

Forest Products Industries' Economic Contributions: Ohio - 2017

Ohio has 8 million acres of forest land that cover 31 percent of its land base, and most of this forest land can produce commercial timber. The majority, 85 percent, is privately owned; about 11 percent is managed by state and local government, and 4 percent by the federal government. Ohio ranks 9th in forest land acres among the 20 Northeast and Midwestern area states. These forests support a vibrant forest products industry.

Key Findings – Forest Products Industries:

- Provided almost 54,445 direct jobs and supported a total of almost 124,692 jobs in 2017.
- Provided more direct labor income and output than commercial fishing, hunting, and trapping, mining and oil and gas production, and agricultural production industries (plant crop and animal farming).
- Accounted for 7 percent of Ohio's direct manufacturing jobs, and 8 percent of non-food manufacturing jobs.
- Combined, Ohio, Indiana, Pennsylvania, and West Virginia employed over 183,188 workers and had \$54 billion in direct output.

Economic Contributions:

Direct Contributions by Industry Group, 2017 (in number of jobs, and thousands of dollars)

Industry Group	Employment	Labor Income	Value-added	Output
Forestry* **	596	\$31,638	\$31,389	\$37,948
Logging*	3,069	\$361,555	\$417,276	\$484,704
Primary solid wood products	3,178	\$175,499	\$196,317	\$987,376
Secondary solid wood products	12,516	\$706,681	\$776,757	\$2,379,878
Wood furniture	14,904	\$867,817	\$968,291	\$2,436,627
Pulp, paper, and paperboard mills	2,211	\$221,564	\$389,328	\$1,717,609
Secondary paperboard and other paper products	17,971	\$1,325,435	\$1,870,107	\$8,067,397
Total	54,445	\$3,690,189	\$4,649,464	\$16,111,539

Total Contributions by Industry Group, 2017 (in number of jobs, and thousands of dollars)

Industry Group	Employment	Labor Income	Value-added	Output
Forestry* **	559	\$33,684	\$39,720	\$55,180
Logging*	3,343	\$276,477	\$361,495	\$486,962
Primary solid wood products	7,643	\$461,772	\$659,494	\$1,610,748
Secondary solid wood products	25,872	\$1,442,016	\$1,978,765	\$4,507,672
Wood furniture	28,165	\$1,556,612	\$2,122,363	\$4,522,088
Pulp, paper, and paperboard mills	9,633	\$663,747	\$1,116,602	\$2,913,528
Secondary paperboard and other paper products	49,477	\$3,081,722	\$4,790,870	\$13,269,635
Total	124,692	\$7,516,031	\$11,069,310	\$27,365,814

*Forestry and Logging are reported in this table; but most of their contributions are as indirect inputs or intermediate inputs that are used in the production in the other five industry groups – part of their jobs is included in the estimates for the other groups.

**In this summary, the forestry group includes maple syrup production.



Top Forest Products Industry Sectors in Ohio:

Top 5 Industry Sectors by Direct Jobs

Industry Sector	Employment
Paperboard container manufacturing	10,031
Wood kitchen cabinet and countertop manufacturing	4,868
Paper bag and coated and treated paper manufacturing	4,683
Non-upholstered wood household furniture manufacturing	4,613
Wood container and pallet manufacturing	4,606

Top 5 Industry Sectors by Value Added (Thousands)

Industry Sector	Value Added
Paperboard container manufacturing	\$933,225
Paper bag and coated and treated paper manufacturing	\$610,877
Commercial logging	\$417,276
Wood kitchen cabinet and countertop manufacturing	\$293,852
Non-upholstered wood household furniture manufacturing	\$270,802

Comparison with Neighboring States:

Forest Products Industries Direct Employment in Ohio, Indiana, Pennsylvania, and West Virginia, 2017

Industry	Ohio	Indiana	Pennsylvania	West Virginia
Forestry*	596	356	1,865	701
Logging	3,069	1,422	4,740	1,919
Primary solid wood products	3,178	3,485	6,812	2,836
Secondary solid wood products	12,516	12,572	18,638	2,613
Wood furniture	14,904	22,062	13,720	1,527
Pulp, paper, and paperboard mills	2,211	1,202	3,186	232
Secondary paperboard and other paper products	17,971	8,995	19,581	281
Sum of Direct Contributions	54,445	50,093	68,541	10,108

*Includes maple syrup production.

Forest Products Industries in Context to other Industries:

Natural Resources and Agricultural Production Industries in Ohio, 2017

Manufacturing Industries	Employment	Labor Income (Thousands)	Value-added (Thousands)	Output (Thousands)
Forest products	54,445	\$3,690,189	\$4,649,464	\$16,111,539
Commercial fishing, hunting, and trapping	849	\$7,254	\$27,631	\$36,859
Mining and oil and gas production	33,723	\$2,062,309	\$9,741,770	\$12,374,399
Agricultural production (plant crop and animal)	99,495	\$1,388,579	\$3,350,614	\$9,748,721

About this Bulletin:

This bulletin summarizes the economic contributions of forest products industry in Ohio in 2017, as part of an analysis of the 20 Northeast and Midwest states plus Nebraska supported by a U.S. Department of Agriculture Forest Service 2017 Landscape Scale Restoration Grant. Several measures of economic contribution are presented below; for more information, see the full report at <http://www.northeasternforests.org>. This analysis used 2017 IMPLAN data for 32 industry sectors summarized in 7 industry groups.

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