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Manufacturing: United States

June 2017



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About This Report

Scope & Method

This report forecasts US manufacturers' shipments in nominal and real (inflation-adjusted) US dollars to 2021. Total nominal shipments are segmented by product in terms of:

- transport equipment
- metal and nonmetallic mineral products
- electrical and electronic products
- machinery
- other durable goods such as wood products, medical equipment and supplies, and furniture and fixtures
- food and beverages
- chemical and allied products
- petroleum and coal products
- plastic and rubber products
- other nondurable goods such as pharmaceutical and related products and paper products.

This report includes both final products and interim components of those final products. Thus, total and segment values are subject to various degrees of double-counting. Re-exports of manufactured goods are excluded from demand and trade figures.

To illustrate historical trends, total nominal and real shipments, the various segments, and trade are provided in annual series from 2006 to 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.

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

Manufacturing: United States (FF70032) represents 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 13 | Industry Codes Related to Manufacturing

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
31-33	Manufacturing	20-39	Manufacturing

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

World Motorcycles, October 2016

Midstream Oil & Gas Equipment, February 2016

World Housing, July 2015

Freedonia Focus Reports

Civil Aircraft: United States

Construction: United States

Demographics: United States

Freight Services: United States

Housing: United States

Macroeconomy: United States

Motor Vehicles: United States

Processed Food: United States

Shipbuilding: United States

Transport Equipment: United States

World Demographics

World Macroeconomy

Freedonia Custom Research

Trade Publications

American Metal Market

Automotive News

EE Times

Design News

Food Processing

IHS Chemical Week

IndustryWeek

Manufacturing.net

Oil & Gas Journal

Agencies & Associations

Alliance for American Manufacturing

Alliance of Automobile Manufacturers

American Chemistry Council

International Monetary Fund

National Association of Manufacturers

About This Report

Organisation for Economic Co-operation and Development

United States Department of Commerce

Bureau of Economic Analysis

United States Census Bureau

United States Department of Labor

Bureau of Labor Statistics

Occupational Safety and Health Administration

United States Environmental Protection Agency

United States Food and Drug Administration

United States International Trade Commission

World Bank