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# Shipbuilding: United States

October 2019



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# About This Report

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## Scope

This report forecasts US shipbuilding shipments in nominal US dollars to 2023. 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

To illustrate historical trends, total shipments and the various segments are provided in annual series from 2008 to 2018.

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.

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

*Shipbuilding: United States* (FF85020) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental 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 6 | NAICS & SIC Codes Related to Shipbuilding

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
336611	Ship Building and Repairing	3731	Shipbuilding and Repairing

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

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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

#### Freedonia Industry Studies

*Global Diesel Engines*

*Recreational Boating in the US*

#### Freedonia Focus Reports

*Crude Petroleum: United States*

*Freight Services: United States*

*Manufacturing: United States*

*Steel Mill Products: United States*

*Transport Equipment: United States*

*Water Transport Services: United States*

#### Freedonia Custom Research

### Trade Publications

*Defense Daily*

*gCaptain*

*MarineLink*

*Ship Technology*

*WorkBoat*

*World Maritime News*

### 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