

Global Wearable Brain Devices Market Size study, by By Channel Type (32-Channel Type, 12-Channel Type, 14-Channel Type, 5-Channel Type, Multichannels, Others), By Application (Medical Setting, AR/VR Gaming Settings, Others), By End-use (Hospitals & Clinics, Neurology Centers, Ambulatory Surgery Centers (ASCs) , Diagnostic Centers, Transportation and Construction, Research and Academics, Homecare Settings, Intensive Care Units, Assisted Living Facilities, Athletes and Military Personnel, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Wearable Brain Devices Market is valued approximately XX in 2021 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2022-2028. The market's growth can be attributed to the increasing prevalence of neurological disorders such as epilepsy, Parkinson's disease, and Alzheimer's disease. The rapidly rising elderly population in the Asia Pacific region, particularly in Japan, India, and China, as well as rapid technology advancements, are additional significant factors driving market expansion. At present, Europe and Asia Pacific have the most people above the age of 60. As per WHO, the world's elderly population is expected to reach 1.4 billion in 2030, and 2.1 billion in 2050. Furthermore, it is predicted to reach 3.1 billion by 2100. Because of challenges associated with it, the aged population has been connected to a variety of chronic diseases. Neurological problems are most typically seen in elderly persons, involving between 5% and 55% of people aged 55 and up. They are linked to an increased risk of negative health outcomes such as mortality,

disability, institutionalisation, and hospitalisation. . As a result of the growing senior population and the rise in associated neurological illnesses, the market for wearable EEG devices is expected to increase significantly. The rising clinical research on wearable brain device assessments for various applications is one of the primary reasons driving market growth. For example, in March 2021, Brain Scientific Inc. announced a collaboration with JelikaLite, to improve the well-being of children with autism, through a clinical trial titled 'Transcranial Photobiomodulation for Reducing Autism Symptoms in Children.' However, constraints such as the high cost of wearable EEG devices are projected to have an impact on market growth throughout the forecast period.

The key regions considered for the global Wearable Brain Devices Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominates the market. The rise in demand for minimally invasive procedures can be attributed to the rising prevalence of Parkinson's disease and epilepsy. Technological advancements are also major contributors to the region's Application market growth. As a result, North America is likely to dominate the whole regional market over the forecast period. Furthermore, increased healthcare spending in North America may attract new and old competitors. Healthcare spending in the United States has climbed by 9.7 percent to USD 4.1 trillion in 2020, accounting for around 19.7 percent of GDP, according to the Centers for Medicaid and Medicare Services. Due to the availability of mandatory healthcare insurance, technological advancements, and increased healthcare expenditure, Asia Pacific is expected to have the fastest CAGR during the forecast period. Singapore and South Korea are two of the Asia Pacific region's emerging economies.

Major market player included in this report are:

Kernel

EMOTIV

NeuroLief

Brain Scientific

BioSerenity

mBrainTrain

Brain Applications

COGNIONICS, INC.

Bitbrain Technologies

Dreem

The objective of the study is to define market sizes of different segments & countries in

recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Application offerings of key players. The detailed segments and sub-segment of the market are explained below:

ByChannel Type:

32-Channel Type

12-Channel Type

14-Channel Type

5-Channel Type

Multichannels

Others

By Application:

Medical Setting

AR/VR Gaming Settings

Others

By End-user:

Hospitals & Clinics

Neurology Centers

Ambulatory Surgery Centers (ASCs)

Diagnostic Centers

Transportation and Construction

Research and Academics

Homecare Settings

Intensive Care Units

Assisted Living Facilities

Athletes and Military Personnel

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Wearable Brain Devices Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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