Forestry Impacts Fayette 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.

Fayette County’s Forests

**Fayette County’s land base.**

- Forest Land 7%
- Nonforest Land 93%

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

- Privately Owned 23%
- Publicly Owned 77%

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

- White Oaks 20%
- Black Walnut 9%
- Cottonwood and Aspen 47%
- All Other Species 24%

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, Fayette County
1415 US Rt. 22 SW, Suite 100
Washington Court House, OH 43160-9557
Phone: (740) 335-1150
Fax: (740) 335-2757
Web: [fayette.osu.edu](http://fayette.osu.edu)

Ohio Division of Forestry
345 Allen Ave.
Chillicothe, OH 45601
Phone: (740) 774-1596 x102
Fax: (740) 773-0273
Web: [www.forestry.ohiodnr.gov/serviceforesters](http://www.forestry.ohiodnr.gov/serviceforesters)

Fayette County Soil and Water Conservation District
1415 US 22 SW
Washington Court House, OH 43160-8654
Phone: (740) 636-0279
Fax: (740) 335-6201
Web: [www.fayette-swcd.org](http://www.fayette-swcd.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)
Fayette County’s Forest Industries

<table>
<thead>
<tr>
<th>Jobs</th>
<th>Output</th>
<th>Labor Income</th>
<th>Value Added</th>
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</thead>
<tbody>
<tr>
<td>Direct Impacts of Fayette County’s Forest Industries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forestry and Logging</td>
<td>(----)</td>
<td>$501,000</td>
<td>(----)</td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>181</td>
<td>$34,460,000</td>
<td>$9,721,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>109</td>
<td>$46,064,000</td>
<td>$9,969,000</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
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<tr>
<td>All Forest Industries</td>
<td>292</td>
<td>$81,024,000</td>
<td>$19,860,000</td>
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<td>Type SAM Economic Multipliers</td>
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<tr>
<td>Forestry and Logging</td>
<td>(----)</td>
<td>1.29</td>
<td>(----)</td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>1.48</td>
<td>1.28</td>
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<tr>
<td>Paper Manufacturing</td>
<td>1.90</td>
<td>1.24</td>
<td>1.34</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>1.65</td>
<td>1.25</td>
<td>1.31</td>
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<tr>
<td>Total Impacts of Fayette County’s Forest Industries</td>
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<tr>
<td>Forestry and Logging</td>
<td>(----)</td>
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<td>(----)</td>
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<td>Wood Products Manufacturing</td>
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<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
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<tr>
<td>All Forest Industries</td>
<td>482</td>
<td>$101,555,000</td>
<td>$26,061,000</td>
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<td>Location Quotients</td>
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<td>Forestry and Logging</td>
<td>(----)</td>
<td>0.46</td>
<td>(----)</td>
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<tr>
<td>Wood Products Manufacturing</td>
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<td>Paper Manufacturing</td>
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<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
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<tr>
<td>All Forest Industries</td>
<td>2.77</td>
<td>3.04</td>
<td>4.75</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 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 Fayette 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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