

Economic Contribution of Forestry and Forest Products

on Bienville Parish, Louisiana



The forest products industry contributes to each parish economy in several ways, including jobs, wages and purchases in the local economies as well as local, state and federal taxes.

Additionally, the purchase of goods and services by the forest products industry and its employees spurs economic activity in other sectors of the economy, resulting in a substantial cumulative economic contribution.

The forestry and forest products industry in **Bienville Parish**, Louisiana, had a total economic contribution amounting to approximately **301 jobs and \$16,745,994 in income during 2021**. Forestry and the forest products industry generated an output of **\$59,026,565 in Bienville Parish**. Total industry output is defined as the value of all goods and services produced in the parish.

Value added amounted to approximately \$22,495,084. Value added represents the creation of new wealth and is inserted into the economy through payments made to workers, interest, profits and indirect business taxes.

The forestry and forest products contribution to the Louisiana economy are summarized in the right column and detailed in **Table 1**.

These results were obtained using Impact Analysis for Planning (IMPLAN), an input-output model. Input-output analysis can track how the inputs of one sector of the economy are the outputs of other sectors. This can illustrate a sector or group of sectors' importance to the overall economy.

BIENVILLE PARISH



JOBS

301

OUTPUT

\$59,026,565

INCOME

\$16,745,994

VALUE ADDED

\$22,495,084

FEDERAL TAX TOTAL

\$2,637,177

STATE TAX TOTAL

\$383,899

BIENVILLE PARISH

Category	Direct	Indirect	Induced	Total
Employment	252	32	17	301
Labor Income	\$15,058,022	\$1,195,543	\$492,429	\$16,745,994
Total Value Added	\$18,974,468	\$2,173,849	\$1,346,766	\$22,495,084
Output	\$51,668,927	\$4,865,106	\$2,492,533	\$59,026,565

Table 1. Contributions from Forest-related Sectors on Employment, Labor Income, Output and Total Value Added in Bienville Parish, Louisiana (2021).

	Employee Compensation	Proprietor Income	Tax on Production and Imports	Households	Corporations	Totals
Federal Tax	\$1,668,950	\$52,128	-\$176,880	\$910,777	\$182,202	\$2,637,177
State and Local Tax	\$18,307		\$312,607	\$179,399	\$31,253	\$541,567

Table 2. Tax Contributions from the Forest Sector.

GLOSSARY:

Employment: Number of full- and part-time employees in the chosen industries and the jobs created in the rest of the economy by the chosen industries.

Labor income: Includes wages, salaries and benefits of employees as well as income for self-employed individuals.

Output: Represents the value of industry production.

Value added: The difference between an industry's total output and the cost of its intermediate inputs.

Direct effects: Refers to the sector's own production, value-added, employment and labor incomes.

Indirect effects: Refers to the economic activities in other sectors by the forest sector's purchase of goods and services from those other sectors.

Induced effects: Refers to spending by employees from the forest sector on goods and services, such as groceries and gasoline.

Jinggang Guo, Department of Agricultural Economics and Agribusiness, LSU AgCenter

Valerie S. West, Northwest Extension Agent, LSU AgCenter

Morgan Daigle, Research Associate, Department of Agricultural Economics and Agribusiness, LSU AgCenter

Contact Jinggang Guo at JGuo@agcenter.lsu.edu for more details on this publication.



Visit our website: www.LSUAgCenter.com

Pub. 3617-BIE (online) 10/23

Acknowledgements: This work has been supported, in part, by the USDA National Institute of Food and Agriculture, Renewable Resources Extension Act Award Numbers: 2017-46000-01800 (Louisiana State University).

The LSU AgCenter and LSU provide equal opportunities in programs and employment.