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US Collection



Freight by Waterway: United States

March 2021



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About This Report

Scope

This report forecasts to 2021 and 2025 US freight by waterway revenues for employer and nonemployer firms in nominal and real (inflation-adjusted) dollars. Total revenues in nominal and real terms are segmented by establishment type in terms of:

- coastal and Great Lakes
- deep sea
- inland waterway

To illustrate historical trends, total revenues in nominal and real terms and the various segments are provided in annual series from 2010 to 2020. In addition, the US international goods trade is provided in annual series from 2010 to 2020.

Revenues for water transport support activities are also forecast to 2021 and 2025, and provided for the 2010-2020 historical period. Total revenues in nominal terms are segmented by establishment type in terms of:

- marine cargo handling
- navigational services to shipping
- port and harbor operations
- other support activities

Total revenues for the US freight transport industry for the 2010-2020 period are also provided and segmented by mode as follows:

- truck
- rail
- pipeline
- water
- air

The scope of this report includes the revenues of for-hire water transport firms, as well as for-hire fleets that are dedicated to a particular client. Captive water transport services (i.e., businesses that maintain their own boats, ships, or barges to transport company goods or employees) are excluded.

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

Freight by Waterway: United States (FF85027) 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 16 | NAICS & SIC Codes Related to Freight by Waterway

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
483111	Deep Sea Freight Transport	4412	Deep Sea Foreign Transport of Freight
483113	Coastal and Great Lakes Freight Transport	4424	Deep Sea Domestic Transport of Freight
483211	Inland Water Freight Transport	4432	Freight Transport on the Great Lakes-St. Lawrence Seaway
488310	Port and Harbor Operations	4449	Water Transport of Freight, NEC
488320	Marine Cargo Handling	4491	Marine Cargo Handling
488330	Navigational Services to Shipping	4492	Towing and Tugboat Services
488390	Other Support Activities for Water Transport	4499	Water Transport Services, NEC

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,

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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 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

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Rigid Bulk Packaging

Freedonia Focus Reports

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Construction Chemicals: United States

Crude Petroleum: United States

Freight by Rail: United States

Freight by Truck: United States

Freight Services: United States

Manufacturing: United States

Precast Transport Infrastructure Products: United States

Refined Petroleum Products: United States

Transport Equipment: United States

Transport Refrigeration Systems: United States

Warehousing & Storage Services: United States

Freedonia Custom Research

Trade Publications

AAPA Seaports

American Shipper

Bulk Transporter

Container Management

The Journal of Commerce

Lloyd's List

Marine Link

Maritime Magazine

Transport Topics

The Waterways Journal

WorkBoat

Agencies & Associations

American Association of Port Authorities

American Bureau of Shipping

American Great Lakes Ports Association

About This Report

American Maritime Congress
The American Waterways Association
Atlantic Intracoastal Waterway Association
Bureau of Labor Statistics
Chamber of Marine Commerce
Gulf Intracoastal Canal Association
Intermodal Association of North America
International Maritime Organization
Lake Carriers' Association
National Waterways Foundation
North American Marine Environment Protection Association
The St. Lawrence Seaway Management Corporation
United States Army Corps of Engineers
United States Census Bureau
United States Coast Guard
United States Department of Transportation
 Bureau of Transportation Statistics
 Maritime Administration
 Saint Lawrence Seaway Development Corporation
United States Environmental Protection Agency
United States International Trade Commission