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Pumps: Canada

May 2018



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Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	6
Technology	7
NAFTA Outlook	9
3. Segmentation & Forecasts	11
Products	11
Centrifugal	12
Positive Displacement	13
Turbine	14
Specialty & Other Pumps	15
Pump Drivers, Parts, & Accessories	15
Markets	17
Process Manufacturing	18
Oil & Gas	19
Water Infrastructure	20
Other Markets	21
4. Industry Structure	23
Industry Characteristics	23
Industry Leaders	24
Flowserve	24
Sulzer	25
Weir	26
5. About This Report	27
Scope & Method	27
Sources	28
Industry Codes	28
Resources	29

List of Tables & Figures

Figure 1 Canada: Key Trends in the Pump Market, 2017 – 2022	3
Figure 2 Canada: Pump Demand Trends, 2007 – 2017	5
Table 1 Canada: Key Indicators for Pump Demand, 2007 – 2022 (2016US\$ bil)	6
Figure 3 NAFTA: Pump Demand by Country, 2017 (%)	9
Figure 4 Canada: Pump Demand by Product, 2007 – 2022 (US\$ mil)	11
Table 2 Canada: Pump Demand by Product, 2007 – 2022 (US\$ mil)	11
Table 3 Canada: Pump Supply & Demand, 2007 – 2022 (US\$ mil)	12
Figure 5 Canada: Pump Demand by Product, 2007 – 2022 (%)	16
Figure 6 Canada: Pump Demand by Market, 2007 – 2022 (US\$ mil)	17
Table 4 Canada: Pump Demand by Market, 2007 – 2022 (US\$ mil)	17
Figure 7 Canada: Pump Demand by Market, 2007 – 2022 (%)	21
Table 5 Canada: Selected Participants in the Pump Industry	24
Table 6 NAICS & SIC Codes Related to Pumps	28

About This Report

Scope & Method

This report forecasts to 2022 pump demand and shipments in nominal US dollars at the manufacturer level in Canada. Total demand is segmented by product in terms of:

- centrifugal
- positive displacement
- turbine
- specialty and other pumps, which includes pumps with designs that are uniquely specialized for specific applications, such as domestic water system pumps, drilling mud pumps, and sump pumps
- pump drivers, parts, and accessories

Total demand is also segmented by market as follows:

- process manufacturing
- oil and gas
- water infrastructure
- other markets such as construction, electric power generation, and healthcare

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; shipments and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

This report examines the fluid handling pumps industry. Excluded from the scope of this report are automotive pumps, concrete pumps, fluid power pumps, and vacuum pumps.

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

About This Report

average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2017. All value 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

Pumps: Canada (FA70015) is based on *Global Pumps 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 | NAICS & SIC Codes Related to Pumps

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
333911	Pumps and Pumping Equipment Mfg	3561	Pumps and Pumping Equipment
333912	Air and Gas Compressor Mfg	3563	Air and Gas Compressors
333913	Measuring and Dispensing Pump Mfg	3586	Measuring and Dispensing Pumps

Source: US Census Bureau

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Resources

The Freedonia Group

Global Pumps Market, May 2018

Freedonia Industry Studies

Global Plastics Processing Machinery, January 2018

Global Water Filtration Equipment Markets, November 2017

Consumer Water Treatment Systems in the US, October 2017

Global Food Processing Machinery, September 2017

Global Water Treatment Chemicals Market, June 2017

Drilling Fluids & Chemicals Market in the US, May 2017

Global Filters Market Forecasts, March 2017

Heat Pump Market in the US, March 2017

Global Air & Fluid Filters Market, January 2017

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Crude Petroleum: United States

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Hydraulic Institute
International Organization for Standardization
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