

# North America Automated External Defibrillators Market Forecast to 2030 - Regional Analysis - by Type (Fully-Automated External Defibrillators and Semi-Automated External Defibrillators) and End User (Hospitals & Clinics, Homecare, and Others)

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## Abstracts

The North America automated external defibrillators market is expected to grow from US\$ 681.03 million in 2022 to US\$ 983.55 million by 2030. It is estimated to record a CAGR of 4.7% from 2022 to 2030.

### Increasing Prevalence of Cardiovascular Diseases Drives North America Automated External Defibrillators Market

Cardiovascular diseases (CVDs) are the leading cause of morbidity and mortality globally. As per the Centers for Disease Control and Prevention (CDC), in 2021, 1 in 6 deaths from cardiovascular disease was due to stroke. The World Health Organization (WHO) reported that 17.9 million die globally due to CVD every year, i.e., 32% of all mortality cases. Furthermore, 4 out of 5 CVD-related mortalities are due to heart attacks and strokes. Unhealthy lifestyle habits, including poor diet, obesity, physical inactivity, tobacco consumption, and excess alcohol consumption, are the leading causes of CVDs. The surging cases of CVDs result in high demand for defibrillators as an essential tool for the resuscitation and care of CVD patients in hospitals. With a rise in national healthcare expenditures and disposable household incomes in various regions, the use of defibrillators is expected to increase in order to manage CVD. Furthermore, amid such high demands for defibrillators as a vital instrument in hospitals, automated external defibrillators are gaining notable traction owing to their enhanced suitability in the resuscitation of persons having sudden cardiac arrest (SCA). Thus, the growing incidence of CVDs drives the demand for defibrillators, including automated external

defibrillators, in hospitals, homes, and other healthcare settings.

## North America Automated External Defibrillators Market Overview

The Automated External Defibrillator market in North America is segmented into the US, Canada, and Mexico. The Automated External Defibrillator market in North America is segmented into the US, Canada, and Mexico. The US is the largest market for automated external defibrillator. The market is prominently driven by an extensive rise in respiratory diseases, a big pool of diabetic population, increase in awareness about respiratory diseases among the population. The US is projected to be the largest market for automated external defibrillators due to multiple factors such as an increase in the incidence of cardiovascular disease (CVDs), rising awareness about the presence of automatic defibrillators, the presence of leading pharmaceutical companies in this region, and the existence of fully developed healthcare infrastructure. Moreover, technological advancements have resulted in the development of various novel defibrillators.

Coronary artery disease (CAD) is among the leading causes of morbidity and mortality in developed countries. According to the Centers for Disease Control research, CAD accounts for ~6,10,000 deaths annually (estimated 1 in 4 deaths), which makes it the leading cause of death in the US. Furthermore, the population of people aged 65 and above is predicted to increase between 2012 and 2050, which boosts the need for a greater understanding of the impact of cardiovascular diseases on older adults.

In addition, the rising prevalence of cardiac conditions among people contributes to the automated external defibrillator market growth. Per the American Heart Association's (AHA) "heart disease and Stroke Statistics 2019", approximately 121.5 million adults in the US are suffering from CVDs, and every year 8,05,000 Americans suffer from a heart attack. In addition, as per the CDC, ~7,95,000 people in the US suffer from cerebrovascular stroke every year. As per DIL-a Conversational Agent for Heart Failure Patients by Claremont Graduate University published in 2019-the indirect and direct costs associated with the treatment of cardiovascular diseases and stroke are anticipated to be more than US\$ 329.7 billion, which includes both health expenditures and productivity loss. Therefore, the cost of the treatments increases for the patients.

Hypertension is one of the major risk factors for heart diseases, strokes, and cardiac arrests, but it is highly treatable. According to a 2023 report from the American Heart Association, approximately 50% of Americans aged 20 years and above, i.e., more than 122 million people, have high blood pressure. The prevalence of hypertension is

expected to rise in the coming years; therefore, it is anticipated that the incidences of cardiovascular diseases are also likely to increase in the future.

## North America Automated External Defibrillators Market Revenue and Forecast to 2030 (US\$ Million)

### North America Automated External Defibrillators Market Segmentation

The North America automated external defibrillators market is segmented into type, end user, and country.

Based on type, the North America automated external defibrillators market is bifurcated into fully-automated external defibrillators and semi-automated external defibrillators. The fully-automated external defibrillators segment held a larger share of the North America automated external defibrillators market in 2022.

Based on end user, the North America automated external defibrillators market is segmented into hospitals & clinics, homecare, and others. The hospitals & clinics segment held the largest share of the North America automated external defibrillators market in 2022.

Based on country, the North America automated external defibrillators market is segmented into the US, Canada, and Mexico. The US dominated the North America automated external defibrillators market in 2022.

Asahi Kasei Corp, Koninklijke Philips NV, Mediana Co Ltd, Nihon Kohden Corp, Schiller AG, Shenzhen Mindray Bio-Medical Electronics Co Ltd, and Stryker Corp are some of the leading companies operating in the North America automated external defibrillators market.

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