

Forest Products Industries' Economic Contributions: Wisconsin - 2017

Wisconsin has 17 million acres of forest land that cover 49 percent of its land base, and most of this forest land can produce commercial timber. The majority, 69.7 percent, is privately owned; about 21 percent is managed by state and local government, and 10 percent by the federal government. Wisconsin ranks 5th 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 68,000 direct jobs and supported a total of almost 160,000 jobs in 2017.
- Provided more direct labor income, value-added, 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 13 percent of Wisconsin direct manufacturing jobs, and 15.3 percent of non-food manufacturing jobs.
- In Wisconsin, Michigan, and Minnesota, employed over 142,000 workers and had \$48 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* ** | 778 | \$27,804 | \$28,337 | \$33,960 |
| Logging* | 5,207 | \$314,614 | \$375,323 | \$489,763 |
| Primary solid wood products | 4,564 | \$274,920 | \$412,685 | \$1,630,002 |
| Secondary solid wood products | 14,911 | \$704,408 | \$1,002,107 | \$3,041,763 |
| Wood furniture | 12,071 | \$656,930 | \$750,659 | \$2,174,899 |
| Pulp, paper, and paperboard mills | 11,233 | \$1,013,060 | \$1,962,788 | \$8,562,915 |
| Secondary paperboard and other paper products | 19,029 | \$1,525,630 | \$2,533,388 | \$9,349,409 |
| Total | 67,793 | \$4,517,366 | \$7,065,287 | \$25,282,711 |

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

| Industry Group | Employment | Labor Income | Value-added | Output |
|---|----------------|--------------------|---------------------|---------------------|
| Forestry* ** | 359 | \$19,958 | \$22,399 | \$29,440 |
| Logging* | 2,263 | \$122,218 | \$162,405 | \$234,494 |
| Primary solid wood products | 10,573 | \$604,925 | \$933,271 | \$2,317,949 |
| Secondary solid wood products | 29,153 | \$1,456,706 | \$2,220,184 | \$5,249,986 |
| Wood furniture | 22,231 | \$1,175,623 | \$1,610,503 | \$3,752,512 |
| Pulp, paper, and paperboard mills | 43,254 | \$2,801,737 | \$4,801,691 | \$13,336,723 |
| Secondary paperboard and other paper products | 52,317 | \$3,347,400 | \$5,544,843 | \$15,075,460 |
| Total | 160,150 | \$9,528,567 | \$15,295,296 | \$39,996,564 |

*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 Industries in Wisconsin:

Top 5 Industry Sectors by Direct Jobs

| Industry Sector | Employment |
|--|------------|
| Paper mills | 10,477 |
| Paperboard container manufacturing | 7,192 |
| Paper bag and coated and treated paper manufacturing | 6,120 |
| Commercial logging | 5,207 |
| Wood windows and door manufacturing | 5,196 |

Top 5 Industry Sectors by Value Added (Thousands)

| Industry Sector | Value Added |
|--|-------------|
| Paper mills | \$1,829,759 |
| Paper bag and coated and treated paper manufacturing | \$773,403 |
| Paperboard container manufacturing | \$772,259 |
| Sanitary paper product manufacturing | \$718,595 |
| Wood windows and door manufacturing | \$396,958 |

Comparison with Neighboring States:

Forest Products Industries Direct Employment in Wisconsin, Michigan, and Minnesota, 2017

| Industry | Wisconsin | Michigan | Minnesota |
|---|---------------|---------------|---------------|
| Forestry* | 778 | 1,321 | 782 |
| Logging | 5,207 | 4,487 | 2,495 |
| Primary solid wood products | 4,564 | 4,768 | 1,489 |
| Secondary solid wood products | 14,911 | 7,048 | 11,288 |
| Wood furniture | 12,071 | 10,837 | 8,575 |
| Pulp, paper, and paperboard mills | 11,233 | 3,186 | 2,542 |
| Secondary paperboard and other paper products | 19,029 | 9,099 | 6,885 |
| Sum of Direct Contributions | 67,793 | 40,746 | 34,056 |

*Includes maple syrup production.

Forest Products Industries in Context to other Industries:

Natural Resources and Agricultural Production Industries in Wisconsin, 2017

| Manufacturing Industries | Employment | Labor Income (Thousands) | Value-added (Thousands) | Output (Thousands) |
|---|------------|--------------------------|-------------------------|--------------------|
| Forest products | 67,793 | \$4,517,367 | \$7,065,287 | \$25,282,710 |
| Commercial fishing, hunting, and trapping | 1,119 | \$1,696 | \$8,196 | \$10,017 |
| Mining and oil and gas production | 6,892 | \$296,876 | \$1,835,354 | \$2,352,225 |
| Agricultural production (plant crop and animal) | 101,839 | \$3,143,708 | \$4,952,806 | \$12,799,922 |

About this Bulletin:

This bulletin summarizes the economic contributions of forest products industry in Wisconsin in 2017, as part of an analysis of the 20 Northeast and Midwest states plus Nebraska supported by a U.S. 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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