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Elevators:

United States

July 2017



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Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	5
Technological Developments	6
Legal & Regulatory Factors	7
Safety Regulations	7
Accessibility Regulations	7
Energy Efficiency Regulations	8
NAFTA Overview	9
3. Segmentation & Forecasts	10
Types	10
Passenger & Freight Elevators	12
Escalators & Moving Walkways	13
Parts & Other Equipment	14
Modernization & Repair Services	14
Installation Services	15
Markets	16
Nonresidential	17
Residential	17
4. Industry Structure	19
Industry Characteristics	19
Market Leaders	20
KONE Corporation	20
Otis Elevator Company	21
Schindler Holding	21
thyssenkrupp	21
5. About This Report	22
Scope & Method	22
Sources	23
Industry Codes	23
Resources	24

List of Tables & Figures

Figure 1 US Elevator Equipment & Service Demand Trends, 2006-2016	4
Table 1 Key Indicators for US Elevator Equipment & Service Demand; 2006, 2011, 2016, 2021 (US\$ bil)	5
Figure 2 NAFTA Elevator Equipment & Service Demand by Country, 2016	9
Figure 3 US Elevator Equipment & Service Demand by Type; 2006, 2011, 2016, 2021 (US\$ mil)	10
Table 2 US Elevator Equipment & Service Demand by Type; 2006, 2011, 2016, 2021 (US\$ mil)	10
Figure 4 US Elevator Equipment Shipments & Demand; 2006-2016, 2021 (US\$ mil)	12
Table 3 US Elevator Equipment Shipments & Demand; 2006-2016, 2021 (US\$ mil)	12
Figure 5 US Elevator Equipment & Service Demand by Type; 2006, 2011, 2016, 2021 (%)	15
Figure 6 US Elevator Equipment & Service Demand by Market; 2006, 2011, 2016, 2021 (US\$ mil)	16
Table 4 US Elevator Equipment & Service Demand by Market; 2006, 2011, 2016, 2021 (US\$ mil)	16
Figure 7 US Elevator Equipment & Service Demand by Market; 2006, 2011, 2016, 2021 (%)	18
Table 5 Leading Participants in the US Elevator Industry by Plant Location and Products	20
Table 6 Industry Codes Related to Elevators	23

About This Report

Scope & Method

This report forecasts US elevator equipment and related service demand and elevator equipment shipments in US dollars at the manufacturers' level to 2021. Elevator equipment and services are segmented by type as follows:

- passenger and freight elevators
- escalators and moving walkways
- parts and other equipment such as components, controls, and accessories
- modernization and repair services
- installation services.

For the purposes of this report, general references to elevators or the elevator market include escalators and moving walkways, parts, and services, while elevators themselves, often referred to as lifts in European publications, are described as passenger and freight elevators. Products beyond the scope of this report include aerial work platforms (man lifts) and conveyor systems used for the transport of goods.

Total demand is also segmented by market as follows:

- nonresidential
- residential.

To illustrate historical trends, total elevator equipment and service demand, and elevator equipment demand and shipments are provided in annual series from 2006 to 2016; the various 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

Elevators: United States (FF75033) is based on *Global Elevator Equipment & Services 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 6 | Industry Codes Related to Elevators

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
238290	Other Building Equipment Contractors	1796	Installation or Erection of Building Equipment, NEC
333921	Elevator and Moving Stairway Mfg	3534	Elevators and Moving Stairways

Source: US Census Bureau

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Resources

The Freedonia Group

Global Elevator Equipment & Services Market, July 2017

Freedonia Industry Studies

Global Flooring Market, January 2017

World Drywall & Building Plaster, October 2016

World Flat Glass, August 2016

World Material Handling Equipment, July 2016

World Housing, July 2015

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Global Elevators

Housing: United States

Material Handling Equipment: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

World Material Handling Equipment

Freedonia Custom Research

Trade Publications

Builder

Building Design & Construction

Construction World

Elevator World

International Construction

The Journal of Light Construction

Agencies & Associations

Elevator Escalator Safety Foundation

International Association of Elevator Consultants

Lift & Escalator Industry Association

National Association of Elevator Contractors

National Elevator Industry Inc

The Skyscraper Center

United States Census Bureau

United States Green Building Council

United States International Trade Commission