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US Collection

Medium- & Heavy-Duty Trucks & Buses: United States

July 2019



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About This Report

Scope

This report forecasts to 2023 US medium- and heavy-duty (MD/HD) truck and bus retail sales, production, and park (or vehicles in use) in units. Total retail sales, production, and park are segmented by product in terms of:

- medium-duty trucks
- heavy-duty trucks
- medium- and heavy-duty buses

In addition, this report also forecasts to 2023 MD/HD truck and bus retail sales, production, and park for North America by country in units.

To illustrate historical trends, total retail sales, production, park, and trade are provided in annual series from 2008 to 2018. Historical data are also provided for North America retail sales, production, and park by country.

MD/HD trucks and buses are defined as vehicles in weight classes 4 through 8. MD/HD trucks include special-purpose vehicles (e.g., fire trucks, tow trucks, and garbage trucks) but do not include off-road agricultural, construction, and mining equipment or recreational vehicles. The terms “demand”, “sales”, and “retail sales” are used interchangeably throughout this report. Re-exports of MD/HD trucks and buses are excluded from sales figures.

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

Medium- & Heavy-Duty Trucks & Buses: United States (FF85014) 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

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 15 | NAICS & SIC Codes Related to MD/HD Trucks & Buses

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
336120	Heavy Duty Truck Mfg	3711	Motor Vehicles and Passenger Car Bodies
336211	Motor Vehicle Body Mfg	3713	Truck and Bus Bodies
336212	Truck Trailer Mfg	3714	Motor Vehicle Parts and Accessories
336390	Other Motor Vehicle Parts Manufacturing	3715	Truck Trailers
485210	Interurban and Rural Bus Transportation	4119	Local Passenger Transportation, NEC
485410	School and Employee Bus Transportation	4131	Intercity and Rural Bus Transportation
485510	Charter Bus Industry	4141	Local Bus Charter Service
487110	Scenic and Sightseeing Transportation, Land	4142	Bus Charter Service, Except Local
		4151	School Buses

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

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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

Global Buses

Global Hybrid & Electric Vehicles

Recreational Vehicles in the US

Freedonia Focus Reports

Global Hybrid & Electric Vehicles

Global Light Vehicles

Hybrid & Electric Vehicles: Canada

Hybrid & Electric Vehicles: United States

Motor Vehicle Biofuels: United States

Motor Vehicle Leasing: United States

Motor Vehicles: United States

Public Transport: United States

Recreational Vehicles: United States

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Trade Publications

Automotive Industries

Automotive News

Heavy Duty Trucking

School Bus Fleet

Truck News

WardsAuto

Agencies & Associations

American Trucking Associations

Association of Diesel Specialists

Association of Equipment Manufacturers

National Truck Equipment Association

United States Department of Commerce

Bureau of Economic Analysis

United States Census Bureau

United States Department of Transportation

National Highway Traffic Safety Administration

United States Environmental Protection Agency

United States International Trade Commission