

## **Anesthesia Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

Market Report | 2024-02-17 | 114 pages | Mordor Intelligence

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### **Report description:**

The Anesthesia Devices Market size is estimated at USD 17.09 billion in 2024, and is expected to reach USD 24.77 billion by 2029, growing at a CAGR of 7.70% during the forecast period (2024-2029).

The emergence of the COVID-19 pandemic had a significant effect on the world economy and the healthcare system. Due to the rising number of cases of COVID-19 in the early stages of the pandemic, hospitals across the world canceled all elective procedures. For instance, according to an article published by the Lancet Rheumatology in February 2021, a study in the United Kingdom showed that during the COVID-19 pandemic, many elective surgeries were postponed, and there was a long waiting time for elective surgeries. The cancellation of many surgical procedures had an adverse impact on the market. However, as the pandemic has subsided, elective surgeries are now being conducted normally across the world. Thus, the studied market is expected to have stable growth during the forecast period.

The major factors enhancing the market's growth include advancements in anesthesia delivery and monitoring technology, a rise in the number of surgical procedures requiring anesthesia, the increasing prevalence of chronic diseases, and the growing geriatric population.

The increasing geriatric population prone to chronic diseases is a major factor that is actively affecting the growth of the studied market. For instance, according to the British Heart Foundation Factsheet, published in August 2022, about 7.6 million people are living with heart or circulatory diseases in the United Kingdom. As per the same source, in the United Kingdom, more than half of the people will get a heart or circulatory condition in their lifetime, and around twice as many people are living with heart and circulatory diseases in the United Kingdom than with cancer and Alzheimer's disease combined. It is also estimated that around 48,000 people under the age of 75 in the United Kingdom die from heart and circulatory diseases each year.

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A steep rise in the incidences of sports-related and spinal cord injury (SCI) and accidental fracture cases resulted in surgical procedures, thus leading to more usage of anesthesia devices. For instance, according to the National Spinal Cord Injury Statistical Center report in 2022, the annual incidence of traumatic spinal cord injury (SCI) in 2021 is approximately 54 cases per one million people in the United States, which equals about 18,000 new SCI cases each year. The estimated number of people with SCI living in the United States in 2021 is approximately 299,000 persons, with a range from 253,000 to 378,000 persons. Thus, the increasing prevalence of spinal cord injury is expected to increase the demand for surgical procedures, thereby boosting the usage of anesthesia devices.

The increasing technological innovations in anesthesia monitoring technology are also expected to boost the market's growth. For instance, according to an article published by PubMed Central in July 2022, a study was conducted where an intelligence model was developed that helped in predicting the depth of anesthesia from a single-channel electroencephalograph (EEG) signal. Thus, the development of such newer technologies is also expected to enhance the market's growth.

Therefore, the rising prevalence of chronic diseases, rising surgical procedures, and increasing development of newer technologically advanced anesthesia products are likely to boost the growth of the studied market during the forecast period. However, the high cost of equipment, difficulties associated with the usage of anesthesia devices, and reimbursement and regulatory issues are expected to hinder the market's growth.

## Anesthesia Devices Market Trends

### Anesthesia Monitors Segment is Expected to Register a Significant CAGR During the Forecast Period

Anesthesia monitors help record and display the delivery of anesthetic substances, like gases, drugs, and fluids, to the doctor. During surgeries, these are used to check the patient's health and reaction to the indication of anesthesia. The integration of various functionalities, such as oxygen saturation level, carbon dioxide level, heart rate, and blood pressure, coupled with decision support systems and data analysis to aid clinicians in getting better insights on their patients, is favoring the market growth. The rising prevalence of chronic diseases and the growing geriatric population, technological advancements in anesthesia monitors, and the increasing number of surgical procedures are expected to boost the segment's growth.

The increasing number of various surgical procedures worldwide is expected to augment the market's growth over the forecast period. For instance, according to the data published by the International Society of Aesthetic Plastic Surgery in 2021, 12,840,688 surgical aesthetic procedures were estimated to be performed worldwide in 2021. Thus, the high number of surgical procedures is expected to boost the adoption of anesthesia monitors.

Additionally, as per the data World Stroke Organization in 2022, almost 5 million new cases of atrial fibrillation and flutter are diagnosed each year. The prevalence of atrial fibrillation in all ages was expected to reach 60 million in 2022. The high burden of atrial fibrillation is projected to augment the adoption of anesthesia monitors during the surgical treatment process, thus enhancing the segment's growth.

According to the World Population Prospects 2022, the percentage of the population aged 65 years and older was estimated to be 10% in 2022, and it is expected to reach 16% by 2050. As chronic diseases requiring surgeries are more common in the elderly, the surging geriatric population is projected to propel the market's growth during the forecast period.

Hence, factors such as the rising number of surgical procedures, the increasing prevalence of chronic diseases, and the growing geriatric population are expected to enhance the segment's growth.

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## North America is Expected to Hold a Significant Market Share Over the Forecast Period

North America is expected to hold a significant share of the overall market throughout the forecast period due to the rapid increase in the number of diseases, such as obesity, cardiovascular problems, and different types of cancers, which have contributed to the rise in the number of surgeries of open and minimally invasive types. The increasing number of minimally invasive surgeries for chronic diseases is boosting the growth of the anesthesia devices market in the region.

For instance, according to the data published by the American Cancer Society in 2023, an estimated 288,300 new prostate cancer cases will be identified in the United States. In addition, according to the same source, about six in 10 cases are diagnosed in men aged 65 or older. Such an increase in the prevalence of cancer is estimated to boost the demand for anesthesia devices for the surgical treatment of cancer, ultimately driving the market's growth in the region.

Similarly, according to the data stated by the Canadian Cancer Society in November 2022, it was estimated that 233,900 people would be diagnosed with cancer in 2022. This incidence growth is largely due to Canada's growing and aging population. Thus, the growing prevalence of cancer is expected to boost the usage of anesthesia devices, thus driving the market's growth in the region over the forecast period.

The key developments by various market players are also enhancing the market's growth in the region. For instance, in October 2022, Intelligent Ultrasound received FDA De Novo approval for the ScanNav Anatomy peripheral nerve block device. This medical device is intended to help anesthetists and other health professionals identify important anatomical structures in ultrasound images before inserting needles to deliver regional anesthesia.

Therefore, owing to the rising prevalence of chronic diseases and the key developments by market players, the studied market is anticipated to witness growth in the region over the forecast period.

### Anesthesia Devices Industry Overview

The anesthesia devices market is moderately competitive and consists of several major players. In terms of market share, few major players currently dominate the market. With the rising patient awareness levels and high prevalence of diseases, and a rising number of surgeries, few other smaller players are expected to enter the market in the coming years. Some of the major players include B. Braun Melsungen AG, Medtronic PLC, Draegerwerk AG, Koninklijke Philips NV, and Fisher & Paykel Healthcare.

#### Additional Benefits:

- <li> The market estimate (ME) sheet in Excel format </li>
- <li> 3 months of analyst support </li>

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