

U.S. Peripheral Nerve Stimulators Market Size, Share & Trends Analysis Report By Product Type (Systems, Wearables/Accessories), By Modality (Rechargeable, Non-rechargeable), By Connectivity, By Application, By End Use, And Segment Forecasts, 2025 - 2033

<https://marketpublishers.com/r/U8BC66AEA939EN.html>

Date: October 2025

Pages: 300

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

ID: U8BC66AEA939EN

Abstracts

The U.S. peripheral nerve stimulators market size was estimated at USD 105.14 million in 2024 and is projected to reach USD 253.36 million by 2033, growing at a CAGR of 10.43% from 2025 to 2033. The U.S. peripheral nerve stimulators industry is primarily driven by the rising prevalence of chronic pain conditions and increasing demand for minimally invasive, targeted pain management therapies, and the growing shift toward non-opioid therapies.

Growing awareness among healthcare providers and patients about the effectiveness of peripheral nerve stimulation in improving quality of life is fueling adoption. Technological advancements, including implantable systems, wearable stimulators, and enhanced programmable features, further propel market growth. The expansion of outpatient and ambulatory surgery centers, favorable reimbursement policies, and an aging population with higher surgical volumes contribute to the sustained momentum of the market.

Rising prevalence of chronic diseases continues to drive growth in the U.S. peripheral nerve stimulators industry, as patients with conditions such as diabetes, obesity, hypertension, asthma, and chronic pain increasingly require targeted, long-term pain management solutions. Peripheral nerve stimulators offer minimally invasive options to alleviate pain associated with these illnesses, improving patient outcomes and quality of life.

For instance, in April 2025, Health System Tracker highlighted that the U.S. has a

higher rate of chronic diseases compared to peer nations, with over twice as many people affected by obesity and diabetes, 1.7 times more with asthma, and an overall higher burden of depression. This elevated prevalence of chronic conditions not only increases demand for advanced pain management therapies but also underscores the growing need for effective, clinically proven peripheral nerve stimulation solutions. According to the Pan American Health Organization's (PAHO) report, in July 2025, cardiovascular diseases led with 2.16 million deaths, followed by cancer (1.37 million), diabetes (over 420,000), and chronic respiratory conditions (more than 416,000). Suicide, the fourth leading cause of death among youth aged 15-29, claimed 100,760 lives.

U.S. Peripheral Nerve Stimulators Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. peripheral nerve stimulators market report based on product type, modality, connectivity, application, and end use:

Product Type Outlook (Revenue, USD Million, 2021 - 2033)

Systems

Implantable

Non-implantable

Handheld

Others

Wearables/Accessories

Modality Outlook (Revenue, USD Million, 2021 - 2033)

Rechargeable

Non-rechargeable

Connectivity Outlook (Revenue, USD Million, 2021 - 2033)

Wired

Wireless

Application Outlook (Revenue, USD Million, 2021 - 2033)

Diabetic Peripheral Neuropathy Pain

Chronic Musculoskeletal Pain

Complex Regional Pain Syndrome (CRPS)

Headache and Migraine Disorders

Others

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals and Clinics

Ambulatory Surgical Centers (ASCs)

Physiotherapy/Rehabilitation Centers

Others

This report can be delivered to the clients within 3 Business Days

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Segment Definitions
 - 1.2.1. Product Type
 - 1.2.2. Modality
 - 1.2.3. Connectivity
 - 1.2.4. Application
 - 1.2.5. End Use
- 1.3. Estimates and Forecast Timeline
- 1.4. Research Methodology
- 1.5. Information Procurement
 - 1.5.1. Purchased Database
 - 1.5.2. GVR's Internal Database
 - 1.5.3. Secondary Sources
 - 1.5.4. Primary Research
 - 1.5.5. Information Analysis
 - 1.5.6. Data Analysis Models
- 1.6. Market Formulation & Data Visualization
- 1.7. Model Details
 - 1.7.1. Commodity Flow Analysis
- 1.8. List of Secondary Sources
- 1.9. Objectives

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. U.S. PERIPHERAL NERVE STIMULATORS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Ancillary Market Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis

- 3.2.1.1. High and rising prevalence of chronic pain
- 3.2.1.2. Shift away from opioids toward non-opioid/interventional therapies
- 3.2.1.3. Evidence and real-world adoption showing clinical benefit
- 3.2.2. Market Restraint Analysis
 - 3.2.2.1. High device and procedure costs
 - 3.2.2.2. Technological limitations
- 3.2.3. Market Opportunities Analysis
 - 3.2.3.1. Outpatient centers and ambulatory surgery as key settings
 - 3.2.3.2. Aging population and comorbidities
- 3.2.4. Market Challenges Analysis
 - 3.2.4.1. Device-related risks and complications
 - 3.2.4.2. Intense market competition
- 3.3. U.S. Peripheral Nerve Stimulators Market Analysis Tools
 - 3.3.1. Industry Analysis - Porter's
 - 3.3.1.1. Bargaining power of suppliers
 - 3.3.1.2. Bargaining power of buyers
 - 3.3.1.3. Threat of substitutes
 - 3.3.1.4. Threat of new entrants
 - 3.3.1.5. Competitive rivalry
 - 3.3.2. PESTEL Analysis
 - 3.3.2.1. Political & Legal Landscape
 - 3.3.2.2. Economic and Social Landscape
 - 3.3.2.3. Technological landscape

CHAPTER 4. U.S. PERIPHERAL NERVE STIMULATORS MARKET: PRODUCT TYPE ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. U.S. Peripheral Nerve Stimulators Market Product Type Movement Analysis
- 4.3. U.S. Peripheral Nerve Stimulators Market Size & Trend Analysis, by Product Type, 2021 to 2033 (USD Million)
- 4.4. Systems
 - 4.4.1. Systems U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)
 - 4.4.1.1. Implantable U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)
 - 4.4.1.1.1. Handheld
 - 4.4.1.1.2. Others
 - 4.4.1.2. Non-implantable U.S. Peripheral Nerve Stimulators Market Revenue

Estimates and Forecasts, 2021 - 2033 (USD Million)

4.5. Wearables/Accessories

4.5.1. Wearables/Accessories U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

CHAPTER 5. U.S. PERIPHERAL NERVE STIMULATORS MARKET: MODALITY ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. U.S. Peripheral Nerve Stimulators Market Modality Movement Analysis

5.3. U.S. Peripheral Nerve Stimulators Market Size & Trend Analysis, by Modality, 2021 to 2033 (USD Million)

5.4. Rechargeable

5.4.1. Rechargeable U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

5.5. Non-rechargeable

5.5.1. Non-rechargeable U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

CHAPTER 6. U.S. PERIPHERAL NERVE STIMULATORS MARKET: CONNECTIVITY ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. U.S. Peripheral Nerve Stimulators Market Connectivity Movement Analysis

6.3. U.S. Peripheral Nerve Stimulators Market Size & Trend Analysis, by Connectivity, 2021 to 2033 (USD Million)

6.4. Wired

6.4.1. Wired U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

6.5. Wireless

6.5.1. Wireless U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

CHAPTER 7. U.S. PERIPHERAL NERVE STIMULATORS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

7.1. Segment Dashboard

7.2. U.S. Peripheral Nerve Stimulators Market Connectivity Movement Analysis

7.3. U.S. Peripheral Nerve Stimulators Market Size & Trend Analysis, by Connectivity,

2021 to 2033 (USD Million)

7.4. Diabetic Peripheral Neuropathy Pain

7.4.1. Diabetic Peripheral Neuropathy Pain U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

7.5. Chronic Musculoskeletal Pain

7.5.1. Chronic Musculoskeletal Pain U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

7.6. Complex Regional Pain Syndrome (CRPS)

7.6.1. Complex Regional Pain Syndrome (CRPS) U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

7.7. Headache and Migraine Disorders

7.7.1. Headache and Migraine Disorders U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

7.8. Others

7.8.1. Others U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

CHAPTER 8. U.S. PERIPHERAL NERVE STIMULATORS MARKET: END-USE ESTIMATES & TREND ANALYSIS

8.1. Segment Dashboard

8.2. U.S. Peripheral Nerve Stimulators Market End-Use Movement Analysis

8.3. U.S. Peripheral Nerve Stimulators Market Size & Trend Analysis, by End-Use, 2021 to 2033 (USD Million)

8.4. Hospitals and Clinics

8.4.1. Hospitals and Clinics U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

8.5. Ambulatory Surgical Centers (ASCs)

8.5.1. Ambulatory Surgical Centers (ASCs) U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

8.6. Physiotherapy/Rehabilitation Centers

8.6.1. Physiotherapy/Rehabilitation Centers U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

8.7. Others

8.7.1. Others U.S. Peripheral Nerve Stimulators Market Revenue Estimates and Forecasts, 2021 - 2033 (USD Million)

CHAPTER 9. COMPETITIVE LANDSCAPE

9.1. Market Participant Categorization

9.2. Key Company Profiles

9.2.1. B. Braun Medical Inc.

9.2.1.1. Company Overview

9.2.1.2. Financial Performance

9.2.1.3. Modality Benchmarking

9.2.1.4. Strategic Initiatives

9.2.2. Nalu Medical, Inc

9.2.2.1. Company Overview

9.2.2.2. Financial Performance

9.2.2.3. Modality Benchmarking

9.2.2.4. Strategic Initiatives

9.2.3. Curonix LLC.

9.2.3.1. Company Overview

9.2.3.2. Financial Performance

9.2.3.3. Modality Benchmarking

9.2.3.4. Strategic Initiatives

9.2.4. SPR

9.2.4.1. Company Overview

9.2.4.2. Financial Performance

9.2.4.3. Modality Benchmarking

9.2.4.4. Strategic Initiatives

9.2.5. Vygon

9.2.5.1. Company Overview

9.2.5.2. Financial Performance

9.2.5.3. Modality Benchmarking

9.2.5.4. Strategic Initiatives

9.2.6. AirLife

9.2.6.1. Company Overview

9.2.6.2. Financial Performance

9.2.6.3. Modality Benchmarking

9.2.6.4. Strategic Initiatives

9.2.7. Neuspera Medical

9.2.7.1. Company Overview

9.2.7.2. Financial Performance

9.2.7.3. Modality Benchmarking

9.2.7.4. Strategic Initiatives

9.2.8. Anesthesia Associates, Inc.

9.2.8.1. Company Overview

- 9.2.8.2. Financial Performance
- 9.2.8.3. Modality Benchmarking
- 9.2.8.4. Strategic Initiatives
- 9.2.9. AVNS
 - 9.2.9.1. Company Overview
 - 9.2.9.2. Financial Performance
 - 9.2.9.3. Modality Benchmarking
 - 9.2.9.4. Strategic Initiatives
- 9.2.10. Mercury Medical
 - 9.2.10.1. Company Overview
 - 9.2.10.2. Financial Performance
 - 9.2.10.3. Modality Benchmarking
 - 9.2.10.4. Strategic Initiatives
- 9.2.11. Medtronic
 - 9.2.11.1. Company Overview
 - 9.2.11.2. Financial Performance
 - 9.2.11.3. Modality Benchmarking
 - 9.2.11.4. Strategic Initiatives
- 9.2.12. Boston Scientific Corporation
 - 9.2.12.1. Company Overview
 - 9.2.12.2. Financial Performance
 - 9.2.12.3. Modality Benchmarking
 - 9.2.12.4. Strategic Initiatives
- 9.2.13. Abbott
 - 9.2.13.1. Company Overview
 - 9.2.13.2. Financial Performance
 - 9.2.13.3. Modality Benchmarking
 - 9.2.13.4. Strategic Initiatives
- 9.2.14. Bioventus
 - 9.2.14.1. Company Overview
 - 9.2.14.2. Financial Performance
 - 9.2.14.3. Modality Benchmarking
 - 9.2.14.4. Strategic Initiatives
- 9.2.15. Checkpoint Surgical Inc.
 - 9.2.15.1. Company Overview
 - 9.2.15.2. Financial Performance
 - 9.2.15.3. Modality Benchmarking
 - 9.2.15.4. Strategic Initiatives
- 9.2.16. Nervonik, Inc

- 9.2.16.1. Company Overview
- 9.2.16.2. Financial Performance
- 9.2.16.3. Modality Benchmarking
- 9.2.16.4. Strategic Initiatives
- 9.3. Company Market Share Analysis, 2024
- 9.4. List of Other Key Market Players

List Of Tables

LIST OF TABLES

Table 1 List of Secondary Sources

Table 2 List of Abbreviations

Table 3 U.S. Peripheral Nerve Stimulators Market, by Product Type, 2021 - 2033 (USD Million)

Table 4 U.S. Peripheral Nerve Stimulators Market, by Modality, 2021 - 2033 (USD Million)

Table 5 U.S. Peripheral Nerve Stimulators Market, by Connectivity, 2021 - 2033 (USD Million)

Table 6 U.S. Peripheral Nerve Stimulators Market, by Application, 2021 - 2033 (USD Million)

Table 7 U.S. Peripheral Nerve Stimulators Market, by End-Use, 2021 - 2033 (USD Million)

Table 8 Participant's Overview

Table 9 Financial Performance

Table 10 Modality Benchmarking

Table 11 Strategic Initiatives

List Of Figures

LIST OF FIGURES

- Fig. 1 Information Procurement
- Fig. 2 Primary Research Pattern
- Fig. 3 Market Research Approaches
- Fig. 4 Value Chain-Based Sizing & Forecasting
- Fig. 5 Market Formulation & Validation
- Fig. 6 U.S. Peripheral Nerve Stimulators Market, Market Segmentation
- Fig. 7 Market Driver Analysis (Current & Future Impact)
- Fig. 8 Market Restraint Analysis (Current & Future Impact)
- Fig. 9 Market Opportunity Analysis (Current & Future Impact)
- Fig. 10 SWOT Analysis, By Factor (Political & Legal, Economic and Technological)
- Fig. 11 Porter's Five Forces Analysis
- Fig. 12 Regional Marketplace: Key Takeaways
- Fig. 13 U.S. Peripheral Nerve Stimulators Market, for Product Type, 2021 - 2033 (USD Million)
- Fig. 14 U.S. Peripheral Nerve Stimulators Market, for Systems, 2021 - 2033 (USD Million)
- Fig. 15 U.S. Peripheral Nerve Stimulators Market, for Implantable, 2021 - 2033 (USD Million)
- Fig. 16 U.S. Peripheral Nerve Stimulators Market, for Non-Implantable, 2021 - 2033 (USD Million)
- Fig. 17 U.S. Peripheral Nerve Stimulators Market, for Handheld, 2021 - 2033 (USD Million)
- Fig. 18 U.S. Peripheral Nerve Stimulators Market, for Others, 2021 - 2033 (USD Million)
- Fig. 19 U.S. Peripheral Nerve Stimulators Market, for Wearables/Accessories, 2021 - 2033 (USD Million)
- Fig. 20 U.S. Peripheral Nerve Stimulators Market, for Rechargeable, 2021 - 2033 (USD Million)
- Fig. 21 U.S. Peripheral Nerve Stimulators Market, for Non-rechargeable, 2021 - 2033 (USD Million)
- Fig. 22 U.S. Peripheral Nerve Stimulators Market, for Connectivity, 2021 - 2033 (USD Million)
- Fig. 23 U.S. Peripheral Nerve Stimulators Market, for Wired, 2021 - 2033 (USD Million)
- Fig. 24 U.S. Peripheral Nerve Stimulators Market, for Wireless, 2021 - 2033 (USD Million)
- Fig. 25 U.S. Peripheral Nerve Stimulators Market, for Application, 2021 - 2033 (USD Million)

Million)

Fig. 26 U.S. Peripheral Nerve Stimulators Market, for Diabetic Peripheral Neuropathy Pain, 2021 - 2033 (USD Million)

Fig. 27 U.S. Peripheral Nerve Stimulators Market, for Chronic Musculoskeletal Pain, 2021 - 2033 (USD Million)

Fig. 28 U.S. Peripheral Nerve Stimulators Market, for Complex Regional Pain Syndrome (CRPS), 2021 - 2033 (USD Million)

Fig. 29 U.S. Peripheral Nerve Stimulators Market, for Headache and Migraine Disorders, 2021 - 2033 (USD Million)

Fig. 30 U.S. Peripheral Nerve Stimulators Market, for Others, 2021 - 2033 (USD Million)

Fig. 31 U.S. Peripheral Nerve Stimulators Market, for End Use, 2021 - 2033 (USD Million)

Fig. 32 U.S. Peripheral Nerve Stimulators Market, for Hospitals and Clinics, 2021 - 2033 (USD Million)

Fig. 33 U.S. Peripheral Nerve Stimulators Market, for Ambulatory Surgical Centers (ASCs), 2021 - 2033 (USD Million)

Fig. 34 U.S. Peripheral Nerve Stimulators Market, for Physiotherapy/Rehabilitation Centers, 2021 - 2033 (USD Million)

Fig. 35 U.S. Peripheral Nerve Stimulators Market, for Others, 2021 - 2033 (USD Million)

I would like to order

Product name: U.S. Peripheral Nerve Stimulators Market Size, Share & Trends Analysis Report By Product Type (Systems, Wearables/Accessories), By Modality (Rechargeable, Non-rechargeable), By Connectivity, By Application, By End Use, And Segment Forecasts, 2025 - 2033

Product link: <https://marketpublishers.com/r/U8BC66AEA939EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U8BC66AEA939EN.html>