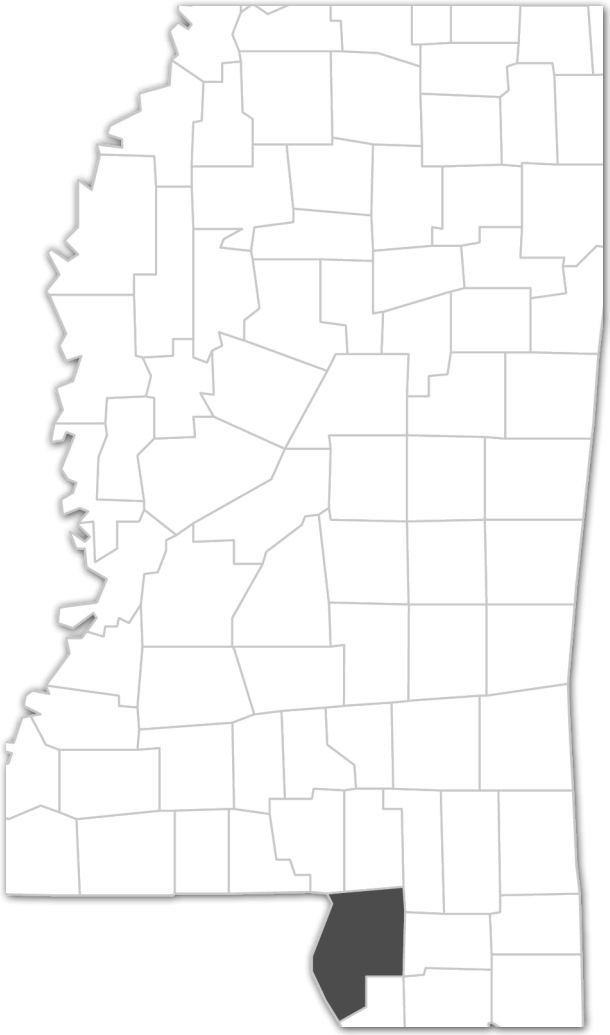
MISSISSIPPI STATE UNIVERSITY EXTENSION

The Economic Contribution of Forestry and Forest Products in Pearl River County

Pearl River County

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



Employment and Income Contributions

Forest-related economic activity in Pearl River County during 2022 generated 805 jobs and nearly $21.58 million in income. That's about 4.43 percent of jobs and 3.17 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 $102.98 million, or about 4.14 percent of economic output in Pearl River County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over $40.91 million, or about 3.19 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.

Mississippi Forestry Association

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

Sectors	Number of Jobs	% of County	Income ($)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	65	0.36	2,143,421	0.31
Logging	337	1.85	4,447,505	0.65
Solid Wood Product	34	0.19	1,914,806	0.28
Pulp and Paper	21	0.12	1,565,146	0.23
Wood Furniture	29	0.16	1,167,781	0.17
Subtotal	486	2.68	11,238,659	1.65
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	83	0.46	3,251,356	0.48
Real Estate, Finance, and Insurance	33	0.18	872,576	0.13
Services	58	0.32	1,973,788	0.29
Construction and Manufacturing	22	0.12	987,930	0.15
Health Care	37	0.20	1,395,301	0.20
Transportation and Warehousing	15	0.08	616,542	0.09
Government	8	0.04	476,535	0.07
Agriculture Production and Services	17	0.09	0	0.00
Food and Fiber	37	0.20	794,492	0.12
Hotels and Entertainment	5	0.03	79,539	0.01
Education	3	0.02	29,687	0.00
Subtotal	318	1.75	10,346,159	1.52
Total Impact from Forest Related Sector	805	4.43	21,584,818	3.17
Rest of the County	17,364	95.57	659,367,378	96.83
Total in County	18,168	100.00	680,952,196	100.00

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

Sectors	Output ($)	% of County	Value-Added ($)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	2,540,386	0.10	2,182,895	0.17
Logging	19,513,560	0.78	5,813,740	0.45
Solid Wood Product	18,450,862	0.74	5,191,168	0.40
Pulp and Paper	11,761,967	0.47	2,429,362	0.19
Wood Furniture	4,737,738	0.19	1,500,449	0.12
Subtotal	57,004,513	2.29	17,117,614	1.33
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	13,043,389	0.52	7,504,261	0.58
Real Estate, Finance, and Insurance	12,283,224	0.49	7,405,968	0.58
Services	6,175,500	0.25	2,735,085	0.21
Construction and Manufacturing	4,439,017	0.18	1,383,876	0.11
Health Care	2,765,130	0.11	1,569,650	0.12
Transportation and Warehousing	2,179,874	0.09	809,323	0.06
Government	631,627	0.03	596,316	0.05
Agriculture Production and Services	622,893	0.03	270,165	0.02
Food and Fiber	3,306,864	0.13	1,333,660	0.10
Hotels and Entertainment	408,854	0.02	155,110	0.01
Education	114,308	0.00	30,075	0.00
Subtotal	45,970,680	1.85	23,793,489	1.85
Total Impact from Forest Related Sector	102,975,193	4.14	40,911,103	3.19
Rest of the County	2,384,846,459	95.86	1,242,213,132	96.81
Total in County	2,487,821,652	100.00	1,283,124,235	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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