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# Medical Equipment & Supplies: United States

June 2017



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# Table of Contents

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<b>1. Highlights</b>	<b>4</b>
<b>2. Market Environment</b>	<b>5</b>
Historical Trends	5
Key Economic Indicators	7
Trade	8
Regulatory Factors	10
Medical Services Expenditures by Disease	12
<b>3. Segmentation &amp; Forecasts</b>	<b>14</b>
Products	14
Surgical Appliances & Supplies	17
Surgical & Medical Instruments	19
Electromedical Equipment	19
Dental Equipment & Supplies	21
Ophthalmic Goods	22
Irradiation Equipment	23
<b>4. Industry Structure</b>	<b>26</b>
Industry Characteristics	26
Market Leaders	28
Johnson & Johnson	28
Medtronic	30
General Electric Company	31
<b>5. About This Report</b>	<b>32</b>
Scope & Method	32
Sources	33
Industry Codes	33
Resources	34

# List of Tables & Figures

---

Figure 1   Key Trends in US Medical Equipment & Supplies Demand, 2016-2021	4
Figure 2   US Medical Equipment & Supplies Demand Trends, 2006-2016	5
Figure 3   US Medical Equipment & Supplies Shipment Trends, 2006-2016	6
Table 1   Key Indicators for US Medical Equipment & Supplies Demand; 2006, 2011, 2016, 2021 (US\$ bil)	7
Figure 4   US Medical Equipment & Supplies Trade, 2006-2016 (US\$ mil)	8
Table 2   US Medical Equipment & Supplies Trade, 2006-2016 (US\$ mil)	8
Table 3   US Medical Equipment & Supplies Imports by Country, 2006-2016 (US\$ mil)	9
Table 4   US Medical Equipment & Supplies Exports by Country, 2006-2016 (US\$ mil)	9
Table 5   US FDA Regulatory Classes for Medical Equipment & Supplies	10
Table 6   US Medical Services Expenditures by Disease, 2003-2013 (US\$ bil)	12
Table 7   US Medical Services Expenditures by Disease, 2003-2013 (2009US\$ bil)	13
Figure 5   US Medical Equipment & Supplies Demand by Product; 2006-2016, 2021 (US\$ mil)	14
Table 8   US Medical Equipment & Supplies Demand by Product; 2006-2016, 2021 (US\$ mil)	14
Figure 6   US Medical Equipment & Supplies Shipments by Product; 2006-2016, 2021 (US\$ mil)	15
Table 9   US Medical Equipment & Supplies Shipments by Product; 2006-2016, 2021 (US\$ mil)	16
Table 10   US Medical Equipment & Supplies Demand; 2006-2016, 2021 (2009US\$ mil)	16
Figure 7   US Surgical Appliances & Supplies Demand & Surgical Procedures; 2006-2016, 2021	18
Table 11   US Representative Electromedical Equipment by Product Group	20
Figure 8   US Medical Equipment & Supplies Demand by Product Share; 2006-2016, 2021 (%)	25
Figure 9   US Medical Equipment & Supplies* Industry Shipments Concentration; 2002, 2007, 2012 (%)	26
Figure 10   US Medical Equip & Supplies Shipment Share of Largest 4 Firms by Segment; 2002, 2007, 2012 (%)	27
Table 12   Leading Suppliers to the US Medical Equipment & Supplies Market by Key Products	28
Table 13   Johnson & Johnson Global Medical Devices Segment Sales by Product Group, 2014-2016 (US\$ mil)	29
Table 14   Medtronic Segments & Divisions	30
Table 15   Medtronic Global Sales by Segment, Fiscal Years 2014-2016 (US\$ mil)	30
Table 16   General Electric Company Healthcare Segment Systems & Products	31

Table 17 | Industry Codes Related to Medical Equipment & Supplies

33

# About This Report

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## Scope & Method

This report forecasts to 2021 US medical equipment and supplies demand and shipments in US dollars at the manufacturers' level. Total demand and shipments are segmented by product in terms of:

- surgical appliances and supplies
- surgical and medical instruments
- electromedical equipment
- dental equipment and supplies
- ophthalmic goods
- irradiation equipment.

Pharmaceuticals, contrast agents, and other consumables for *in vivo* diagnostic tests as well as *in vitro* diagnostic substances are excluded from the scope of this report. Also excluded is laboratory equipment such as hematology instruments; they are covered in [Analytical Instruments: United States](#). Pharmaceuticals are covered in [Pharmaceuticals: United States](#). Re-exports of medical equipment and supplies are excluded from demand and trade figures.

To illustrate historical trends, total demand, total shipments, the various segments, and trade are provided in annual series from 2006 to 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

*Medical Equipment & Supplies: United States* (FF40018) represents 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 17 | Industry Codes Related to Medical Equipment & Supplies

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
334510	Electromedical and Electrotherapeutic Apparatus Mfg	3841	Surgical and Medical Instruments and Apparatus
334517	Irradiation Apparatus Mfg	3842	Orthopedic, Prosthetic, and Surgical Appliances and Supplies
339112	Surgical and Medical Instrument Mfg	3843	Dental Equipment and Supplies
339113	Surgical Appliance and Supplies Mfg	3844	X-Ray Apparatus and Tubes and Related Irradiation Apparatus
339114	Dental Equipment and Supplies Mfg	3845	Electromedical and Electrotherapeutic Apparatus
339115	Ophthalmic Goods Mfg	3851	Ophthalmic Goods
339116	Dental Laboratories	5047	Medical, Dental, and Hospital Equipment and Supplies
423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	8072	Dental Laboratories

Source: US Census Bureau

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## Resources

### The Freedonia Group

#### Freedonia Industry Studies

*Medical Implants in the US*, November 2016  
*World Medical Disposables*, August 2016  
*Medical & Dental Adhesives & Sealants*, March 2016  
*Disposable Medical Supplies*, February 2016

#### Freedonia Focus Reports

*Analytical Instruments: United States*  
*Cardiac Implants: United States*  
*Deathcare: United States*  
*Healthcare: United States*  
*Healthcare Insurance: United States*  
*Insurance: United States*  
*Laundry & Linen Services: United States*  
*Medical Implants: United States*  
*Medical Services: United States*  
*Orthopedic Implants: United States*  
*Pharmaceuticals: United States*  
*World Electronic Medical Records*

#### Freedonia Custom Research

### Trade Publications

*Axis Imaging News*  
*Health Affairs*  
*Health Imaging*  
*HME News*  
*MassDevice*  
*Medical Design Technology*  
*Medical Device & Diagnostic Industry*  
*Medical Electronics Design*  
*Modern Healthcare*  
*Radiology Today*

### Agencies & Associations

Advanced Medical Technology Association  
American Association for Homecare  
Association for the Advancement of Medical Instrumentation

## About This Report

Bureau of Economic Analysis  
Bureau of Labor Statistics  
Medical Device Manufacturers Association  
United States Census Bureau  
United States Department of Health & Human Services  
Centers for Disease Control & Prevention  
Centers for Medicare & Medicaid Services  
DMEPOS Competitive Bidding Program  
National Institutes of Health  
ClinicalTrials.gov  
United States Food and Drug Administration  
United States Department of Veterans Affairs  
United States International Trade Commission