

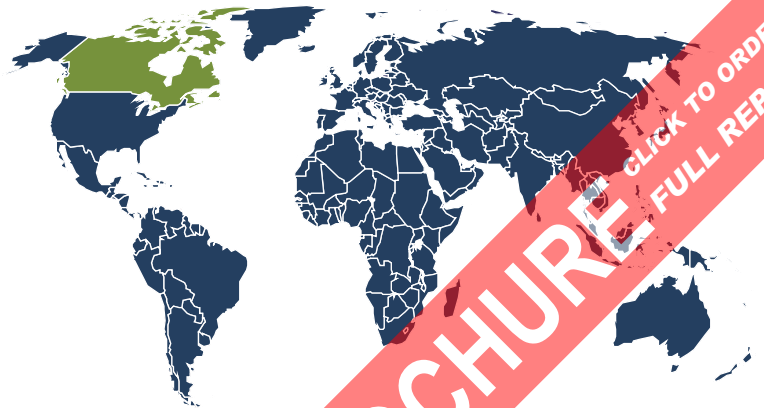
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Global Collection



Flat Glass:

Canada

March 2018



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About This Report

Scope & Method

This report forecasts to 2021 flat glass demand in square meters and nominal US dollars at the manufacturer level in Canada. Total flat glass production is also forecasted to 2021 in square meters and metric tons. Total demand is segmented by market as follows:

- residential buildings
- nonresidential buildings
- motor vehicle original equipment manufacturer
- motor vehicle aftermarket
- other markets such as solar energy, electronic display screens, and aerospace equipment glass

To illustrate historical trends, total fabricated flat glass demand by value is provided in annual series from 2006 to 2016; total flat glass production in area and volume terms, total flat glass demand in area terms, and the various demand segments by value are reported at five-year intervals for 2006, 2011, and 2016.

Production data primarily reflect float glass but also include sheet glass, rolled glass, plate glass, and specialty types of flat glass such as patterned glass.

Fabricated flat glass is any type of flat glass that has had value added through fabrication. Basic unfabricated flat glass is a type of glass with no value-added features, but it is included in the fabricated flat glass total for the purposes of this report. Fabricated flat glass includes both basic glass as well as processed and value-added products such as laminated, tempered, and insulating glass. Thus, the dollar values presented per square meter of flat glass include the inherent value added by fabrication.

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.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the

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average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate at that prevailing in 2016. All figures cited are in US dollars unless otherwise specified.

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

Flat Glass: Canada (FA60062) is based on *Global Flat Glass 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:

- 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 Flat Glass

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
327211	Flat Glass Mfg	3211	Flat Glass
327215	Glass Product Mfg Made of Purchased Glass	3231	Glass Products, Made of Purchased Glass
423390	Other Construction Material Merchant Wholesalers	5039	Construction Materials, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Global Flat Glass Market, March 2018

Freedonia Industry Studies

Siding Market in the US, January 2018

Global Windows & Doors, December 2017

Insulation Market in the US, December 2017

Global Housing Outlook, October 2017

World Industrial Silica Sand, October 2016

World Insulation, July 2016

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Global Housing

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Global Medium- & Heavy-Duty Vehicles

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Nonresidential Building Construction: United States

Prefabricated Housing: United States

Recovered Glass: United States

Transport Equipment: United States

Windows & Doors: Canada

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