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

June 2017



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About This Report

Scope & Method

This report forecasts US medium- and heavy-duty (MD/HD) truck and bus retail sales, production, and park (or vehicles in use) in units to 2021. Total retail sales, production, and park are segmented by product in terms of:

- HD trucks
- MD trucks
- MD/HD buses.

MD/HD trucks and buses are defined as vehicles in weight classes 4 through 8. MD/HD trucks include special-purpose vehicles (eg, 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.

To illustrate historical trends, total retail sales, production, park, trade, and the various segments 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

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

About This Report

- government/public agencies
- 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 12 | Industry Codes Related to MD/HD Truck & Bus

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
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
336399	All Other Motor Vehicle Parts Mfg	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	4151	School Buses

Source: US Census Bureau

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Resources

The Freedonia Group

Freedonia Industry Studies

Global Bus Market, May 2017

Global Diesel Engine Market, January 2017

World Bearings, August 2016

World Rubber, February 2016

World Tires, November 2015

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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