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Shipbuilding: United States

November 2017



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About This Report

Scope & Method

This report forecasts US shipbuilding shipments in nominal US dollars to 2021. Total output is segmented by type in terms of:

- military self-propelled ship construction
- military ship repair
- nonpropelled ship construction
- nonmilitary self-propelled ship construction
- nonmilitary ship repair.

The scope of this report encompasses US shipyards; establishments primarily engaged in building boats are excluded. For the purposes of this report, both self-propelled and nonpropelled barges are classified as ships. The value of marine engineering services, such as design and development, is excluded from the scope of this report.

To illustrate historical trends, total 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

Shipbuilding: United States (FF85020) 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

About This Report

- 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 5 | Industry Codes Related to Shipyard Output

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
336611	Ship Building and Repairing	3731	Ship Building and Repairing

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

Global Diesel Engine Market, January 2017

Fiber-Reinforced Plastic Composites, January 2017

World Paint & Coatings, June 2016

Drones (UAVs), June 2016

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Agencies & Associations

Center for Strategic and International Studies

International Maritime Organization

National Defense Industrial Association

Shipbuilders Council of America

United States Census Bureau

United States Department of Defense

United States Army Corps of Engineers

United States Navy

United States Department of Transportation

United States Maritime Administration

United States Environmental Protection Agency

United States International Trade Commission

United States Naval Institute