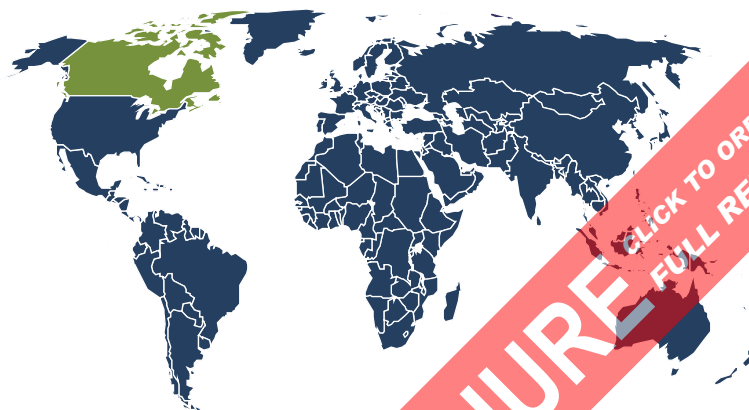




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# Forestry Equipment: Canada

September 2021



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# About This Report

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## Scope

This report forecasts to 2025 forestry equipment demand and production in nominal US dollars at the manufacturer level in Canada. Total demand is segmented by product in terms of:

- felling equipment
- extracting equipment
- loaders
- on-site processing equipment
- mulchers and other equipment such as dozers and other logging site preparation machinery, brushcutters, and scarifiers
- separately sold parts and attachments

To illustrate historical trends, total demand is provided in annual series from 2010 to 2020; production and the various segments are reported at five-year intervals for 2010, 2015, and 2020.

This report analyzes Canadian supply of and demand for forestry equipment, including both purpose-built forestry machinery and agricultural and construction equipment adapted for use in forestry applications.

Excluded from the scope of this report are:

- chainsaws used in construction, emergency rescue, lawn and garden care (including professional arborist products), and all other non-forestry settings
- vehicles utilized to transport personnel and equipment to and from forestry sites
- on-road trucks and trailers used to transport logs and wood chips from the landing to sawmills and other off-site facilities
- used forestry equipment of all types
- personal protection products like helmets and gloves
- axes, handsaws, and other non-powered equipment (such as log sleds/skids designed to be pulled by horses) used in manual logging operations

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

## Sources

*Forestry Equipment: Canada* (FA75044) is based on *Global Forestry Equipment*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and nongovernmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

## Industry Codes

Table 5 | NAICS & SIC Codes Related to Forestry Equipment

NAICS/SCIAN 2017 North American Industry Classification System		SIC Standard Industrial Classification	
333120	Construction machinery manufacturing	3531	Construction machinery and equipment

Source: US Census Bureau

## Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or  $r^2$ . The most stable data series relative to the trend carries an  $r^2$  value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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## Resources

### The Freedonia Group

*Global Forestry Equipment*

### Freedonia Industry Studies

*Global Agricultural Equipment*

*Global Cement*

*Global Construction Aggregates*

*Global Construction Machinery*

*Global Diesel Engines*

*Global Lubricants*

*Global Mining Equipment*

*Global Off-Road Equipment Technology 2021*

*Global Power Lawn & Garden Equipment*

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*Power Lawn & Garden Equipment*

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*Paper & Paperboard: United States*

*Pesticides: Canada*

*Wood Millwork: United States*

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## Trade Publications

*Canadian Forest Industries*

*Equipment World*

*Friday Offcuts*

*International Forest Industries*

*International Journal of Forest Engineering*

*Loggers World*

## Agencies & Associations

Association of Equipment Manufacturers

ASTM International

Canadian Institute of Forestry

Forest Products Association of Canada

Forest Stewardship Council

International Organization for Standardization

Statistics Canada

United Nations Comtrade

United Nations Food and Agriculture Organization

World Bank