

Coronary Heart Disease Diagnostic Imaging Market Size, Share & Trends Analysis Report By Modality (Computed Tomography, X-rays, Ultrasound, Magnetic Resonance Imaging, Nuclear Medicine), By Region (North America, Europe, Asia Pacific, Middle East & Africa), And Segment Forecasts, 2026 - 2033

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Abstracts

The global coronary heart disease diagnostic imaging market size was estimated at USD 4.67 billion in 2025 and is projected to reach USD 7.73 billion by 2033, growing at a CAGR of 6.5% from 2026 to 2033. Growth is driven by the rising prevalence of cardiovascular diseases, increasing adoption of advanced imaging technologies such as CT, MRI, and nuclear imaging, and growing awareness of early diagnosis.

In addition, aging populations and lifestyle-related risk factors are fueling demand for accurate and non-invasive diagnostic solutions. Technological advancements, including AI integration and improved imaging accuracy, are further supporting market expansion, enabling better clinical outcomes and enhancing the efficiency of cardiovascular disease management worldwide.

One of the main factors driving the market expansion for coronary heart disease diagnostic imaging devices is the rising incidence of coronary artery diseases (CAD) worldwide. With nearly 19.8 million deaths per year, cardiovascular diseases continue to be the leading cause of death globally, with coronary heart disease accounting for a sizable portion of these deaths. Coronary artery disease (CAD) is primarily caused by atherosclerosis, which leads to the narrowing or blockage of coronary arteries. The demand for diagnostic imaging modalities such as computed tomography (CT), magnetic resonance imaging (MRI), echocardiography, and coronary angiography have

directly increased due to the increasing number of patients at risk.

Moreover, demographic changes, especially population aging, have led to a marked increase in the prevalence of CAD. The incidence of coronary conditions is higher in older populations because they are more vulnerable to atherosclerotic changes. For instance, compared to younger populations, prevalence rates are significantly higher among those over 65, underscoring age as a crucial risk factor. Furthermore, a greater number of patients have chronic cardiovascular conditions because of longer life expectancies worldwide, which has increased the use of diagnostic imaging technologies over time.

Global Coronary Heart Disease Diagnostic Imaging Market Report Segmentation

This report forecasts revenue growth at global, regional & country levels and provides an analysis on the industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global coronary heart disease diagnostic imaging market report based on modality and region:

Modality Outlook (Revenue, USD Million, 2021 - 2033)

Computed Tomography

X rays

Ultrasound

Magnetic Resonance Imaging

Nuclear Medicine

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

Japan

China

India

South Korea

Australia

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

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UAE

Kuwait

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