Forestry Impacts Columbiana County’s Economy

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Columbiana County’s Forests

Nonforest Land 58%
Forest Land 42%

Publicly Owned 12%
Privately Owned 88%

All Other Species 41%
Hard Maple 17%
Soft Maple 13%
Yellow-poplar 6%
Hickory 6%
Red 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
woodlandstewards.osu.edu

Ohio State University Extension, Columbiana County
7989 Dickey Dr., Suite 5
Lisbon, OH 44432
Phone: (330) 424-7291
Fax: (330) 424-3965
Web: columbiana.osu.edu

Ohio Division of Forestry
3601 New Garden Rd.
Salem, OH 44460-9571
Phone: (330) 222-1486
Fax: (330) 222-1486
Web: www.forestry.ohiodnr.gov/serviceforesters

Columbiana County Soil and Water Conservation District
1834-B South Lincoln Ave.
Salem, OH 44460
Phone: (330) 332-8732
Fax: (877) 345-1198

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
Columbiana 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 Columbiana County’s Forest Industries</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forestry and Logging</td>
<td>13</td>
<td>$2,419,000</td>
<td>$705,000</td>
<td>$1,152,000</td>
</tr>
<tr>
<td>Wood Products Manufacturing</td>
<td>34</td>
<td>$4,886,000</td>
<td>$627,000</td>
<td>$1,147,000</td>
</tr>
<tr>
<td>Paper Manufacturing</td>
<td>193</td>
<td>$63,575,000</td>
<td>$9,302,000</td>
<td>$11,777,000</td>
</tr>
<tr>
<td>Wood Furniture Manufacturing</td>
<td>66</td>
<td>$8,853,000</td>
<td>$1,867,000</td>
<td>$2,575,000</td>
</tr>
<tr>
<td>All Forest Industries</td>
<td>306</td>
<td>$79,734,000</td>
<td>$12,501,000</td>
<td>$16,651,000</td>
</tr>
</tbody>
</table>

**Type SAM Economic Multipliers**

|                                |      |         |              |             |
| Forestry and Logging           | 1.95 | 1.37    | 1.44         | 1.41        |
| Wood Products Manufacturing    | 1.35 | 1.30    | 1.65         | 1.65        |
| Paper Manufacturing            | 1.73 | 1.31    | 1.53         | 1.82        |
| Wood Furniture Manufacturing   | 1.37 | 1.30    | 1.40         | 1.56        |
| All Forest Industries          | 1.62 | 1.30    | 1.50         | 1.72        |

**Total Impacts of Columbiana County’s Forest Industries**

|                                |      |         |              |             |
| Forestry and Logging           | 25   | $3,295,000 | $1,014,000    | $1,614,000  |
| Wood Products Manufacturing    | 46   | $6,378,000 | $1,038,000    | $1,897,000  |
| Paper Manufacturing            | 333  | $83,291,000 | $14,196,000   | $21,393,000 |
| Wood Furniture Manufacturing   | 90   | $11,514,000 | $2,615,000    | $4,030,000  |
| All Forest Industries          | 497  | $103,939,000 | $18,781,000 | $28,711,000 |

**Location Quotients**

|                                |      |         |              |             |
| Forestry and Logging           | 0.49 | 0.83    | 0.68         | 1.03        |
| Wood Products Manufacturing    | 0.36 | 0.31    | 0.22         | 0.30        |
| Paper Manufacturing            | 2.05 | 1.46    | 1.79         | 1.21        |
| Wood Furniture Manufacturing   | 0.94 | 0.86    | 0.86         | 0.73        |
| All Forest Industries          | 1.07 | 1.10    | 1.10         | 0.91        |

(---) 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 Columbiana County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.

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