

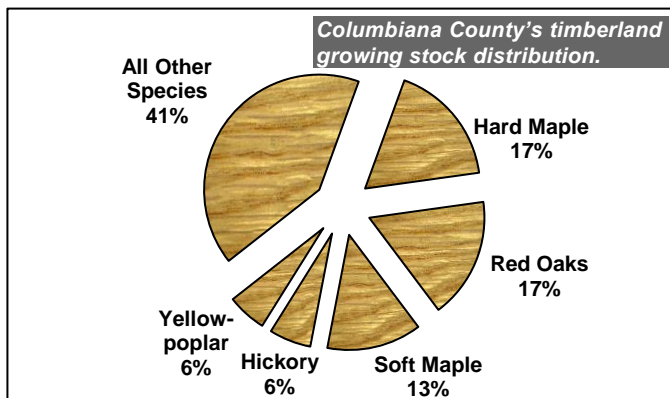
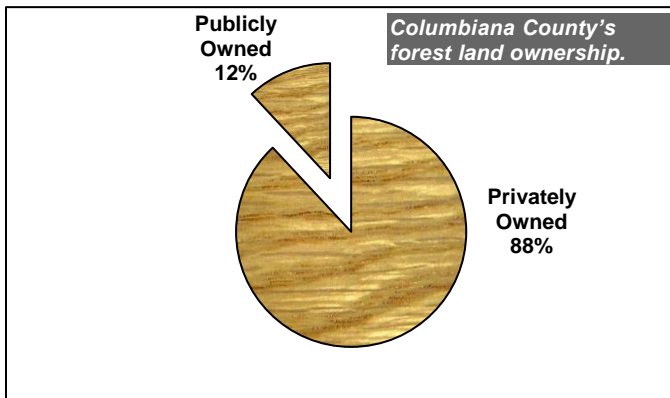
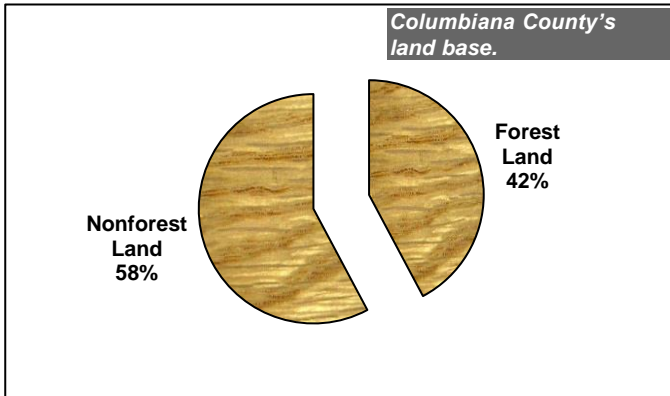
## SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

# Forestry Impacts Columbiana County's Economy

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## Columbiana County's Forests



## Informational Resources

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

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Phone: (877) 424-8288  
Web: [www.callb4ucut.com](http://www.callb4ucut.com)

## Columbiana County's Forest Industries

	Jobs	Output	Labor Income	Value Added
<b>Direct Impacts of Columbiana County's Forest Industries</b>				
Forestry and Logging	13	\$2,419,000	\$705,000	\$1,152,000
Wood Products Manufacturing	34	\$4,886,000	\$627,000	\$1,147,000
Paper Manufacturing	193	\$63,575,000	\$9,302,000	\$11,777,000
Wood Furniture Manufacturing	66	\$8,853,000	\$1,867,000	\$2,575,000
All Forest Industries	306	\$79,734,000	\$12,501,000	\$16,651,000
<b>Type SAM Economic Multipliers</b>				
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
<b>Total Impacts of Columbiana County's Forest Industries</b>				
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
<b>Location Quotients</b>				
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  $\leq 1.00$ - 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 Columbiana County, Ohio, IMPLAN LLC. All data are for the year 2012 and are reported in 2012 dollars.

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