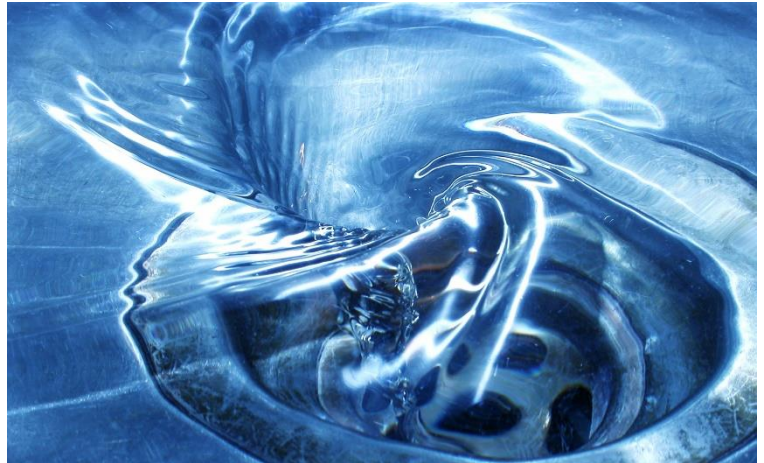


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# Water Disinfection Equipment: United States

August 2017



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# About This Report

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## Scope & Method

This report forecasts US water disinfection equipment demand in nominal US dollars at the manufacturers' level to 2021. Total demand is segmented by product in terms of:

- chemical generation equipment
- ultraviolet (UV) equipment
- ozone generation equipment
- other products such as thermal equipment, ultrasonic equipment, and electrolytic equipment.

In the scope of this report, water disinfection equipment is defined as equipment used to treat water used as supply, process, cooling, or boiler water, or wastewater from municipal and industrial sources. Excluded from this report are bulk chemicals not administered via chemical generation equipment, other types of water treatment equipment such as filtration or membrane systems, and non-treatment equipment such as monitoring and metering systems.

Total demand is also segmented by market as follows:

- municipal
- commercial and residential
- manufacturing
- other markets such as power generation, aquaculture and agriculture, mining, and oil and gas production.

To illustrate historical trends, total demand is 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.

## About This Report

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

*Water Disinfection Equipment: United States* (FF35066) is based on *Global Water Disinfection Equipment 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 Water Disinfection Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
221310	Water Supply and Irrigation Systems	3559	Special Industry Machinery, NEC
333319	Other Commercial and Service Industry Machinery Mfg	3589	Service Industry Machinery, NEC
335129	Other Lighting Equipment Mfg	3648	Lighting Equipment, NEC
		4941	Water Supply

Source: US Census Bureau

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## Resources

### The Freedonia Group

*Global Water Disinfection Equipment Market*, August 2017

### Freedonia Industry Studies

*Global Water Treatment Chemicals Market*, June 2017

*Drilling Fluids & Chemicals Market in the US*, May 2017

*Global Air & Fluid Filters Market*, January 2017

*Biocides Market in the US*, December 2016

*Wood Preservative Market in the US*, November 2016

*Activated Carbon*, October 2016

*Specialty Surfactants*, August 2016

*Solvents*, July 2016

*Industrial & Institutional (I&I) Cleaning Chemicals*, June 2016

*Air & Fluid Filters*, April 2016

*Corrosion Inhibitors*, April 2016

*World Activated Carbon*, April 2016

*World Consumer Water Treatment Systems*, January 2016

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*Macroeconomy: United States*

*Manufacturing: United States*

*Specialty Biocides: United States*

*Water Treatment Chemicals: United States*

*Water: United States*

*World Consumer Water Treatment Systems*

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*Water Technology News*

*WaterWorld*

### **Agencies & Associations**

American Water Works Association

Association of Water Technologies

International Water Association

National Rural Water Association

United States Census Bureau

United States Environmental Protection Agency

United States International Trade Commission

Water Quality Association