Trumbull County’s Forest Economy

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Trumbull County contains 618 square miles (395,700 acres) of land and is home to 207,400 citizens[1]. There are 234 industries in the county[2], with the median household earning an income of $42,400[1]. Major employers include businesses in the sectors of food services, state and local governments, health care, automobile manufacturing, and real estate[2].

The land resources of Trumbull County provide many economic benefits. The county’s 960 agricultural farms produce agronomic and horticultural crops, dairy products, and cattle and calves, among others[3]. An abundance of wooded acres are also present, providing community support to the county’s forest industries.

These businesses generate $55.0 million in industrial output and $3.75 million in taxes[2].

Some of the many contributions Trumbull County’s forests and forest industries provide to the local economy are illustrated in this fact sheet using key figures and statistics. Figures 2–4, describing Trumbull County’s forest resources, were constructed using data from the 2011 forest survey database provided by the United States Forest Service’s Forest Inventory and Analysis. Figures 5–8 explain the county’s forest industries and were developed from data analyzed using IMPLAN®. Table 1 summarizes the IMPLAN® model for Trumbull County’s economy.

Benefits of Woodland Management

- Properly managing your woodland improves forest health, aesthetics, and wildlife habitat. It also provides soil stabilization, clean water, self-satisfaction, and a potential source of income.
- Managing timber requires less long-term inputs compared to many other land uses.
- You are often able to obtain cost share funds to establish your woodland, property tax credits while managing your forest property, and preferable tax treatment at harvest.
- Standing timber is a stable form of wealth, often comparable in performance to mutual fund investments.

Figure 1. Forest industries contribute 0.35% to Trumbull County’s economy[2,3].

For more information regarding IMPLAN® and the economic impact analyses for Trumbull County, please contact the first author in the School of Environment and Natural Resources.
How Can I Learn to Better Manage My Woodland?

- Become actively involved in the stewardship of your property.
- Join your local forestry association.
- Search Ohio State University Extension’s website Ohioline (http://ohioline.osu.edu/for-fact/index.html) for further study of forestry related topics.
- Contact your local service forester at the Ohio Division of Forestry to help you develop a management plan for your property.
- Obtain soils information for trees suited to your soil types at your local Soil and Water Conservation District.
- Enlist the assistance of a professional forester when planning a timber sale.
- Consider hiring an Ohio Master Logging Company to conduct your harvesting operation.

For More Information, Please Consult the Following Sources

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

Ohio State University Extension, Trumbull County
520 West Main St., Suite 1
Cortland, OH 44410
Phone: (330) 638-6783
Fax: (330) 637-2172
Web: http://trumbull.osu.edu/

Ohio Division of Forestry
15444 West High St.
Middlefield, OH
Phone: (440) 632-5299
Fax: (440) 632-1410

Trumbull County Soil and Water Conservation District
520 West Main St., Suite 3
Cortland, OH 44410
Phone: (330) 637-2056
Fax: (330) 637-2809
Web: http://www.swcd.co.trumbull.oh.us/

Ohio Society of American Foresters
www.osafdirectory.com
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Terminology[5,6]

**Acre**: A unit of land measure equal to 43,560 square feet (208.7 feet × 208.7 feet). One square mile equals 640 acres.

**Direct Economic Impact**: The effect generated by the industry of interest in an economic impact analysis. This is measured through employment, value-added, and industrial output produced to meet demand for the manufactured product(s).

**Direct Federal Tax Impact**: Taxes collected by the United States government. These taxes are generated from labor income, indirect business taxes, households, and corporations associated with the industry of interest.

**Direct State and Local Tax Impact**: Taxes paid to state, county, and municipal governments. These taxes are generated from labor income, indirect business taxes, households, and corporations associated with the industry of interest.

**Employment**: The total wage and salary and self-employed jobs in a geographical area.

**Indirect Business Taxes**: Sales and excise taxes paid by individuals to businesses through normal operations. They do not include taxes on corporate profits and dividends.

**Industrial Output**: The total value of production measured as the sum of value-added plus the cost of buying goods and services to produce the product(s).

**Labor Income**: Wages and benefits paid to employees plus proprietary income for self-employed work.

**Sawtimber Volume**: Net volume in board feet by the International 1/4-inch rule of sawlogs in sawtimber trees on timberland. Gross volume minus the deductions that affect use for lumber equals net volume.

**Value-Added**: The sum of labor income, interest, profits, and indirect business taxes.
Table 1. Direct industrial contributions within Trumbull County’s economy, 2010\textsuperscript{31}. The IMPLAN\textsuperscript{®} model’s 440 sectors were aggregated into 12 industries by each sector’s 2-digit North American Industry Classification System (NAICS) code number.

<table>
<thead>
<tr>
<th>Industry NAICS Description</th>
<th>Employment</th>
<th>Labor Income</th>
<th>Value Added</th>
<th>Industrial Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 Agriculture, Forestry, Fishing, and Hunting</td>
<td>1,196</td>
<td>$19,803,638</td>
<td>$27,520,773</td>
<td>$80,610,814</td>
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<tr>
<td>113 Forestry and Logging</td>
<td>92</td>
<td>$4,074,483</td>
<td>$4,007,564</td>
<td>$9,034,294</td>
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<tr>
<td>21 Mining</td>
<td>676</td>
<td>$17,244,103</td>
<td>$42,371,548</td>
<td>$67,864,625</td>
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<tr>
<td>22 Utilities</td>
<td>171</td>
<td>$15,976,895</td>
<td>$67,394,596</td>
<td>$89,289,027</td>
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<tr>
<td>23 Construction</td>
<td>4,264</td>
<td>$135,628,800</td>
<td>$176,015,157</td>
<td>$467,160,879</td>
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<tr>
<td>31–33 Manufacturing</td>
<td>12,961</td>
<td>$1,074,877,041</td>
<td>$1,839,876,092</td>
<td>$8,885,648,229</td>
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<tr>
<td>321 Wood Products Manufacturing</td>
<td>116</td>
<td>$5,738,753</td>
<td>$6,540,692</td>
<td>$19,851,212</td>
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<tr>
<td>322 Paper Manufacturing</td>
<td>57</td>
<td>$2,346,652</td>
<td>$3,396,945</td>
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<td>337 Wood Furniture Manufacturing</td>
<td>39</td>
<td>$1,831,718</td>
<td>$2,707,673</td>
<td>$6,738,690</td>
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<td>42 Wholesale Trade</td>
<td>2,225</td>
<td>$125,636,426</td>
<td>$244,187,551</td>
<td>$321,342,743</td>
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<td>44–45 Retail Trade</td>
<td>11,955</td>
<td>$292,567,418</td>
<td>$433,101,698</td>
<td>$671,804,453</td>
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<tr>
<td>48–49 Transportation and Warehousing</td>
<td>2,888</td>
<td>$144,472,316</td>
<td>$190,628,960</td>
<td>$329,059,501</td>
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<td>51–56 Professional Services</td>
<td>16,872</td>
<td>$507,206,835</td>
<td>$802,468,310</td>
<td>$1,469,835,770</td>
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<tr>
<td>61–72 Educational, Health, and Recreational Services</td>
<td>21,500</td>
<td>$682,949,835</td>
<td>$802,468,310</td>
<td>$1,469,835,770</td>
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<td>81 Other Services</td>
<td>4,842</td>
<td>$138,693,756</td>
<td>$147,769,433</td>
<td>$331,899,361</td>
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<td>92 Government and non-NAICS Industries</td>
<td>10,953</td>
<td>$568,145,871</td>
<td>$640,767,663</td>
<td>$790,989,878</td>
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<td>Forest Industries</td>
<td>304</td>
<td>$13,991,606</td>
<td>$16,652,874</td>
<td>$55,009,648</td>
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<td>Total</td>
<td>90,501</td>
<td>$3,723,202,718</td>
<td>$6,071,399,368</td>
<td>$15,816,849,979</td>
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</table>

References


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Visit Ohio State University Extension’s web site “Ohioline” at: http://ohioline.osu.edu