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Paving Asphalt: United States

June 2017



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About This Report

Scope & Method

This report forecasts US paving asphalt demand and production in tons of asphalt content to 2021. Total demand is segmented by product in terms of:

- asphalt cement
- asphalt emulsions
- cutback asphalt
- other paving asphalt products.

Total demand is also segmented by application as follows:

- highways & streets
- other nonbuilding applications
- nonresidential building
- residential building.

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016; production and 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

Paving Asphalt: United States (FF60102) is based on *Paving Asphalt Market in the US*, a comprehensive industry study published by The Freedonia Group. Reported findings

About This Report

represent 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
- 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 6 | Industry Codes Related to Paving Asphalt

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
237310	Highway, Street, and Bridge Construction	1622	Bridge, Tunnel, and Elevated Highway Construction
324121	Asphalt Paving Mixture & Block Manufacturing	2951	Asphalt Paving Mixtures & Blocks

Source: US Census Bureau

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Resources

The Freedonia Group

Paving Asphalt Market in the US, June 2017

Freedonia Industry Studies

Asphalt Shingles Market in the US, May 2017

Precast Concrete Products, October 2016

Cement & Concrete Additives, October 2016

Bricks, Blocks, & Pavers, November 2014

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Asphalt Institute

Asphalt Pavement Alliance

National Asphalt Pavement Association

United States Census Bureau

United States International Trade Commission