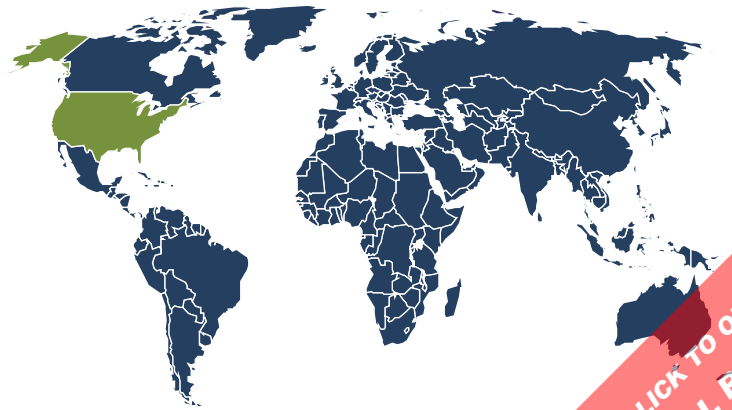




Freedonia Focus Reports
US Collection

Industrial Fasteners: United States

May 2016



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Trade | Technology Overview
Legal and Regulatory Factors

Segmentation and Forecasts

Products | Markets | Shipments

Industry Structure

Industry Composition and Characteristics | Companies Cited

Resources

CLICK TO ORDER
FULL REPORT
BROCHURE
CLICK TO ORDER
FULL REPORT

ABOUT THIS REPORT

Scope & Method

This report forecasts US industrial fastener demand and shipments in US dollars at the manufacturers' level to 2020. Total demand is segmented by product in terms of:

- externally threaded standard
- internally threaded standard
- nonthreaded standard
- application-specific standard
- aerospace-grade.

Excluded from the scope of this report are nails, brads, spikes, tacks, and related items, along with adhesives and other joining/bonding products, although these are discussed for their potential impact on industrial fastener demand. Nonindustrial type products like buttons, paper clips, and zippers are excluded as well. For the purposes of this report, the term "aerospace-grade" refers to a category of high-performance industrial fasteners manufactured to the specifications of aerospace/defense companies and agencies.

Total demand is also segmented by market as follows:

- motor vehicle original equipment manufacturer (OEM)
- machinery OEM
- other OEM such as aerospace equipment, fabricated metal products, and electrical and electronic equipment
- maintenance/repair/operations (MRO)
- construction.

To illustrate historical trends, total demand is provided in an annual series from 2005 to 2015; shipments and the various segments are reported at five-year intervals for 2010 and 2015.

This report quantifies trends in various measures of growth. 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. 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.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. 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

Industrial Fasteners: United States (FF70011) is based on [Industrial Fasteners](#), a comprehensive industry study published by The Freedonia Group in May 2016. 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 industry 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

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
326199	All Other Plastics Product Mfg	3089	Plastics Products, NEC
332722	Bolt, Nut, Screw, Rivet, & Washer Mfg	3452	Bolts, Nuts, Screws, Rivets, & Washers

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Table of Contents

Section	Page
About This Report	i
Highlights.....	1
Market Environment	2
Historical Trends	2
Chart 1 US Industrial Fastener Demand Trends, 2005-2015 (US\$ mil).....	3
Key Economic Indicators	4
Table 1 Key Indicators for US Industrial Fastener Demand; 2010, 2015, 2020 (US\$ bil).....	4
Trade.....	5
Chart 2 US Industrial Fastener Trade; 2005, 2010, 2015 (US\$ mil)	5
Technology Overview	6
Legal & Regulatory Factors	7
Segmentation & Forecasts.....	9
Products.....	9
Chart 3 US Industrial Fastener Demand by Product; 2010, 2015, 2020 (US\$ mil).....	9
Externally Threaded Standard.....	9
Internally Threaded Standard.....	11
Nonthreaded Standard.....	12
Application-Specific Standard.....	13
Aerospace-Grade.....	14
Chart 4 US Industrial Fastener Demand by Product Share; 2010, 2015, 2020 (%).....	15
Markets	16
Chart 5 US Industrial Fastener Demand by Market; 2010, 2015, 2020 (US\$ mil)	16
Motor Vehicle OEM.....	16
Machinery OEM.....	18
Other OEM.....	19
Maintenance/Repair/Operations.....	21
Construction.....	22
Chart 6 US Industrial Fastener Demand by Market Share; 2010, 2015, 2020 (%)	23
Shipments	24
Chart 7 US Industrial Fastener Shipments by Major Product; 2010, 2015, 2020 (US\$ mil)	24
Chart 8 US Industrial Fastener Shipments by Major Product Share; 2010, 2015, 2020 (%)	25
Industry Structure	26
Industry Composition & Characteristics	26
Chart 9 US Industrial Fastener Market Share, 2015	27
Market Share.....	27
Distribution.....	30
Companies Cited	32
Resources	33

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
 PDF bookmarks are also available for navigation.

RESOURCES

The Freedonia Group

3413 Industrial Fasteners, May 2016

www.freedoniagroup.com

[see study contents](#)

Related Industry Studies

3395 World Agriculture Equipment, April 2016

[see study contents](#)

3396 Commercial Refrigeration Equipment, March 2016

[see study contents](#)

3373 World Machine Tools, January 2016

[see study contents](#)

3337 World Mining Equipment, November 2015

[see study contents](#)

3260 Insulated Wire & Cable, May 2015

[see study contents](#)

3261 HVAC Equipment, March 2015

[see study contents](#)

Related Focus Reports

Adhesives & Sealants: United States

[see report contents](#)

Agricultural Equipment: United States

[see report contents](#)

Construction: United States

[see report contents](#)

Hardware: United States

[see report contents](#)

Medium- & Heavy-Duty Trucks & Buses: United States

[see report contents](#)

Motor Vehicles: United States

[see report contents](#)

Freedonia Custom Research

[see capabilities](#)

Trade Publications

Aerospace & Defense Technology

www.aerodefensetech.com

American Fastener Journal

www.fastenerjournal.com

Assembly

www.assemblymag.com

Design News

www.designnews.com

Fastener Technology International

www.fastenertech.com

Machine Design

<http://machinedesign.com>

Agencies & Associations

The American Society of Mechanical Engineers

www.asme.org

ASTM International

www.astm.org

Federal Aviation Administration

www.faa.gov

Federal Highway Administration

www.fhwa.dot.gov

Industrial Fasteners Institute

www.indfast.org

International Organization for Standardization

www.iso.org

National Fire Protection Association

www.nfpa.org

SAE International

www.sae.org

United States Census Bureau

www.census.gov

United States Food and Drug Administration

www.fda.gov

United States International Trade Commission

www.usitc.gov

Environmental Impact. Please consider the environment before printing this report. Freedonia Focus Report collections feature environmentally friendly products distributed entirely via electronic channels.