

Ohio's Forest Economy 2017



Handle grader and assistant, 1915, Ohio Agricultural Research and Development Center



Airplane white ash fitch, 1900's, Ohio Agricultural Research and Development Center

Forest Products Industry Contribution to Ohio's Economy

Ohio's hardwoods are sought by forest products manufacturers around the world. Each million board feet of logs harvested from Ohio woodlands and delivered processed into wood products (except furniture) in 2017 resulted in:

- The employment of 1.2 loggers
- The employment of 7.2 other people in Ohio
- \$518,454 in total wages and benefits
- \$568,472 in total value-added
- \$1.5 million in economic activity throughout our state



What is the current state of the resource?

- Over 7.9 million acres of forest land, 31% of the state's land area
- 6.8 million acres held by family forest owners
- 96.3% hardwoods and 3.7% conifers
- Growth continues to exceed removals by more than 1.56:1

What does the forest industry mean to Ohio?

- Converting raw materials into various forest products resulted in \$11.2 billion in value-added
- \$27.2 billion in total economic activity was generated
- Over 132,400 people were employed in 463 sectors of Ohio's economy
- Those workers earned \$7.7 billion in wages and benefits

But wait there's more!

This analysis does not include

- Non-timber forest products (such as maple syrup, Christmas trees etc.)
- Recreation including hunting, fishing etc.
- Any other eco-system services such as carbon sequestration and storm water runoff

Authored by Sayeed Mehmood, Ph.D., Associate Professor and Natural Resource Economics Extension Specialist, 2019. For questions on this document contact mehmood.9@osu.edu

Author would like to thank Kathy Smith.

Forest data obtained from the United States Forest Service Forest Inventory and Analysis (2017). Industry estimates were based on 2017 data from the Minnesota IMPLAN group and modeled using IMPLAN®.



Forestry Services and Logging

- Logging industry directly employs 3,069 people.
- Another 2,552 people are employed in Ohio because of logging
- Forestry services sector employs 3,565 people
- As a result of this another 1,027 people are employed in other sectors
- Total impacts include:
 - \$666.5 million in wages and benefits
 - \$837 million in value added
 - \$1.1 billion in total economic activity



Lumber and Wood Products

Wood Products Manufacturing directly employs 15,755 people. However, 16,928 *more* Ohioans are employed because of these sectors. Total impacts include...

- \$1.8 billion in wages and benefits
- \$2.5 billion in value added
- \$6.1 billion in total economic activity

Exports

Ohio's forest products are exported for shipment throughout the United States and around the world. Total exports include...

- \$14.5 billion to other states within the United States
- \$1.1 billion to foreign markets



Taxes

Forest industries significantly contribute to the tax base of local economies throughout Ohio. Total federal, state, and local tax impacts include...

- \$369.3 million in Northwestern Region
- \$625.9 million in Southwestern Region
- \$150.3 million in South-central Region
- \$22.6 million in Southeastern Region
- \$176.1 million in East-central Region
- \$761 million in Northeastern Region



Wood Furniture

Wood Furniture Manufacturing directly employs 12,419 people. However, 10,015 *more* Ohioans are employed because of these sectors. Total impacts include...

- \$1.2 billion in wages and benefits
- \$1.6 billion in value added
- \$3.5 billion in total economic activity



Paper Products

Paper manufacturing is the largest contributor to Ohio's forest economy, directly employing 20,181 people. However, 38,199 *more* people are employed in Ohio because of these sectors. Total impacts include...

- \$3.7 billion in wages and benefits
- \$5.8 billion in value added
- \$16.1 billion in total economic activity