

Surgical Mask And Respirators - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Surgical Mask And Respirators Market size is estimated at USD 6.88 billion in 2025, and is expected to reach USD 10.15 billion by 2030, at a CAGR of 8.08% during the forecast period (2025-2030).

The COVID-19 pandemic significantly impacted the surgical mask and respirators market. Medical professionals and healthcare workers urgently needed masks and respirators to protect themselves and their patients, leading to a massive increase in production and distribution efforts by many companies. For instance, in February 2021, Filti launched its NF95 Respirator in America. The pre-certified NF95 Respirators were constructed using the company's state-of-the-art nanofiber technology and have proven to filter 95% of aerosolized, airborne particles like COVID-19 moving through the material. This led to the general public adopting masks and respirators as a preventive measure. In the post-pandemic period, while the demand for masks and respirators is expected to decrease from peak levels, however, due to increased awareness and preparedness, the need for surgical masks and respirators is expected to grow. The experience gained during the pandemic has emphasized the importance of masks and respirators in healthcare settings and public spaces. This may lead to continued use and demand for masks and respirators over the forecast period.

An increasing number of surgical procedures are the key driving factor for the market's growth because it leads to increase utilization of surgical masks by healthcare professionals to create a physical barrier against blood and to reduce the chances of infection. For instance, according to the data published by the OECD, in August 2022, about 94.87 thousand surgeries were performed in Portugal 2021, followed by 49.33 thousand in Denmark, 32.84 thousand in Ireland, and 21.5 thousand in Norway. Additionally, the ASPS data updated in February 2022 reported that in 2021, more than 13 million cosmetic procedures were performed in the United States, among which botulinum toxin remained the top procedure with 4.4 million procedures, followed by soft tissue filler (3.4 million) and Laser Skin Resurfacing (997.3 thousand). Thus, the growing popularity of aesthetic treatment

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for facial enhancement is the key market driver. Thus, with an increase in surgeries, the demand for surgical masks also increases, thereby driving market growth.

Furthermore, the key market players took various initiatives to increase the product footprint, such as product launches, mergers, acquisitions, and partnerships. Hence, the market is expected to grow during the forecast period. For instance, in March 2022, Honeywell helped to meet the needs of healthcare workers launched two new NIOSH-certified respiratory offerings; one is the next generation of the surgical N95 respirator named as DC365 Small Surgical N95 Respirator to help protect frontline workers who need a smaller sized surgical N95. Another is a new half-mask respirator that belongs to the RU8500X series. Such launches are expected to contribute to the growth of the market.

Hence, the surgical mask and respirators market is anticipated to grow over the forecast period due to the increasing number of surgeries, the growing burden of allergies, and airborne disease. However, a rise in concerns about disposal will hinder the market's growth.

Surgical Mask and Respirators Market Trends

N-Series Respirators Segment Expected to Register a Highest CAGR in the Market Over the Forecast Period

N- Series respirator is designed to protect against non-oil-based particulates such as dust, pollen, and airborne pathogens like viruses. The N-Series respirators segment is expected to witness significant growth in the studied market over the forecast period owing to the factors such as rising cases of airborne infectious diseases, which led to a growing awareness among the general population about the importance of wearing effective protective masks. For instance, according to an article published by Spring Nature in February 2023, the world is witnessing an increasing number and geographical expansion of emerging airborne viral infectious disease outbreaks. Furthermore, according to the World Health Organization update of October 2022, an estimated 10.6 million people fell ill with tuberculosis(TB) worldwide, which includes 6 million men, 3.4 million women, and 1.2 million children in 2021. Hence, with an increase in airborne infectious, the demand for N-series respirators increases, thereby driving the market growth.

Due to the convenience of online networks for distributing their products and accepting orders, manufacturers of N95 masks utilize an online distribution network. By leveraging a robust online network, they can efficiently reach a wide range of customers, streamline the ordering process, and effectively serve the surgical mask and respirators market. For instance, in December 2021, Bielcor began offering free two-day shipping of N95 Masks, ahead of the omicron variant, on orders directly through its website. Such an initiative is expected to drive the market growth.

The rising company activities in developing N-series respirators and increasing product launches also contribute to the market growth. For instance, in January 2022, the Saudi Mais Company, in collaboration with Demas Factory, launched the N95 masks in Saudi Arabia. Similarly, in March 2021, ST Engineering launched a new high-performance AIR+ Reusable Mask which provides N95-grade filtration and anti-microbial protection against PM2.5 particles, haze, bacteria, and viruses.

Thus, the studied market is expected to grow over the forecast period due to the factors such as rising cases of airborne infectious diseases and increasing company activities in developing N-series respirators.

North America is Expected to Hold a Significant Share in the Market Over the Forecast Period

North America is expected to dominate the surgical masks and respirators market due to the factors such as the growing adoption of surgeries and increasing awareness among the population regarding the use of protective gear. For instance, an article by the National Library of Medicine published in January 2023 reported that more than 3 million surgeries are performed annually in the

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country. Also, according to the report published by the National Institute of Statistics and Geography Health Statistics in 2021, around 313,104 cesarean sections were performed in private health establishments, corresponding to 24% of surgical medical procedures in 2021 in Mexico. Thus, with the high number of surgical procedures, the demand for surgical masks and respirators increases, leading to market growth in the region.

According to the CDC update in 2022, coronary heart disease is the most common type of heart disease; approximately 20.1 million adults of age 20 and older have the disease in the United States. Thus, with the high burden of coronary heart disease, the need for surgery also increase, driving the demand for surgical mask and respirators in the region.

Furthermore, government initiatives and high regional healthcare expenditures to increase the product footprint promote market growth. For instance, in January 2022, the United States government distributed 400 million free N95 masks at CVS, Walgreens. Such regional initiatives are also likely to propel the market growth over the forecast period.

Thus, owing to the factors such as the growing adoption of surgeries and government initiatives, the studied market is expected to grow over the forecast period.

Surgical Mask and Respirators Industry Overview

The surgical mask and respirators market is competitive and consists of several major players. Some of the key players in the market are Kwalitex Healthcare Pvt Ltd, 3M Company, Cartel Healthcare Pvt. Ltd, Magnum Health and Safety Pvt. Ltd, Mediblu Health Care Private Limited, Medline Industries Inc., Plasti Surge Industries Pvt. Ltd, Premium Health Care Disposables Private Limited, and Thea-Tex Healthcare (India) Pvt. Ltd, among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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