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Industrial Valves: Europe

November 2021



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About This Report

Scope

This report forecasts to 2025 industrial valve demand and production in nominal US dollars at the manufacturer level in Europe. Total demand is segmented by product in terms of:

- standard multiturn
- standard quarterturn
- other standard valves such as waterworks, plumbing and HVAC, and gas cylinder types
- automatic control
- automatic regulator
- automatic actuators

Total demand is also segmented by market as follows:

- process manufacturing
- building construction
- water infrastructure
- other markets such as electricity generation, oil and gas, and mining

To illustrate historical trends, total demand is provided in annual series from 2010 to 2020; production and the various segments are reported at five-year intervals for 2010, 2015, and 2020.

Excluded from the scope of this report are:

- valves used in hydraulic and pneumatic fluid power systems
- valves utilized primarily in automotive applications
- other original equipment-type valves used as components in internal combustion engines and other non-industrial applications
- artificial heart valves
- rebuilt and remanufactured valves

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

For the purposes of this report, Europe encompasses the following countries:

Table 6 | Countries in Western Europe

Andorra	Germany*	Italy*	Portugal
Austria	Gibraltar	Jersey	Saint Pierre and Miquelon
Belgium	Greece	Liechtenstein	San Marino
Channel Islands	Greenland	Luxembourg	Spain*
Denmark	Guernsey	Malta	Sweden
Faeroe Islands	Iceland	Monaco	Switzerland
Finland	Ireland	Netherlands*	United Kingdom*
France*	Isle of Man	Norway	Vatican City

*Major industrial valve markets.

Source: The Freedonia Group

Table 7 | Countries in Eastern Europe

Albania	Hungary	Romania
Belarus	Latvia	Russia*
Bosnia and Herzegovina	Lithuania	Serbia
Bulgaria	Macedonia	Slovakia
Croatia	Moldova	Slovenia
Czech Republic	Montenegro	Ukraine
Estonia	Poland*	

*Major industrial valve markets.

Source: The Freedonia Group

Sources

Industrial Valves: Europe (FE70024) is based on *Global Industrial Valves*, 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, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and 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 8 | HS Codes Related to Industrial Valves

HS Code	Definition
8481.20	Hydraulic and pneumatic transmission valves
8481.30	Check valves
8481.40	Safety and relief valves
8481.80	Other valves
8481.90	Parts for valves and related products

Source: United Nations Statistics Division

Table 9 | NACE Codes Related to Industrial Valves

NACE Code	Definition
28.14	Manufacture of other taps and valves

Source: European Commission

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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.

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Resources

The Freedonia Group

Global Industrial Valves

Freedonia Industry Studies

Behind the Wall Plumbing

Consumer Water Treatment

Gaskets & Seals

Global Filters

Global Plumbing Products

Global Water Treatment Equipment & Chemicals

Pipe Products & Markets

Plumbing Fixtures & Fittings

Freedonia Focus Reports

Commercial Building Construction: United States

Construction: United States

COVID-19 Market Impact Analysis

Fabricated Metal Products: United States

Global Plastic Pipe

Lubricants: Europe

Manufacturing: United States

Oil & Natural Gas Pipe: United States

Paint & Coatings: Europe

Plumbing Fixtures & Fittings: Europe

Renewable Energy: United States

Rubber Processing Chemicals: Europe

Thermoplastic Elastomers: Europe

Freedonia Custom Research

Trade Publications

Chemical & Engineering News

Flow Control

Oil & Gas Journal

Processing

Valve Magazine

Valve World

Agencies & Associations

European Association for the Taps & Valves Industry (CEIR)
Federal Statistical Office (Germany)
Eurostat
International Monetary Fund
National Institute of Statistics and Economic Studies (France)
Organisation for Economic Co-operation and Development
United Nations Comtrade
Valve Manufacturers Association of America
World Bank