



Freedonia Focus Reports  
US Collection

# Freight Services: United States

April 2021



**BROCHURE**  
CLICK TO ORDER  
FULL REPORT

[www.freedoniafocusreports.com](http://www.freedoniafocusreports.com)

# Table of Contents

---

|  |           |
|--|-----------|
| <b>1. Highlights</b>                   | <b>3</b>  |
| <b>2. Market Environment</b>           | <b>5</b>  |
| Historical Trends                      | 5         |
| Key Economic Indicators                | 6         |
| US Goods Trade                         | 7         |
| North American Trade                   | 10        |
| Environmental & Regulatory Factors     | 12        |
| <b>3. Segmentation &amp; Forecasts</b> | <b>15</b> |
| Modes                                  | 15        |
| Truck                                  | 16        |
| Rail                                   | 18        |
| Pipeline                               | 21        |
| Water                                  | 23        |
| Air                                    | 25        |
| <b>4. Industry Structure</b>           | <b>27</b> |
| Industry Characteristics               | 27        |
| Market Leaders                         | 29        |
| FedEx                                  | 29        |
| BNSF                                   | 30        |
| Kirby                                  | 30        |
| <b>5. About This Report</b>            | <b>32</b> |
| Scope                                  | 32        |
| Sources                                | 32        |
| Industry Codes                         | 33        |
| Freedonia Methodology                  | 33        |
| Resources                              | 35        |

# List of Tables & Figures

---

|  |    |
|--|----|
| Figure 1   Key Trends in US Freight Services Revenues, 2020 – 2025                                 | 3  |
| Figure 2   US Freight Services Revenue Trends, 2010 – 2020   | 5  |
| Table 1   Key Indicators for US Freight Services Revenue, 2010 – 2025                              | 6  |
| Figure 3   US Goods Trade Trends, 2010 – 2020 (US\$ bil)   | 7  |
| Table 2   US Goods Trade Trends, 2010 – 2020 (US\$ bil)  | 8  |
| Figure 4   US Imports from North America by Mode, 2010 – 2020 (US\$ bil)                           | 10 |
| Table 3   US Imports from North America by Mode, 2010 – 2020 (US\$ bil)                            | 10 |
| Figure 5   US Exports from North America by Mode, 2010 – 2020 (US\$ bil)                           | 11 |
| Table 4   US Exports from North America by Mode, 2010 – 2020 (US\$ bil)                            | 11 |
| Figure 6   US Freight Services Revenues by Mode, 2010 – 2025 (US\$ bil)                            | 15 |
| Table 5   US Freight Services Revenues by Mode, 2010 – 2025 (US\$ bil)                             | 15 |
| Figure 7   US Truck Freight Revenue w/ Retail Sales, 2010 – 2025                                   | 17 |
| Figure 8   US Rail Freight Revenue w/ Manufacturers' Shipments, 2010 – 2025                        | 20 |
| Figure 9   US Pipeline Freight Revenue w/ Crude Oil & Liquids Production, 2010 – 2025              | 22 |
| Figure 10   US Water Freight Revenue w/ Crude Oil & Liquids Production, 2010 – 2025                | 24 |
| Figure 11   US Freight Services Revenue by Mode, 2010 – 2025 (%)                                   | 26 |
| Figure 12   US Freight Services Revenue Concentration for Largest 4 Firms by Mode, 2012 – 2017 (%) | 28 |
| Table 6   Leading Participants in the US Freight Services Industry by Mode                         | 29 |
| Table 7   NAICS & SIC Codes Related to Freight Services  | 33 |

# About This Report

---

## Scope

This report forecasts to 2021 and 2025 US freight services revenues in nominal US dollars. Total revenues are segmented by mode in terms of:

- truck
- rail
- pipeline
- water
- air

To illustrate historical trends, total revenues, the various segments, the value of the US goods trade, and the value of the US goods trade with North American countries by freight mode are provided in annual series from 2010 to 2020.

Captive freight services, such as retail store firms that maintain their own truck fleets, are excluded from the scope of this report. Also excluded are courier and express delivery services (e.g., parcel delivery).

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 Services: United States* (FF95064) 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 and 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 7 | NAICS & SIC Codes Related to Freight Services

| NAICS/SCIAN 2017                              |                                       | SIC                                |   |
|---|---------------------------------------|------------------------------------|---|
| North American Industry Classification System |                                       | Standard Industrial Classification |   |
| 481   | Air Transportation                    | 401                                | Railroads   |
| 482   | Rail Transportation                   | 421                                | Trucking and Courier Services, Except Air                     |
| 483   | Water Transportation                  | 442                                | Deep Sea Domestic Transportation of Freight                   |
| 484   | Truck Transportation                  | 443                                | Freight Transportation on the Great Lakes-St. Lawrence Seaway |
| 486   | Pipeline Transportation               | 444                                | Water Transportation of Freight, Not Elsewhere Classified     |
| 488   | Support Activities for Transportation | 451                                | Air Transportation, Scheduled                                 |
|   |                                       | 452                                | Air Transportation, Nonscheduled                              |
|   |                                       | 461                                | Pipelines, Except Natural Gas                                 |
|   |                                       | 492                                | Gas Production And Distribution                               |

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

## About This Report

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.

## 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.

## Resources

### The Freedonia Group

#### Freedonia Industry Studies

*Global Diesel Engines*

*Protective Packaging*

#### Freedonia Focus Reports

*Air Transport Services: United States*

*Coal: United States*

*Construction: United States*

*Energy: United States*

*Freight by Pipe: United States*

*Freight by Rail: United States*

*Freight by Truck: United States*

*Freight by Waterway: United States*

*Macroeconomy: United States*

*Manufacturing: United States*

*Mining & Quarrying: United States*

*Oil & Natural Gas Pipe: United States*

*Protective Packaging: Canada*

*Protective Packaging: United States*

*Soybean Products: United States*

*Transport Equipment: United States*

*Transport Refrigeration Systems: United States*

#### Freedonia Custom Research

### Trade Publications

*Air Cargo World*

*AAPA Seaports*

*American Shipper*

*American Trucker*

*Bulk Transporter*

*Container Management*

*Inbound Logistics*

*The Journal of Commerce*

*Oil & Gas Journal*

*Railway Age*

*Transport Topics*

*The Waterways Journal Weekly*

### **Agencies & Associations**

American Association of Port Authorities  
American Bureau of Shipping  
American Trucking Associations  
Association of American Railroads  
Association of Oil Pipe Lines  
Bureau of Labor Statistics  
Intermodal Association of North America  
Interstate Natural Gas Association of America  
United States Army Corps of Engineers  
United States Census Bureau  
United States Department of Transportation  
Bureau of Transportation Statistics  
Federal Aviation Administration  
Federal Motor Carrier Safety Administration  
Federal Railroad Administration  
Maritime Administration  
Pipeline and Hazardous Materials Safety Administration  
Surface Transportation Board  
United States Environmental Protection Agency