

# 2017-2025 World Neurostimulation Devices Market Research Report (by Product Type, End- User/Application and Regions/Countries)

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## Abstracts

### SUMMARY

Neurostimulation is a therapeutic activation of part of the nervous system using microelectrodes. The electrodes are used to interface with excitable tissue in order to either restore sensation, such as a cochlear implant for hearing, or control an organ, such as a heart pacemaker. Neurostimulation technology improves the life quality of those who are severely paralyzed or suffering from profound losses to various sense organs. It serves as the key part of neural prosthetics for hearing aids, artificial vision, artificial limbs, and brain-machine interfaces. In the case of neural stimulation, mostly an electrical stimulation is utilized and charge-balanced biphasic constant current waveforms of capacitively coupled charge injection approaches are adopted. Alternatively, the transcranial magnetic stimulation has been proposed as a non-invasive method in which a magnetic field causes neurostimulation.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Neurostimulation Devices , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers. Neurostimulation Devices market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Spinal Cord Stimulation (SCS)

Gastric Electric Stimulation (GES)

Deep Brain Stimulation (DBS)

Sacral Nerve Stimulation (SNS)

Vagus Nerve Stimulation (VNS)

Others

By End-User / Application

Pain Management

Parkinson's Disease

Urinary and Fecal Incontinence

Epilepsy

Gastroparesis

Others

### By Company

Medtronic

Boston Scientific

St. Jude Medical

LiveNova(Cyberonics)

Nevro

Inspire Medical Systems

NeuroPace

Autonomic Technologies

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