

# **Pediatric Medical Devices Market Report by Product (IVD Devices, Cardiology Devices, Anesthesia and Respiratory Care Devices, Neonatal ICU Devices, Monitoring Devices, Diagnostic Imaging Devices, Telemedicine, and Others), End User (Hospitals, Diagnostic Laboratories, Pediatric Clinics, and Others), and Region 2024-2032**

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## **Abstracts**

The global pediatric medical devices market size reached US\$ 38.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 75 Billion by 2032, exhibiting a growth rate (CAGR) of 7.5% during 2024-2032.

Pediatrics is the branch of medicine that is involved with the health and well-being of children, adolescents, and infants. Pediatric medical devices refer to equipment that is used to treat or diagnose diseases and conditions in children ranging from birth to the age of 21, primarily involving pulmonary, respiratory, and cardiac disorders. These medical tools and devices are specifically designed in a manner to suit children's body structures and functions. The five main categories of pediatric medical devices include in-vitro diagnostic (IVD), respiratory care, monitoring, cardiology, and neonatal ICU devices. Some of the most commonly used pediatric devices include transcutaneous oxygen or carbon dioxide monitors, mechanical ventilators, continuous positive airway pressure tubes, cardiorespiratory monitors, and baby thermometers.

**Pediatric Medical Devices Market Trends:**

The market is primarily driven by the rising incidences of chronic and infectious diseases, such as anemia, asthma, chickenpox, mumps, pneumonia, tuberculosis, diphtheria, leukemia, measles, whooping cough, and Lyme disease, among the

pediatric population. This has led to a considerable rise in the demand for advanced technologies for accurate diagnosis of such conditions, thereby fueling the market growth. Besides this, the escalating utilization of 3D medical imaging equipment in pediatric radiology is favorably impacting the market on the global level. Moreover, the increasing preterm birth rates are significantly contributing to the growth of the market. The market is also driven by various technological advancements and the widespread adoption of portable devices for home healthcare services. Furthermore, favorable initiatives undertaken by the governments of numerous countries, the introduction of attractive medical reimbursement programs, and the growing investments in research and development (R&D) activities by several key players are some of the other factors providing an impetus to the market.

#### Key Market Segmentation:

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

#### Breakup by Product:

- IVD Devices
- Cardiology Devices
- Anesthesia and Respiratory Care Devices
- Neonatal ICU Devices
- Monitoring Devices
- Diagnostic Imaging Devices
- Telemedicine
- Others

#### Breakup by End User:

- Hospitals
- Diagnostic Laboratories
- Pediatric Clinics
- Others

#### 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 Abbott Laboratories, Atom Medical Corporation, Baxter International Inc., Cardinal Health Inc., Fritz Stephan GmbH, General Electric Company, Hamilton Medical (Hamilton Company), Koninklijke Philips N.V., Medtronic plc, Siemens AG and Stryker Corporation.

#### Key Questions Answered in This Report

1. What was the size of the global pediatric medical devices market in 2023?
2. What is the expected growth rate of the global pediatric medical devices market during 2024-2032?
3. What are the key factors driving the global pediatric medical devices market?
4. What has been the impact of COVID-19 on the global pediatric medical devices market?

5. What is the breakup of the global pediatric medical devices market based on the product?
6. What is the breakup of the global pediatric medical devices market based on the end user?
7. What are the key regions in the global pediatric medical devices market?
8. Who are the key players/companies in the global pediatric medical devices market?

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