

North America Pediatric Masks Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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Abstracts

The North America pediatric masks market was valued at approximately \$304.26 million in 2023 and is projected to grow to around \$447.54 million by 2031, reflecting a compound annual growth rate (CAGR) of 4.9% during the forecast period.

Increasing Incidence of Respiratory Disorders

The rise in respiratory diseases among children is a significant factor driving the demand for pediatric masks in North America. Children are particularly vulnerable to respiratory conditions due to environmental factors. Common ailments include asthma, influenza, pneumonia, bronchitis, and chronic obstructive airway diseases. Pneumonia, in particular, is a leading cause of mortality among children, with UNICEF reporting that over 700,000 children die from pneumonia each year worldwide. In the United States, approximately 4.6 million children were diagnosed with asthma in 2021, leading to around 500,000 hospitalizations annually due to this condition, according to the American College of Allergy, Asthma & Immunology.

The increasing number of healthcare facilities, including hospitals, intensive care units (ICUs), clinics, and ambulatory surgical centers, is also contributing to the growth of the pediatric masks market. The American Hospital Association noted a rise in the number of hospitals in the U.S., from 6,090 in 2021 to 6,120 in 2024. Additionally, various initiatives by government and healthcare organizations aim to raise awareness about asthma and respiratory health. For example, the National Asthma Control Program (NACP) by the CDC focuses on asthma surveillance and research to mitigate the disease's impact.

Overview of the North America Pediatric Masks Market

In North America, the United States dominates the pediatric masks market, driven by the high prevalence of asthma, pneumonia, and sleep apnea among children. The demand for innovative pediatric masks that enhance treatment quality is also on the rise. The CDC reported that approximately 4.6 million children in the U.S. had asthma in 2021. Furthermore, the March of Dimes Organization indicated that there were 380,548 preterm births in the U.S. in 2022, accounting for 10.4% of live births. Pediatric masks are essential for assisting preterm infants with their breathing needs, further boosting market demand.

Leading companies in the U.S. pediatric masks market, such as SunMed, ResMed, and Fisher & Paykel, are actively pursuing strategic initiatives to align their operations with market needs. For instance, Dynarex Corporation introduced a new line of portable respiratory therapy products called Dynarex Resp-O2 in April 2024.

Market Segmentation Analysis

The North America pediatric masks market is segmented based on product type, modality, end user, and country:

Product Type: The market is divided into oxygen masks, nasal cannulas, sleep apnea masks, and others. In 2023, the oxygen mask segment held the largest market share.

Modality: The market is categorized into disposable and reusable masks, with the disposable segment accounting for a larger share in 2023.

End Users: The market is segmented into hospitals, specialty clinics, ambulatory surgical centers, diagnostic centers, and others, with hospitals holding the largest share in 2023.

Country: The market is divided into the U.S., Canada, and Mexico, with the U.S. leading in market share in 2023.

Key Players in the Market

Prominent companies operating in the North America pediatric masks market include Ambu AS, Armstrong Medical Ltd, Besmed Health Business Corp, BLS Systems Limited, Circadiance, Dragerwerk AG & Co KGaA, Dynarex Corp, Fisher & Paykel Healthcare Corp Ltd, Flexicare (Group) Limited, Intersurgical Ltd, Koninklijke Philips NV, ResMed Inc, Sleepnet Corporation, and SunMed Group Holdings LLC (AirLife). These companies are pivotal in shaping the market through innovation and strategic initiatives.

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