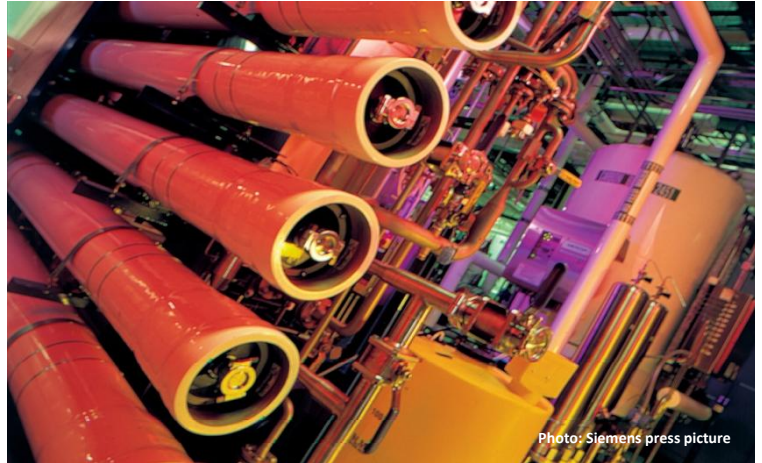


Freedonia Focus Reports
World Collection



World

Membrane Separation Technologies

September 2015



Highlights

World Overview and Forecasts
Demand by Product | Demand by Market

Regional Trends and Forecasts
Regional Demand Overview | North America | Western Europe | Asia/Pacific
Other Regions

Industry Structure
Industry Composition and Characteristics | Additional Companies Cited

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ABOUT THIS REPORT

Scope & Method

This report forecasts total world demand in 2019 for membranes used in separation applications by product, market, and major world region in US dollars at the manufacturers' level. Product segments include:

- microfiltration
- reverse osmosis
- ultrafiltration
- other products such as nanofiltration, direct osmosis, and dialysis.

Reported markets encompass:

- water treatment
- wastewater treatment
- food and beverage processing
- pharmaceutical and medical
- other markets such as chemical processing, industrial gases, and environmental.

Major world regions include:

- North America
- Western Europe
- Asia/Pacific
- all other regions.

Demand by product segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product segments) are provided for 2009 and 2014. Further, regional demand is segmented by market for 2014.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Unless otherwise indicated, both historical and forecasted demand and production values are expressed in US dollars at a fixed 2014 rate of exchange with local currencies.

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

World Membrane Separation Technologies (FW35047) is based on [a comprehensive industry study](#) published by The Freedonia Group in September 2015. 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 industry 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

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
221310	Water Supply and Irrigation Systems	3089	Plastics Products, NEC
326199	All Other Plastics Product Mfg	3569	General Industrial Machinery and Equipment, NEC
333319	Other Commercial and Service Industry Machinery Mfg	3589	Service Industry Machinery, NEC
333999	All Other Miscellaneous General Purpose Machinery Mfg	4941	Water Supply

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RESOURCES

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www.freedoniagroup.com

3325 <i>World Membrane Separation Technologies</i> , September 2015	see study contents
Related Industry Studies	
3322 <i>Water Treatment Chemicals</i> , July 2015	see study contents
3281 <i>Consumer Water & Air Treatment Systems</i> , July 2015	see study contents
3288 <i>Water Treatment Equipment</i> , May 2015	see study contents
3219 <i>Membrane Separation Technologies</i> , November 2014	see study contents
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3137 <i>Water & Wastewater Pipe</i> , May 2014	see study contents
3125 <i>Filters</i> , March 2014	see study contents
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<i>Filters: United States</i>	see report contents
<i>Water Treatment Chemicals: United States</i>	see report contents
<i>Water Treatment Equipment: United States</i>	see report contents
<i>Water: United States</i>	see report contents
<i>Water & Wastewater Pipe: United States</i>	see report contents
<i>World Activated Carbon</i>	see report contents
<i>World Filters</i>	see report contents
Freedonia Custom Research, Inc	see capabilities

Trade Publications

<i>Desalination & Water Reuse</i> (UK)	www.desalination.biz
<i>Filtration & Separation</i> (UK)	www.filtsep.com
<i>Ultrapure Water Journal</i> (UK)	www.ultrapurewater.com
<i>Water & Wastes Digest</i> (USA)	www.wwdmag.com
<i>WaterWorld</i> (USA)	www.waterworld.com

Agencies & Associations

American Membrane Technology Association	www.amtaorg.com
European Union	www.europa.eu
International Monetary Fund	www.imf.org
North American Membrane Society	www.membranes.org
Organisation for Economic Co-operation and Development	www.oecd.org
United States Environmental Protection Agency	www.epa.gov
World Bank	www.worldbank.org

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