

Medical Imaging Market Report by Product (CT Scanners, X-Ray Imaging Systems, MRI Systems, Ultrasound Imaging Systems, Nuclear Imaging Systems, Mammography Systems), Application (Obstetrics and Gynecology Health, Orthopedics and Musculoskeletal, Neuro and Spine, Cardiovascular and Thoracic, General Imaging, Breast Health, and Others), End User (Hospitals, Diagnostic Centers, Academic Institutes and Research Organizations), and Region 2024-2032

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Abstracts

The global medical imaging market size reached US\$ 42.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 67.9 Billion by 2032, exhibiting a growth rate (CAGR) of 5.3% during 2024-2032.

Medical imaging refers to the technique of creating visual depictions of the human body for diagnosing an ailment and its subsequent medical treatment. Computed tomography (CT) scanners, magnetic resonance imaging (MRI), nuclear imaging, mammography, and ultrasound are common medical imaging systems. It is a non-invasive technique that helps medical professionals to assess patients' bones, organs, tissue, and blood vessels. Medical imaging tests are safe, quick, and easy to perform and aid in early and accurate diagnosis, understanding complications, and eliminating the need for exploratory surgery. As a result, medical imaging is widely used in cardiovascular and thoracic, orthopedics and musculoskeletal, obstetrics and gynecology, and neurology departments.

Medical Imaging Market Trends:

The significant growth in the healthcare industry across the globe is creating a positive outlook for the market. In line with this, the growing occurrence of lifestyle diseases owing to sedentary lifestyles and age-related ailments in the steadily rising geriatric population is also favoring the market growth. Medical imaging is widely used by healthcare specialties to diagnose diseases and injuries, such as cancer, heart blockage, fractures, and tumors. Apart from this, the introduction of three-dimensional (3D) imaging technology to develop enhanced resolutions and more intricate details for better patient care is providing an impetus to the market growth. Moreover, the integration of artificial intelligence (AI) to enhance tissue-based detection and provide accuracy and sensitivity in the identification of imaging abnormalities is acting as another growth-inducing factor. Furthermore, the increasing demand for CT scans and MRIs to detect the spread of COVID-19 in the lungs is positively influencing the market growth. Other factors, including rising expenditure capacities of consumers, extensive research and development (R&D) activities, and the launch of portable imaging devices, are anticipated to drive the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical imaging market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, application and end user.

Breakup by Product:

- CT Scanners
- X-Ray Imaging Systems
- MRI Systems
- Ultrasound Imaging Systems
- Nuclear Imaging Systems
- Mammography Systems

Breakup by Application:

- Obstetrics and Gynecology Health
- Orthopedics and Musculoskeletal
- Neuro and Spine
- Cardiovascular and Thoracic

General Imaging
Breast Health
Others

Breakup by End User:

Hospitals
Diagnostic Centers
Academic Institutes and Research Organizations

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the

profiles of the key players being Canon Medical Systems Corporation (Canon Inc.), Carestream Health, Cubresa Inc., Esaote SpA, FUJIFILM VisualSonics Inc., GE HealthCare (General Electric Company), Hologic Inc., Koning Corporation, Koninklijke Philips N.V., Materialise NV, Mindray Medical International Limited, Samsung Medison Co. Ltd. (Samsung Electronics Co. Ltd.) and Siemens Healthineers AG (Siemens AG).

Key Questions Answered in This Report

1. What was the size of the global medical imaging market in 2023?
2. What is the expected growth rate of the global medical imaging market during 2024-2032?
3. What are the key factors driving the global medical imaging market?
4. What has been the impact of COVID-19 on the global medical imaging market?
5. What is the breakup of the global medical imaging market based on the product?
6. What is the breakup of the global medical imaging market based on the application?
7. What is the breakup of the global medical imaging market based on the end user?
8. What are the key regions in the global medical imaging market?
9. Who are the key players/companies in the global medical imaging market?

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