

Pediatric Medical Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global pediatric medical devices market size reached US\$ 35.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 59.1 Billion by 2028, exhibiting a growth rate (CAGR) of 8.3% during 2023-2028.

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 2023-2028. 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:

How has the global pediatric medical devices market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global pediatric medical devices market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global pediatric medical devices market and who are the key players?

What is the degree of competition in the industry?

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