Forestry Impacts Montgomery County’s Economy

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Montgomery County’s Forests

Forest Land 13%

Nonforest Land 87%

Publicly Owned 20%

Privately Owned 80%

Red Oaks 28%

Beech 13%

Hard Maple 12%

Basswood 12%

Yellow-poplar 9%

All Other Species 26%

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
woodlandstewards.osu.edu

Ohio State University Extension, Montgomery County
1001 South Main St.
Dayton, OH 45409-2799
Phone: (937) 224-9654
Fax: (937) 224-5110
Web: montgomery.osu.edu

Ohio Division of Forestry
777 Columbus Ave. 5-A
Lebanon, OH 45036-1607
Phone: (513) 932-6836
Fax: (513) 932-6144
Web: www.forestry.ohiodnr.gov/serviceforesters

Montgomery County Soil and Water Conservation District
10025 Amity Rd.
Brookville, OH 45309-9399
Phone: (937) 854-7645
Fax: (937) 837-2241
Web: www.montgomeryswcd.org

Ohio Society of American Foresters Directory
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

Call Before You Cut
Phone: (877) 424-8288
Web: www.callb4ucut.com

Montgomery County’s land base.

Montgomery County’s forest land ownership.

Montgomery County’s timberland growing stock distribution.
Montgomery County’s Forest Industries

<table>
<thead>
<tr>
<th>Direct Impacts of Montgomery County’s Forest Industries</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>----</td>
<td>201</td>
<td>$36,039,000</td>
<td>$10,415,000</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>624</td>
<td>$281,912,000</td>
<td>54,148,000</td>
<td>$68,120,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>54</td>
<td>$6,902,000</td>
<td>$1,907,000</td>
<td>$2,248,000</td>
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<tr>
<td>All Forest Industries</td>
<td>880</td>
<td>$325,008,000</td>
<td>$66,508,000</td>
<td>$82,635,000</td>
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</tbody>
</table>

Type SAM (Social Accounting Matrix) Economic Multipliers

<table>
<thead>
<tr>
<th>Source</th>
<th>Wood Products Manufacturing</th>
<th>Paper Manufacturing</th>
<th>Wood Furniture Manufacturing</th>
<th>All Forest Industries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry and Logging</td>
<td>1.68</td>
<td>2.51</td>
<td>1.58</td>
<td>2.33</td>
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<tr>
<td>Paper Manufacturing</td>
<td>1.48</td>
<td>1.46</td>
<td>1.56</td>
<td>1.47</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Forest Industries</td>
<td></td>
<td></td>
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</tbody>
</table>

Total Impacts of Montgomery County’s Forest Industries

<table>
<thead>
<tr>
<th>Source</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>----</td>
<td>338</td>
<td>$53,207,000</td>
<td>$16,834,000</td>
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<tr>
<td>Wood Products Manufacturing</td>
<td>1,568</td>
<td>$410,741,000</td>
<td>$101,880,000</td>
<td>$146,691,000</td>
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<tr>
<td>Paper Manufacturing</td>
<td>86</td>
<td>$10,796,000</td>
<td>$3,327,000</td>
<td>$4,605,000</td>
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<tr>
<td>All Forest Industries</td>
<td>2,046</td>
<td>$476,951,000</td>
<td>$122,967,000</td>
<td>$175,284,000</td>
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</tbody>
</table>

Location Quotients

<table>
<thead>
<tr>
<th>Source</th>
<th>Jobs</th>
<th>Wood Products Manufacturing</th>
<th>Paper Manufacturing</th>
<th>Wood Furniture Manufacturing</th>
<th>All Forest Industries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forestry and Logging</td>
<td>----</td>
<td>0.30</td>
<td>0.95</td>
<td>0.11</td>
<td>0.44</td>
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<tr>
<td>Paper Manufacturing</td>
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<td>0.31</td>
<td>0.88</td>
<td>0.09</td>
<td>0.61</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
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<td></td>
<td></td>
<td></td>
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<td>All Forest Industries</td>
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(----) 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 Montgomery County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.