

Structural Heart Imaging Market Report Provides Insights Into Market Evolution And Growth Prospects

*The Business Research Company's
Structural Heart Imaging Global Market
Report 2026 – Market Size, Trends, And
Forecast 2026-2035*

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/EINPresswire.com/ -- The [structural
heart imaging market](#) has experienced

significant growth recently, reflecting the increasing importance of advanced cardiac diagnostics. As the healthcare landscape evolves, new technologies and rising demand for minimally invasive procedures are setting the stage for continued expansion in this specialized imaging field. Let's explore the market's size, key drivers, regional dynamics, and emerging trends that are shaping its future.



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Market Size and Future Outlook of the Structural Heart Imaging Market

The structural heart imaging market has expanded steadily over recent years and is projected to grow further. From \$17.09 billion in 2025, it is expected to reach \$18.75 billion in 2026, showing a compound annual growth rate (CAGR) of 9.7%. This upward trend stems from factors such as the rising prevalence of structural heart diseases, broader adoption of transcatheter cardiac procedures, advances in echocardiography and CT imaging technologies, increased utilization of imaging in interventional cardiology, and growing popularity of catheter-based therapies. Looking ahead, the market is forecasted to surge to \$27.02 billion by 2030, maintaining a CAGR of 9.6%. Anticipated growth drivers include heightened demand for minimally invasive cardiac interventions, expanding investments in intelligent cardiac imaging platforms, proliferation of AI-assisted diagnostic imaging, greater use of imaging in complex valve procedures, and a stronger focus on optimizing procedural outcomes. Key trends expected to influence the market during this period involve the wider adoption of real-time image-guided cardiac interventions, increased utilization of sophisticated multimodality imaging systems, integration of AI-based image analysis tools, development of advanced 3D and 4D cardiac visualization technologies, and improved accuracy in pre-procedural planning.

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Understanding Structural Heart Imaging and Its Importance

Structural heart imaging is a specialized form of medical imaging aimed at capturing detailed and precise images of the heart's anatomy, including its valves, walls, and chambers. This imaging technique plays a crucial role in diagnosing conditions such as valve defects and congenital heart abnormalities. It is extensively employed in pre-procedural planning, providing real-time guidance during cardiac interventions, and for post-treatment evaluation, helping clinicians monitor patient recovery and outcomes effectively.

Key Factors Contributing to the Growth of Structural Heart Imaging

One major influence propelling the structural heart imaging market is the rising prevalence of cardiovascular diseases worldwide. These diseases encompass a range of disorders affecting the heart and blood vessels, including heart attacks, strokes, and hypertension. Lifestyle factors such as unhealthy diets, lack of physical activity, smoking, and the increasing incidence of obesity, hypertension, and diabetes have all contributed to this upward trend. Structural heart imaging supports improved management of cardiovascular conditions by delivering highly accurate diagnostic images, which are essential for detecting heart valve problems and congenital defects. This imaging facilitates early intervention and enhances procedural precision, ultimately improving patient outcomes.

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Supporting this growth trend, the American Heart Association reported that in January 2024, the age-adjusted death rate from cardiovascular disease in the United States increased to 233.3 per 100,000 people, marking a 4.0% rise from 224.4 per 100,000 in 2023. This data highlights the urgent need for advanced diagnostic and treatment solutions, thereby reinforcing the demand for structural heart imaging technologies.

Regional Dynamics in the Structural Heart Imaging Market

North America held the largest share of the structural heart imaging market in 2025, benefiting from well-established healthcare infrastructure and strong adoption of innovative medical technologies. However, the Asia-Pacific region is projected to be the fastest-growing market throughout the forecast period. Factors contributing to this rapid expansion include increasing healthcare investments, rising awareness of cardiovascular diseases, and expanding access to advanced cardiac care services. The comprehensive market analysis covers key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, offering a global perspective on market trends and growth opportunities.

New additions to our 2026 reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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