

# *Barnwell County*

## **Economic Impact of Forestry and Forest-Products Industries**

Forestry and forest-products industries make an important contribution to the economy of Barnwell county, South Carolina. The purchase of goods and services by this industry and its employees creates economic activity in other sectors of the economy (Khanal et al. 2018).

### **Highlights**

- Total forest land 291,474 acres, 82% forested
- Forestry and forest-products industries generate 11.76% of the total economic output. Every million dollars of output in forestry sector creates \$140,672 output in other sectors.
- Forestry and forest-products industries provide 5.77% of the total jobs in the county. Every 10 direct-hire in forestry creates 7 additional jobs in the county.
- Forestry and forest-products industries provide 8.81% of the total labor income in the county.
- Forestry and forest-products industries provide 8.68% of the total value-added in the county.

Table 1: Direct economic impacts from forestry and forest-related sectors on employment and income in Barnwell County, 2019.

<b>Forestry sectors</b>	<b># of Jobs</b>	<b>% of County</b>	<b>Labor Income (\$)</b>	<b>% of County</b>
Direct impact from forestry and forest-products industries				
Forestry and logging	13	0.15%	\$399,901	0.13%
Solid wood products	146	1.69%	\$8,993,937	3.01%
Pulp and paper	142	1.65%	\$12,000,594	4.02%
Wood furniture	0	0%	\$0	0%
<b>Subtotal</b>	<b>301</b>	<b>3.49%</b>	<b>\$21,394,432</b>	<b>7.16%</b>

It is estimated that forestry and the forest-products industry have a total economic impact of \$162 million in total industry output, \$49 million in value-added, \$26 million in wages and salaries, and 497 jobs. Forestry and forest products industries generate 11.76% of the total economic activity in the county. In addition, forestry-related activities contributed an estimated \$10.55 million in tax revenue for federal, state, and local governments. This total includes tax revenue of \$6.52 million for federal and \$4.04 million for state and local governments.

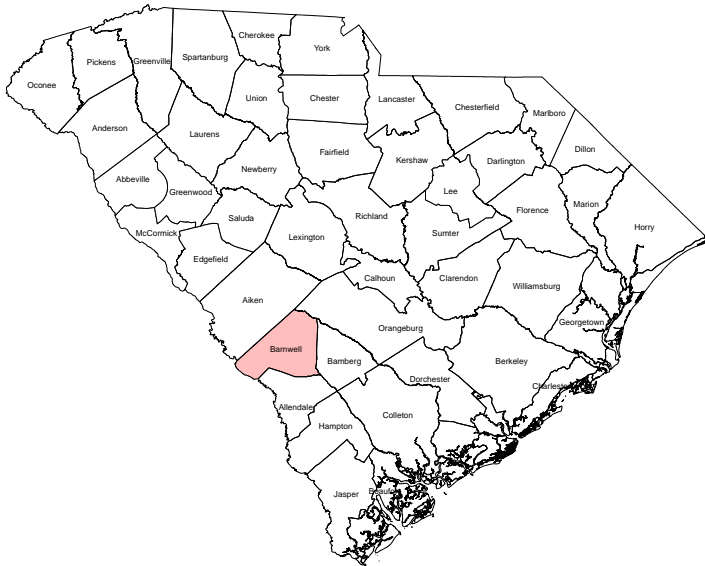
Table 2: Total economic impact from forestry and forest-related sectors on employment and income in Barnwell County, 2019.

<b>Total</b>	<b>Impact</b>	<b>% of County</b>	<b>Total Economic Impact</b>
Total economic impact of forestry and forest-products industries			Total = Direct + indirect + induced economic impacts (IMPLAN 2017).
Jobs	497	5.77%	
Labor income	\$26 million	8.81%	
Value-added	\$49 million	8.68%	
<b>Total Output</b>	<b>\$162 million</b>	<b>11.76%</b>	

### **Glossary:**

- The direct impacts are the actual expenditures and employment of the forestry and forest-products industries (forestry and logging, solid wood products, pulp and paper, and wood furniture).
- The indirect impacts are the goods and services purchased by their supporting industries (supply-chain effects).
- The induced impacts are the purchases of goods and services by employee households associated with direct and indirect impacts (employee spending effect).

## Economic impact of forestry and forest-products industries in Barnwell County, South Carolina.



### References

Khanal, P.N., T.J. Straka, and D.B. Willis. (2018, March 27). Economic Contribution Analysis of South Carolina's Forestry Sector, 2017. Retried from <https://dc.statelibrary.sc.gov/handle/10827/26853>.

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Factsheet prepared by-

**Puskar N. Khanal**, PhD, Assistant Professor; **Susan Guynn**, PhD, Director of Assessment and Scholarship; and **Derrick Phinney**, Natural Resources Program Team Leader. For more information, contact [pkhanal@clemson.edu](mailto:pkhanal@clemson.edu)

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