Forestry Impacts Franklin County's Economy

Eric McConnell, Ph.D., Assistant Professor and Forest Operations and Products Extension Specialist, School of Environment and Natural Resources, The Ohio State University.

Franklin County’s Forests

**Franklin County’s land base.**

- Forest Land: 11%
- Nonforest Land: 89%

**Franklin County’s forest land ownership.**

- Privately Owned: 51%
- Publicly Owned: 49%

**Franklin County’s timberland growing stock distribution.**

- Red Oaks: 22%
- Hard Maple: 16%
- Cottonwood and Aspen: 18%
- Black Walnut: 12%
- Ash: 9%
- All Other Species: 23%

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, Franklin County**
2105 South Hamilton Rd., Suite 100
Columbus, OH 43232-4145
Phone: (614) 866-6900
Fax: (614) 868-8280
Web: [franklin.osu.edu](http://franklin.osu.edu)

**Ohio Division of Forestry**
8995 East Main St.
Reynoldsburg, OH 43068
Phone: (614) 425-7767
Fax: (614) 466-9754
Web: [www.forestry.ohiodnr.gov/serviceforesters](http://www.forestry.ohiodnr.gov/serviceforesters)

**Franklin County Soil and Water Conservation District**
1328 Dublin Rd., Suite 101
Columbus, OH 43215
Phone: (614) 486-9613
Fax: (614) 486-9614
Web: [www.franklinswcd.org](http://www.franklinswcd.org)

**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)
Franklin County’s Forest Industries

<table>
<thead>
<tr>
<th></th>
<th>Jobs</th>
<th>Output</th>
<th>Labor Income</th>
<th>Value Added</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direct Impacts of Franklin County’s Forest Industries</strong></td>
<td></td>
<td></td>
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<tr>
<td>Forestry and Logging</td>
<td>(---)</td>
<td>(---)</td>
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</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>288</td>
<td>$39,610,000</td>
<td>$10,147,000</td>
<td>$12,869,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>632</td>
<td>$244,853,000</td>
<td>$38,949,000</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>716</td>
<td>$163,407,000</td>
<td>$46,651,000</td>
<td>$66,380,000</td>
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<tr>
<td>All Forest Industries</td>
<td>1,638</td>
<td>$448,315,000</td>
<td>$95,884,000</td>
<td>$130,335,000</td>
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</tbody>
</table>

Type SAM Economic Multipliers

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<td>(---)</td>
<td>(---)</td>
<td>(---)</td>
<td>(---)</td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>1.50</td>
<td>1.52</td>
<td>1.78</td>
<td>2.01</td>
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<tr>
<td>Paper Manufacturing</td>
<td>2.29</td>
<td>1.52</td>
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<tr>
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<td>1.59</td>
<td>1.80</td>
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<tr>
<td>All Forest Industries</td>
<td>1.98</td>
<td>1.53</td>
<td>1.93</td>
<td>2.12</td>
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</table>

Total Impacts of Franklin County’s Forest Industries

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<td>(---)</td>
<td>$693,000</td>
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<td>Wood Products Manufacturing</td>
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<td>$18,084,000</td>
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<td>Paper Manufacturing</td>
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<td>$372,947,000</td>
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<td>Wood Furniture Manufacturing</td>
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<tr>
<td>All Forest Industries</td>
<td>3,235</td>
<td>$683,747,000</td>
<td>$185,383,000</td>
<td>$276,921,000</td>
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Location Quotients

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<td>(---)</td>
<td>(---)</td>
<td>(---)</td>
<td>(---)</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>0.15</td>
<td>0.12</td>
<td>0.11</td>
<td>0.12</td>
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<tr>
<td>Paper Manufacturing</td>
<td>0.34</td>
<td>0.27</td>
<td>0.24</td>
<td>0.19</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>0.53</td>
<td>0.77</td>
<td>0.69</td>
<td>0.69</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>0.29</td>
<td>0.30</td>
<td>0.27</td>
<td>0.26</td>
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</tbody>
</table>

(---) 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

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

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Bruce McPherson, Ph.D., Vice President for Agricultural Administration & Dean

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