

# **Cold Storage Market Forecasts to 2032 – Global Analysis By Type (Warehouse and Equipment), Temperature Range, Warehouse Type, Application and By Geography**

<https://marketpublishers.com/r/CB3B6A2B0924EN.html>

Date: January 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: CB3B6A2B0924EN

## **Abstracts**

According to Statistics MRC, the Global Cold Storage Market is accounted for \$186.65 billion in 2025 and is expected to reach \$469.93 billion by 2032 growing at a CAGR of 14.1% during the forecast period. Cold storage is a specialized infrastructure that uses regulated low temperatures to protect and conserve sensitive products over extended periods. By carefully controlling cooling and humidity levels, it helps retain freshness, nutritional value, and safety of items including food commodities and medical supplies. The controlled environment suppresses spoilage, delays degradation, and limits bacterial activity. As a result, cold storage is essential for efficient logistics, reduced wastage, reliable stock management, and uninterrupted delivery of quality goods from producers to end users.

According to the Global Cold Chain Alliance (GCCA), in March 2023, NICHIREI CORPORATION ranked fifth in temperature-controlled space operated among GCCA members.

### **Market Dynamics:**

Driver:

Expansion of E-commerce & online groceries

Consumers increasingly prefer home delivery of fresh, frozen, and ready-to-eat food products, requiring reliable temperature-controlled storage across the supply chain.

Retailers and third-party logistics providers are expanding cold warehouses to support last-mile delivery and inventory buffering. The rise of quick-commerce and same-day delivery models further intensifies the need for strategically located cold storage facilities. Growth in direct-to-consumer food brands is also driving investments in modern refrigerated storage solutions. Digital platforms are enabling better demand forecasting, increasing throughput requirements for cold storage operators. As online food retail continues to scale, cold storage has become a critical backbone of the digital food ecosystem.

Restraint:

#### High energy consumption & operating costs

Electricity costs account for a major portion of operating expenses, directly impacting profit margins. Older facilities with inefficient insulation and legacy cooling systems face higher energy losses. Rising labor costs and maintenance expenses further add to operational challenges. Compliance with environmental and safety regulations increases capital and operating burdens for operators. Smaller players often struggle to invest in energy-efficient technologies due to high upfront costs. These factors collectively restrain market expansion, especially in price-sensitive regions.

Opportunity:

#### Adoption of automation & AI

Automated storage and retrieval systems are improving space utilization and reducing manual handling errors. AI-driven temperature monitoring enables real-time optimization of energy consumption and equipment performance. Predictive maintenance tools help minimize downtime and extend asset life. Robotics and conveyor systems are enhancing throughput in high-volume cold warehouses. Data analytics supports demand forecasting and inventory optimization across perishable goods. As operational efficiency becomes a priority, technology-enabled cold storage facilities are gaining competitive advantage.

Threat:

#### Fluctuating energy prices & grid instability

Volatile energy prices pose a major threat to the cold storage industry due to its

dependence on uninterrupted power supply. Sudden increases in electricity tariffs can significantly raise operating costs. Grid instability and power outages risk temperature deviations, leading to product spoilage and financial losses. Dependence on fossil fuel-based energy also exposes operators to regulatory and carbon pricing risks. Backup power systems increase capital expenditure and maintenance complexity. In developing regions, unreliable grid infrastructure further limits large-scale cold storage deployment.

### **Covid-19 Impact:**

Disruptions in global supply chains initially affected construction and expansion of cold storage facilities. However, demand surged due to panic buying, increased frozen food consumption, and vaccine storage requirements. Pharmaceutical cold chains gained strategic importance for storing temperature-sensitive vaccines and medical supplies. Labor shortages accelerated interest in automation and remote monitoring solutions. The pandemic highlighted vulnerabilities in food logistics and cold infrastructure gaps. Post-pandemic strategies now emphasize resilience, decentralization, and technology adoption in cold storage networks.

The bulk storage segment is expected to be the largest during the forecast period

The bulk storage segment is expected to account for the largest market share during the forecast period, due to its extensive use across food processing and distribution industries. Large-scale facilities are essential for storing meat, seafood, dairy, fruits, and vegetables in high volumes. Bulk cold storage supports seasonal inventory management and price stabilization. Food manufacturers rely on these facilities to maintain product quality before downstream distribution. Economies of scale make bulk storage more cost-effective for large operators. Expansion of organized retail and food exports further strengthens demand for bulk cold warehouses.

The pharmaceuticals & healthcare segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the pharmaceuticals & healthcare segment is predicted to witness the highest growth rate, due to rising demand for temperature-sensitive medical products. Vaccines, biologics, and specialty drugs require precise cold chain management. Growth in clinical trials and biopharmaceutical production is increasing storage requirements. Healthcare systems are prioritizing cold storage compliance to meet stringent quality standards. Expansion of immunization programs is further driving

refrigerated storage needs. Advanced monitoring and validation technologies are being widely adopted in this segment.

### **Region with largest share:**

During the forecast period, the North America region is expected to hold the largest market share, due to its well-established cold chain infrastructure. The region has a strong presence of organized food retail and large logistics providers. High consumption of frozen and processed foods sustains continuous demand for cold storage. Advanced refrigeration technologies and automation adoption are widespread across facilities. Strong investment capacity enables rapid modernization and expansion of warehouses. Stringent food safety regulations further support demand for reliable cold storage solutions.

### **Region with highest CAGR:**

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to rapid urbanization and changing dietary habits. Rising middle-class populations are driving demand for frozen and packaged foods. Growth of e-commerce grocery platforms is accelerating cold storage investments. Governments are supporting cold chain development to reduce food wastage. Expansion of pharmaceutical manufacturing is increasing demand for medical cold storage. Infrastructure development and foreign investments are strengthening regional capacity.

### **Key players in the market**

Some of the key players in Cold Storage Market include Lineage Lo, Kloosterbe, Americold, AGRO Mer, United Sta, VersaCold, NewCold, Congebec, Nichirei Lo, Conestoge, Constellat, Snowman, Emergent, Interstate, and FreezPak.

### **Key Developments:**

In August 2025, Americold Opens First Import-Export Hub in Partnership with CPKC, Unlocking a New Era of Food Flow Across North America. Developed in partnership with Canadian Pacific Kansas City, the 335,000-square-foot facility is Americold's first on the CPKC rail network and a key hub for the Mexico Midwest Express (MMX), North America's only single-line rail service for refrigerated goods between the U.S. and Mexico.

In April 2025, Lineage, Inc. announced its acquisition of three warehouses totaling approximately 24 million cubic feet and 85 thousand pallet positions from Bellingham Cold Storage (“BCS”). The acquired assets include three locations on the west coast of Washington State: the Bellingham Waterfront Warehouse Center, the Orchard/I-5 Warehouse Center and the Burlington Dry location.

#### Types Covered:

Warehouse

Equipment

#### Temperature Ranges Covered:

Chilled (0°C to 15°C)

Frozen (-18°C to -25°C)

Deep-Frozen / Ultra-Low (

#### Warehouse Types Covered:

Bulk Storage

Production Stores

Ports & Dock Storage

#### Applications Covered:

Food & Beverages

Pharmaceuticals & Healthcare

Chemicals

Other Applications

## Regions Covered:

### North America

US

Canada

Mexico

### Europe

Germany

UK

Italy

France

Spain

Rest of Europe

### Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

*Cold Storage Market Forecasts to 2032 – Global Analysis By Type (Warehouse and Equipment), Temperature Range,...*

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL COLD STORAGE MARKET, BY TYPE**

*Cold Storage Market Forecasts to 2032 – Global Analysis By Type (Warehouse and Equipment), Temperature Range,...*

- 5.1 Introduction
- 5.2 Warehouse
  - 5.2.1 Refrigerated Warehouse
    - 5.2.1.1 Private & Semi-Private
    - 5.2.1.2 Public
  - 5.2.2 Cold Room
- 5.3 Equipment
  - 5.3.1 Blast Freezers
  - 5.3.2 Walk-in Coolers & Freezers
  - 5.3.3 Deep Freezers

## **6 GLOBAL COLD STORAGE MARKET, BY TEMPERATURE RANGE**

- 6.1 Introduction
- 6.2 Chilled (0°C to 15°C)
- 6.3 Frozen (-18°C to -25°C)
- 6.4 Deep-Frozen / Ultra-Low (

## **7 GLOBAL COLD STORAGE MARKET, BY WAREHOUSE TYPE**

- 7.1 Introduction
- 7.2 Bulk Storage
- 7.3 Production Stores
- 7.4 Ports & Dock Storage

## **8 GLOBAL COLD STORAGE MARKET, BY APPLICATION**

- 8.1 Introduction
- 8.2 Food & Beverages
  - 8.2.1 Fruits & Vegetables
  - 8.2.2 Dairy Products
  - 8.2.3 Meat, Seafood & Fish
  - 8.2.4 Processed Food
- 8.3 Pharmaceuticals & Healthcare
- 8.4 Chemicals
- 8.5 Other Applications

## **9 GLOBAL COLD STORAGE MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar
  - 9.6.4 South Africa
  - 9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

## **11 COMPANY PROFILING**

- 11.1 Lineage Logistics
- 11.2 Kloosterboer
- 11.3 Americold Logistics
- 11.4 AGRO Merchants Group
- 11.5 United States Cold Storage
- 11.6 VersaCold Logistics Services
- 11.7 NewCold Cooperatief U.A.
- 11.8 Congebec Inc.
- 11.9 Nichirei Logistics Group
- 11.10 Conestoga Cold Storage
- 11.11 Constellation Cold Logistics
- 11.12 Snowman Logistics
- 11.13 Emergent Cold Latin America
- 11.14 Interstate Warehousing
- 11.15 FreezPak Logistics

## List Of Tables

### LIST OF TABLES

- Table 1 Global Cold Storage Market Outlook, By Region (2024-2032) (\$MN)
- Table 2 Global Cold Storage Market Outlook, By Type (2024-2032) (\$MN)
- Table 3 Global Cold Storage Market Outlook, By Warehouse (2024-2032) (\$MN)
- Table 4 Global Cold Storage Market Outlook, By Refrigerated Warehouse (2024-2032) (\$MN)
- Table 5 Global Cold Storage Market Outlook, By Private & Semi-Private (2024-2032) (\$MN)
- Table 6 Global Cold Storage Market Outlook, By Public (2024-2032) (\$MN)
- Table 7 Global Cold Storage Market Outlook, By Cold Room (2024-2032) (\$MN)
- Table 8 Global Cold Storage Market Outlook, By Equipment (2024-2032) (\$MN)
- Table 9 Global Cold Storage Market Outlook, By Blast Freezers (2024-2032) (\$MN)
- Table 10 Global Cold Storage Market Outlook, By Walk-in Coolers & Freezers (2024-2032) (\$MN)
- Table 11 Global Cold Storage Market Outlook, By Deep Freezers (2024-2032) (\$MN)
- Table 12 Global Cold Storage Market Outlook, By Temperature Range (2024-2032) (\$MN)
- Table 13 Global Cold Storage Market Outlook, By Chilled (0°C to 15°C) (2024-2032) (\$MN)
- Table 14 Global Cold Storage Market Outlook, By Frozen (-18°C to -25°C) (2024-2032) (\$MN)
- Table 15 Global Cold Storage Market Outlook, By Deep-Frozen / Ultra-Low (Table 16 Global Cold Storage Market Outlook, By Warehouse Type (2024-2032) (\$MN)
- Table 17 Global Cold Storage Market Outlook, By Bulk Storage (2024-2032) (\$MN)
- Table 18 Global Cold Storage Market Outlook, By Production Stores (2024-2032) (\$MN)
- Table 19 Global Cold Storage Market Outlook, By Ports & Dock Storage (2024-2032) (\$MN)
- Table 20 Global Cold Storage Market Outlook, By Application (2024-2032) (\$MN)
- Table 21 Global Cold Storage Market Outlook, By Food & Beverages (2024-2032) (\$MN)
- Table 22 Global Cold Storage Market Outlook, By Fruits & Vegetables (2024-2032) (\$MN)
- Table 23 Global Cold Storage Market Outlook, By Dairy Products (2024-2032) (\$MN)
- Table 24 Global Cold Storage Market Outlook, By Meat, Seafood & Fish (2024-2032) (\$MN)
- Table 25 Global Cold Storage Market Outlook, By Processed Food (2024-2032) (\$MN)

Table 26 Global Cold Storage Market Outlook, By Pharmaceuticals & Healthcare (2024-2032) (\$MN)

Table 27 Global Cold Storage Market Outlook, By Chemicals (2024-2032) (\$MN)

Table 28 Global Cold Storage Market Outlook, By Other Applications (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: Cold Storage Market Forecasts to 2032 – Global Analysis By Type (Warehouse and Equipment), Temperature Range, Warehouse Type, Application and By Geography

Product link: <https://marketpublishers.com/r/CB3B6A2B0924EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CB3B6A2B0924EN.html>