Webster County during 2022 generated 200 jobs and nearly \$12.3 million in income. That's about 5.36 percent of jobs and 10.07 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 \$25.12 million, or about 4.35 percent of economic output in Webster County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$15.28 million, or about 6.19 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.

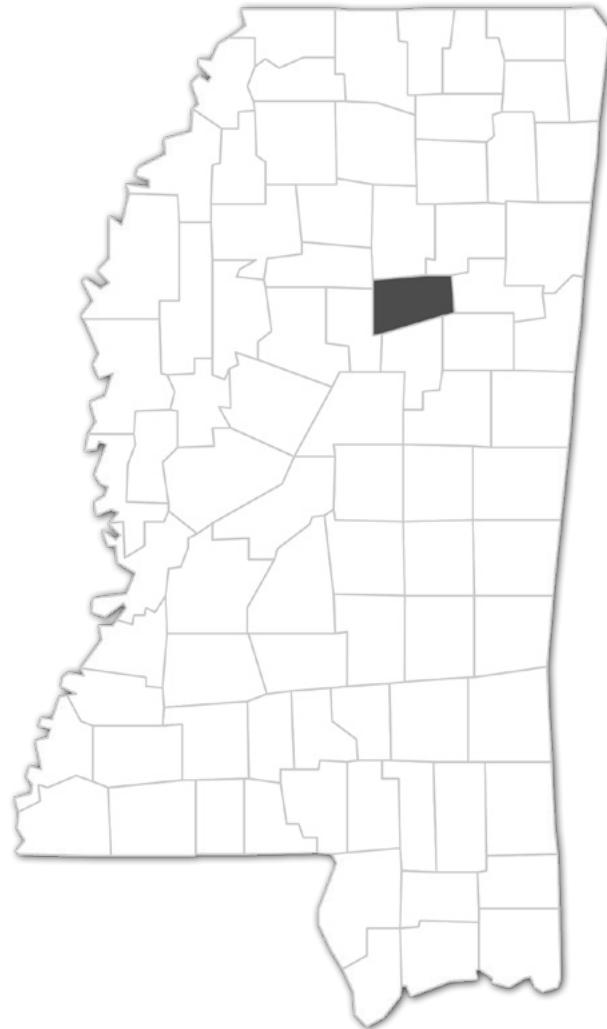


Table 1. Contributions from forest-related sectors on employment and income in Webster County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	16	0.43	32,905	0.03
Logging	143	3.84	10,998,718	9.00
Solid Wood Product	2	0.05	16,722	0.01
Pulp and Paper	0	0.00	2,758	0.00
Wood Furniture	2	0.05	86,782	0.07
Subtotal	163	4.37	11,137,885	9.11
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	7	0.19	209,930	0.17
Real Estate, Finance, and Insurance	5	0.13	63,335	0.05
Services	6	0.16	173,339	0.14
Construction and Manufacturing	1	0.03	45,157	0.04
Health Care	7	0.19	422,974	0.35
Transportation and Warehousing	2	0.05	84,965	0.07
Government	1	0.03	50,197	0.04
Agriculture Production and Services	5	0.13	56,356	0.05
Food and Fiber	2	0.05	47,199	0.04
Hotels and Entertainment	0	0.00	4,445	0.00
Education	0	0.00	8,705	0.01
Subtotal	36	0.97	1,166,602	0.95
Total Impact from Forest Related Sector	200	5.36	12,304,487	10.07
Rest of the County	3,529	94.66	109,931,684	89.93
Total in County	3,728	100.00	122,236,171	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	135,764	0.02	50,036	0.02
Logging	18,278,495	3.16	12,448,642	5.04
Solid Wood Product	722,020	0.12	20,761	0.01
Pulp and Paper	70,165	0.01	3,428	0.00
Wood Furniture	326,275	0.06	88,542	0.04
Subtotal	19,532,719	3.38	12,611,409	5.11
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	1,196,344	0.21	747,503	0.30
Real Estate, Finance, and Insurance	1,356,663	0.23	677,512	0.27
Services	558,572	0.10	217,570	0.09
Construction and Manufacturing	427,546	0.07	106,962	0.04
Health Care	954,358	0.17	493,100	0.20
Transportation and Warehousing	323,626	0.06	116,930	0.05
Government	63,423	0.01	61,302	0.02
Agriculture Production and Services	337,507	0.06	161,187	0.07
Food and Fiber	322,284	0.06	68,320	0.03
Hotels and Entertainment	18,342	0.00	9,048	0.00
Education	26,456	0.00	9,838	0.00
Subtotal	5,585,121	0.97	2,669,272	1.08
Total Impact from Forest Related Sector	25,117,840	4.35	15,280,681	6.19
Rest of the County	552,757,276	95.65	231,725,710	93.81
Total in County	577,875,116	100.00	247,006,391	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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