

Coronary Stents Market Size, Share & Trends Analysis Report By Product (Bare Metal Stents, Drug Eluting Stents, Bioresorbable Vascular Scaffold), By Region, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/C8A1B7A086DEN.html>

Date: June 2022

Pages: 110

Price: US\$ 5,950.00 (Single User License)

ID: C8A1B7A086DEN

Abstracts

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Coronary Stents Market Growth & Trends

The global coronary stents market size is expected to reach USD 12.1 billion by 2030, according to a new report by Grand View Research, Inc. The market is expected to expand at a CAGR of 3.3% from 2022 to 2030. Increasing adoption of minimally invasive surgeries and Percutaneous Coronary Intervention (PCI) procedures is expected to drive the market in the coming years. For instance, according to The Korean Journal of Thoracic and Cardiovascular Surgery, the proportion of PCI for Coronary Artery Disease (CAD) was 78% in 2016, and the country-specific PCI proportion was 96%, which was significantly higher than the global average. As a result, the unprecedented growth in CAD incidence, along with an increase in the proportion of PCIs done in these CAD patients, is expected to raise demand for an effective coronary stent technology.

Technological advancement and the launch of 2nd generation drug eluting stents is further fueling the growth. For instance, Abbott Laboratories Laboratories' XIENCE Sierra became the first DES approved for CTO indications in the US in May 2018. Medtronic followed suit in early 2019, obtaining FDA approval for the use of its Resolute range of DES in CTO indications. In addition, many companies have recently launched newer versions of their coronary stent systems in the US, notably Boston Scientific's Synergy Megatron in January 2021 and Abbott Laboratories Laboratories' XIENCE

Skypoint in June 2021.

The global COVID-19 pandemic has had a negative impact on the market for coronary stents. According to guidelines from physician societies throughout the world, procedure deferrals primarily impacted less urgent or elective procedures for eligible patients. ACC's ((American College of Cardiology) 2020 guidance, for instance, recommended postponing non-urgent procedures like CTO interventions and surveillance angiography during the peak of the COVID-19 pandemic. These guidelines have influenced physicians' treatment decisions all throughout the world. Additionally, according to the European Society of Cardiology recommendations, all emergency and urgent PCI procedures (treatment of STEMI, high or intermediate risk NSTEMI, cardiogenic shock, and unstable angina) should be continued during the peak of the pandemic and in the subsequent resurgence of COVID-19, while only elective PCI procedures (CTO interventions or treatment of NYHA II symptoms) should be deferred.

Moreover, recovery of the coronary stent market from the COVID-19 pandemic is anticipated to be aided by the continuous performance of urgent PCI procedures and an increase in capacity utilization for performing non-elective procedures.

The coronary stent market is driven by reimbursement coverage provided by the general public Center for Medicare & Medicaid Services (CMS) and private payers. The coverage is availed under national coverage determination for carotid artery stenting, including products and service providers. From January 2020, the Centers for Medicare & Medicaid Services (CMS) proposed reimbursement for some angioplasty and stenting procedures performed in the ambulatory surgical centers (ASC), which is expected to boost the market revenue over the forecast period.

Coronary Stents Market Report Highlights

Overall PCI procedure volumes treated with coronary stent devices will rise as the aging population and the PCI-eligible patient population grows, owing to new technologies and increased ability to treat severe lesions

Prices for the first-generation BVS (Bioresorbable Vascular Scaffold) are much high as compared to existing BMS (Bare Metal Stent) and DES (Drug Eluting Stents). Due to its safety concern and high hospitalization rates, doctors are not preferring BRS over DES

Favorable clinical trials have demonstrated that DES is better than standard

BMS. As a result, in 2021, DES has dominated the market

Over the forecast period, Asia Pacific is expected to see the highest growth. The market will further increase in the coming years as disposable income rises and the prevalence of heart disease rises

Furthermore, in cost-constrained nations like India and China, growing government investment in healthcare and new attempts to bring in equipment at cheap rates are also influencing this market

In June 2020, SMT received nationwide reimbursement for Supraflex Cruz Heart Stent in France to treat individuals with coronary heart disorder

Contents

CHAPTER 1 RESEARCH METHODOLOGY

- 1.1 Research Methodology
- 1.2 Information Procurement
 - 1.2.1 Purchased Database:
 - 1.2.2 Gvr's Internal Database
 - 1.2.3 Secondary Sources
 - 1.2.4 Primary Research:
 - 1.2.5 Details Of Primary Research
- 1.3 Information or Data Analysis
 - 1.3.1 Data Analysis Models
- 1.4 Market Formulationv & Validation
- 1.5 Model Details
 - 1.5.1 Commodity Workflow Analysis (Model 1)
- 1.6 List of Secondary Sources
- 1.7 List of Primary Sources
- 1.8 Abbreviations
- 1.9 Report Objectives

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot

CHAPTER 3 INDUSTRY OUTLOOK

- 3.1 Market Segmentation
- 3.2 Market Lineage Outlook
 - 3.2.1 Parent Market Analysis
 - 3.2.2 Ancillary Market Analysis
- 3.3 Market Variable Analysis
 - 3.3.1 Market Driver Analysis
 - 3.3.1.1 Rising Burden Of Cardiovascular Diseases (Cvds)
 - 3.3.1.2 Government Initiatives To Reduce Cost Of Coronary Stents
 - 3.3.1.3 Advancements In Stenting Technologies
 - 3.3.2 Market Restraint Analysis
 - 3.3.2.1 Stringent Regulation And Approval
 - 3.3.2.2 Product Recall And Failure

- 3.3.3 Industry Challenges
 - 3.3.3.1 Risk Associated With Coronary stent post procedure
- 3.4 Penetration & Growth Prospect Mapping
- 3.5 User Perspective Analysis
 - 3.5.1 Consumer Behavior Analysis
 - 3.5.2 Market Influencer Analysis
- 3.6 Pricing Analysis
- 3.7 Technology Overview
- 3.8 Regulatory Framework
 - 3.8.1 Regulatory Landscape
 - 3.8.2 Reimbursement Framework
 - 3.8.2.1 Cpt Coding Implications
 - 3.8.2.2 Hcpcs Coding Implications
 - 3.8.3 Cms New Reimbursement Policy For Pci
- 3.9 Product Pipeline/Clinical Trial Analysis
- 3.10 R&D Expenditure Analysis
- 3.11 Estimated R&D Expenditure On Various Types Of Stents (2014 - 2019)
- 3.12 Product Recalls
- 3.13 Business Environment Analysis tools
 - 3.13.1 Swot Analysis, By Pest
 - 3.13.2 Porter's Five Forces Analysis

CHAPTER 4 CORONARY STENTS MARKET: COMPETITIVE ANALYSIS

- 4.1 Market Participation Categorization
- 4.2 Competitive Dashboard Analysis
- 4.3 Innovators
- 4.4 Recent Innovations
- 4.5 Public Companies
 - 4.5.1 Company Market Share Analysis
 - 4.5.2 Company Market Position Analysis
 - 4.5.3 Heat Map Analysis
- 4.6 Vendor Landscape
 - 4.6.1 List Of Coronary Stent Providers

CHAPTER 5 PRODUCT SEGMENT ANALYSIS

- 5.1 Coronary Stents Market: Product Movement Analysis
- 5.2 Bare Metal Stents

5.2.1 Bare Metal Stents Market, 2017 - 2030 (USD Million)

5.3 Drug Eluting Stents

5.3.1 Drug Eluting Stents Market, 2017 - 2030 (USD Million)

5.3.2 Biodegradable Drug Eluting Stents

5.3.2.1 Biodegradable Drug Eluting Stents Market, 2017 - 2030 (USD Million)

5.3.3 Non-Biodegradable Drug Eluting Stents

5.3.3.1 Non-Biodegradable Drug Eluting Stents Market, 2017 - 2030 (USD Million)

5.4 Bioresorbable Vascular Scaffolds

5.4.1 Bioresorbable Vascular Scaffolds Market, 2017 - 2030 (USD Million)

CHAPTER 6 CORONARY STENTS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS, BY PRODUCT

6.1 Coronary Stents Market Share By Region, 2019 & 2027

6.2 North America

6.2.1 North America Coronary Stents Market, 2017 - 2030 (USD Million)

6.2.2 U.S.

6.2.2.1 U.S. Coronary Stents market, 2017 - 2030 (USD Million)

6.2.3 Canada

6.2.3.1 Canada Coronary Stents market, 2017 - 2030 (USD Million)

6.3 Europe

6.3.1 Europe Coronary Stents Market, 2017 - 2030 (USD Million)

6.3.2 U.K.

6.3.2.1 U.K. coronary stents market, 2017 - 2030 (USD Million)

6.3.3 Germany

6.3.3.1 Germany coronary stents market, 2017 - 2030 (USD Million)

6.3.4 France

6.3.4.1 France coronary stents market, 2017 - 2030 (USD Million)

6.3.5 Italy

6.3.5.1 Italy coronary stents market, 2017 - 2030 (USD Million)

6.3.6 Spain

6.3.6.1 Spain coronary stents market, 2017 - 2030 (USD Million)

6.4 Asia Pacific

6.4.1 Asia Pacific Coronary Stents Market, 2017 - 2030 (USD Million)

6.4.2 Japan

6.4.2.1 Japan coronary stents market, 2017 - 2030 (USD Million)

6.4.3 China

6.4.3.1 China coronary stents market, 2017 - 2030 (USD Million)

6.4.4 India

6.4.4.1 INDIA coronary stents market, 2017 - 2030 (USD Million)

6.4.5 South Korea

6.4.5.1 South Korea coronary stents market, 2017 - 2030 (USD Million)

6.4.6 Australia

6.4.6.1 Australia coronary stents market, 2017 - 2030 (USD Million)

6.5 Latin America

6.5.1 Latin America Coronary Stents Market, 2017 - 2030 (USD Million)

6.5.2 Brazil

6.5.2.1 Brazil coronary stents market, 2017 - 2030 (USD Million)

6.5.3 Mexico

6.5.3.1 Mexico coronary stents market, 2017 - 2030 (USD Million)

6.5.4 Argentina

6.5.4.1 Argentina coronary stents market, 2017 - 2030 (USD Million)

6.6 MEA

6.6.1 MEA Coronary Stents market, 2017 - 2030 (USD Million)

6.6.2 South Africa

6.6.2.1 South Africa coronary stents market, 2017 - 2030 (USD Million)

6.6.3 Saudi Arabia

6.6.3.1 Saudi Arabia coronary stents market, 2017 - 2030 (USD Million)

6.6.4 UAE

6.6.4.1 UAE coronary stents market, 2017 - 2030 (USD Million)

CHAPTER 7 COMPANY PROFILES

7.1 Abbott Laboratories

7.1.1 Company Overview

7.1.2 Financial Performance

7.1.3 Product Benchmarking

7.1.4 Strategic Initiatives

7.2 Medtronic

7.2.1 Company Overview

7.2.2 Financial Performance

7.2.3 Product Benchmarking

7.2.4 Strategic Initiatives

7.3 Boston Scientific Corporation

7.3.1 Company Overview

7.3.2 Financial Performance

7.3.3 Product Benchmarking

7.3.4 Strategic Initiatives

7.4 Terumo Corporation

- 7.4.1 Company Overview
- 7.4.2 Financial Performance
- 7.4.3 Product Benchmarking
- 7.4.4 Strategic Initiatives

7.5 B Braun Melsungen Ag

- 7.5.1 Company Overview
- 7.5.2 Financial Performance
- 7.5.3 Product Benchmarking
- 7.5.4 Strategic Initiatives

7.6 Biotronik

- 7.6.1 Company Overview
- 7.6.2 Financial Performance
- 7.6.3 Product Benchmarking
- 7.6.4 Strategic Initiatives

7.7 Stentys Sa

- 7.7.1 Company Overview
- 7.7.2 Financial Performance
- 7.7.3 Product Benchmarking
- 7.7.4 Strategic Initiatives

7.8 Microport Scientific Corporation

- 7.8.1 Company Overview
- 7.8.2 Financial Performance
- 7.8.3 Product Benchmarking
- 7.8.4 Strategic Initiatives

7.9 C. R. Bard, Inc.

- 7.9.1 Company Overview
- 7.9.2 Financial Performance
- 7.9.3 Product Benchmarking
- 7.9.4 Strategic Initiatives

7.10 Cook Medical

- 7.10.1 Company Overview
- 7.10.2 Product Benchmarking
- 7.10.3 Strategic Initiatives

List Of Tables

LIST OF TABLES

Table 1 List of secondary sources

Table 2 List of abbreviation

Table 3 CPT Coding

Table 4 HCPCS Coding

Table 5 CMS new reimbursement coding for PCI

Table 6 Product pipeline/clinical stage

Table 7 R&D expenditure analysis of public companies (2018)

Table 8 Leading market players anticipated to witness highest growth

Table 9 List of coronary stents service providers

Table 10 Leading cause of death in elderly population in the U.S. in 2019

Table 11 North America Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 12 U.S. Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 13 Canada Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 14 Europe Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 15 U.K. Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 16 Germany Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 17 France Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 18 Italy Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 19 Spain Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 20 Asia Pacific Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 21 Japan Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 22 China Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 23 India Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 24 South Korea Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 25 Australia Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 26 Latin America Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 27 Brazil Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 28 Mexico Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 29 Argentina Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 30 MEA Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 31 South Africa Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 32 Saudi Arabia Coronary Stents market, by product, 2017 - 2030 (USD Million)

Table 33 UAE Coronary Stents market, by product, 2017 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Data triangulation techniques
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 Value-chain-based sizing & forecasting
- Fig. 6 QFD modeling for market share assessment
- Fig. 7 Market formulation & validation
- Fig. 8 Commodity workflow analysis
- Fig. 9 Market summary
- Fig. 10 Coronary Stents market segmentation
- Fig. 11 Parent Market Analysis
- Fig. 12 Ancillary Market Analysis
- Fig. 13 Market driver relevance analysis (Current & future impact)
- Fig. 14 Incidence of CVDs in the U.S. in 2019
- Fig. 15 Stent type and volume after price reduction in 2018
- Fig. 16 Market restraint relevance analysis (Current & future impact)
- Fig. 17 Penetration & growth prospect mapping
- Fig. 18 Consumer behavior analysis
- Fig. 19 Market influencer analysis
- Fig. 20 Coronary Stents technology timeline
- Fig. 21 R&D expenditure analysis (2014 - 2019)
- Fig. 22 SWOT analysis, by PEST
- Fig. 23 Porter's Five Forces Analysis
- Fig. 24 Market participant categorization
- Fig. 25 Competitive dashboard analysis
- Fig. 26 Company market share analysis
- Fig. 27 Company market position analysis
- Fig. 28 Heat map analysis
- Fig. 29 Coronary stents market product outlook: Key takeaways
- Fig. 30 Coronary stents market: Product movement analysis
- Fig. 31 Bare Metal Stents market, 2017 - 2030 (USD Million)
- Fig. 32 Drug eluting stents market, 2017 - 2030 (USD Million)
- Fig. 33 Biodegradable drug eluting stents market, 2017 - 2030 (USD Million)
- Fig. 34 Non-biodegradable drug eluting stents market, 2017 - 2030 (USD Million)
- Fig. 35 Bioresorbable vascular scaffolds market, 2017 - 2030 (USD Million)

- Fig. 36 Regional marketplace: Key takeaways
- Fig. 37 Regional Outlook, 2019 & 2027
- Fig. 38 North America coronary stents market, 2017 - 2030 (USD Million)
- Fig. 39 U.S. coronary stents market, 2017 - 2030 (USD Million)
- Fig. 40 Canada Coronary Stents market, 2017 - 2030 (USD Million)
- Fig. 41 Europe Coronary Stents market, 2017 - 2030 (USD Million)
- Fig. 42 U.K. coronary stents market, 2017 - 2030 (USD Million)
- Fig. 43 Germany coronary stents market, 2017 - 2030 (USD Million)
- Fig. 44 France coronary stents market, 2017 - 2030 (USD Million)
- Fig. 45 Number of individuals suffering from heart disease, 2010 - 2017
- Fig. 46 Italy coronary stents market, 2017 - 2030 (USD Million)
- Fig. 47 Spain coronary stents market, 2017 - 2030 (USD Million)
- Fig. 48 Asia Pacific Coronary Stents market, 2017 - 2030 (USD Million)
- Fig. 49 Japan coronary stents market, 2017 - 2030 (USD Million)
- Fig. 50 China coronary stents market, 2017 - 2030 (USD Million)
- Fig. 51 India coronary stents market, 2017 - 2030 (USD Million)
- Fig. 52 South Korea coronary stents market, 2017 - 2030 (USD Million)
- Fig. 53 Australia coronary stents market, 2017 - 2030 (USD Million)
- Fig. 54 Latin America coronary stents market, 2017 - 2030 (USD Million)
- Fig. 55 Brazil coronary stents market, 2017 - 2030 (USD Million)
- Fig. 56 Mexico coronary stents market, 2017 - 2030 (USD Million)
- Fig. 57 Argentina coronary stents market, 2017 - 2030 (USD Million)
- Fig. 58 MEA coronary stents market, 2017 - 2030 (USD Million)
- Fig. 59 South Africa coronary stents market, 2017 - 2030 (USD Million)
- Fig. 60 Saudi Arabia coronary stents market, 2017 - 2030 (USD Million)
- Fig. 61 UAE coronary stents market, 2017 - 2030 (USD Million)

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