

Freight Mobility Market Forecasts to 2034 – Global Analysis By Mode of Transport (Road, Rail, Air, Sea, and Intermodal), Freight Type (Dry Goods, Perishables, Hazardous Goods, E-commerce Parcels, and Industrial Goods), Fuel and Propulsion, Ownership Model, End User, and By Geography

<https://marketpublishers.com/r/F72D555FE389EN.html>

Date: June 2026

Pages: 200

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

ID: F72D555FE389EN

Abstracts

According to Statistics MRC, the Global Freight Mobility Market is accounted for \$6.7 trillion in 2026 and is expected to reach \$10.5 trillion by 2034 growing at a CAGR of 5.8% during the forecast period. Freight mobility encompasses the movement of goods across various transport modes including road, rail, air, sea, and intermodal solutions, forming the backbone of global trade and supply chain operations. This market integrates logistics infrastructure, fleet management, tracking technologies, and regulatory compliance to ensure efficient cargo movement across domestic and international routes. The increasing complexity of supply chains, rising e-commerce volumes, and demand for faster delivery windows are fundamentally reshaping how freight is planned, executed, and monitored worldwide.

Market Dynamics:

Driver:

Rapid expansion of e-commerce and omni-channel retail

This factor is significantly driving freight mobility market growth as consumer expectations for faster, more flexible delivery options intensify. Online retail giants and traditional retailers alike are investing heavily in distribution networks, last-mile logistics,

and same-day delivery capabilities. The surge in direct-to-consumer shipments requires more frequent, smaller-volume freight movements compared to traditional bulk retail distribution. This shift has increased demand for agile road freight solutions and urban delivery infrastructure. Additionally, cross-border e-commerce is accelerating air and sea freight volumes, particularly between major trading regions. The continued growth of digital marketplaces ensures sustained pressure on freight mobility systems to deliver speed, reliability, and cost efficiency.

Restraint:

Infrastructure congestion and capacity limitations

This factor significantly restrains market efficiency as aging transportation networks struggle to accommodate growing freight volumes. Major ports, rail corridors, and highways in developed economies face chronic congestion, leading to delays, increased fuel consumption, and higher operational costs. In emerging markets, insufficient investment in freight-dedicated infrastructure creates bottlenecks that disrupt supply chain predictability. Urban last-mile delivery faces particular challenges from traffic restrictions, limited loading zones, and competing demands for road space from passenger vehicles and public transit. These physical constraints, combined with workforce shortages in trucking and logistics roles, limit the ability of freight mobility systems to scale efficiently with demand.

Opportunity:

Digitalization and smart logistics technologies

This factor presents transformative opportunities for freight mobility optimization through real-time visibility and predictive analytics. Internet of Things sensors, GPS tracking, and blockchain platforms enable end-to-end shipment monitoring, reducing theft, loss, and misrouting. Artificial intelligence optimizes route planning, load consolidation, and modal selection based on live traffic, weather, and capacity data. Digital freight matching platforms connect shippers directly with carriers, reducing empty backhaul miles and improving asset utilization. As these technologies become more affordable and interoperable, small and medium-sized logistics providers can access capabilities previously reserved for large enterprises, driving widespread efficiency gains across the freight ecosystem.

Threat:

Regulatory fragmentation and environmental compliance costs

This factor poses significant threats to freight mobility operations as governments implement divergent emissions standards, carbon pricing mechanisms, and low-emission zone restrictions. The transition to electric and alternative-fuel commercial vehicles requires substantial capital investment in new fleets and charging infrastructure, while operational range limitations currently constrain adoption for long-haul routes. Cross-border freight faces additional complexity from varying customs procedures, documentation requirements, and trade policy uncertainties that can disrupt just-in-time delivery schedules. As environmental regulations tighten globally, freight operators must navigate a complex compliance landscape that increases administrative burdens and threatens the cost competitiveness of traditional transport modes.

Covid-19 Impact:

The COVID-19 pandemic profoundly disrupted global freight mobility networks while simultaneously highlighting their essential nature. Lockdowns, port closures, and reduced air cargo capacity created unprecedented supply chain volatility, with container shortages and shipping costs reaching historic highs. However, the crisis accelerated adoption of digital freight platforms, contactless delivery protocols, and supply chain diversification strategies. Essential goods including medical supplies, food, and e-commerce parcels continued moving, demonstrating freight system resilience. Post-pandemic normalization has been uneven, with persistent labor shortages in trucking and logistics roles, while shifted consumer spending patterns toward goods rather than services have permanently increased baseline freight demand across most transport modes.

The Road segment is expected to be the largest during the forecast period

The Road segment is expected to account for the largest market share during the forecast period, driven by its unparalleled flexibility, extensive infrastructure coverage, and critical role in first-mile and last-mile logistics. Road freight connects virtually all origins and destinations, complementing other transport modes by bridging gaps between ports, rail terminals, airports, and final delivery points. The proliferation of digital freight matching and fleet management technologies has improved road transport efficiency, while the growth of e-commerce and just-in-time manufacturing demands the responsiveness that trucking uniquely provides. Despite ongoing electrification challenges, diesel-powered heavy and light commercial vehicles remain the dominant

force in domestic and regional freight movement globally.

The E-commerce Parcels segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the E-commerce Parcels segment is predicted to witness the highest growth rate, fueled by the relentless global expansion of online shopping across both developed and emerging economies. Consumer expectations for rapid, tracked, and flexible delivery options have transformed parcel logistics from a standardized service into a competitive differentiator. The rise of social commerce, subscription boxes, and direct-to-consumer brands generates ever-increasing shipment volumes, often requiring specialized handling and time-definite delivery windows. Additionally, cross-border e-commerce is growing faster than traditional trade, driving demand for integrated air, sea, and road solutions tailored to smaller, higher-frequency parcel shipments. This segment's dynamism reflects fundamental shifts in retail and consumer behavior.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share, supported by its highly developed multimodal freight infrastructure, sophisticated logistics technology ecosystem, and the concentration of global e-commerce and retail giants. The United States alone accounts for a substantial portion of global road, rail, and air freight activity, with extensive interstate highway networks, class I railroads, and major air cargo hubs. Strong trade integration between the US, Canada, and Mexico under the USMCA framework ensures steady cross-border freight volumes. Additionally, significant ongoing investments in port modernization, intermodal terminals, and last-mile delivery infrastructure maintain North America's leadership position in freight mobility market value.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by rapid industrialization, expanding manufacturing bases, and surging intra-regional trade. China, India, and Southeast Asian nations are experiencing unprecedented growth in e-commerce penetration, with platforms like Alibaba, JD.com, and Shopee generating massive parcel volumes requiring sophisticated logistics networks. Major infrastructure initiatives including Belt and Road projects enhance connectivity between production hubs and consumption centers across the region. The

shift of global supply chains toward Asia-Pacific-centric configurations, coupled with rising middle-class consumption, continues to accelerate freight demand. As digital logistics adoption accelerates, Asia Pacific emerges as the fastest-growing freight mobility market globally.

Key players in the market

Some of the key players in Freight Mobility Market include DHL Group, United Parcel Service Inc., FedEx Corporation, Kuehne + Nagel International AG, DSV A/S, C.H. Robinson Worldwide Inc., Nippon Express Holdings Inc., DB Schenker, XPO Inc., Maersk A/S, CMA CGM Group, J.B. Hunt Transport Services Inc., Ryder System Inc., CEVA Logistics, GEODIS, Expeditors International of Washington Inc., Sinotrans Limited, Schneider National Inc., Old Dominion Freight Line Inc., and Yusen Logistics Co. Ltd.

Key Developments:

In May 2026, DHL Supply Chain broke ground on a new 17,000-square-meter European Battery Logistics Hub in Holtum, Netherlands, expanding its infrastructure to handle complex, highly regulated battery and energy storage supply chains for the electric mobility sector.

In May 2026, Kuehne + Nagel International AG formally transitioned its global Road Logistics division leadership to Soren Schmidt (formerly of DSV A/S) to drive structural adaptations following the European Union's regulatory elimination of de minimis customs thresholds.

In January 2026, FedEx launched its 2026 Logistics Industry Trends analysis, highlighting a steep industry rise in automated contract analysis and digital twin simulations to combat shortened consumer product demand cycles and severe weather disruptions.

Mode of Transports Covered:

Road

Rail

Air

Sea

Intermodal

Freight Types Covered:

Dry Goods

Perishables

Hazardous Goods

E-commerce Parcels

Industrial Goods

Fuel and Propulsions Covered:

Diesel

Electric

Hybrid

LNG/CNG

Hydrogen

Ownership Models Covered:

Owned Fleets

Third-Party Logistics

Freight Forwarders

Digital Freight Platforms

End Users Covered:

Retail

Manufacturing

Automotive

Food and Beverage

Healthcare

E-commerce

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Freight Mobility Market Forecasts to 2034 – Global Analysis By Mode of Transport (Road, Rail, Air, Sea, and In...

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- 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:

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

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL FREIGHT MOBILITY MARKET, BY MODE OF TRANSPORT

- 5.1 Road
- 5.2 Rail
- 5.3 Air
- 5.4 Sea
- 5.5 Intermodal

6 GLOBAL FREIGHT MOBILITY MARKET, BY FREIGHT TYPE

- 6.1 Dry Goods
- 6.2 Perishables
- 6.3 Hazardous Goods
- 6.4 E-commerce Parcels
- 6.5 Industrial Goods

7 GLOBAL FREIGHT MOBILITY MARKET, BY FUEL AND PROPULSION

- 7.1 Diesel
- 7.2 Electric
- 7.3 Hybrid
- 7.4 LNG/CNG
- 7.5 Hydrogen

8 GLOBAL FREIGHT MOBILITY MARKET, BY OWNERSHIP MODEL

- 8.1 Owned Fleets
- 8.2 Third-Party Logistics
- 8.3 Freight Forwarders
- 8.4 Digital Freight Platforms

9 GLOBAL FREIGHT MOBILITY MARKET, BY END USER

- 9.1 Retail
- 9.2 Manufacturing

9.3 Automotive

9.4 Food and Beverage

9.5 Healthcare

9.6 E-commerce

10 GLOBAL FREIGHT MOBILITY MARKET, BY GEOGRAPHY

10.1 North America

10.1.1 United States

10.1.2 Canada

10.1.3 Mexico

10.2 Europe

10.2.1 United Kingdom

10.2.2 Germany

10.2.3 France

10.2.4 Italy

10.2.5 Spain

10.2.6 Netherlands

10.2.7 Belgium

10.2.8 Sweden

10.2.9 Switzerland

10.2.10 Poland

10.2.11 Rest of Europe

10.3 Asia Pacific

10.3.1 China

10.3.2 Japan

10.3.3 India

10.3.4 South Korea

10.3.5 Australia

10.3.6 Indonesia

10.3.7 Thailand

10.3.8 Malaysia

10.3.9 Singapore

10.3.10 Vietnam

10.3.11 Rest of Asia Pacific

10.4 South America

10.4.1 Brazil

10.4.2 Argentina

10.4.3 Colombia

- 10.4.4 Chile
- 10.4.5 Peru
- 10.4.6 Rest of South America
- 10.5 Rest of the World (RoW)
 - 10.5.1 Middle East
 - 10.5.1.1 Saudi Arabia
 - 10.5.1.2 United Arab Emirates
 - 10.5.1.3 Qatar
 - 10.5.1.4 Israel
 - 10.5.1.5 Rest of Middle East
 - 10.5.2 Africa
 - 10.5.2.1 South Africa
 - 10.5.2.2 Egypt
 - 10.5.2.3 Morocco
 - 10.5.2.4 Rest of Africa

11 STRATEGIC MARKET INTELLIGENCE

- 11.1 Industry Value Network and Supply Chain Assessment
- 11.2 White-Space and Opportunity Mapping
- 11.3 Product Evolution and Market Life Cycle Analysis
- 11.4 Channel, Distributor, and Go-to-Market Assessment

12 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

- 12.1 Mergers and Acquisitions
- 12.2 Partnerships, Alliances, and Joint Ventures
- 12.3 New Product Launches and Certifications
- 12.4 Capacity Expansion and Investments
- 12.5 Other Strategic Initiatives

13 COMPANY PROFILES

- 13.1 DHL Group
- 13.2 United Parcel Service Inc.
- 13.3 FedEx Corporation
- 13.4 Kuehne + Nagel International AG
- 13.5 DSV A/S
- 13.6 C.H. Robinson Worldwide Inc.

- 13.7 Nippon Express Holdings Inc.
- 13.8 DB Schenker
- 13.9 XPO Inc.
- 13.10 Maersk A/S
- 13.11 CMA CGM Group
- 13.12 J.B. Hunt Transport Services Inc.
- 13.13 Ryder System Inc.
- 13.14 CEVA Logistics
- 13.15 GEODIS
- 13.16 Expeditors International of Washington Inc.
- 13.17 Sinotrans Limited
- 13.18 Schneider National Inc.
- 13.19 Old Dominion Freight Line Inc.
- 13.20 Yusen Logistics Co. Ltd.

List Of Tables

LIST OF TABLES

Table 1 Global Freight Mobility Market Outlook, By Region (2023–2034) (\$MN)

Table 2 Global Freight Mobility Market Outlook, By Mode of Transport (2023–2034) (\$MN)

Table 3 Global Freight Mobility Market Outlook, By Road (2023–2034) (\$MN)

Table 4 Global Freight Mobility Market Outlook, By Rail (2023–2034) (\$MN)

Table 5 Global Freight Mobility Market Outlook, By Air (2023–2034) (\$MN)

Table 6 Global Freight Mobility Market Outlook, By Sea (2023–2034) (\$MN)

Table 7 Global Freight Mobility Market Outlook, By Intermodal (2023–2034) (\$MN)

Table 8 Global Freight Mobility Market Outlook, By Freight Type (2023–2034) (\$MN)

Table 9 Global Freight Mobility Market Outlook, By Dry Goods (2023–2034) (\$MN)

Table 10 Global Freight Mobility Market Outlook, By Perishables (2023–2034) (\$MN)

Table 11 Global Freight Mobility Market Outlook, By Hazardous Goods (2023–2034) (\$MN)

Table 12 Global Freight Mobility Market Outlook, By E-commerce Parcels (2023–2034) (\$MN)

Table 13 Global Freight Mobility Market Outlook, By Industrial Goods (2023–2034) (\$MN)

Table 14 Global Freight Mobility Market Outlook, By Fuel and Propulsion (2023–2034) (\$MN)

Table 15 Global Freight Mobility Market Outlook, By Diesel (2023–2034) (\$MN)

Table 16 Global Freight Mobility Market Outlook, By Electric (2023–2034) (\$MN)

Table 17 Global Freight Mobility Market Outlook, By Hybrid (2023–2034) (\$MN)

Table 18 Global Freight Mobility Market Outlook, By LNG/CNG (2023–2034) (\$MN)

Table 19 Global Freight Mobility Market Outlook, By Hydrogen (2023–2034) (\$MN)

Table 20 Global Freight Mobility Market Outlook, By Ownership Model (2023–2034) (\$MN)

Table 21 Global Freight Mobility Market Outlook, By Owned Fleets (2023–2034) (\$MN)

Table 22 Global Freight Mobility Market Outlook, By Third-Party Logistics (2023–2034) (\$MN)

Table 23 Global Freight Mobility Market Outlook, By Freight Forwarders (2023–2034) (\$MN)

Table 24 Global Freight Mobility Market Outlook, By Digital Freight Platforms (2023–2034) (\$MN)

Table 25 Global Freight Mobility Market Outlook, By End User (2023–2034) (\$MN)

Table 26 Global Freight Mobility Market Outlook, By Retail (2023–2034) (\$MN)

Table 27 Global Freight Mobility Market Outlook, By Manufacturing (2023–2034) (\$MN)

Table 28 Global Freight Mobility Market Outlook, By Automotive (2023–2034) (\$MN)

Table 29 Global Freight Mobility Market Outlook, By Food and Beverage (2023–2034) (\$MN)

Table 30 Global Freight Mobility Market Outlook, By Healthcare (2023–2034) (\$MN)

Table 31 Global Freight Mobility Market Outlook, By E-commerce (2023–2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

I would like to order

Product name: Freight Mobility Market Forecasts to 2034 – Global Analysis By Mode of Transport (Road, Rail, Air, Sea, and Intermodal), Freight Type (Dry Goods, Perishables, Hazardous Goods, E-commerce Parcels, and Industrial Goods), Fuel and Propulsion, Ownership Model, End User, and By Geography

Product link: <https://marketpublishers.com/r/F72D555FE389EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F72D555FE389EN.html>