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Fairfield County's Forest Economy

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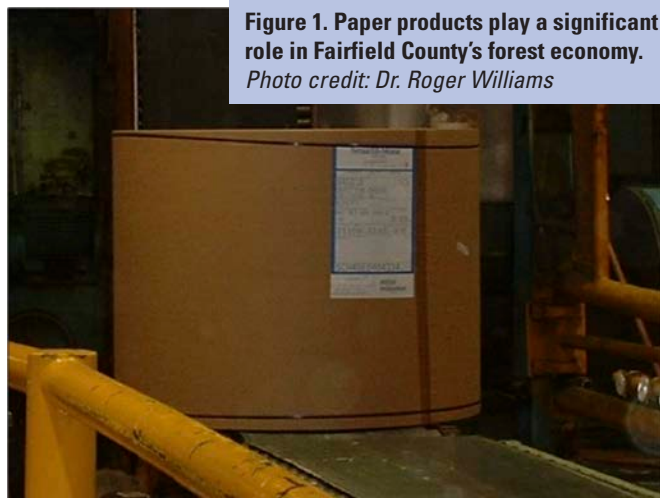


Figure 1. Paper products play a significant role in Fairfield County's forest economy.
Photo credit: Dr. Roger Williams

provides community support by producing economic activity in eight forest industrial sectors. These businesses directly generate \$200 million in industrial output and \$9.49 million in taxes^[2]. This fact sheet presents some key terms and figures for describing the many contributions Fairfield County's forests and forest industries provide to the local economy.

Forest Resource Terminology^[4]

Acre: A unit of land measure equal to 43,560 square feet (208.7 feet × 208.7 feet). One square mile equals 640 acres.

Forest Type Group: A classification of forest land based on the species forming a plurality of live-tree stocking. Forest types sharing closely associated species or site requirements are often combined into major forest type groups.

Growing Stock Volume: Net volume, in cubic feet, of growing-stock trees 5.0 inches in diameter and larger, measured at breast height (4.5 feet). Height is recorded from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem, or to the point where the central stem breaks into limbs. Gross volume minus deductions for cull equals net volume.

Sawtimber Volume: Net volume in board feet, by the International ¼-inch rule, of sawlogs in sawtimber trees. Gross volume minus the deductions for rot, sweep, and other defects that affect use for lumber equals net volume.

Fairfield County contains 504 square miles (322,800 acres) of land and is home to 146,100 citizens^[1]. There are 201 industries in the county^[2], with the median household earning an income of \$56,800^[1]. Major employers include businesses in the sectors of food services, state and local governments, services to buildings and dwellings, and private hospitals^[2].

The land resources of Fairfield County provide many economic benefits. The county's 1,090 agricultural farms produce agronomic crops and livestock, among others^[3]. Overall, 172,000 acres of land are in farms.

An abundance of forested acres are also present in Fairfield County. Responsibly managing these woodlands



Figure 2. Fairfield County is located in Ohio's western timber price reporting region^[3].

Figure 3. Fairfield County contains approximately 56,000 acres of forestland, which is 17.3% of the total land cover^{1(1,5)}.

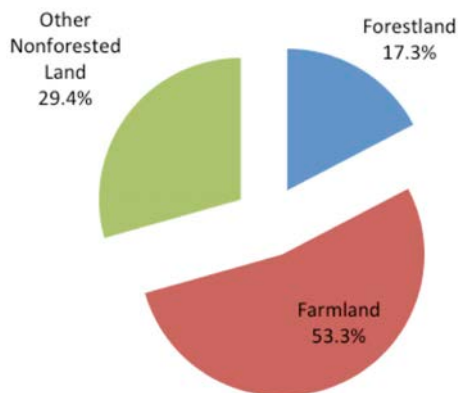


Figure 4. All of Fairfield County's forestland is privately owned^[5].

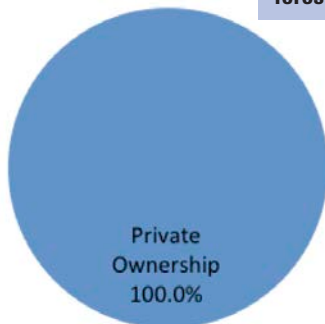
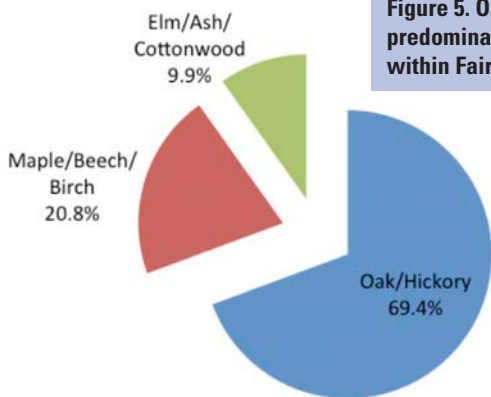


Figure 5. Oak/hickory is the predominant forest type within Fairfield County^[5].



Forest Industry Impact Analysis Terminology^[6]

Direct Economic Impact: The effect generated by the industry of interest in an economic impact analysis. This is measured through employment, value-added, and industrial output produced to meet demand for the manufactured product(s).

Employment: The total wage and salary and self-employed jobs in a geographical area. This number includes both full- and part-time jobs in an industrial sector.

Direct Federal Tax Impact: Taxes collected by the U.S. government. These taxes are generated from labor income, indirect business taxes, households, and corporations associated with the industry of interest.

Direct State and Local Tax Impact: Taxes paid to state, county, and municipal governments. These taxes are generated from labor income, indirect business taxes, households, and corporations associated with the industry of interest.

Indirect Business Taxes: These taxes are primarily sales and excise taxes paid by individuals to businesses through normal operations. They do not include taxes on corporate profits and dividends.

Industrial Output: The total value of production measured as the sum of value-added plus the cost of buying goods and services to produce the product(s).

Labor Income: Wages and benefits paid to employees plus proprietary income for self-employed work.

Value-Added: The sum of labor income, interest, profits, and indirect business taxes.

Why should I manage my woodland?

- Properly managing your woodland improves forest health, aesthetics, and wildlife habitat. It also provides soil stabilization, clean water, self-satisfaction, and a potential source of income.
- Managing timber requires less long-term inputs compared to many other land uses.
- You are able to obtain cost share funds to establish your woodland, tax credits while managing your forest property, and preferable tax treatment at harvest.
- Standing timber is a stable form of wealth, often comparable in performance to mutual fund investments.

How can I learn to better manage my woodland?

- Become actively involved in the stewardship of your property.
- Join your local forestry association.
- Search Ohio State University Extension's website [Ohionline](http://ohioline.osu.edu/for-fact/index.html) for further study of forestry-related topics: <http://ohioline.osu.edu/for-fact/index.html>.
- Contact your local service forester to help you develop a management plan for your property.

- Obtain soils information from your local Soil and Water Conservation District.
- Enlist the assistance of a professional forester when planning a timber sale.
- Consider hiring an Ohio Master Logging Company to conduct your harvesting operation.

For more information, please consult the following sources:

School of Environment and Natural Resources

The Ohio State University
 2021 Coffey Road
 Columbus, OH 43210
 Phone: (614) 688-3421
 Web: <http://www.ohiowood.osu.edu/>
<http://woodlandstewards.osu.edu/>

Ohio State University Extension, Fairfield County

831 College Ave., Suite D
 Lancaster, OH 43130
 Phone: (740) 653-5419
 Fax: (740) 687-7010
 Web: <http://fairfield.osu.edu/>

Ohio Division of Forestry

345 Allen Ave.
 Chillicothe, OH 45601
 Phone: (740) 774-1596
 Fax: (740) 773-0273
 Web: <http://www.ohiodnr.com/Home/landowner/LandownerAssistance/tabid/5279/Default.aspx>

Fairfield County Soil and Water Conservation District

831 College Ave., Suite B
 Lancaster, OH 43130
 Phone: (740) 653-8154; (740) 653-1500
 Fax: (740) 653-1135
 Web: <http://www.fairfieldswcd.org/>

Ohio Society of American Foresters

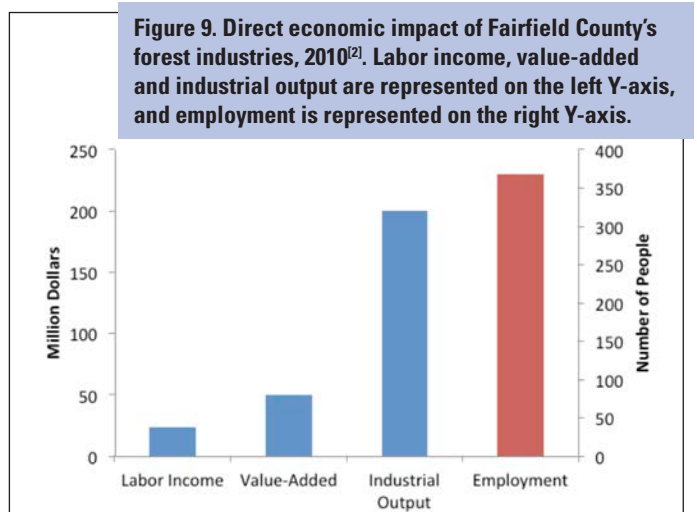
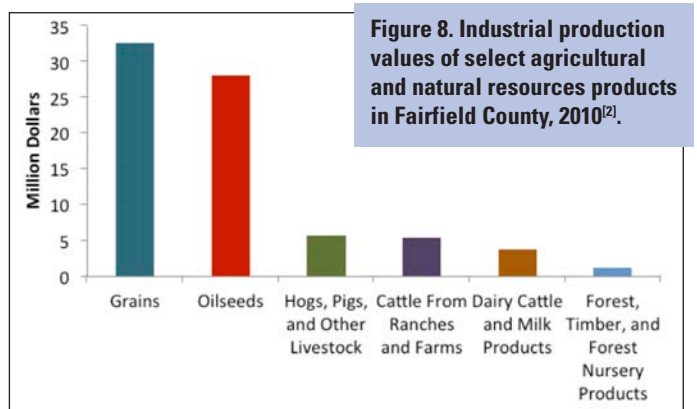
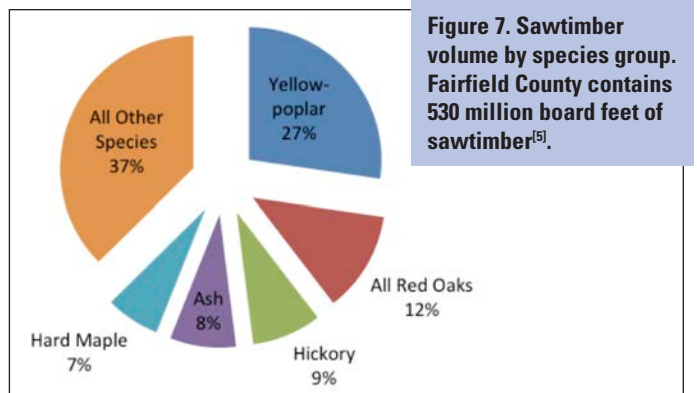
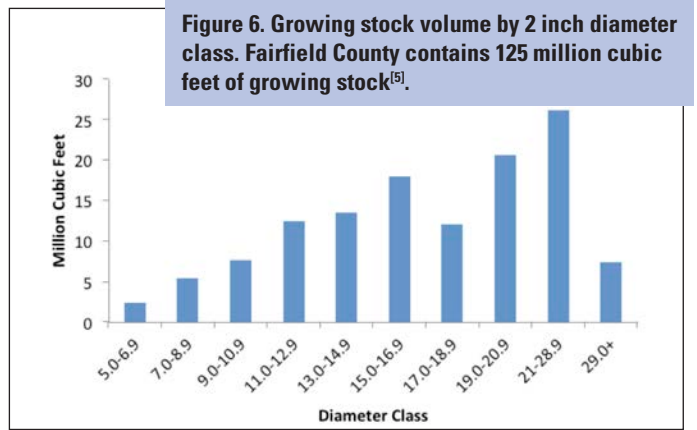
Web: www.osafdirectory.com

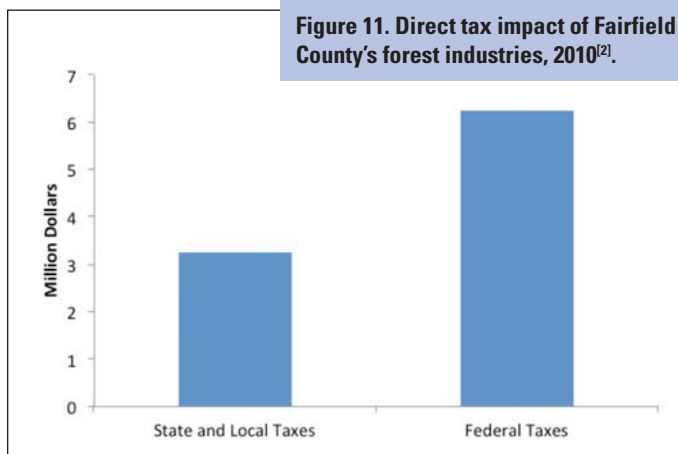
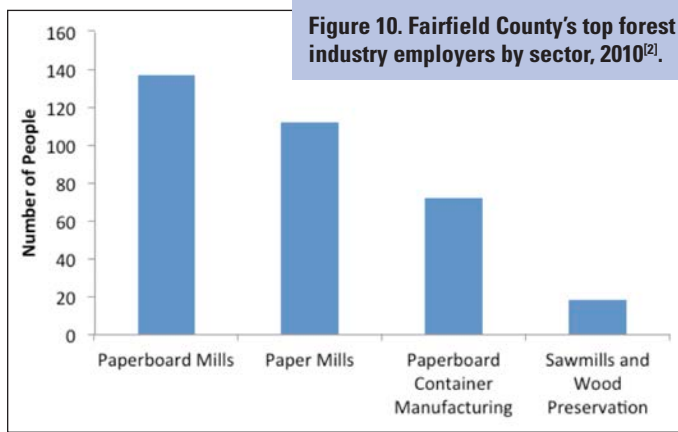
**Ohio Forestry Association
 Master Logging Company Program**

Office: 746 Morrison Road, Columbus, OH 43230
 Mail: 1100-H Brandywine Boulevard, Zanesville, OH 43701
 Phone: (614) 497-9580
 Fax: (614) 497-9581
 Web: <http://www.ohioforest.org/>

Call Before You Cut

Phone: (877) 424-8288
 Web: <http://www.callb4ucut.com/>





References

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- [4] United States Forest Service Forest Inventory and Analysis. 2012. Northeast Forest Inventory and Analysis Methodology: Common definitions used by FIA. http://www.fs.fed.us/ne/fia/methodology/def_ah.htm.
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- [6] Minnesota IMPLAN Group. 2004. IMPLAN Professional®: Users Guide, Analysis Guide, Data Guide. 3rd edition. MIG, Inc.

Acknowledgment

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¹This figure does not include wooded acres in local and state parks, wildlife areas, and nature preserves.

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