

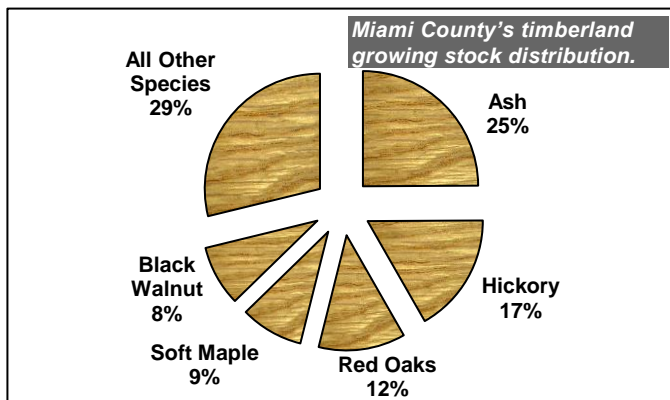
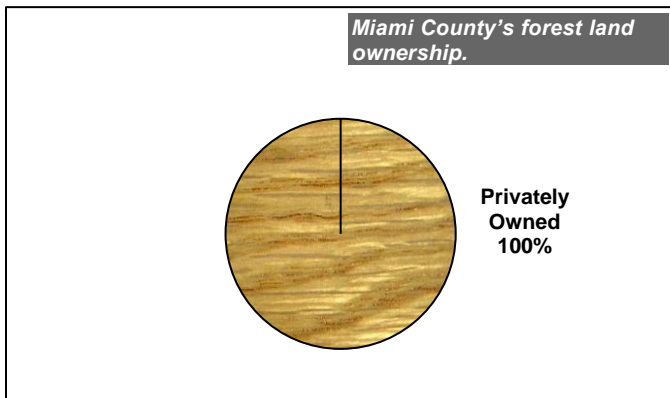
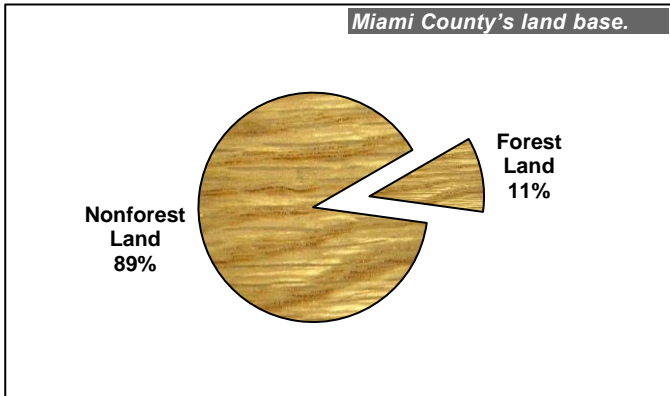
## SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

# Forestry Impacts Miami County's Economy

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## Miami County's Forests



## Informational Resources

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[woodlandstewards.osu.edu](http://woodlandstewards.osu.edu)

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201 West Main St.  
Troy, OH 45373-3263  
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### 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](http://www.forestry.ohiodnr.gov/serviceforesters)

### Miami County Soil and Water Conservation District

1330 North CR 25A  
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Fax: (937) 335-7465  
Web: [www.Miamiswcd.org](http://www.Miamiswcd.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  
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## Miami County's Forest Industries

|   | Jobs  | Output        | Labor Income | Value Added  |
|---|-------|---------------|--------------|--------------|
| <b>Direct Impacts of Miami County's Forest Industries</b> |       |               |              |              |
| Forestry and Logging                                      | (---- | (----         | (----        | (----        |
| Wood Products Manufacturing                               | 135   | \$20,416,000  | \$6,461,000  | \$7,692,000  |
| Paper Manufacturing                                       | 486   | \$183,972,000 | \$30,894,000 | \$43,433,000 |
| Wood Furniture Manufacturing                              | 75    | \$11,225,000  | \$4,418,000  | \$4,800,000  |
| All Forest Industries                                     | 696   | \$215,686,000 | \$41,807,000 | \$55,961,000 |
| <b>Type SAM Economic Multipliers</b>                      |       |               |              |              |
| Forestry and Logging                                      | (---- | (----         | (----        | (----        |
| Wood Products Manufacturing                               | 1.35  | 1.26          | 1.28         | 1.41         |
| Paper Manufacturing                                       | 1.68  | 1.22          | 1.44         | 1.54         |
| Wood Furniture Manufacturing                              | 1.41  | 1.30          | 1.26         | 1.43         |
| All Forest Industries                                     | 1.60  | 1.23          | 1.40         | 1.52         |
| <b>Total Impacts of Miami County's Forest Industries</b>  |       |               |              |              |
| Forestry and Logging                                      | (---- | (----         | (----        | (----        |
| Wood Products Manufacturing                               | 181   | \$25,693,000  | \$8,275,000  | \$10,874,000 |
| Paper Manufacturing                                       | 816   | \$225,081,000 | \$44,437,000 | \$66,725,000 |
| Wood Furniture Manufacturing                              | 106   | \$14,574,000  | \$5,563,000  | \$6,857,000  |
| All Forest Industries                                     | 1,115 | \$265,715,000 | \$58,508,000 | \$84,812,000 |
| <b>Location Quotients</b>                                 |       |               |              |              |
| Forestry and Logging                                      | (---- | (----         | (----        | (----        |
| Wood Products Manufacturing                               | 1.31  | 1.05          | 1.58         | 1.61         |
| Paper Manufacturing                                       | 4.78  | 3.43          | 4.24         | 3.56         |
| Wood Furniture Manufacturing                              | 1.00  | 0.88          | 1.45         | 1.09         |
| All Forest Industries                                     | 2.26  | 2.41          | 2.64         | 2.46         |

(----) 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  $\leq 1.00$ - not specialized; 1.01 - 5.00- specialized; 5.01 - 15.00- highly specialized;  $\geq 15.01$ - 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 Miami County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.

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