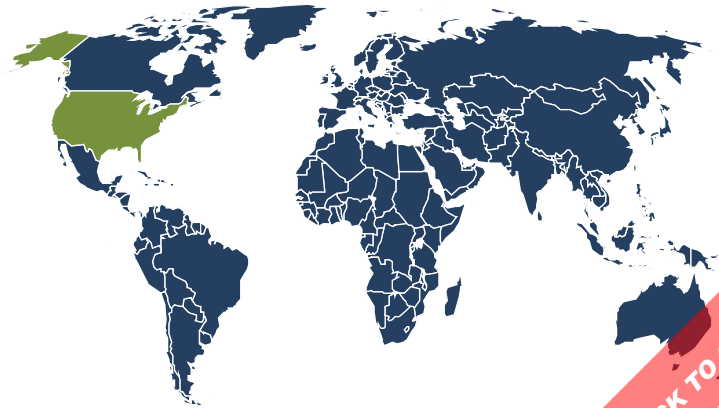


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Power Lawn & Garden Equipment: United States

February 2017



Highlights

Market Environment

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ABOUT THIS REPORT

Scope & Method

This report forecasts US power lawn and garden equipment demand and shipments in US dollars at the manufacturers' level to 2021. Total demand is segmented by product in terms of:

- lawnmowers
- turf and grounds equipment
- trimmers and edgers
- garden tractors and rotary tillers
- other equipment such as chainsaws, blowers, and snow throwers
- parts and attachments.

Since the vast majority of engines for power lawn and garden equipment are used in original equipment manufacturer (OEM) capacities, engines are excluded from the parts and attachments category.

Total demand is also segmented by market as follows:

- residential
- landscaping establishments
- golf courses
- government and other markets such as operators of private sports facilities.

To illustrate historical trends, total demand and total shipments are provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2006, 2011, and 2016.

This report 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.

ABOUT THIS REPORT

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

Sources

Power Lawn & Garden Equipment: United States (FF90016) is based on [Power Lawn & Garden Equipment Market in the US](#), 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 including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental 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 7 | Industry Codes Related to Power Lawn & Garden Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
332212	Hand and Edge Tool Manufacturing	3423	Hand and Edge Tools, Except Machine Tools and Handsaws
333111	Farm Machinery and Equipment Manufacturing	3523	Farm Machinery and Equipment
333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing	3524	Lawn and Garden Tractors and Home Lawn and Garden Equipment
333991	Power Driven Handtool Manufacturing	3546	Power-Driven Handtools

Source: US Census Bureau

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Resources

The Freedonia Group

Power Lawn & Garden Equipment Market, February 2017

Freedonia Industry Studies

Global Diesel Engine Market, January 2017

Agricultural Pesticide Market, January 2017

Hand Tools, July 2016

Lawn & Garden Consumables, June 2016

Home & Garden Pesticides, February 2016

Power Tools, June 2016

Landscaping Products, August 2015

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Diesel Progress

Grounds Maintenance

Lawn & Landscape

Outdoor Power Equipment

Power Transmission Engineering

Turf

Agencies & Associations

California Air Resources Board

Hand Tools Institute

Outdoor Power Equipment Institute

Power Tool Institute

United States Census Bureau

United States Consumer Product Safety Commission

United States Environmental Protection Agency

United States International Trade Commission