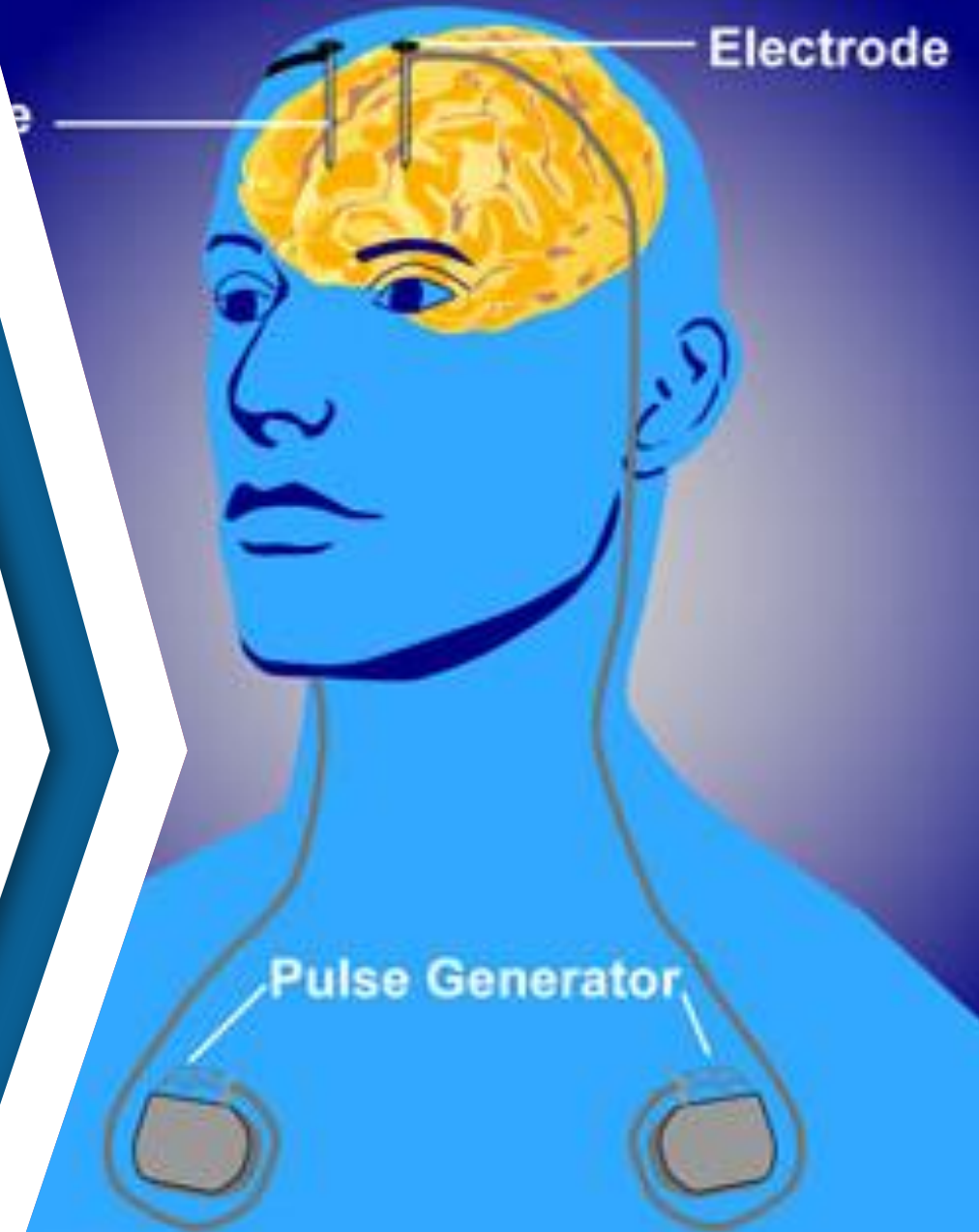


Global Deep Brain Stimulation Market: Analysis By Product (Dual Channel and Single Channel), By Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others), By End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2029

June 2024



Global Deep Brain Stimulation Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Deep Brain Stimulation Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Deep Brain Stimulation Market: Analysis By Product (Dual Channel and Single Channel), By Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others), By End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2029
Coverage	Global and Regional
Regional Coverage	North America (The US, Canada and Mexico), Europe (Germany, UK, France, Italy, Spain and Rest of Europe), Asia Pacific (China, India, Japan, South Korea and Rest of Asia Pacific)
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2024-2029
Competition in the Market	Consolidated
Key Players	Abbott, Medtronic Plc, Boston Scientific Corporation, Renishaw plc, Zimmer Biomet, Aleva Neurotherapeutics, Newronika, SceneRay Co., Ltd.

Global Deep Brain Stimulation Market: Coverage

Executive Summary

Deep brain stimulation (DBS) is a neurosurgical procedure that involves implanting electrodes and a neurostimulator in the brain to deliver electrical impulses to specific areas responsible for movement and other neurological functions. The procedure is designed to treat various movement disorders and neuropsychiatric conditions, such as Parkinson's disease, essential tremor, dystonia, obsessive-compulsive disorder, and epilepsy. The global deep brain stimulation market value stood at US\$1.31 billion in 2023 and is expected to reach US\$2.56 billion by 2029.

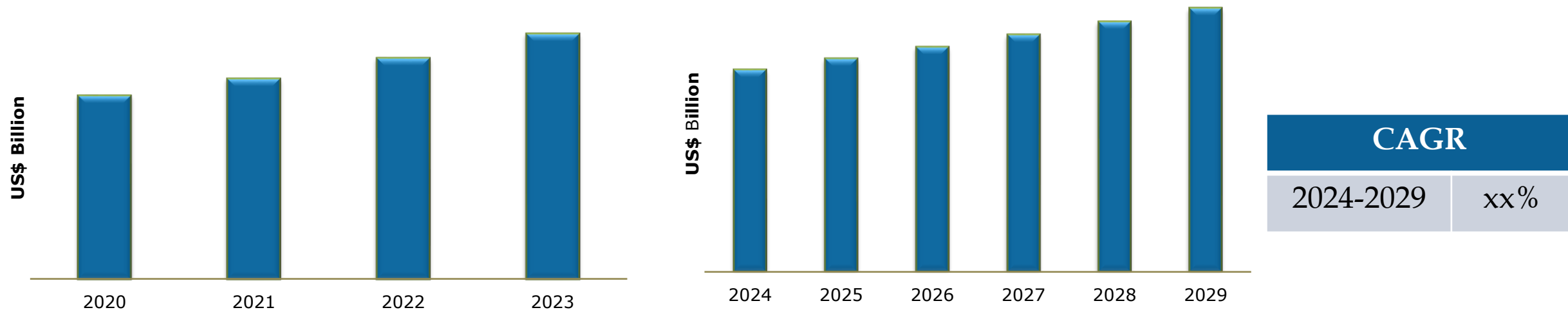
The global deep brain stimulation market can be segmented based on the product (dual channel and single channel), application (Parkinson's Disease, essential tremor, dystonia, epilepsy and others), and end use (hospitals, neurology clinics, ambulatory surgical clinics and research centers). In 2023, on the basis of product analysis, the dual channel segment held the largest share of the deep brain stimulation market based due to its ability to offer enhanced therapeutic benefits through precise and customizable stimulation patterns across multiple brain regions. Regionally, North America emerged as the dominant region for deep brain stimulation.

The COVID-19 pandemic initially disrupted the deep brain stimulation market, primarily due to disruptions in healthcare services and prioritization of COVID-19 patients. Elective procedures, including DBS surgeries for conditions like Parkinson's disease, were often postponed. Post-COVID, the market is experiencing growth as elective surgeries resume and deferred patients seek treatment.

The global deep brain stimulation market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2024-2029), the market would further augment at an escalating growth rate. The global deep brain stimulation market growth is predicted to be supported by numerous growth drivers such as rise in the geriatric population, increasing prevalence of neurological disorders, expanding indications for DBS, growing healthcare infrastructure, increasing demand for minimally invasive surgery, growing awareness and acceptance and regulatory approvals and funding, etc. Conversely, the market growth would be negatively impacted by various challenges such as side effects associated with DBS, high cost of treatment, etc. Moreover, the market growth would succeed in various market trends like telemedicine, automated deep brain stimulation, closed-loop brain stimulation, rechargeable devices with longer battery life, tapping into emerging markets, miniaturized DBS devices, etc.

Deep Brain Stimulation Market: Global Analysis

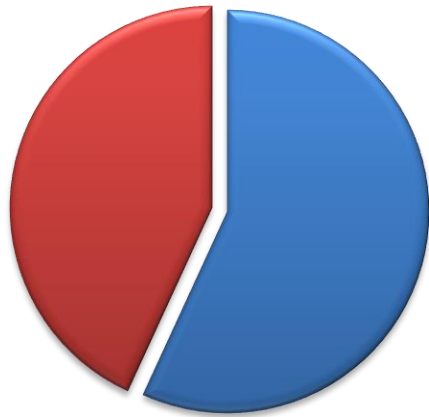
Global Deep Brain Stimulation Market by Value



Global deep brain stimulation market valued at US\$... billion in 2023, increased as compared to US\$... billion in 2022. Global deep brain stimulation market is anticipated to reach up to US\$... billion by 2029, at a CAGR of%, from US\$... billion in 2024.

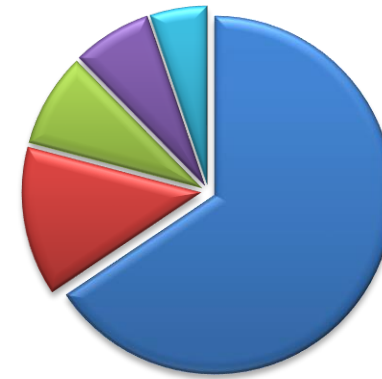
Deep Brain Stimulation Market: Global Analysis

Global Deep Brain Stimulation Market by Product; 2023



Product	Share
	(2023)
Dual Channel Stimulator	xx%
Single Channel Stimulator	xx%

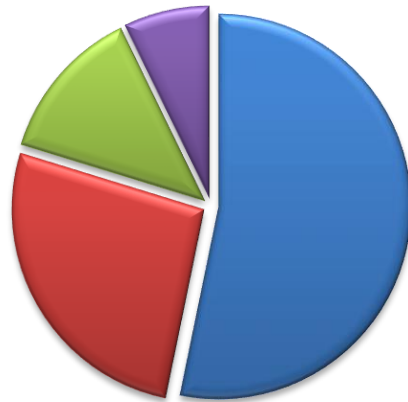
Global Deep Brain Stimulation Market by Application; 2023



Application	Share
	(2023)
Parkinson's Disease	xx%
Essential Tremor	xx%
Dystonia	xx%
Epilepsy	xx%
Others	xx%

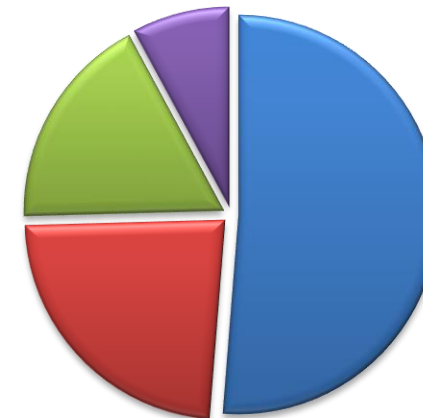
Deep Brain Stimulation Market: Global Analysis

Global Deep Brain Stimulation Market by End Use; 2023



End Use	Share
	(2023)
Hospitals	xx%
Neurology Clinics	xx%
Ambulatory Surgical Clinics	xx%
Research Centers	xx%

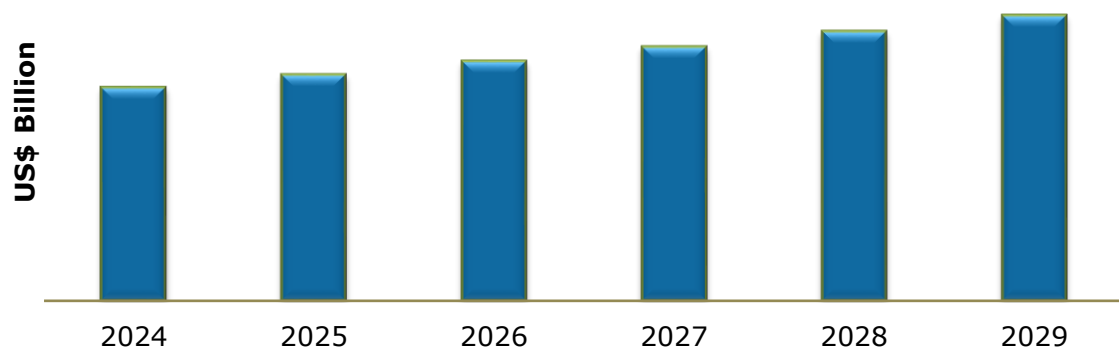
Global Deep Brain Stimulation Market by Region; 2023



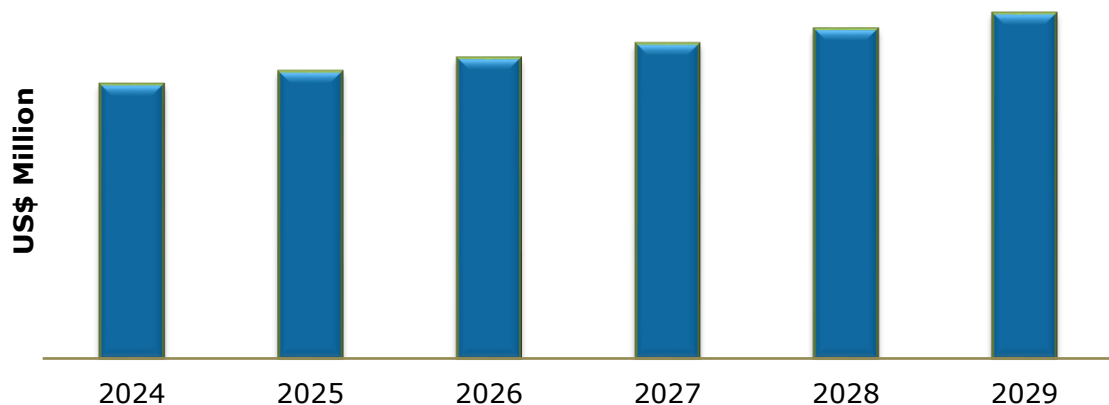
Region	Share
	(2023)
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

Global Deep Brain Stimulation Market: Product Analysis

Global Dual Channel Deep Brain Stimulation Market by Value



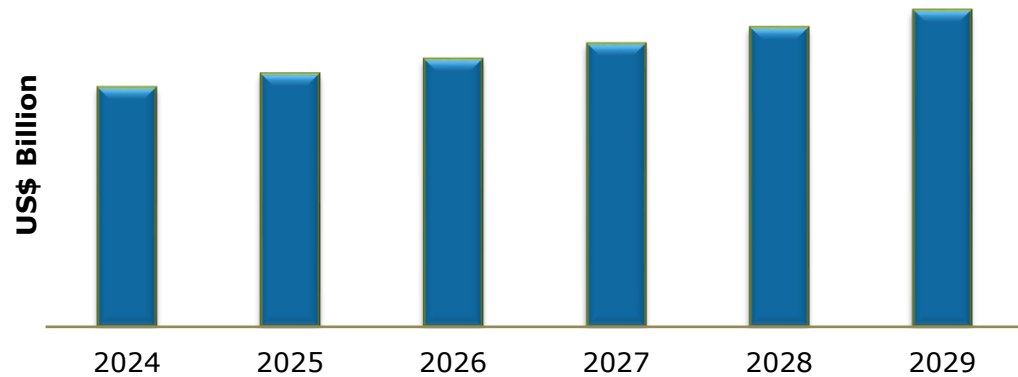
Global Single Channel Deep Brain Stimulation Market by Value



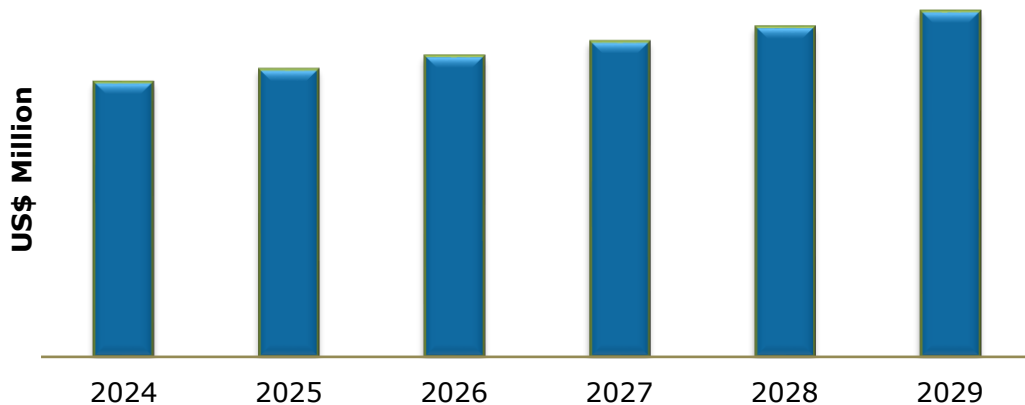
Product	CAGR (2024-29)
Dual Channel Stimulator	xx%
Single Channel Stimulator	xx%

Global Deep Brain Stimulation Market: Application Analysis

Global Parkinson's Disease Deep Brain Stimulation Market by Value



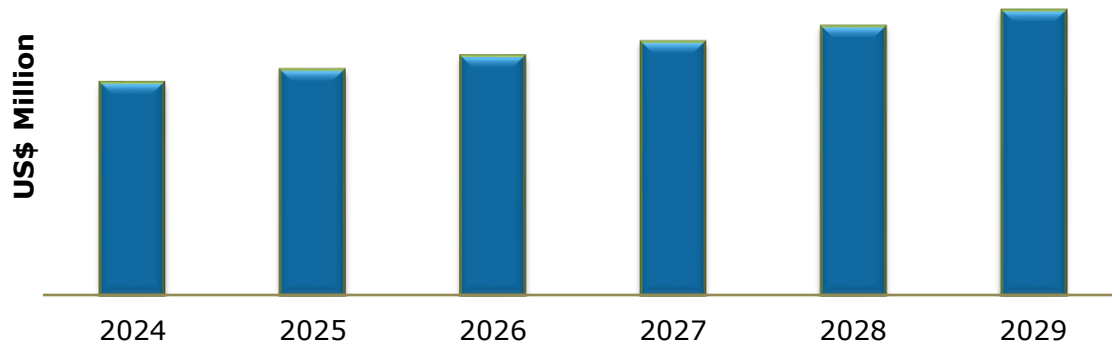
Global Epilepsy Deep Brain Stimulation Market by Value



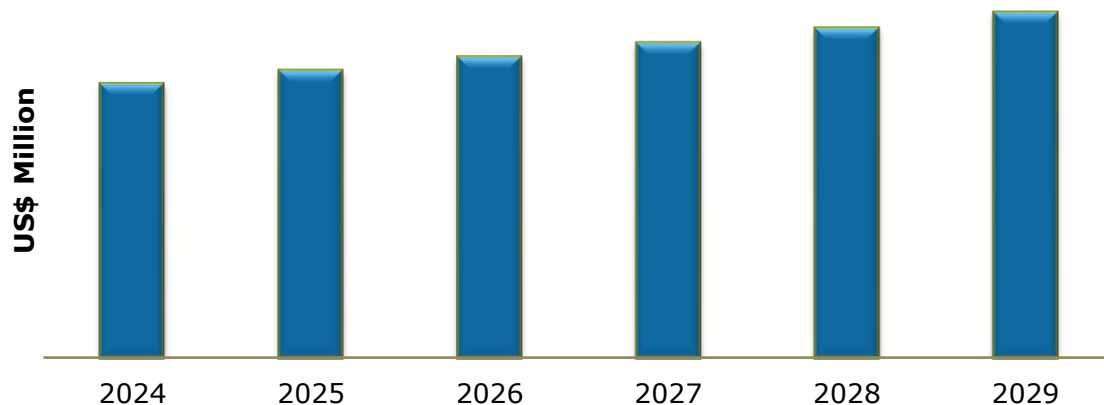
Application	CAGR
	(2024-29)
Parkinson's Disease	xx%
Essential Tremor	xx%
Dystonia	xx%
Epilepsy	xx%
Others	xx%

Global Deep Brain Stimulation Market: End Use Analysis

Global Hospitals Deep Brain Stimulation Market by Value



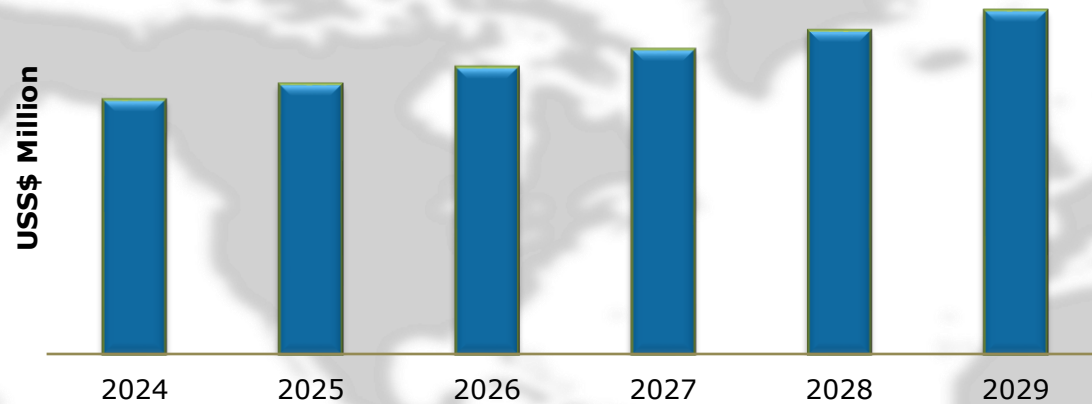
Global Neurology Clinics Deep Brain Stimulation Market by Value



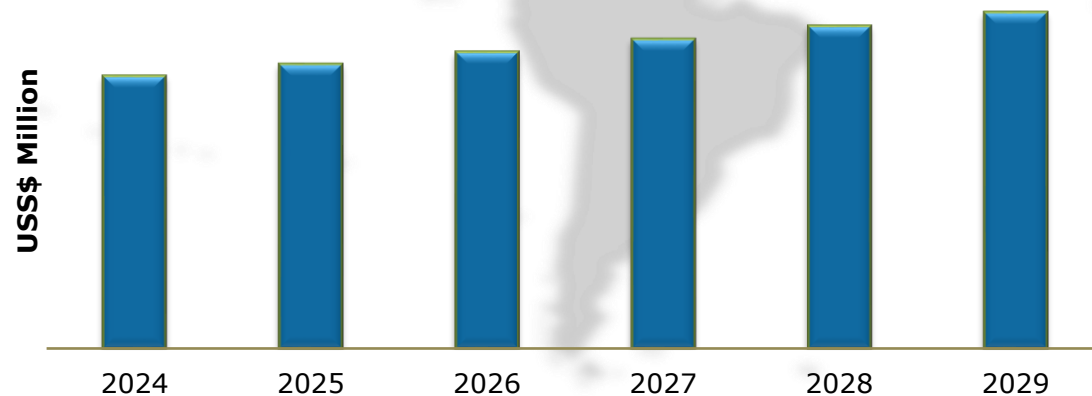
End Use	CAGR (2024-29)
Hospitals	xx%
Neurology Clinics	xx%
Ambulatory Surgical Clinics	xx%
Research Centers	xx%

Global Deep Brain Stimulation Market: Regional Analysis

North America Deep Brain Stimulation Market by Value



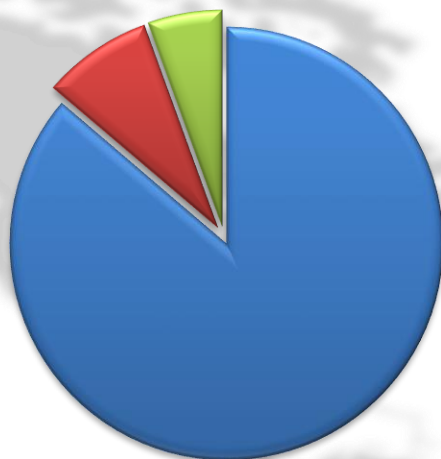
Asia Pacific Deep Brain Stimulation Market by Value



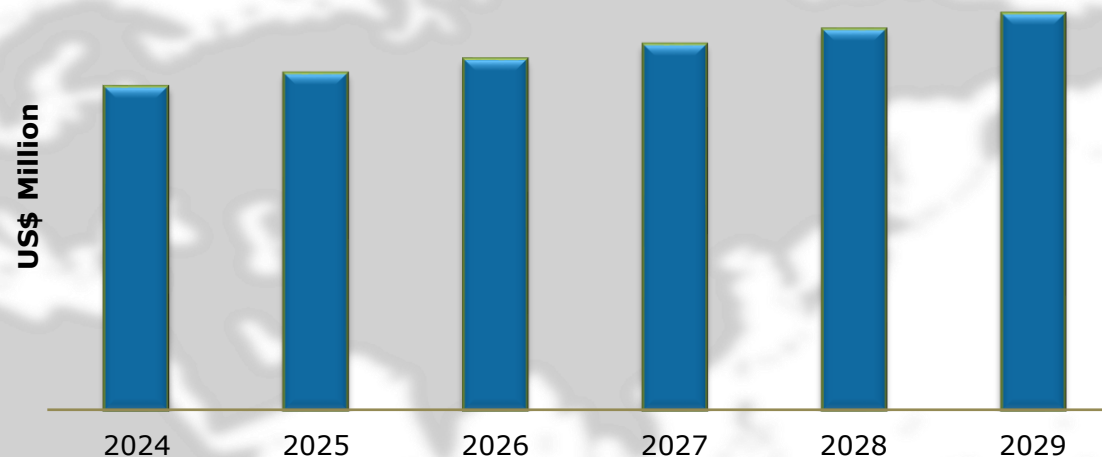
Region	CAGR
	(2024-29)
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

North America Deep Brain Stimulation Market: Analysis

North America Deep Brain Stimulation Market by Region;
2023



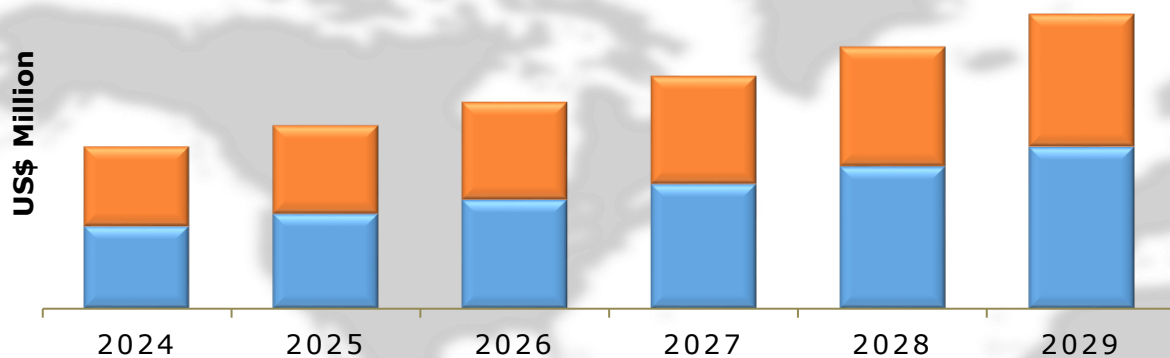
The US Deep Brain Stimulation Market by Value



Region	Share	CAGR
		(2024-29)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

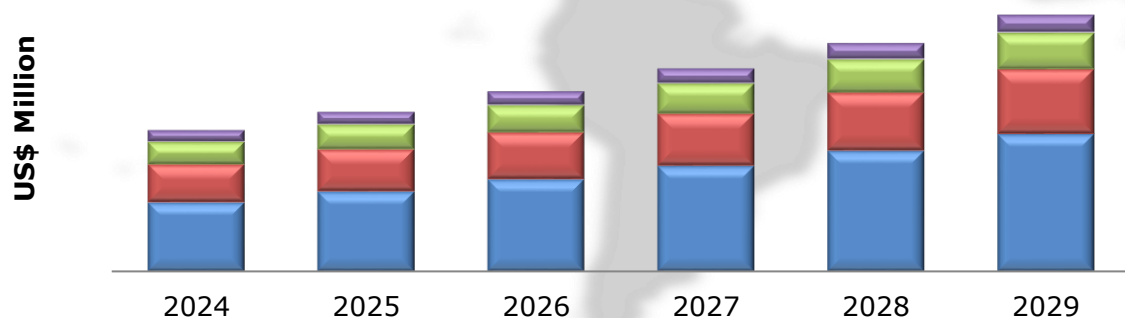
North America Deep Brain Stimulation Market: Analysis

North America Dual Channel and Single Channel Deep Brain Stimulation Market by Value



Product	CAGR
	(2024-29)
Dual Channel	xx%
Single Channel	xx%

North America Deep Brain Stimulation Market End Use by Value



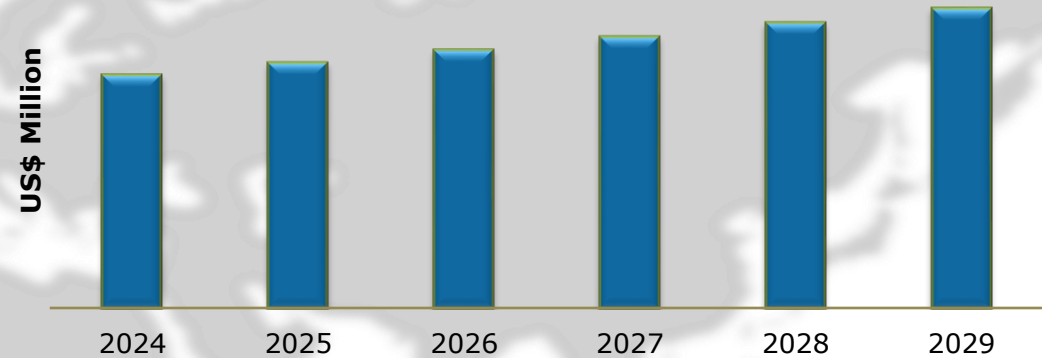
End Use	CAGR
	(2024-29)
Hospitals	xx%
Neurology Clinics	xx%
Ambulatory Surgical Clinics	xx%
Research Centers	xx%

Europe Deep Brain Stimulation Market: Analysis

Europe Deep Brain Stimulation Market by Region; 2023



France Deep Brain Stimulation Market by Value



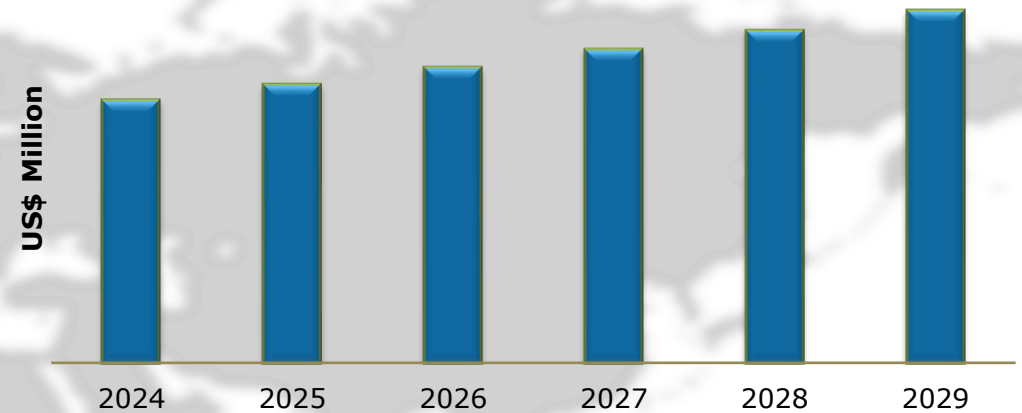
Region	Share	CAGR
		(2024-29)
Germany	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Italy	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

Asia Pacific Deep Brain Stimulation Market: Analysis

Asia Pacific Deep Brain Stimulation Market by Region; 2023

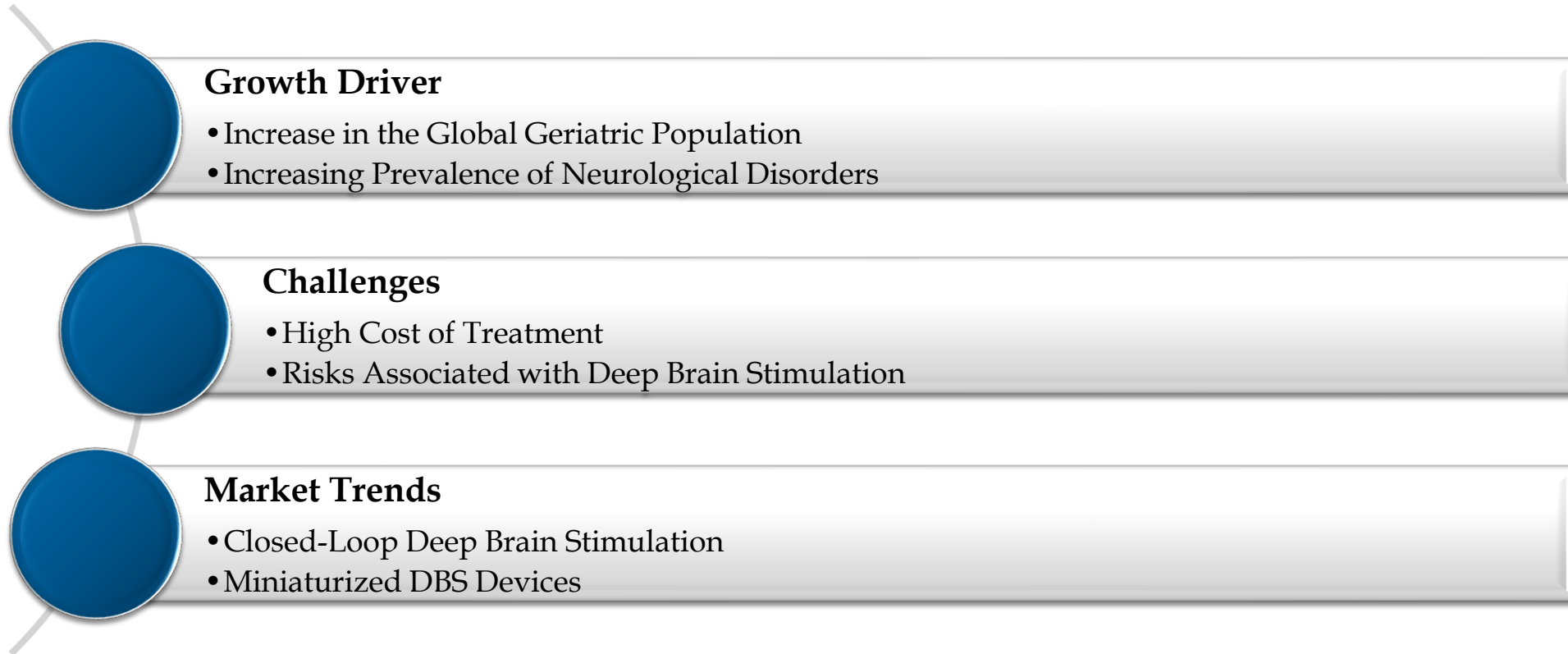


China Deep Brain Stimulation Market by Value



Region	Share	CAGR (2024-29)
China	xx%	xx%
India	xx%	xx%
Japan	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

Global Deep Brain Stimulation Market: Dynamics



Global Deep Brain Stimulation Market: Competitive Landscape

Players Profiled

- Abbott, Medtronic Plc
- Boston Scientific Corporation
- Renishaw plc
- Zimmer Biomet
- Aleva Neurotherapeutics
- Newronika
- SceneRay Co., Ltd.