Forestry Impacts Scioto 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.

Scioto County’s Forests

- **Forest Land**: 74%
- **Nonforest Land**: 26%

Scioto County’s land base.

- **Publicly Owned**: 27%
- **Privately Owned**: 73%

Scioto County’s forest land ownership.

- **White Oaks**: 36%
- **Red Oaks**: 15%
- **Yellow-poplar**: 15%
- **Hickory**: 11%
- **Soft Maple**: 9%
- **All Other Species**: 14%

Scioto County’s timberland growing stock distribution.

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, Scioto County**
  602 Seventh St., Court House Room 7
  Portsmouth, OH 45662-3948
  Phone: (740) 354-7879
  Fax: (740) 355-8338
  Web: [scioto.osu.edu](http://scioto.osu.edu)

- **Ohio Division of Forestry**
  704 South Main St.
  Georgetown, OH 45121-9701
  Phone: (937) 378-4920
  Fax: (937) 378-2568
  Web: [www.forestry.ohiodnr.gov/offices](http://www.forestry.ohiodnr.gov/offices)

- **Scioto County Soil and Water Conservation District**
  12167A State Route 104
  Lucasville, OH 45648
  Phone: (740) 259-9231
  Fax: (740) 259-9168
  Web: [www.sciotoswcd.org](http://www.sciotoswcd.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)
Scioto County’s Forest Industries

<table>
<thead>
<tr>
<th>Jobs</th>
<th>Output</th>
<th>Labor Income</th>
<th>Value Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry and Logging</td>
<td>110</td>
<td>$7,619,000</td>
<td>$3,741,000</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>171</td>
<td>$40,405,000</td>
<td>$7,530,000</td>
</tr>
<tr>
<td>Paper Manufacturing</td>
<td>(----)</td>
<td>543,000</td>
<td>(----)</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>285</td>
<td>$48,924,000</td>
<td>$11,481,000</td>
</tr>
</tbody>
</table>

**Type SAM Economic Multipliers**

<table>
<thead>
<tr>
<th></th>
<th>Jobs</th>
<th>Labor Income</th>
<th>Value Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry and Logging</td>
<td>1.58</td>
<td>1.37</td>
<td>1.26</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>1.51</td>
<td>1.25</td>
<td>1.41</td>
</tr>
<tr>
<td>Paper Manufacturing</td>
<td>(----)</td>
<td>1.26</td>
<td>(----)</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>1.44</td>
<td>1.29</td>
<td>1.36</td>
</tr>
</tbody>
</table>

**Total Impacts of Scioto 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>Forestry and Logging</td>
<td>173</td>
<td>$10,428,000</td>
<td>$4,719,000</td>
<td>$3,850,000</td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>259</td>
<td>$50,438,000</td>
<td>$10,639,000</td>
<td>$14,444,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>(----)</td>
<td>$699,000</td>
<td>(----)</td>
<td></td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
<td></td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>410</td>
<td>$62,936,000</td>
<td>$15,653,000</td>
<td>$19,143,000</td>
</tr>
</tbody>
</table>

**Location Quotients**

<table>
<thead>
<tr>
<th></th>
<th>Jobs</th>
<th>Labor Income</th>
<th>Value Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry and Logging</td>
<td>5.77</td>
<td>3.74</td>
<td>4.59</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>2.48</td>
<td>3.69</td>
<td>3.27</td>
</tr>
<tr>
<td>Paper Manufacturing</td>
<td>(----)</td>
<td>0.02</td>
<td>(----)</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>(----)</td>
<td>(----)</td>
<td>(----)</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>1.38</td>
<td>0.97</td>
<td>1.28</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 Scioto County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.