

Canada Defibrillator Market, By Product (Implantable Cardioverter Defibrillators (ICD), External Defibrillators), By End-Use (Hospital, Pre-Hospital, Public Access Market, Alternate Care Market, Home Healthcare) By Region, Competition Forecast and Opportunities, 2028

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# Abstracts

Canada Defibrillator Market is anticipated to witness impressive growth during the forecast period due to the increasing prevalence of target diseases along with growing focus on providing public access defibrillators and growing awareness programs about using the defibrillators across the region. Additionally, growing geriatric population with the risk of cardiac arrest and huge investments in the healthcare industry by key market players are the major factors influencing the growth of the Canada Defibrillator Market. Increasing usage of advance medical device is expected to increase the demand for Defibrillator, thereby fueling the market growth in Canada through 2028. In 2022, According to the Heart and Stroke Foundation of Canada, as many as 45,000 Canadians experience a sudden cardiac arrest each year. According to Canadian Institute of Health Research, more than 1.6 million Canadians are suffering from heart diseases. These rising cases lead to high demand for defibrillators. Furthermore, owing to advancements in technology in the healthcare sector and rise in adoption of external defibrillators installations might further increase the demand for Canada Defibrillator Market, supporting market growth.

Growing Aging population can influence the growth of the market

The aging population in Canada acts as one of the major drivers of growth in the defibrillator market. As people age, they become more susceptible to cardiovascular



diseases, such as coronary artery disease, heart failure, and arrhythmias, which can lead to sudden cardiac arrests. This has led to an increase in the demand for defibrillators, which are used to treat sudden cardiac arrests by delivering an electric shock to the heart to restore its normal rhythm. This trend is driving the development of new and advanced defibrillator technologies, including implantable cardioverterdefibrillators (ICDs) and wearable defibrillators, which are designed to meet the specific needs of older patients. Furthermore, as the number of seniors increases, the Canadian government has launched initiatives to promote the use of defibrillators in public places and to increase awareness of sudden cardiac arrests. For instance, some provinces have implemented policies requiring AEDs to be installed in public buildings and have provided funding for training in their use.

Increasing incidence of cardiovascular disease

The increasing incidence of cardiovascular diseases in Canada is one of the major factors driving the growth of the defibrillator market. Cardiovascular disease is a leading cause of death in Canada, accounting for more than 33% of all deaths in the country. The prevalence of cardiovascular diseases is expected to increase in the coming years due to various factors such as unhealthy lifestyles, sedentary jobs, and an aging population. As the incidence of cardiovascular disease increases, so does the likelihood of sudden cardiac arrest. Sudden cardiac arrest is a condition in which the heart suddenly stops beating, often as a result of an arrhythmia or abnormal heart rhythm. Defibrillators are essential in treating sudden cardiac arrest, as they deliver an electric shock to the heart to restore its normal rhythm. Therefore, the growing incidence of cardiovascular disease is driving the demand for defibrillators in Canada. The Canadian healthcare system is highly recognizing the importance of early intervention and treatment for cardiovascular disease, including the use of defibrillators. There is a growing emphasis on preventative care, which includes regular screenings for cardiovascular disease risk factors, such as high blood pressure and high cholesterol levels. This increased focus on prevention and early intervention is expected to drive the growth of the defibrillator market in Canada. The Canadian government has launched several initiatives to increase awareness of cardiovascular disease and promote the use of defibrillators in public places. These initiatives include funding for AED placement in public areas and the development of training programs for AED use. This support from the government is expected to further increase the adoption of defibrillators, driving the growth of the market.

Growing adoption of AEDs in public places



The growing adoption of automated external defibrillators (AEDs) in public places is a significant factor driving the growth of the defibrillator market in Canada. An AED is a portable device that is used to detect and treat sudden cardiac arrest by delivering an electric shock to the heart. The device is designed to be user-friendly and can be used by anyone with minimal training. In recent years, there has been a significant increase in the placement of AEDs in public places in Canada, such as airports, schools, shopping malls, and sports venues. The Canadian government has launched initiatives to promote the use of AEDs in public places, including providing funding for AED placement and training programs for AED use. The growing adoption of AEDs in public places has increased public awareness of sudden cardiac arrest and the importance of prompt treatment. This has led to an increase in demand for AEDs, which has driven the growth of the defibrillator market in Canada. The development of technologically advanced AEDs has also contributed to the growth of the market. These devices are equipped with features such as voice prompts, visual aids, and real-time feedback to guide users through the process of delivering a shock. The adoption of these advanced devices has further increased the demand for AEDs, driving the growth of the market.

## Technological advancements

Technological advancements have played a crucial role in the growth of the Canada Defibrillator Market. The development of new and advanced technologies has made defibrillators more effective and efficient, leading to increased adoption and demand for these devices. One of the major technological advancements in the defibrillator market is the development of implantable cardioverter-defibrillators (ICDs). ICDs are small devices that are surgically implanted into the chest and can monitor and regulate the heart's rhythm. These devices can deliver electrical shocks to the heart when necessary, providing continuous protection against sudden cardiac arrest. The adoption of ICDs has increased significantly in recent years, as they offer several advantages over traditional external defibrillators. Another significant technological advancement in the defibrillator market is the development of smart defibrillators. These devices are equipped with advanced features such as real-time monitoring, artificial intelligence, and remote connectivity. These features enable healthcare providers to monitor patients' heart rhythms remotely, alerting them to potential issues before they become lifethreatening. This technology has significantly improved patient outcomes and reduced healthcare costs. The development of AEDs has also been a significant technological advancement in the defibrillator market. These devices are designed for use by nonmedical personnel and can provide life-saving treatment in public places, such as airports, malls, and schools. AEDs have become more accessible and user-friendly, with features such as voice prompts, visual aids, and real-time feedback to guide users.



through the process of delivering a shock.

#### Government support

Government support has been a significant factor in the growth of the defibrillator market in Canada. The Canadian government has implemented several initiatives and policies to promote the adoption and use of defibrillators, which has contributed to the growth of the market. One of the most significant government initiatives is the implementation of laws requiring the installation of AEDs in public places. For example, in Ontario, the government has mandated AEDs to be available in public buildings such as schools, recreation centers, and government buildings. This law has increased the demand for AEDs and has driven the growth of the defibrillator market. In addition, the Canadian government has provided funding for AED placement and training programs. The government has offered grants to non-profit organizations and businesses to purchase AEDs, making these life-saving devices more accessible to the public. The government has also provided funding for training programs, which has increased public awareness of sudden cardiac arrest and the importance of prompt treatment. Furthermore, the Canadian government has supported research and development (R&D) in the defibrillator market to develop new and advanced technologies, such as implantable defibrillators, smart defibrillators, and wearable defibrillators. This has led to the development of more effective and efficient defibrillators, which has increased their adoption and demand.

### **Recent Developments**

Physio-Control Lifepak CR2 Defibrillator – Launched in 2019, this is a nextgeneration AED that is designed to be easy to use, even for people with no medical training. The Lifepak CR2 is equipped with advanced features such as CPR coaching, real-time CPR feedback, and Wi-Fi connectivity.

Zoll AED 3 Defibrillator – Launched in 2019, the Zoll AED 3 is a compact and durable AED that is designed for use in a wide range of settings, including schools, offices, and public spaces. The device features a bright and easy-to-use interface, and it is equipped with Real CPR Help technology, which provides real-time feedback on the quality of CPR.

Philips HeartStart FR3 Smart Defibrillator – Launched in 2020, the HeartStart FR3 is a lightweight and portable AED that is designed to be used by trained medical professionals. The device features advanced technology such as CPR



guidance, real-time monitoring, and data management.

Defibtech Lifeline View Defibrillator – Launched in 2021, the Defibtech Lifeline View is a sleek and modern AED that features a high-resolution color touchscreen display. The device provides clear and easy-to-follow instructions, and it is equipped with advanced features such as CPR coaching and real-time feedback on the quality of CPR.

### Market Segmentation

Canada Defibrillator Market can be segmented by product, end user, and region. Based on product, defibrillator market can be divided into implantable cardioverter defibrillators (ICD) and external defibrillators. Based on end user, defibrillator market can be segmented into hospital, pre-hospital, public access market, alternate care market, and home healthcare.

## **Market Players**

Medtronic of Canada Ltd, Abbott Canada., Biotronik Canada Inc, Stryker Canada LP, DxTx Medical Inc, MME Medical Equipment Inc., Defibtech, LLC, and LivaNova PLC are some of the leading players operating in the Canada Defibrillator Market.

Report Scope:

In this report, the Canada Defibrillator market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Canada Defibrillator Market, By Product:

Implantable Cardioverter Defibrillators (ICD)

**External Defibrillators** 

Canada Defibrillator Market, By End User:

Hospital

Pre-Hospital



Public Access Market

Alternate Care Market

Home Healthcare

Canada Defibrillator Market, By Region:

Ontario

Quebec

Alberta

British Columbia

Saskatchewan and Manitoba

Rest of Canada

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Canada Defibrillator Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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