Forestry Impacts Washington 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.

Washington County’s Forests

- **Forest Land**: 55%
- **Nonforest Land**: 45%

Washington County’s forest land ownership.

- **Publicly Owned**: 8%
- **Privately Owned**: 92%

Washington County’s timber land growing stock distribution.

- **All Other Species**: 33%
- **Yellow-poplar**: 17%
- **Soft Maple**: 8%
- **Red Oaks**: 13%
- **Hard Maple**: 12%
- **White Oaks**: 17%

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, Washington County**
202 Davis Ave.
Marietta, OH 45750-7431
Phone: (740) 376-7431
Fax: (740) 376-7084
Web: [washington.osu.edu](http://washington.osu.edu)

**Ohio Division of Forestry**
Physical: SR 278, Mail: PO Box 330
Zaleski, OH 45698-0330
Phone: (740) 596-1102
Fax: (740) 596-4642
Web: [www.forestry.ohiodnr.gov/serviceforesters](http://www.forestry.ohiodnr.gov/serviceforesters)

**Washington County Soil and Water Conservation District**
21330 SR 676, Suite E
Marietta, OH 45650-6799
Phone: (740) 373-4857
Fax: (740) 373-3722
Web: [www.washingtongov.org](http://www.washingtongov.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)
Washington County’s Forest Industries

<table>
<thead>
<tr>
<th></th>
<th>Jobs</th>
<th>Output</th>
<th>Labor Income</th>
<th>Value Added</th>
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<tbody>
<tr>
<td>Direct Impacts of County’s Forest Industries</td>
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<tr>
<td>Forestry and Logging</td>
<td>39</td>
<td>$2,797,000</td>
<td>$1,412,000</td>
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<td>$27,100,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>29</td>
<td>$3,758,000</td>
<td>$970,000</td>
<td>$1,093,000</td>
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<td>All Forest Industries</td>
<td>200</td>
<td>$33,655,000</td>
<td>$8,048,000</td>
<td>$8,877,000</td>
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<td>Type SAM Economic Multipliers</td>
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<tr>
<td>Forestry and Logging</td>
<td>1.80</td>
<td>1.78</td>
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<td>Wood Products Manufacturing</td>
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<td>1.60</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
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<td>Total Impacts of County’s Forest Industries</td>
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<td>Paper Manufacturing</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>43</td>
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<td>Location Quotients</td>
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<tr>
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<td>Paper Manufacturing</td>
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<td>(----)</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>0.58</td>
<td>0.34</td>
<td>0.49</td>
<td>0.34</td>
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<tr>
<td>All Forest Industries</td>
<td>0.97</td>
<td>0.44</td>
<td>0.78</td>
<td>0.53</td>
</tr>
</tbody>
</table>

(----) is withheld data to prevent potential disclosure of individual company information. Note: total impacts should not be added across industries. This overestimates 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 Washington 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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