Forestry Impacts Warren County’s Economy

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Warren County’s Forests

- **Warren County’s land base.**
  - Nonforest Land 70%
  - Forest Land 30%

- **Warren County’s forest land ownership.**
  - Publicly Owned 16%
  - Privately Owned 84%

- **Warren County’s timberland growing stock distribution.**
  - Hard Maple 25%
  - Black Walnut 13%
  - Ash 24%
  - All Other Species 38%

Informational Resources

- **School of Environment and Natural Resources**
  - The Ohio State University
  - 2021 Coffey Rd.
  - Columbus, OH 43210
  - Phone: (614) 688-3421
  - Web: [ohiowood.osu.edu](http://ohiowood.osu.edu)
  - [woodlandstewards.osu.edu](http://woodlandstewards.osu.edu)

- **Ohio State University Extension, Warren County**
  - 320 East Silver St.
  - Lebanon, OH 45036
  - Phone: (513) 695-1311
  - Fax: (513) 695-1111
  - Web: [warren.osu.edu](http://warren.osu.edu)

- **Ohio Division of Forestry**
  - 777 Columbus Ave. 5-A
  - Lebanon, OH 45036-1607
  - Phone: (513) 932-6836
  - Fax: (513) 932-6144
  - Web: [www.forestry.ohiodnr.gov/serviceforesters](http://www.forestry.ohiodnr.gov/serviceforesters)

- **Warren County Soil and Water Conservation District**
  - 320 East Silver St., Suite 300
  - Lebanon, OH 45036-1887
  - Phone: (513) 695-1337
  - Fax: (513) 695-2923
  - Web: [www.warrenswcd.com](http://www.warrenswcd.com)

- **Ohio Society of American Foresters Directory**
  - [www.osafdirectory.com](http://www.osafdirectory.com)

- **Ohio Forestry Association**
  - Master Logging Company Program
  - Office: 746 Morrison Rd., Columbus, OH 43230
  - Mail: 1100-H Brandywine Blvd., Zanesville, OH 43701
  - Phone: (614) 497-9580
  - Fax: (614) 497-9581
  - Web: [www.ohioforest.org](http://www.ohioforest.org)

- **Call Before You Cut**
  - Phone: (877) 424-8288
  - Web: [www.callb4ucut.com](http://www.callb4ucut.com)
### Warren County’s Forest Industries

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#### Type SAM Economic Multipliers

| Forestry and Logging | (----) | (----) | (----) | (----) |
| Wood Products Manufacturing | 1.42 | 1.25 | 1.46 | 1.49 |
| Paper Manufacturing | 1.87 | 1.27 | 1.64 | 1.82 |
| Wood Furniture Manufacturing | 1.42 | 1.34 | 1.40 | 1.64 |
| All Forest Industries | 1.83 | 1.28 | 1.63 | 1.81 |

#### Total Impacts of Warren County’s Forest Industries

| Forestry and Logging | (----) | (----) | (----) | (----) |
| Wood Products Manufacturing | 128 | $21,167,000 | $4,845,000 | $7,768,000 |
| Paper Manufacturing | 1,191 | $324,010,000 | $61,825,000 | $87,769,000 |
| Wood Furniture Manufacturing | 140 | $18,100,000 | $5,542,000 | $7,242,000 |
| All Forest Industries | 1,513 | $365,494,000 | $73,368,000 | $104,365,000 |

#### Location Quotients

| Forestry and Logging | (----) | (----) | (----) | (----) |
| Wood Products Manufacturing | 0.39 | 0.42 | 0.37 | 0.46 |
| Paper Manufacturing | 2.80 | 2.27 | 2.37 | 1.68 |
| Wood Furniture Manufacturing | 0.58 | 0.51 | 0.60 | 0.43 |
| All Forest Industries | 1.20 | 1.52 | 1.30 | 1.08 |

(----) is withheld data to prevent potential disclosure of individual company information. Note: total impacts should not be added across industries. This incorrectly estimates the contributions of all forest industries due to any interactions occurring between individual sectors.

### Terminology

**Direct Impacts** - the effects generated by a county’s forest industries to meet the final demand for wood and fiber products.

**Type SAM (Social Accounting Matrix) Economic Multipliers** - figures quantifying the forest industries’ influences on other economic sectors. They are defined by dividing the sum of the direct, indirect, and induced impacts by the direct impact.

**Total Impacts** - the summed effects of the forest industries’ direct, indirect, and induced impacts on the county’s economy.

**Location Quotients (LQs)** - ratios comparing the forest industries’ relative contributions at the county level to their national share of the U.S. economy, which provides measures of specialization. Here, the forest industries’ LQs are defined as ≤ 1.00 - not specialized; 1.01 - 5.00 - specialized; 5.01 - 15.00 - highly specialized; ≥ 15.01 - very highly specialized.

### Sources

United States Census Bureau; U.S. Forest Service Forest Inventory and Analysis; and Input-Output Models of the U.S. and Warren County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.

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