

Forest Products Industries' Economic Contributions: Maryland - 2017

Maryland has 2.5 million acres of forest land that cover 40 percent of its land base, and most of this forest land is able to produce commercial timber. The majority, 72.2 percent, is privately owned; about 24.9 percent is managed by state and local government, and 3.0 percent by the federal government. Maryland ranks 16th 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 9,000+ direct jobs and supported total employment of 18,000 jobs in 2017.
- Had greater 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 8.5 percent of the non-food manufacturing jobs in Maryland.
- In Maryland and the adjacent states employed almost 90,000 workers and contributed \$28.1 billion in direct output.

Economic Contributions:

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

Industry Group	Employment	Labor Income	Value-added	Output
Forestry*	140	\$5,978	\$6,195	\$8,425
Logging*	648	\$30,807	\$39,041	\$53,294
Primary solid wood products	643	\$44,715	\$50,233	\$224,358
Secondary solid wood products	2,167	\$175,056	\$192,549	\$497,136
Wood furniture	2,506	\$142,565	\$176,901	\$441,018
Pulp, paper, and paperboard mills	800	\$73,384	\$115,912	\$584,636
Secondary paperboard and other paper products	1,909	\$117,026	\$149,267	\$825,013
Total	8,813	\$589,530	\$730,098	\$2,633,880

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

Industry Group	Employment	Labor Income	Value-added	Output
Forestry*	60	\$4,958	\$5,772	\$8,132
Logging*	494	\$22,754	\$31,661	\$45,964
Primary solid wood products	1,651	\$103,840	\$147,320	\$370,206
Secondary solid wood products	4,312	\$303,681	\$404,662	\$848,908
Wood furniture	4,202	\$242,684	\$342,202	\$716,681
Pulp, paper, and paperboard mills	2,855	\$206,107	\$333,023	\$950,120
Secondary paperboard and other paper products	4,471	\$278,331	\$410,991	\$1,260,364
Total	18,046	\$1,162,355	\$1,675,631	\$4,200,375

*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.



MARYLAND
DEPARTMENT OF
NATURAL RESOURCES



Top Forest Products Industries in Maryland:

Top 5 Industry Sectors by Direct Jobs

Industry Sector	Employment
Paperboard container manufacturing	1,648
Wood kitchen cabinet and countertop manufacturing	1,117
Engineered wood member and truss manufacturing	776
Paper mills	669
Commercial logging	648

Top 5 Industry Sectors by Value Added (Thousands)

Industry Sector	Value Added
Paperboard container manufacturing	\$128,888
Paper mills	\$97,845
Wood kitchen cabinet and countertop manufacturing	\$62,936
Engineered wood member and truss manufacturing	\$51,600
Other millwork, including flooring	\$49,820

Comparison with Neighboring States:

Forest Products Industries Direct Employment in Maryland, Delaware, West Virginia, and Pennsylvania, 2017

Industry	Maryland	Delaware	West Virginia	Pennsylvania
Forestry*	140	88	701	1,865
Logging	648	29	1,919	4,740
Primary solid wood products	643	60	2,836	6,812
Secondary solid wood products	2,167	355	2,613	18,638
Wood furniture	2,506	436	1,527	13,720
Pulp, paper, and paperboard mills	800	-	232	3,186
Secondary paperboard and other paper products	1,909	988	281	19,581
Sum of Direct Contributions	8,813	1,957	10,108	68,541

*Includes maple syrup production.

Forest Products Industries in Context to other Industries:

Natural Resources and Agricultural Production Industries in Maryland, 2017

Manufacturing Industries	Employment	Labor Income (Thousands)	Value-added (Thousands)	Output (Thousands)
Forest products	8,813	\$589,530	\$730,098	\$2,633,880
Commercial fishing, hunting, and trapping	2,000	\$19,948	\$56,877	\$85,477
Mining and oil and gas production	4,573	\$116,192	\$373,205	\$721,750
Agricultural production (plant crop and animal)	22,843	\$456,606	\$850,073	\$2,535,170

About this Bulletin:

This bulletin summarizes economic contributions of forest products industry in Maryland 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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