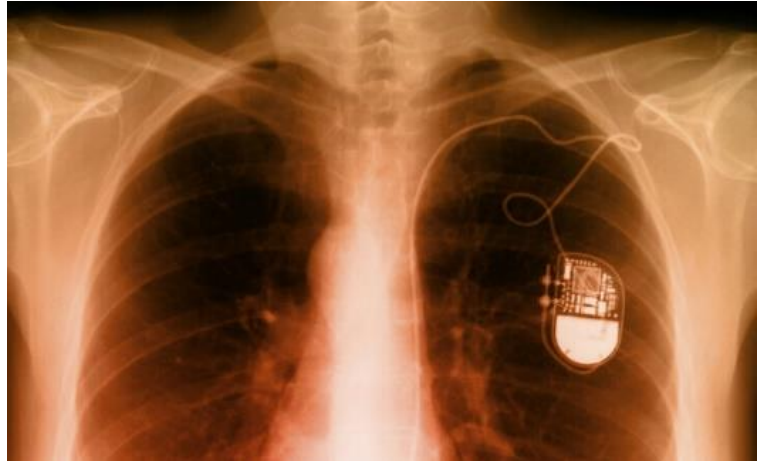
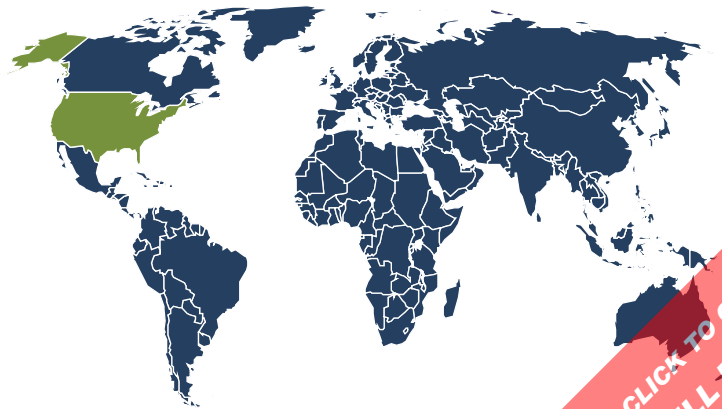


Freedonia Focus Reports  
US Collection



# Medical Implants: United States

November 2016



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Trade | Regulatory Factors

### Segmentation and Forecasts

Products

### Industry Structure

Industry Composition and Characteristics | Companies Cited

### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US medical implant demand and shipments in US dollars at the manufacturers' level to 2020. Total demand is segmented by product in terms of:

- reconstructive joint replacements
- spinal implants
- trauma implants
- orthobiologics
- dental implants
- pacing devices
- cardiac stents and related implants
- structural cardiac implants
- other products such as neurological stimulators, implantable contraceptives, and cochlear devices.

To illustrate historical trends, total demand is provided in an annual series from 2005 to 2015; shipments and the various segments are reported at five-year intervals for 2010 and 2015.

This report quantifies trends in various measures of growth. 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. 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 at five-year intervals with CAGRs for the years corresponding to other reported figures. 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 Implants: United States* (FF40032) is based on [Medical Implants in the US, 6<sup>th</sup> Edition](#), a comprehensive industry study published by The Freedonia Group in November 2016. 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	
339113	Surgical Appliance & Supplies Mfg	3842	Orthopedic, Prosthetic & Surgical Appliances & Supplies

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## Table of Contents

Section	Page
About This Report .....	i
Highlights.....	1
Market Environment .....	2
Historical Trends .....	2
Chart 1   US Medical Implant Demand Trends, 2005-2015 (US\$ mil) .....	3
Key Economic Indicators .....	4
Table 1   Key Indicators for US Medical Implant Demand; 2010, 2015, 2020 .....	4
Trade.....	5
Chart 2   US Medical Implant Trade; 2005, 2010, 2015 (US\$ mil) .....	5
Regulatory Factors.....	7
Segmentation & Forecasts.....	9
Products .....	9
Chart 3   US Medical Implant Demand by Product; 2010, 2015, 2020 (US\$ mil) .....	9
Reconstructive Joint Replacements .....	9
Chart 4   US Medical Implant Shipments; 2010, 2015, 2020 (US\$ mil) .....	11
Spinal Implants .....	11
Trauma Implants.....	12
Orthobiologics.....	13
Dental Implants.....	14
Pacing Devices.....	15
Cardiac Stents & Related Implants.....	16
Structural Cardiac Implants .....	16
Other Products.....	17
Chart 5   US Medical Implant Demand by Product Share; 2010, 2015, 2020 (%) .....	18
Industry Structure .....	20
Industry Composition & Characteristics .....	20
Chart 6   US Medical Implant Market Share by Supplier, 2015.....	21
Market Share .....	21
Companies Cited .....	26
Resources .....	27

To return here, click on any Freedonia logo or the Table of Contents link in report footers.  
 PDF bookmarks are also available for navigation.

## RESOURCES

### The Freedonia Group

[www.freedoniagroup.com](http://www.freedoniagroup.com)

<i>3465 Medical Implants in the US, 6<sup>th</sup> Edition</i> , November 2016	<a href="#">see study contents</a>
Related Industry Studies	
<i>3446 World Medical Disposables</i> , August 2016	<a href="#">see study contents</a>
<i>3421 In Vitro Diagnostic (IVD) Packaging</i> , June 2016	<a href="#">see study contents</a>
<i>3403 Infection Prevention Products &amp; Services</i> , April 2016	<a href="#">see study contents</a>
<i>3378 Disposable Medical Supplies</i> , February 2016	<a href="#">see study contents</a>
<i>3359 Dental Products &amp; Materials</i> , January 2016	<a href="#">see study contents</a>
<i>3354 Drug Delivery Products</i> , December 2015	<a href="#">see study contents</a>
Related Focus Reports	
<i>Healthcare Insurance: United States</i>	<a href="#">see report contents</a>
<i>Healthcare: United States</i>	<a href="#">see report contents</a>
<i>Medical Equipment &amp; Supplies: United States</i>	<a href="#">see report contents</a>
<i>Nutritional Supplements: United States</i>	<a href="#">see report contents</a>
<i>Pharmaceuticals: United States</i>	<a href="#">see report contents</a>
<i>World Medical Disposables</i>	<a href="#">see report contents</a>
<i>World Vaccines</i>	<a href="#">see report contents</a>
Freedonia Custom Research	<a href="#">see capabilities</a>

### Trade Publications

<i>Drug Development &amp; Delivery</i>	<a href="http://www.drug-dev.com">www.drug-dev.com</a>
<i>Drug Topics</i>	<a href="http://drugtopics.modernmedicine.com">http://drugtopics.modernmedicine.com</a>
<i>FierceBiotech</i>	<a href="http://www.fiercebiotech.com">www.fiercebiotech.com</a>
<i>Medical Design Technology</i>	<a href="http://www.mdtmag.com">www.mdtmag.com</a>
<i>Medical Device &amp; Diagnostic Industry</i>	<a href="http://www.mddionline.com">www.mddionline.com</a>
<i>Medical Product Manufacturing News</i>	<a href="http://www.qmed.com/mpmn">www.qmed.com/mpmn</a>
<i>Qmed Daily</i>	<a href="http://www.qmed.com">www.qmed.com</a>
<i>Surgical Products</i>	<a href="http://www.surgicalproductsmag.com">www.surgicalproductsmag.com</a>

### Agencies & Associations

Advanced Medical Technology Association	<a href="http://www.advamed.org">www.advamed.org</a>
Association for the Advancement of Medical Instrumentation	<a href="http://www.aami.org">www.aami.org</a>
Medical Device Manufacturers Association	<a href="http://www.medicaldevices.org">www.medicaldevices.org</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States Department of Health & Human Services	<a href="http://www.hhs.gov">www.hhs.gov</a>
Centers for Disease Control and Prevention	<a href="http://www.cdc.gov">www.cdc.gov</a>
Centers for Medicare & Medicaid Services	<a href="http://www.medicare.gov">www.medicare.gov</a>
United States Food and Drug Administration	<a href="http://www.fda.gov">www.fda.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>

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