

# Forest Products Industries' Economic Contributions: Indiana - 2017

Indiana has 4.9 million acres of forest land that cover 21.6 percent of its land base, and most of this forest land can produce commercial timber. The majority, 84 percent, is privately owned; about 8 percent is managed by state and local government, and 8 percent by the federal government. Indiana ranks 11th 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 50,000 direct jobs and supported a total of almost 94,444 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 9 percent of Indiana direct manufacturing jobs, and 10 percent of nonfood manufacturing jobs.
- In Indiana, Ohio, Michigan, Pennsylvania, and Wisconsin, employed over 281,600 workers and had \$89 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* **	356	\$28,709	\$27,144	\$30,689
Logging*	1,422	\$104,973	\$210,647	\$241,876
Primary solid wood products	3,485	\$178,792	\$204,039	\$997,860
Secondary solid wood products	12,572	\$705,322	\$851,261	\$2,596,710
Wood furniture	22,062	\$1,234,184	\$1,595,826	\$3,984,937
Pulp, paper, and paperboard mills	1,202	\$126,277	\$205,947	\$969,400
Secondary paperboard and other paper products	8,995	\$746,643	\$951,460	\$4,062,026
<b>Total</b>	<b>50,093</b>	<b>\$3,124,900</b>	<b>\$4,046,325</b>	<b>\$12,883,498</b>

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

Industry Group	Employment	Labor Income	Value-added	Output
Forestry* **	459	\$32,814	\$36,557	\$48,777
Logging*	799	\$51,670	\$99,073	\$126,089
Primary solid wood products	6,516	\$353,846	\$524,099	\$1,385,539
Secondary solid wood products	23,096	\$1,249,624	\$1,746,748	\$4,221,926
Wood furniture	39,071	\$2,096,970	\$2,998,828	\$6,584,917
Pulp, paper, and paperboard mills	4,852	\$328,148	\$544,240	\$1,573,646
Secondary paperboard and other paper products	21,651	\$1,409,386	\$2,032,867	\$5,994,610
<b>Total</b>	<b>96,444</b>	<b>\$5,522,457</b>	<b>\$7,982,412</b>	<b>\$19,935,504</b>

\*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 are included in the estimates for the other groups.

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



### Top 5 Industry Sectors by Direct Jobs

Industry Sector	Employment
Wood kitchen cabinet and countertop manufacturing	11,115
Paperboard container manufacturing	5,974
Wood office furniture manufacturing	3,534
Manufactured home (mobile home) manufacturing	2,609
Upholstered household furniture manufacturing	2,496

### Top 5 Industry Sectors by Value Added (Thousands)

Industry Sector	Value Added
Wood kitchen cabinet and countertop manufacturing	\$739,297
Paperboard container manufacturing	\$621,534
Wood office furniture manufacturing	\$333,304
Manufactured home (mobile home) manufacturing	\$246,844
Commercial logging	\$210,647

## Comparison with Neighboring States:

### Forest Products Industries Direct Employment in Indiana, Michigan, Ohio, Pennsylvania, and Wisconsin, 2017

Industry	Indiana	Michigan	Ohio	Pennsylvania	Wisconsin
Forestry*	356	1,321	596	1,865	778
Logging	1,422	4,487	3,069	4,740	5,207
Primary solid wood products	3,485	4,768	3,178	6,812	4,564
Secondary solid wood products	12,572	7,048	12,516	18,638	14,911
Wood furniture	22,062	10,837	14,904	13,720	12,071
Pulp, paper, and paperboard mills	1,202	3,186	2,211	3,186	11,233
Secondary paperboard and other paper products	8,995	9,099	17,971	19,581	19,029
<b>Sum of Direct Contributions</b>	<b>50,093</b>	<b>40,746</b>	<b>54,445</b>	<b>68,541</b>	<b>67,793</b>

\*Includes maple syrup production.

## Forest Products Industries in Context to other Industries:

### Natural Resources and Agricultural Production Industries in Indiana, 2017

Manufacturing Industries	Employment	Labor Income (Thousands)	Value-added (Thousands)	Output (Thousands)
Forest products	50,093	\$3,124,900	\$4,046,325	\$12,883,498
Commercial fishing, hunting, and trapping	387	\$6,788	\$(47,773)	\$4,561
Mining and oil and gas production	12,194	\$478,946	\$1,666,060	\$3,197,069
Agricultural production (plant crop and animal)	69,264	\$3,084,050	\$4,292,477	\$11,405,698

## About this Bulletin:

This bulletin summarizes the economic contributions of forest products industry in Indiana 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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