

Healthcare Cold Chain Third Party Logistics Market Size, Share & Trends Analysis Report By Service (Warehousing & Storage, Packaging Solutions), By Product (Biopharmaceuticals), By Temperature Range, By End Use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Healthcare Cold Chain Third Party Logistics Market Growth & Trends

The global healthcare cold chain third party logistics market size is expected to reach USD 66.12 billion by 2030, growing at a CAGR of 7.64% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is driven by increasing reliance on biopharmaceuticals and other temperature-sensitive products. Biopharmaceuticals require stringent temperature controls to maintain efficacy, making cold chain logistics indispensable. Moreover, the growing prevalence of chronic diseases, along with the demand for precision medicine and gene therapies, has boosted the need for reliable temperature-controlled transportation. In addition, regulatory requirements for the storage and handling of biologics further emphasize the role of specialized logistics providers in ensuring compliance and product safety. In addition, pharmaceutical and biopharmaceutical companies are increasingly focusing on expanding into emerging markets to strengthen their market position. Emerging countries are witnessing increasing demand for high-value drugs, necessitating robust cold storage and transportation networks. This expansion is driving investments in infrastructure, including temperature-controlled warehouses and specialized transportation fleets. In addition, strategic partnerships between pharmaceutical firms and 3PL providers are becoming more common to ensure

seamless global distribution.

Key market players are adopting various strategies to strengthen their position in the healthcare cold chain logistics market. These include expanding global networks, investing in cutting-edge cold storage facilities, and leveraging digital solutions for enhanced tracking and compliance. Strategic mergers, acquisitions, and partnerships are also shaping the competitive landscape, allowing companies to extend their market reach and service capabilities. In February 2024, FedEx mentioned its new FedEx Life Science Center in India, which will support the clinical trial logistics & storage requirements of healthcare customers in the Indian market & those shipping to India from around the world.

Healthcare Cold Chain Third Party Logistics Market Report Highlights

Based on service, transportation dominated the market due to the increasing global demand for temperature-sensitive pharmaceutical products, including biologics, vaccines, and specialty drugs

Based on the product, biopharmaceuticals held the largest market share in 2024 due to the rising demand for biologics, cell and gene therapies, and monoclonal antibodies. These temperature-sensitive products require stringent storage and transportation conditions

Based on temperature range, frozen held the largest market share in 2024 due to stringent regulatory guidelines and compliance requirements that have pushed pharmaceutical companies to adopt advanced frozen storage and transportation solutions, ensuring product integrity

Based on end use, pharmaceutical & biopharmaceutical companies held the largest market share in 2024 due to their high reliance on temperature-controlled storage and transportation for biologics and specialty drugs

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