

Personal Protective Equipment Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-07-15 | 150 pages | EMR Inc.

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Report description:

The global personal protective equipment market attained a value of USD 72.51 Billion in 2024. The market is further expected to grow at a CAGR of 5.70% between 2025 and 2034, to reach a value of USD 126.23 Billion by 2034.

Personal Protective Equipment Market Growth

Personal protective equipment, also known as PPE, refers to the gear worn by workers in hazardous environments to minimise the risk of getting injured, exposure to contaminants, or catching an infection or illness. This type of equipment provides protection against exposures to chemical, physical, mechanical, and electrical hazards, among others.

The personal protective equipment (PPE) market development is influenced by the increasing need for respiratory equipment in mining, emergency response, military, law enforcement, healthcare, and fire services, coupled with rising instances of hand injuries at the workplace. Additionally, rising awareness about hygiene to prevent pathogen transmission in healthcare facilities is expected to drive the adoption of PPE.

Key Trends and Developments

Rising demand for smart PPE, influx of health diseases and contagious virus, and introduction of strict standards for worker's safety are factors shaping the personal protective equipment market

June 2024

The CWB Foundation has launched the CWB WeldSAFE Career Kickstart Award to provide new welding professionals in Canada with essential personal protective equipment (PPE), such as a welding helmet, jacket, and gloves.

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June 2024

The Indian government plans to fund startups developing advanced technical textiles, including personal protective equipment (PPE) kits, masks, and safety gears. This initiative aims to boost the domestic production of high-quality PPE and reduce reliance on imports.

May 2024

Penn Hills VFD has received USD 50,000 to purchase personal protective equipment (PPE) for guarding firefighters from cancer-causing carcinogens. The grant will help the department upgrade its PPE to ensure firefighters are adequately protected during emergency responses.

May 2024

Jackson Township in Pennsylvania has spent USD 64,000 to purchase new protective equipment from Phoenix Safety Outfitters for its firefighters. The new gear includes helmets, coats, pants, and gloves designed to provide better protection against heat, flames, and other hazards.

Increasing demand for smart PPE

There is a growing trend towards incorporating sensors and data analytics into PPE to monitor worker health, location, and environmental conditions in real-time. For example, smart hard hats with built-in cameras and sensors can detect potential hazards and alert workers.

Focus on comfort and aesthetics

Traditional PPE is often bulky and unattractive, leading workers to avoid wearing it. However, protective clothing now features moisture-wicking fabrics and ergonomic cuts for better mobility, appeal, and comfort. The recognition of comfortable, lightweight, and stylish PPE leads to higher usage rates and better protection for workers.

Stringent government regulators for worker safety

Governments around the world are implementing stricter regulations and standards for PPE to ensure worker safety and product quality. In Europe, the EU has the PPE Regulation (EU) 2016/425, which has set safety standards. Such regulations have augmented personal protective equipment market growth.

Development of reusable PPE

Traditional PPE, such as disposable masks and gloves, has contributed to a significant increase in medical waste during the COVID-19 pandemic. In response, manufacturers are designing PPE that can be sanitised, repaired, and reused, reducing the need for single-use products.

Personal Protective Equipment Market Trends

Increasing prevalence and awareness of contagious illnesses, such as bird flu is enhancing the demand for PPE in the healthcare sector to prevent the further spread of illness and to prevent healthcare workers from falling ill. Furthermore, the growth of

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industries such as manufacturing, construction, chemicals, oil & gas, and transportation, which require the use of PPE, is also contributing to the personal protective equipment market expansion.

Additionally, rapid development of residential and commercial structures and industrial facilities, highways, and railway lines, is expected to boost the demand for personal protective equipment in the forecast period. Also, the growing research and development activities across laboratories, pharmaceutical facilities, and chemical plants are leading to development of new PPE with better features.

Personal Protective Equipment Industry Segmentation

The EMR's report titled "Personal Protective Equipment Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Product Type

- Head Protection
- Eye and Face Protection
- Hearing Protection
- Protective Clothing
- Respiratory Protection
- Protective Footwear
- Fall Protection
- Hand Protection
- Others

Market Breakup by End-Use

- Construction and Mining
- Manufacturing
- Oil and Gas
- Chemicals
- Food
- Healthcare and Pharmaceuticals
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Personal Protective Equipment Market Share

Head PPE accounts for the larger share as without protection, workers can experience severe head injuries

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The head protection segment, based on product type, accounts for a healthy share of the market. Head is a critical part of the human body which when harmed, can lead to long term damage to the health of the person. Head equipment can protect against falling debris, low hanging objects, or heavy materials which can cause a severe concussion. Head equipment is used across various sectors including construction and mining, manufacturing, and oil and gas, among others.

Meanwhile, the eye and face protection segment in personal protective equipment market report is expected to witness a healthy growth in the forecast period, owing to the increasing prevalence of retinal injuries which pose a high risk of permanent eye damage. As per industry reports, workers who wore PPE reduced their risk of eye injuries by 90%, which showcases the crucial role PPE plays in ensuring worker's safety.

Healthcare segment has witnessed rapid adoption of PPE to reduce exposure of diseases and chemicals

Based on end-use, the healthcare and pharmaceuticals segment occupies a significant personal protective equipment market share. The increasing demand for personal protective equipment, such as shoe covers, gowns, eye protection and gloves, and face masks across hospitals and ambulatory surgical centres, is driving the segment's growth.

In addition, the growing awareness pertaining to the increasing prevalence of hospital acquired contaminations is further boosting the demand for personal protective equipment (PPE). Meanwhile, the pharmaceutical sector is witnessing heightened investments in research and development activities which are increasing the demand for the PPE to prevent the exposure to harmful chemicals or bio pharmaceuticals.

Leading Companies in the Personal Protective Equipment Market

Market players are focused on offering customised products with advanced features like face protection glasses, night lamp holders, and sensors to ensure workers' safety

The 3M Company

The 3M Company is a multinational conglomerate which offers electronics and materials, automotive parts and hardware, building materials, cleaning supplies, coatings, dental and orthodontics, and lubricants. The company caters to the demands of design and construction, manufacturing, and safety. Founded in 1902, the headquarters of the company is in Minnesota, United States.

Honeywell International Inc.

Honeywell International Inc. is a leading multinational conglomerate corporation which caters to the safety demands of oil and gas, energy, aerospace, retail, and innovation, among others. The company provides expertise on building management, control panels, and electrical wiring. It is headquartered in North Carolina, United States and was established in 1906.

Cardinal Health Inc.

Cardinal Health Inc. is a prominent healthcare company which manufactures high-end medical supplies including laboratory products, infection control solutions, OEM medical speciality products, and patient monitoring systems. The company was founded in the year 1971 and is currently headquartered in Ohio, United States.

Kimberly-Clark Corporation

Kimberly-Clark Corporation was founded in 1872 and is headquartered in Texas, United States. The company offers disposable

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diapers, baby wipes , feminine care products, tissues, paper towels , PPE, and sanitisers. Some of Kimberly-Clark's well-known brands include Kleenex, Kotex, Scott, Depend, Huggies, and Pull-Ups.

Other key players in the global personal protective equipment market include Dynarex Corporation, W.W. Grainger, Inc., DuPont de Nemours, Inc., Wurth Group, MSA Safety Incorporated, Radians, Inc., Ansell Ltd., and Avon Protection plc, among others.

Personal Protective Equipment Market Analysis by Region

North American market is driven by stringent safety regulations and a strong emphasis on worker safety

North America is the largest market for personal protective equipment, driven by stringent safety regulations and a strong emphasis on worker safety. This has led to a high demand for PPE products, particularly in industries such as construction, manufacturing, and healthcare.

Asia Pacific is the second-largest market for PPE, driven by rapid industrialisation. The region includes countries like China, Japan, and India, which have significant manufacturing and construction sectors. This has led to a growing demand for PPE products to protect workers in these industries.

More Insights On

Latin America Personal Protective Equipment Market

Brazil Protective Equipment Market

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