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# Buses: United States

May 2017



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# About This Report

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## Scope & Method

This report forecasts US bus demand and production in units to 2021. Total demand is segmented by product in terms of:

- Type C school buses
- Type A, B & D school buses
- transit buses
- motor coaches
- other buses such as shuttles and tour buses.

Excluded from the scope of this report are most buses derived from light vehicles and minibuses designed to carry eight or fewer passengers, as well as separately sold chassis. Demand figures also exclude sales of used buses.

To illustrate historical trends, total demand and total production are provided in annual series from 2006 to 2016; the various demand segments are reported at five-year intervals for 2006, 2011, and 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

*Buses: United States* (FF85012) is based on [Global Bus Market](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

## About This Report

- firms participating in the industry, and their suppliers and customers
- 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 5 | Industry Codes Related to Buses

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
336399	All Other Motor Vehicle Parts Mfg	3714	Motor Vehicle Parts and Accessories
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

*Global Bus Market*, May 2017

### Freedonia Industry Studies

*Global Filters Market Forecasts*, March 2017

*Global Diesel Engine Market*, January 2017

*Global Internal Combustion Engine & Related Filters Market*, January 2017

*Battery Markets in the US*, December 2016

*Gaskets & Seals Market in the US*, December 2016

*World Motorcycles*, October 2016

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*Automotive Powertrain Aftermarket: North America*

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*Hoses & Belts: United States*

*Internal Combustion Engine Filters: United States*

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

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*World Internal Combustion Engine Filters*

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*Bus & Motor Coach News*

*Busline*

*BUSRide*

*Metro*

*School Bus Fleet*

*WardsAuto World*

*Ward's Motor Vehicle Data*

### **Agencies & Associations**

American Bus Association

American Public Transportation Association

ASTM International

International Association of Public Transport

International Organization of Motor Vehicle Manufacturers

National Congress on School Transportation

United Motorcoach Association

United States Census Bureau

United States Department of Transportation

    National Highway Traffic Safety Administration

United States Environmental Protection Agency

United States International Trade Commission