

# **Pediatric Imaging Market Size, Trends, Analysis, and Outlook By Modality (Ultrasound, Magnetic Resonance Imaging (MRI), Computed Tomography (CT), X-ray, Others), By Application (Oncology, Cardiology, Orthopedics/ Trauma, Gastroenterology, Neurology, Others), By End-user (Hospitals, Diagnostic Centers, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Pediatric Imaging market size is poised to register 7.98% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Pediatric Imaging market across By Modality (Ultrasound, Magnetic Resonance Imaging (MRI), Computed Tomography (CT), X-ray, Others), By Application (Oncology, Cardiology, Orthopedics/ Trauma, Gastroenterology, Neurology, Others), By End-user (Hospitals, Diagnostic Centers, Others).

The Pediatric Imaging Market is witnessing growth driven by the increasing demand for diagnostic imaging modalities tailored to pediatric patients, the rising prevalence of pediatric diseases and congenital anomalies requiring imaging assessment, and technological advancements in pediatric radiology. Pediatric imaging involves the use of various modalities such as X-ray, ultrasound, MRI, CT scan, and nuclear medicine techniques for the diagnosis and management of pediatric conditions ranging from musculoskeletal injuries to congenital heart defects. Key trends shaping its future include the development of low-dose radiation protocols and pediatric-specific imaging techniques to minimize radiation exposure and enhance image quality in pediatric patients, the customization of imaging protocols with child-friendly features such as

sedation options, distraction techniques, and interactive imaging environments to reduce anxiety and improve cooperation during imaging procedures, and the integration of artificial intelligence (AI) algorithms and machine learning techniques for automated image analysis, anomaly detection, and diagnostic decision support in pediatric radiology. Additionally, factors such as the increasing adoption of digital imaging technologies and picture archiving and communication systems (PACS) in pediatric healthcare facilities, the expansion of pediatric imaging services in outpatient clinics and pediatric specialty centers, and the regulatory initiatives to promote pediatric radiation safety and imaging quality standards are expected to drive market growth in 2024 and beyond.

### Pediatric Imaging Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Pediatric Imaging market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Pediatric Imaging survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Pediatric Imaging industry.

### Key market trends defining the global Pediatric Imaging demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Pediatric Imaging Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Pediatric Imaging industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Pediatric Imaging companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Pediatric Imaging industry

Leading Pediatric Imaging companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Pediatric Imaging companies.

## Pediatric Imaging Market Study- Strategic Analysis Review

The Pediatric Imaging market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Pediatric Imaging Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Pediatric Imaging industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Pediatric Imaging Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe,

the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

**North America Pediatric Imaging Market Size Outlook- Companies plan for focused investments in a changing environment**

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Pediatric Imaging market segments. Similarly, Strong end-user demand is encouraging Canadian Pediatric Imaging companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Pediatric Imaging market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Pediatric Imaging Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Pediatric Imaging industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Pediatric Imaging market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Pediatric Imaging Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Pediatric Imaging in Asia Pacific. In particular, China, India, and South East Asian Pediatric Imaging markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese

and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Pediatric Imaging Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Pediatric Imaging Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Pediatric Imaging market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Pediatric Imaging.

**Pediatric Imaging Market Company Profiles**

The global Pediatric Imaging market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Agfa Healthcare, Carestream Health Inc, Fujifilm Holdings Corp, GE Healthcare, Koninklijke Philips N.V., Samsung Electronics Co. Ltd, Siemens Healthineers, Toshiba Medical Systems Corp

**Recent Pediatric Imaging Market Developments**

The global Pediatric Imaging market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

**Pediatric Imaging Market Report Scope**

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Modality

Ultrasound

Magnetic Resonance Imaging (MRI)

Computed Tomography (CT)

X-ray

Others

## By Application

Oncology

Cardiology

Orthopedics/ Trauma

Gastroenterology

Neurology

Others

## By End-User

Hospitals

Diagnostic Centers

Others

## Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Agfa Healthcare

Carestream Health Inc

Fujifilm Holdings Corp

GE Healthcare

Koninklijke Philips N.V.

Samsung Electronics Co. Ltd

Siemens Healthineers

Toshiba Medical Systems Corp

Formats Available: Excel, PDF, and PPT



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    - Computed Tomography (CT)

X-ray

Others

By Application

Oncology

Cardiology

Orthopedics/ Trauma

Gastroenterology

Neurology

Others

By End-User

Hospitals

Diagnostic Centers

Others

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Carestream Health Inc

Fujifilm Holdings Corp

GE Healthcare

Koninklijke Philips N.V.

Samsung Electronics Co. Ltd

Siemens Healthineers

Toshiba Medical Systems Corp

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