

Diagnostic Imaging Market by Product (MRI (Open, Closed), Ultrasound (2D, 4D, Doppler), X-Ray (Digital, Analog), CT, SPECT, Hybrid PET, Mammography), Application (Ob/GYN, CVDs, Brain, Cancer), Enduser (Hospitals, Clinics), & Region Global Forecasts to 2028

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Abstracts

The global diagnostic imaging market is projected to reach USD 34.6 billion by 2028 from USD 26.5 billion in 2023, at a CAGR of 5.5% from 2023 to 2028. Factors such as rising baby boomer population and increasing utilization of non-invasive technologies are responsible for the increasing growth of this market. Increasing research and development activities, government initiatives and rising number of clinical trials also attributes to the growth of diagnostic imaging market.

“The CT scanners segment held the largest share of the market in 2022”

Based on product, the diagnostic imaging market is segmented into CT scanners, MRI systems, ultrasound systems, X-ray imaging systems, nuclear imaging systems, and mammography systems. The CT scanners segment held the largest market share in 2022. The large share of this segment can be attributed to the launch of technologically advanced systems and rising use of CT scanners by the end users.

“The cardiology application segment is projected to register the highest CAGR of the CT scanners market by application during the forecast period”

Based on application, the diagnostic imaging market is segmented into nuclear imaging systems - cardiology, oncology, neurology, and other applications, MRI systems – brain

and neurological MRI, spine and musculoskeletal MRI, pelvic and abdominal MRI, vascular MRI, breast MRI, cardiac MRI, ultrasound systems – radiology/general imaging, cardiology, obstetrics/gynecology, vascular applications, urology, other applications, X-ray imaging systems – general radiography, fluoroscopy, dentistry, CT scanners- cardiology, oncology, neurology, and other applications, and mammography systems. The cardiology application segment is projected to register the highest CAGR of the CT scanners market from 2023 to 2028. Factors such as increasing use of diagnostic imaging techniques in dermatology applications and rising adoption of AI and analytics in diagnostic imaging are driving the market growth.

“The market in the Asia Pacific region is expected to witness the highest growth during the forecast period.”

The diagnostic imaging market in the APAC region is expected to register the highest CAGR during the forecast period, primarily due to evolving healthcare infrastructure and increasing focus of major players in the region. The healthcare infrastructure in emerging economies, such as China and India is evolving at a rapid pace, leading to major investments in advanced imaging systems by hospitals and diagnostic centers. These factors are anticipated to fuel the growth of diagnostic imaging market in this region.

A breakdown of the primary participants referred to for this report is provided below:

By Company Type: Tier 1–48%, Tier 2–36%, and Tier 3– 16%

By Designation: Director-level–14%, C-level–10%, and Others–76%

By Region: North America–40%, Europe–32%, Asia Pacific–20%, Latin America-5%, Middle East and Africa-3%

The prominent players in the diagnostic imaging market are Siemens Healthineers (Germany), GE Healthcare (US), Koninklijke Philips N.V. (Netherlands), FUJIFILM Corporation (Japan) among others.

Research Coverage

This report studies the diagnostic imaging market based on product, application, end user, and region. It also covers the factors affecting market growth, analyzes the various

opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micromarkets with respect to their growth trends and forecasts the revenue of the market segments with respect to three main regions (and the respective countries in these regions).

Reasons to Buy the Report

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall diagnostic imaging market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

This report provides insights on the following pointers:

Analysis of key drivers (growing geriatric population and subsequent rise in chronic diseases, increasing demand for early diagnosis and across clinical applications, technological advancements in diagnostic imaging modalities, and increasing funding investments by public-private organizations), restraints (high cost of diagnostic imaging systems, technological limitations associated with standalone systems, unfavourable reimbursement scenario, inadequate supply of helium), opportunities (emerging economies offer high growth potential, increasing establishment of hospitals and diagnostic imaging centers, adoption of AI and analytics in diagnostic imaging, growing adoption of teleradiology, Contract-based radiology solutions and mobile solutions), and challenges (hospital budget cuts, increasing adoption of refurbished diagnostic imaging systems, shortage of trained professionals) influencing the growth of the diagnostic imaging market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the diagnostic imaging market

Market Development: Comprehensive information about lucrative markets—the report analyses the diagnostic imaging market across varied regions

Market Diversification: Exhaustive information about new products & services,

untapped geographies, recent developments, and investments in the diagnostic imaging market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like GE Healthcare (US), Siemens Healthineers (Germany), Koninklijke Philips N.V. (Netherlands), FUJIFILM Corporation (Japan).

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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About

Diagnostic imaging equipment is used to diagnose several diseases such as cardiac disorders, orthopedic diseases, neurological disorders, kidney diseases, and musculoskeletal disorders.

The BRIC diagnostic imaging equipment market is expected to reach \$XX billion by 2018 from \$XX billion in 2013, at a CAGR of XX% from 2013 to 2018. Growth of the BRIC diagnostic imaging equipment market is primarily triggered by increasing research related to the development of technologically advanced and low-cost diagnostic imaging devices, rising prevalence of target diseases such as cancer and cardiac diseases, and growing public and private funding to improve healthcare facilities in emerging countries. However, high implementation costs of diagnostic imaging systems, side-effects of radiations emitted by diagnostic imaging devices, and shortage of helium (which negatively affects the supply of MRI scanners) are restraining the growth of this market. Furthermore, stringent regulatory environment, high import duties on imaging devices, and sustainability of players in the highly competitive market are some of the key challenges faced by the market players. However, improving healthcare infrastructure in emerging markets and increasing launches of technologically advanced imaging systems, with applications in multiple fields, are paving new growth avenues for players in the BRIC diagnostic imaging equipment market.

The growing localization of leading market players by establishing their research and development centers and manufacturing houses in the emerging economies is propelling the growth of the BRIC diagnostic imaging equipment market. For instance, in January 2014, Toshiba established a fully owned subsidiary, Toshiba Medical System R&D, in China. The purpose of this expansion was to develop highly competitive imaging products in a timely manner from China and to meet the global needs. Similarly, in June 2012, Phillips Healthcare commenced operations at its Phillips Development and Manufacturing Center for imaging systems in Pune, India. The new facility focuses on the development of diagnostic and interventional imaging solutions. It enabled the company to enhance its presence in the Indian market. In addition, in September 2011, GE Healthcare expanded its business by entering into an agreement with Russian Technologies State Corporation to set up a joint venture in Russia. It helped the company to manufacture and market high-tech diagnostic imaging equipment in Russia. The establishment of production and R&D facilities in BRIC countries helps global market players to avoid logistical obstacles such as high manufacturing costs and heavy import fees, which in turn enables them to offer

diagnostic imaging devices at competitive prices in these countries.

The ultrasound systems segment accounted for the largest share of XX% of the BRIC diagnostic imaging equipment market in 2013. This segment is poised to reach \$XX million by 2018 from \$XX million in 2013, at a CAGR of XX% during the forecast period. The highest CAGR will be shown by the BRIC MRI systems market—XX%, due to increasing adoption of high-end MRI systems in BRIC nations.

The X-ray systems segment commanded the largest share XX% of the BRIC diagnostic imaging equipment market, in terms of volume, in 2013. It is poised to reach XX units by 2018, at a CAGR of XX%. The nuclear imaging systems segment is expected to grow at the highest CAGR of XX% from 2013 to 2018, because of rising government efforts to increase population access to nuclear imaging facilities, and rising adoption of hybrid nuclear imaging systems (such as PET/CT and SPECT/CT) in BRIC nations.

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Product name: Diagnostic Imaging Market by Product (MRI (Open, Closed), Ultrasound (2D, 4D, Doppler), X-Ray (Digital, Analog), CT, SPECT, Hybrid PET, Mammography), Application (Ob/GYN, CVDs, Brain, Cancer), Enduser (Hospitals, Clinics), & Region Global Forecasts to 2028

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