

HEALTHCARE & LIFESCIENCES

MARKET TRENDS, INDUSTRY NEEDS, LOGISTICS SOLUTIONS



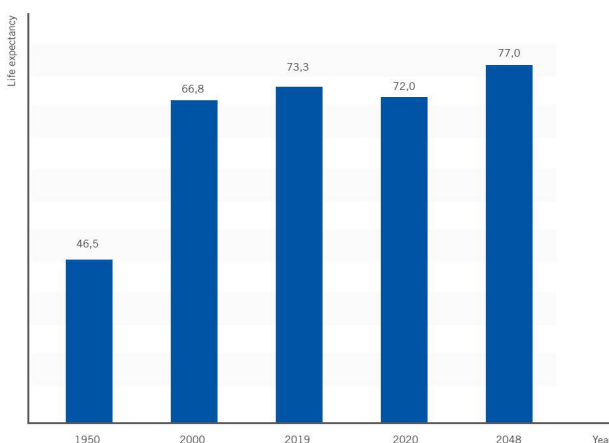
**it's not a product,
it's a patient**





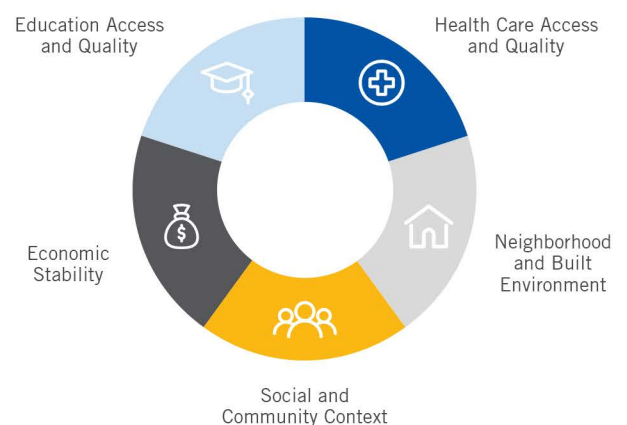
FACTORS SUCH AS POPULATION GROWTH, AGEING POPULATIONS, AND THE PREVALENCE OF CHRONIC DISEASES IMPACT THE DEMAND FOR HEALTHCARE SERVICES.

LIFE EXPECTANCY AT BIRTH, WHO REGIONS AND GLOBAL, 1950–2048 [WHO]



World Health Organization: World Health Statistics 2023

HEALTHY PEOPLE 2030 SOCIAL DETERMINANTS OF HEALTH DOMAINS



U.S. Department of Health and Human Services

As global life expectancy increases, factors such as healthy lifestyle choices, access to quality healthcare, regular screenings, social engagement, and a supportive environment play crucial roles in preserving good health and well-being.

MORE THAN 10%

OF PATIENTS' HOUSEHOLD BUDGET IS SPENT ON HEALTH SERVICES

15 MILLION

HEALTH WORKERS (2020)

77 YEARS

IS THE PROJECTED GLOBAL LIFE EXPECTANCY BY 2048

KEY MARKET TRENDS FOCUS ON ENHANCING PATIENT CARE, COST REDUCTION AND STAYING AT THE FOREFRONT OF INNOVATION:

● DIGITAL HEALTH SOLUTIONS

Integration and utilization of digital technologies to improve various aspects of healthcare delivery, patient care, and data analysis.

This will result in **improved patient care, increased efficiency, cost savings, data-driven insights, patient empowerment, and competitive advantage.**

● PERSONALIZATION

More effective, efficient and patient-centred care by considering their unique characteristics, medical history, genetic information, and more.

By tailoring services to individual needs, preferences, healthcare professionals can **optimize outcomes, improve patient satisfaction, and enhance overall healthcare experiences.**

● PATIENT PRIVACY

With the increased digitization and interconnectedness of healthcare systems, the protection of patient data has become a significant concern.

By investing in healthcare, companies can fulfill their ethical, legal, and regulatory obligations, **maintain patient trust, protect sensitive information, mitigate financial risks, and foster a secure and reliable healthcare ecosystem.**

● TELEMEDICINE

Leverage technology to provide medical services, consultations, and healthcare monitoring remotely.

The trend evolved during the COVID-19 pandemic, providing convenient and safe alternatives to traditional in-person care. It may **revolutionize healthcare delivery, improve access to quality care, and enhance patient outcomes while reducing costs and increasing efficiency.**

● PATIENT-CENTRIC CARE

Actively involving patients in decision-making, fostering patient engagement, and providing a more personalized healthcare experience.

By prioritizing patient needs and preferences, healthcare organizations can achieve better outcomes, **enhance patient satisfaction, promote engagement, improve care coordination, and adapt to evolving regulatory requirements.**

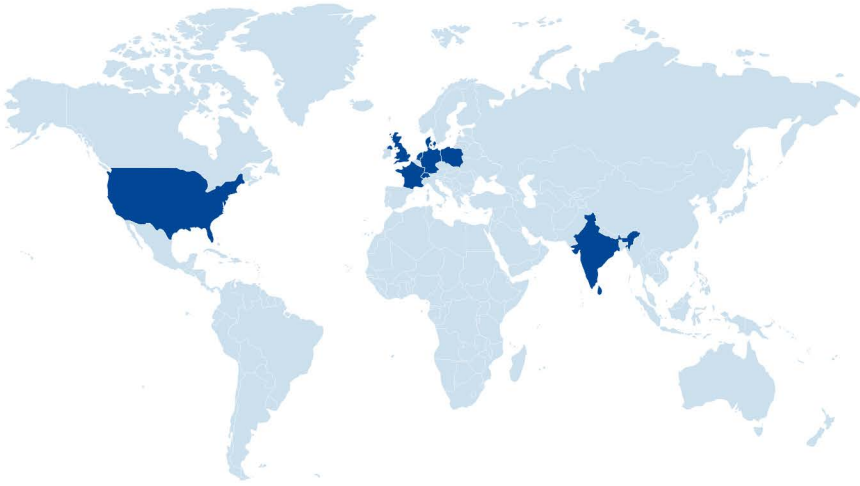
● SUSTAINABILITY

Adopting environmentally friendly practices, reducing waste and promoting resource efficiency to ensure long-term environmental and public health.

Companies include sustainable practices into their operations to **reduce environmental stewardship, meet cost savings and for regulatory compliance, stakeholder engagement and long-term business resilience.**

THINGS YOU SHOULD KNOW ABOUT HEALTHCARE & LIFESCIENCES AT

RHENUS WAREHOUSING SOLUTIONS:



9 COUNTRIES

AROUND THE WORLD

28 WAREHOUSES

MULTI-USER AND DEDICATED
LOGISTICS CENTRES

300,000 SQM

SPACE IN TOTAL

The heart of the Healthcare and Lifesciences industry beats within the walls of our warehouses, where every shipment carries the potential to save a life.

YOLONDA LAWRENCE

GLOBAL BUSINESS DEVELOPMENT
DIRECTOR HEALTHCARE & LIFESCIENCES



WHAT IS PART OF THIS INDUSTRY?

MEDICAL DEVICES: CLASS I, II, III

Devices with low to moderate risk, moderate to high risk or high risk to the patient or user.

PHARMACEUTICAL PACKAGING

Three types of packaging: primary, secondary and tertiary.

FACTORY LOGISTICS

Organizing and managing the storage and movement of materials and finished products within a manufacturing plant.

COLD-CHAIN PHARMA

Temperature-controlled storage at refrigerated, frozen or ultra-frozen conditions.

CLEAN ROOM

A controlled environment where pollutants are filtered out to provide the cleanest area possible.

STORAGE AND DISTRIBUTION FOR HEALTHCARE & LIFESCIENCES MUST MEET THE EVOLVING INDUSTRY DEMANDS.



SUSTAINABLE PRACTICES

Using renewable energy sources, optimising packaging materials, and adopting environmentally friendly disposal methods that help reduce waste and minimize energy consumption.



REGULATORY COMPLIANCE

Certified, quality-driven facilities, and dedicated systems are a critical concern for storing and handling pharmaceuticals, medical devices, and other healthcare-related products.



TEMPERATURE CONTROL

Temperature-controlled zones and packaging to maintain the efficacy and safety of particular pharma products, such as vaccines, biologics, and medications.



SPECIAL HANDLING

Due to fragility, hazardous nature, or sensitivity to light, some goods need to be handled and packaged differently, following industry best practices and safety guidelines.



ORDER FULFILLMENT

Best systems, streamlined processes and technologies in place ensure quick and accurate picking, packing, and shipping of healthcare products,



SUPPLY CHAIN VISIBILITY

Seamless integration, as well as compatibility with healthcare information systems to ensure facilitate efficient order processing and facilitate.

EFFICIENT SOLUTIONS FOR HEALTHCARE & LIFESCIENCES REQUIRE A DEEP UNDERSTANDING OF THE DISTINCTIVE CHALLENGES AND REQUIREMENTS OF THIS INDUSTRY.

- Disruption of the supply chain due to pandemic
- Increasing labor costs and wages
- Struggle in finding end-to-end supply chain provider
- Lack of automation experts
- Lack of control tower

THE TEAM OF EXPERTS EXPERIENCED IN GLOBAL PROJECTS AND LOCAL SUPPORT ENABLE US TO OFFER TAILORED SOLUTIONS:

- Logistics for medical devices
- Order-to-Cash
- Returns management
- Pharma packaging logistics
- Pharma logistics including cold chain
- In-house (factory) logistics for medical equipment

CONTACT US

Rhenus Warehousing Solutions Netherlands

ws.info@nl.rhenus.com

www.rhenus.group/nl/en/