

Forest Products Industries' Economic Contributions: Massachusetts - 2017

Massachusetts has 3.0 million acres of forest land that cover 61 percent of its land base. The majority, 63 percent, is privately owned; 35 percent is managed by state and local government, and 2 percent by the federal government. Massachusetts ranks 14th 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 16,000 direct jobs and supported a total of 38,000 jobs in 2017.
- Accounted for 6 percent of direct manufacturing jobs.
- In Massachusetts and adjacent states, employed over 60,000 workers and produced \$16 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* **	1,030	\$47,575	\$47,465	\$58,990
Logging*	835	\$98,577	\$107,977	\$126,321
Primary solid wood products	300	\$12,464	\$11,206	\$104,095
Secondary solid wood products	2,790	\$168,452	\$166,388	\$533,076
Wood furniture	3,195	\$215,348	\$236,669	\$546,528
Pulp, paper, and paperboard mills	1,845	\$225,625	\$150,104	\$1,247,694
Secondary paperboard and other paper products	6,087	\$780,039	\$721,316	\$2,738,083
Total	16,083	\$1,548,080	\$1,441,125	\$5,354,786

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

Industry Group	Employment	Labor Income	Value-added	Output
Forestry* **	1,174	\$56,946	\$66,184	\$91,257
Logging*	1,054	\$95,540	\$117,379	\$154,838
Primary solid wood products	745	\$49,111	\$65,113	\$177,121
Secondary solid wood products	5,220	\$341,532	\$427,955	\$956,093
Wood furniture	5,634	\$381,744	\$488,603	\$960,397
Pulp, paper, and paperboard mills	7,307	\$646,029	\$780,695	\$2,239,445
Secondary paperboard and other paper products	16,672	\$1,531,450	\$1,860,388	\$4,646,562
Total	37,806	\$3,102,352	\$3,806,318	\$9,225,714

*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 Massachusetts:

Top 5 Industry Sectors by Direct Jobs	
Industry Sector	Employment
Paperboard container manufacturing	2,716
Paper bag and coated and treated paper manufacturing	2,229
Paper mills	1,478
Wood kitchen cabinet and countertop manufacturing	1,213
Custom architectural woodwork and millwork	846

Top 5 Industry Sectors by Value Added (Thousands)	
Industry Sector	Value Added
Paperboard container manufacturing	\$325,429
Paper bag and coated and treated paper manufacturing	\$222,998
Paper mills	\$126,080
Commercial logging	\$107,997
All other converted paper product manufacturing	\$107,097

Comparison with Neighboring States:

Forest Products Industries Direct Employment in Massachusetts and Adjacent States, 2017

Industry	Massachusetts	Vermont	Connecticut	Maine	New Hampshire
Forestry*	1,030	3,342	90	3,558	1,250
Logging	835	1,737	569	5,052	1,732
Primary solid wood products	300	941	276	2,986	1,107
Secondary solid wood products	2,790	1,053	1,268	2,484	1,170
Wood furniture	3,195	1,318	2,535	1,590	1,181
Pulp, paper, and paperboard mills	1,845	641	828	3,137	389
Secondary paperboard and other paper products	6,087	76	2,164	1,312	460
Sum of Direct Contributions	16,083	9,107	7,730	20,119	7,289

*Includes maple syrup production.

Forest Products Industries in Context to other Industries:

Natural Resources and Agricultural Production Industries in Massachusetts, 2017

Manufacturing Industries	Employment	Labor Income (Thousands)	Value-added (Thousands)	Output (Thousands)
Forest products*	16,083	\$1,548,080	\$1,441,125	\$5,354,786
Commercial fishing, hunting, and trapping	6,206	\$524,745	\$510,248	\$516,981
Mining and oil and gas production	3,675	\$673,007	\$836,602	\$1,112,847
Agricultural production (plant crop and animal)	21,730	\$870,256	\$873,998	\$1,189,115

*Forest products is a broad category inclusive of seven industry groups. For a more detailed comparison of forest products industries directly sourcing wood grown in Massachusetts, please refer to *Forest Products Industries' Economic Contributions: Massachusetts (2017)*, exhibit 13, p. 24.

About this Bulletin:

This bulletin summarizes the economic contributions of forest products industry in Massachusetts in 2017, as part of an analysis of the 20 Northeast and Midwest states 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>.

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