

The Economic Contribution of Forestry and Forest Products in Noxubee County

Noxubee County

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

Employment and Income Contributions

Forest-related economic activity in Noxubee County during 2022 generated 877 jobs and nearly \$44.17 million in income. That's about 17.74 percent of jobs and 23.11 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 \$233.1 million, or about 24.9 percent of economic output in Noxubee County, is generated by the forestry and forest products industries. Forest-related value-added amounted to over \$92.51 million, or about 23.89 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 Noxubee County, Mississippi, 2022.

Sectors	Number of Jobs	% of County	Income (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	51	1.03	2,212,780	1.16
Logging	249	5.04	11,808,974	6.18
Solid Wood Product	310	6.27	22,306,469	11.67
Pulp and Paper	0	0.00	11,032	0.01
Wood Furniture	6	0.12	236,559	0.12
Subtotal	616	12.46	36,575,814	19.13
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	86	1.74	2,240,634	1.17
Real Estate, Finance, and Insurance	15	0.30	362,982	0.19
Services	75	1.52	1,308,618	0.68
Construction and Manufacturing	18	0.36	688,181	0.36
Health Care	7	0.14	164,753	0.09
Transportation and Warehousing	41	0.83	2,019,630	1.06
Government	8	0.16	440,988	0.23
Agriculture Production and Services	5	0.10	219,669	0.11
Food and Fiber	2	0.04	85,136	0.04
Hotels and Entertainment	3	0.06	54,111	0.03
Education	1	0.02	10,099	0.01
Subtotal	261	5.28	7,594,801	3.97
Total Impact from Forest Related Sector	877	17.74	44,170,615	23.11
Rest of the County	4,068	82.26	146,979,046	76.89
Total in County	4,945	100.00	191,149,661	100.00

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

Sectors	Output (\$)	% of County	Value-Added (\$)	% of County
Direct Contribution from Forest Related Sectors				
Forest Support Service	2,498,862	0.27	2,230,117	0.58
Logging	23,974,756	2.56	13,850,445	3.58
Solid Wood Product	166,158,086	17.75	57,546,806	14.86
Pulp and Paper	78,438	0.01	11,702	0.00
Wood Furniture	1,036,829	0.11	305,914	0.08
Subtotal	193,746,971	20.70	73,944,984	19.10
Indirect and Induced Contributions on Sectors				
Retail and Wholesale Trade	15,737,206	1.68	8,516,081	2.20
Real Estate, Finance, and Insurance	4,585,124	0.49	2,832,507	0.73
Services	4,666,491	0.50	1,703,793	0.44
Construction and Manufacturing	4,445,362	0.47	1,087,220	0.28
Health Care	448,183	0.05	173,360	0.04
Transportation and Warehousing	6,909,562	0.74	3,006,975	0.78
Government	606,940	0.06	561,822	0.15
Agriculture Production and Services	1,028,593	0.11	431,865	0.11
Food and Fiber	636,109	0.07	128,623	0.03
Hotels and Entertainment	260,250	0.03	113,300	0.03
Education	29,445	0.00	11,508	0.00
Subtotal	39,353,265	4.20	18,567,054	4.79
Total Impact from Forest Related Sector	233,100,236	24.90	92,512,038	23.89
Rest of the County	702,876,293	75.10	294,727,707	76.11
Total in County	935,976,529	100.00	387,239,745	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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