

Refrigerated Transport Market by Application (Chilled food & Frozen food), Mode of Transport (Road, Sea, Rail & Air), Vehicle Type (LCV, MHCV & HCV), Temperature (Single & Multi-temperature), Technology and Region - Global Forecast to 2027

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Abstracts

According to MarketsandMarkets, the refrigerated transport market size is estimated to be valued at USD 113.4 billion in 2022 and is projected to reach USD 160.7 billion by 2027, recording a CAGR of 7.2% during the forecast period in terms of value. The market is primarily driven by increasing international trade of wide range of food products. The globalization has resulted in the trade liberalization, advancements in transport infrastructure & communication technologies, and the growth of multinational companies in the food retail sector. This has resulted in diverse types of fruits, vegetables, or processed food being made available at local supermarkets. Several forces drive and enhance the global trade of perishable commodities. The lowering of tariffs and non-tariff barriers to international trade has encouraged the cross-border movement of perishable commodities.

“By application, frozen foods segment is estimated to grow at the highest CAGR during the forecasted period.”

In recent few years, it has been witnessed that frozen foods have gained a significant popularity among the consumers across major economies in the world owing to high degree of convenience and adaption to busy urban lifestyles. These frozen food meal offers meal flexibility and customers can save their time and money from grocery purchase and cooking time. These market trends are promoting the frozen foods market and in turn it will boost the refrigerated trucks market.

“By vehicle type, MHCV was the second largest segment in 2021 and anticipated to grow at a significant growth rate over the forecast period.”

The vehicles that are intended for carrying goods and to have a maximum authorized mass of more than seven tons are considered as trucks. Trucks, also referred to as MHCVs, are prominently used for goods transportation. China, the US, and India are growing rapidly and use trucks to transport their goods; thus, there would increase in demand for trucks in countries that witness an increase in demand for refrigerated transport.

“By temperature, single temperature segment is estimated to witness the fastest growth rate over the forecast period.”

Single temperature trucks are widely used to transport a set of perishable food items which requires a specific temperature point during the transit. The single temperature trucks have gained huge popularity with the increasing number of hypermarkets and supermarkets across the globe.

“Eutectic devices was the second largest technology available in the refrigerated transport market in 2022.”

A eutectic system is suitable for short transportation, where there are regular stops and door openings during distribution; LCVs and MHCVs use it. It consists of hollow tubes, beams, or plates filled with a eutectic solution. This solution stores energy and produces a cooling effect when it is necessary to maintain the refrigerated temperature. As eutectic solutions can store energy, there is no need for fuel or energy to charge the eutectic device at the time of delivery.

“Asia Pacific is estimated to be the fastest growing region over the forecast period. ”

The Asia Pacific refrigerated transport market has been fragmented and was underfunded until a decade ago. However, the industrial revolution in the region resulted in the rise in population with busier lifestyles inclined toward convenience food products with an extended shelf-life, thereby fueling the use of refrigerated transport in the food industry.

Various emerging economies are attempting to facilitate improvements in refrigerated transport through regulations and subsidies. For instance, in India, the government is providing the Reefer Vehicles Scheme under the National Mission on Food Processing

(NMFP). The scheme's objective is to provide financial assistance to purchase standalone reefer vehicles and mobile pre-cooling vans (reefer unit and reefer cabinet permanently mounted on the vehicle) to transport perishable commodities.

The refrigerated transport market is segmented region-wise, with a detailed analysis of each region. These regions include North America, Europe, Asia Pacific, South America, and RoW (Africa and Middle East).

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 30%, Tier 2- 30%, and Tier 3- 40%

By Designation: CXOs- 40%, Manager- 25%, and Executive- 35%

By Region: Asia Pacific- 40%, Europe- 30%, North America- 16%, and RoW- 14%

Leading players profiled in this report include the following:

United Technologies Corporation (Carrier Corporation) (US)

DAIKIN INDUSTRIES Ltd.(Japan),

Ingersoll Rand (Ireland),

China International Shipping Containers (Group) Co., Ltd (China),

Utility Trailer Manufacturing Company (US),

Singamas Container Holdings Limited (China),

Hyundai (Korea),

Schmitz Cargobull (Germany),

KRONE (Germany),

LAMBERET SAS (France),

Tata Motors (India),

VE Commercial Vehicles Limited (India),

Shaanxi Tianhui Inlong Trading Co. Ltd (China),

Wabash National Corporation (US)

Great Dane LLC (US)

(Refrigerated Transport Service Providers):

United Technologies Corporation (Carrier Corporation) (US)

DAIKIN INDUSTRIES Ltd.(Japan),

Ingersoll Rand (Ireland),

China International Shipping Containers (Group) Co., Ltd (China),

Utility Trailer Manufacturing Company (US),

Singamas Container Holdings Limited (China),

Hyundai (Korea),

Schmitz Cargobull (Germany),

KRONE (Germany),

LAMBERET SAS (France)

Tata Motors (India),

VE Commercial Vehicles Limited (India),

Shaanxi Tianhui Inlong Trading Co. Ltd (China),

Wabash National Corporation (US)

Great Dane LLC (US)

(Frozen and Chilled Food Manufacturer):

Nestle SA (Switzerland)

Tyson Foods, Inc. (US)

The Kraft Heinz Company (US)

General Mills, Inc. (US)

Smithfield Foods, Inc (US)

Kellogg Co. (US)

Conagra Brands, Inc. (US)

Kerry Group plc (Ireland)

Del Monte Pacific Ltd (Singapore)

Aryzta AG (Switzerland)

Research Coverage

This report segments the refrigerated transport market on the basis of application, vehicle type, temperature, technology, and region. In terms of insights, this research report focuses on various levels of analyses—competitive landscape, end-use analysis, and company profiles—which together comprise and discuss the basic views on the

emerging & high-growth segments of the refrigerated transport market, high-growth regions, countries, drivers, restraints, opportunities, and challenges.

Reasons to buy this report

To get a comprehensive overview of the refrigerated transport market

To gain wide-ranging information about the top players in this industry, their product portfolio details, and the position in the market

To gain insights about the major countries/regions, in which the refrigerated transport market is flourishing

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
- FIGURE 1 MARKET SEGMENTATION
- 1.4 REGIONS COVERED
 - 1.4.1 INCLUSIONS AND EXCLUSIONS
- 1.5 PERIODIZATION CONSIDERED
- 1.6 CURRENCY CONSIDERED
- 1.7 VOLUME UNIT CONSIDERED
- TABLE 1 USD EXCHANGE RATES CONSIDERED, 2019–2021
- 1.8 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 2 REFRIGERATED TRANSPORT MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Breakdown of primaries
 - 2.1.2.3 Key primary insights
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 APPROACH ONE – BOTTOM-UP (BASED ON REFRIGERATED TRANSPORT MARKET, BY REGION)
 - 2.2.2 APPROACH TWO – TOP DOWN (BASED ON THE GLOBAL MARKET)
- 2.3 DATA TRIANGULATION
 - FIGURE 3 DATA TRIANGULATION METHODOLOGY
- 2.4 ASSUMPTIONS FOR THE STUDY
- 2.5 LIMITATIONS AND RISK ASSESSMENT OF THE STUDY
- 2.6 MARKET SCENARIOS CONSIDERED FOR THE IMPACT OF COVID-19
 - 2.6.1 OPTIMISTIC SCENARIO
 - 2.6.2 REALISTIC & PESSIMISTIC SCENARIO
 - 2.6.3 SCENARIO-BASED MODELLING
- 2.7 INTRODUCTION TO COVID–19

2.8 COVID–19 HEALTH ASSESSMENT

FIGURE 4 COVID–19: GLOBAL PROPAGATION

FIGURE 5 COVID–19 PROPAGATION: SELECT COUNTRIES

2.9 COVID–19 ECONOMIC ASSESSMENT

FIGURE 6 REVISED GROSS DOMESTIC PRODUCT FORECASTS FOR SELECT G20 COUNTRIES IN 2020

2.9.1 COVID–19 ECONOMIC IMPACT—SCENARIO ASSESSMENT

FIGURE 7 CRITERIA IMPACTING THE GLOBAL ECONOMY

FIGURE 8 SCENARIOS IN TERMS OF RECOVERY OF GLOBAL ECONOMY

3 EXECUTIVE SUMMARY

TABLE 2 GLOBAL: REFRIGERATED TRANSPORT MARKET SNAPSHOT, 2022 VS. 2027

FIGURE 9 REFRIGERATED TRANSPORT MARKET SIZE FOR CHILLED FOOD PRODUCTS, BY PRODUCT TYPE, 2022 VS 2027 (KILO TON)

FIGURE 10 REFRIGERATED TRANSPORT MARKET SIZE, BY VEHICLE TYPE,

2022 VS. 2027 (USD MILLION)

FIGURE 11 REFRIGERATED TRANSPORT MARKET SIZE, BY TEMPERATURE,

2022 VS. 2027 (UNIT)

FIGURE 12 REFRIGERATED TRANSPORT MARKET SIZE, BY TECHNOLOGY,

2022 VS. 2027 (UNIT)

FIGURE 13 REFRIGERATED TRANSPORT MARKET, BY REGION, 2021

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN THE REFRIGERATED TRANSPORT MARKET

FIGURE 14 GROWING DEMAND FOR CHILLED & FROZEN FOOD PRODUCTS TO DRIVE THE REFRIGERATED TRANSPORT MARKET

4.2 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY APPLICATION AND COUNTRY

FIGURE 15 CHINA TO ACCOUNT FOR THE LARGEST SHARE IN THE FROZEN PRODUCTS SEGMENT IN THE ASIA PACIFIC MARKET IN 2022

4.3 REFRIGERATED TRANSPORT MARKET, BY VEHICLE TYPE

FIGURE 16 LCV SEGMENT ESTIMATED TO HOLD THE LARGEST SHARE OF THE REFRIGERATED TRANSPORT MARKET IN 2022

4.4 REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE

FIGURE 17 MULTI-TEMPERATURE SEGMENT IS ESTIMATED TO DOMINATE THE REFRIGERATED TRANSPORT MARKET IN 2022

4.5 REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY,

FIGURE 18 AIR-BLOWN EVAPORATORS TECHNOLOGY ESTIMATED TO HOLD A LARGER SHARE OF THE REFRIGERATED TRANSPORT MARKET IN 2022

4.6 REFRIGERATED TRANSPORT MARKET, BY APPLICATION AND REGION

FIGURE 19 ASIA PACIFIC TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

FIGURE 20 COVID-19 IMPACT ON THE REFRIGERATED TRANSPORT MARKET: COMPARISON OF PRE-AND POST-COVID-19 SCENARIOS

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 21 REFRIGERATED TRANSPORT MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Increasing need for temperature control to prevent food loss and potential health hazards

FIGURE 22 INDIA: ANNUAL FOOD WASTAGE AS PERCENTAGE OF PRODUCTION, 2020

5.2.1.2 Increasing international trade of perishable commodities

5.2.1.3 Technological innovations in refrigerated systems and equipment

5.2.1.4 Increased demand for frozen perishable commodities

FIGURE 23 CHINA: BEEF & VEAL PRODUCTION AND CONSUMPTION,

2016–2021 (THOUSAND METRIC TON)

5.2.1.5 Growing demand for fresh fruits and vegetables in Europe

FIGURE 24 SHARE OF FRESH FRUIT AND VEGETABLES IMPORT VALUE IN 2020

5.2.2 RESTRAINTS

5.2.2.1 High energy costs and the requirement for significant capital investments

5.2.2.2 Climate change affecting transportation infrastructure

5.2.2.3 Environmental concerns regarding greenhouse gas emissions

FIGURE 25 ENVIRONMENTAL IMPACT OF THE FOOD SUPPLY CHAIN

5.2.3 OPPORTUNITIES

5.2.3.1 Intermodal transport to save fuel costs

5.2.3.2 Integration of multi-temperature systems in trucks and trailers

5.2.3.3 Increasing foreign direct investments in emerging markets

5.2.4 CHALLENGES

5.2.4.1 Lack of transport infrastructure support in emerging markets and skilled resources in developed markets

5.2.4.2 Maintaining product integrity during the transportation of perishable commodities

5.2.4.3 Rising fuel costs and high capital investment requirement

6 MARKET DISRUPTIONS

6.1 BREXIT

6.1.1 IMPACT OF BREXIT ON GLOBAL TRADE

6.1.1.1 Free internal market

6.1.1.2 Most impacted countries include Belgium, the Netherlands, and Germany

TABLE 3 ESTIMATED MOST FAVOURED NATION (MFN) TARIFF LEVELS, BY KEY SECTOR, 2016

FIGURE 26 TOP FIVE COMMODITIES EXPORTED BY THE UK TO THE UN, "NOVEMBER" 2021

FIGURE 27 TOP 5 COMMODITIES IMPORTED BY THE UK FROM THE EU, "NOVEMBER" 2021

6.1.2 IMPLICATIONS OF BREXIT ON ROAD TRANSPORT OPERATORS

6.1.2.1 Professional competence in road transport

6.1.2.2 Permits for road transport

6.1.3 APPROVALS FOR VEHICLES

6.1.4 INSPECTION AND CUSTOMS CHECKS

6.1.5 THE CUMULATIVE EFFECT OF BORDER CONTROL ON JOURNEY TIMES

6.2 SILK ROAD

6.2.1 THREE MAIN ROUTES

6.2.1.1 The Eurasian Land-Bridge with new opportunities

6.2.1.2 Volumes are still low, but trade value is higher

6.2.1.3 Chinese and European hinterlands more accessible

6.3 U.S.- UK TRADE AND INVESTMENT TIES

FIGURE 28 SHARE OF U.S. AND UK TOTAL TRADE (TOTAL 2020 GOODS AND SERVICES TRADE (EXPORTS AND IMPORTS) WITH SELECTED TRADING PARTNERS)

6.4 MACROECONOMIC INDICATORS

6.4.1 GROWTH OF THE ORGANIZED RETAIL INDUSTRY

FIGURE 29 GROWING ORGANIZED RETAIL INDUSTRY IS FUELING THE DEMAND FOR REFRIGERATED TRANSPORT

6.4.2 INCREASING NEED FOR REFRIGERATED TRANSPORT

7 INDUSTRY TRENDS

7.1 INTRODUCTION

7.2 VALUE CHAIN

7.2.1 SUPPLY PROCUREMENT

7.2.2 TRANSPORT

7.2.3 STORAGE & DISTRIBUTION

7.2.4 END-PRODUCT MANUFACTURERS

FIGURE 30 VALUE CHAIN ANALYSIS OF THE REFRIGERATED TRANSPORT MARKET

7.3 TECHNOLOGY ANALYSIS

7.4 PRICING ANALYSIS: REFRIGERATED TRANSPORT MARKET

TABLE 4 GLOBAL REFRIGERATED TRANSPORT AVERAGE SELLING PRICE (ASP), BY TECHNOLOGY, 2019-2021 (USD/UNITS)

TABLE 5 GLOBAL REFRIGERATED TRANSPORT AVERAGE SELLING PRICE (ASP), BY REGION, 2019-2021 (USD/UNITS)

7.5 MARKET MAP AND ECOSYSTEM REFRIGERATED TRANSPORT MARKET

7.5.1 DEMAND-SIDE

7.5.2 SUPPLY-SIDE

FIGURE 31 REFRIGERATED TRANSPORT MARKET: MARKET MAP

TABLE 6 REFRIGERATED TRANSPORT MARKET: SUPPLY CHAIN (ECOSYSTEM)

7.6 TRENDS IMPACTING BUYERS

FIGURE 32 REFRIGERATED TRANSPORT MARKET: TRENDS IMPACTING BUYERS

7.7 PATENT ANALYSIS

FIGURE 33 NUMBER OF PATENTS GRANTED BETWEEN 2012 AND 2021

FIGURE 34 TOP 10 INVESTORS WITH THE HIGHEST NUMBER OF PATENT DOCUMENTS

FIGURE 35 TOP 10 APPLICANTS WITH THE HIGHEST NO. OF PATENT DOCUMENTS

TABLE 7 SOME OF THE PATENTS PERTAINING TO REFRIGERATION TRANSPORT, 2019–2021

7.8 TRADE DATA: REFRIGERATED TRANSPORT MARKET

7.8.1 TROPICAL FRUITS (AVOCADO, PINEAPPLE, GUAVA, MANGOES, AND

FIGS)

TABLE 8 TOP 10 IMPORTERS AND EXPORTERS OF TROPICAL FRUITS
(AVOCADOS, PINEAPPLES, GUAVA, MANGOES, FIGS) (USD MN)

7.8.2 POULTRY

TABLE 9 TOP 10 IMPORTERS AND EXPORTERS OF POULTRY, (USD MN)

7.9 KEY CONFERENCES & EVENTS IN 2022-2023

7.10 PORTER'S FIVE FORCES ANALYSIS

TABLE 10 REFRIGERATED TRANSPORT MARKET: PORTER'S FIVE FORCES
ANALYSIS

7.10.1 DEGREE OF COMPETITION

7.10.2 BARGAINING POWER OF SUPPLIERS

7.10.3 BARGAINING POWER OF BUYERS

7.10.4 THREAT OF SUBSTITUTES

7.10.5 THREAT OF NEW ENTRANTS

7.11 CASE STUDIES

7.11.1 RISING COLD CHAIN LOGISTICS DEMAND FOR TRANSPORT OF
PERISHABLE PRODUCTS

7.11.2 EURO FOOD GROUP SIGNED AN AGREEMENT WITH CARRIER
CORPORATION FOR REFRIGERATED EQUIPMENT SUPPLY

8 REGULATIONS FOR THE REFRIGERATED TRANSPORT MARKET

8.1 INTRODUCTION

8.2 FDA FOOD SAFETY MODERNIZATION ACT (FSMA)

8.3 AGREEMENT ON THE INTERNATIONAL CARRIAGE OF PERISHABLE
FOODSTUFFS AND THE SPECIAL EQUIPMENT TO BE USED FOR SUCH
CARRIAGE (ATP)

8.3.1 SELECTION OF EQUIPMENT AND TEMPERATURE CONDITIONS TO BE
OBSERVED FOR THE CARRIAGE OF QUICK (DEEP)-FROZEN AND FROZEN
FOODSTUFFS

TABLE 11 TEMPERATURE CONDITIONS FOR FROZEN FOODS

8.3.2 MONITORING THE AIR TEMPERATURE FOR TRANSPORT OF QUICK-
FROZEN PERISHABLE FOODSTUFFS

TABLE 12 TEMPERATURE CONDITIONS FOR CHILLED FOODS

8.4 EUROPE

8.4.1 TEMPERATURE CONTROL AND LEGISLATION REQUIREMENTS FOR
REFRIGERATED TRANSPORT

8.5 INDIA

8.5.1 COP APPROVAL REQUIREMENTS FOR REFRIGERATED TRANSPORT

8.6 US

8.6.1 ELECTROLYTE SPILLAGE AND ELECTRICAL SHOCK PROTECTION FOR REFRIGERATED TRANSPORT

8.7 AUSTRALIA & NEW ZEALAND

8.7.1 FOOD STANDARDS AUSTRALIA NEW ZEALAND (FSANZ)

8.8 LEGISLATIONS FOR THE USE OF REFRIGERANTS IN COLD CHAIN LOGISTICS

8.9 ASIA PACIFIC

8.9.1 EURO-ASIAN TRANSPORT LINKS (EATL)

8.9.2 SILK ROAD

9 REFRIGERATED TRANSPORT MARKET, BY APPLICATION

9.1 INTRODUCTION

FIGURE 36 CHILLED FOOD PRODUCTS TO DOMINATE THE REFRIGERATED TRANSPORT MARKET FROM 2022 TO 2027 (KT)

TABLE 13 REFRIGERATED TRANSPORT MARKET SIZE, BY APPLICATION, 2019–2022 (KT)

TABLE 14 REFRIGERATED TRANSPORT MARKET, BY APPLICATION, 2023–2027 (KT)

9.2 CHILLED FOOD PRODUCTS

TABLE 15 REFRIGERATED TRANSPORT MARKET SIZE FOR CHILLED FOOD PRODUCTS, BY REGION, 2019–2022 (KT)

TABLE 16 REFRIGERATED TRANSPORT MARKET SIZE FOR CHILLED FOOD PRODUCTS, BY REGION, 2023–2027 (KT)

FIGURE 37 REFRIGERATED TRANSPORT MARKET SIZE FOR CHILLED FOOD PRODUCTS, BY TYPE, 2022 VS. 2027 (KT)

9.2.1 MILK

TABLE 17 REFRIGERATED MILK MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 18 REFRIGERATED MILK MARKET SIZE, BY REGION, 2023–2027 (KT)

9.2.2 BAKERY & CONFECTIONERY PRODUCTS

TABLE 19 REFRIGERATED BAKERY & CONFECTIONERY PRODUCTS MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 20 REFRIGERATED BAKERY & CONFECTIONERY PRODUCTS MARKET SIZE, BY REGION, 2023–2027 (KT)

9.2.3 DAIRY PRODUCTS

TABLE 21 REFRIGERATED DAIRY PRODUCTS MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 22 REFRIGERATED DAIRY PRODUCTS MARKET SIZE, BY REGION,

2023–2027 (KT)

9.2.4 BEVERAGES

TABLE 23 REFRIGERATED BEVERAGES MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 24 REFRIGERATED BEVERAGES MARKET SIZE, BY REGION, 2023–2027 (KT)

9.2.5 FRESH FRUITS & VEGETABLES

TABLE 25 REFRIGERATED FRESH FRUITS & VEGETABLE MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 26 REFRIGERATED FRESH FRUITS & VEGETABLE MARKET SIZE, BY REGION, 2023–2027 (KT)

9.3 FROZEN FOOD PRODUCTS

TABLE 27 REFRIGERATED TRANSPORT MARKET SIZE FOR FROZEN FOOD PRODUCTS, BY REGION, 2019–2022 (KT)

TABLE 28 REFRIGERATED TRANSPORT MARKET SIZE FOR FROZEN FOOD PRODUCTS, BY REGION, 2023–2027 (KT)

FIGURE 38 REFRIGERATED TRANSPORT MARKET SIZE FOR FROZEN FOOD PRODUCTS, BY TYPE, 2022 VS. 2027 (KT)

9.3.1 ICE CREAM

TABLE 29 REFRIGERATED ICECREAM MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 30 REFRIGERATED ICECREAM MARKET SIZE, BY REGION, 2023–2027 (KT)

9.3.2 FROZEN DAIRY PRODUCTS

TABLE 31 REFRIGERATED FROZEN DAIRY PRODUCTS MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 32 REFRIGERATED FROZEN DAIRY PRODUCTS MARKET SIZE, BY REGION, 2023–2027 (KT)

9.3.3 PROCESSED MEAT

FIGURE 39 CATEGORIES OF PROCESSED MEAT PRODUCTS AND TYPICAL EXAMPLES

TABLE 33 REFRIGERATED PROCESSED MEAT MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 34 REFRIGERATED PROCESSED MEAT MARKET SIZE, BY REGION, 2023–2027 (KT)

9.3.4 FISH & SEAFOOD

TABLE 35 REFRIGERATED FISH & SEAFOOD MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 36 REFRIGERATED FISH & SEAFOOD MARKET SIZE, BY REGION,

2023–2027 (KT)

9.3.5 BAKERY PRODUCTS

TABLE 37 REFRIGERATED BAKERY PRODUCTS MARKET SIZE, BY REGION, 2019–2022 (KT)

TABLE 38 REFRIGERATED BAKERY PRODUCTS MARKET SIZE, BY REGION, 2023–2027 (KT)

10 REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT

10.1 INTRODUCTION

FIGURE 40 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY MODE OF TRANSPORT, 2022 VS. 2027 (UNITS)

10.2 REFRIGERATED ROAD TRANSPORT

TABLE 39 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY VEHICLE TYPE,

2019–2022 (USD MILLION)

TABLE 40 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY VEHICLE TYPE,

2023–2027 (USD MILLION)

TABLE 41 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY VEHICLE TYPE,

2019–2022 (UNITS)

TABLE 42 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY VEHICLE TYPE,

2023–2027 (UNITS)

10.3 COVID-19 IMPACT ON THE REFRIGERATED TRANSPORT MARKET BY VEHICLE TYPE

10.3.1 OPTIMISTIC SCENARIO

TABLE 43 OPTIMISTIC SCENARIO: IMPACT OF COVID–19 ON THE REFRIGERATED TRANSPORT MARKET, BY VEHICLE TYPE, 2020–2023 (USD MILLION)

10.3.2 REALISTIC SCENARIO

TABLE 44 REALISTIC SCENARIO: IMPACT OF COVID–19 ON THE REFRIGERATED TRANSPORT MARKET, BY VEHICLE TYPE, 2020–2023 (USD MILLION)

10.3.3 PESSIMISTIC SCENARIO

TABLE 45 PESSIMISTIC SCENARIO: IMPACT OF COVID-19 ON THE REFRIGERATED TRANSPORT MARKET, BY VEHICLE TYPE, 2020-2023 (USD MILLION)

10.3.4 REFRIGERATED LCV (VAN)

TABLE 46 REFRIGERATED LCV MARKET SIZE, BY REGION, 2019-2022 (USD MILLION)

TABLE 47 REFRIGERATED LCV MARKET SIZE, BY REGION, 2023-2027 (USD MILLION)

TABLE 48 REFRIGERATED LCV MARKET SIZE, BY REGION, 2019-2022 (UNITS)

TABLE 49 REFRIGERATED LCV MARKET SIZE, BY REGION, 2023-2027 (UNITS)

10.3.5 REFRIGERATED MHCV (TRUCK)

TABLE 50 REFRIGERATED MHCV MARKET SIZE, BY REGION, 2019-2022 (USD MILLION)

TABLE 51 REFRIGERATED MHCV MARKET SIZE, BY REGION, 2023-2027 (USD MILLION)

TABLE 52 REFRIGERATED MHCV MARKET SIZE, BY REGION, 2019-2022 (UNITS)

TABLE 53 REFRIGERATED MHCV MARKET SIZE, BY REGION, 2023-2027 (UNITS)

10.3.6 REFRIGERATED HCV (TRAILERS & SEMI-TRAILERS)

TABLE 54 REFRIGERATED HCV MARKET SIZE, BY REGION, 2019-2022 (USD MILLION)

TABLE 55 REFRIGERATED HCV MARKET SIZE, BY REGION, 2023-2027 (USD MILLION)

TABLE 56 REFRIGERATED HCV MARKET SIZE, BY REGION, 2019-2022 (UNITS)

TABLE 57 REFRIGERATED HCV MARKET SIZE, BY REGION, 2023-2027 (UNITS)

10.4 REFRIGERATED SEA TRANSPORT

10.5 REFRIGERATED RAIL TRANSPORT

10.6 REFRIGERATED AIR TRANSPORT

11 REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE

11.1 INTRODUCTION

FIGURE 41 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY TEMPERATURE,

2022 VS. 2027 (UNITS)

TABLE 58 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY TEMPERATURE,

2019–2022 (UNITS)

TABLE 59 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY TEMPERATURE,

2023–2027 (UNITS)**11.2 SINGLE-TEMPERATURE**

TABLE 60 SINGLE-TEMPERATURE REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY REGION, 2019–2022 (UNITS)

TABLE 61 SINGLE-TEMPERATURE REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY REGION, 2023–2027 (UNIT)

11.3 MULTI-TEMPERATURE

TABLE 62 MULTI-TEMPERATURE REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY REGION, 2019–2022 (UNITS)

TABLE 63 MULTI-TEMPERATURE REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY REGION, 2023–2027 (UNITS)

12 REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY**12.1 INTRODUCTION**

FIGURE 42 REFRIGERATED ROAD TRANSPORT MARKET SIZE, BY TECHNOLOGY,

2022 VS. 2027 (USD MILLION)

TABLE 64 REFRIGERATED TRANSPORT MARKET SIZE, BY TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 65 REFRIGERATED TRANSPORT MARKET SIZE, BY TECHNOLOGY, 2023–2027 (USD MILLION)

TABLE 66 REFRIGERATED TRANSPORT MARKET SIZE, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 67 REFRIGERATED TRANSPORT MARKET SIZE, BY TECHNOLOGY, 2023–2027 (UNITS)

12.2 COVID-19 IMPACT ON THE REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY

12.2.1 OPTIMISTIC SCENARIO

TABLE 68 OPTIMISTIC SCENARIO: IMPACT OF COVID–19 ON THE REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2020–2023 (USD

MILLION)

12.2.2 REALISTIC SCENARIO

TABLE 69 REALISTIC SCENARIO: IMPACT OF COVID-19 ON THE REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2020-2023 (USD MILLION)

12.2.3 PESSIMISTIC SCENARIO

TABLE 70 PESSIMISTIC SCENARIO: IMPACT OF COVID-19 ON THE REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2020-2023 (USD MILLION)

12.3 VAPOR COMPRESSION SYSTEMS

12.3.1 AIR-BLOWN EVAPORATORS

TABLE 71 AIR-BLOWN EVAPORATORS: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019-2022 (USD MILLION)

TABLE 72 AIR-BLOWN EVAPORATORS: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023-2027 (USD MILLION)

TABLE 73 AIR-BLOWN EVAPORATORS: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019-2022 (UNITS)

TABLE 74 AIR-BLOWN EVAPORATORS: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023-2027 (UNITS)

12.3.2 EUTECTIC DEVICES

TABLE 75 EUTECTIC DEVICES: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019-2022 (USD MILLION)

TABLE 76 EUTECTIC DEVICES: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023-2027 (USD MILLION)

TABLE 77 EUTECTIC DEVICES: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019-2022 (UNITS)

TABLE 78 EUTECTIC DEVICES: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023-2027 (UNITS)

12.3.3 HYBRID

TABLE 79 HYBRID: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION,

2019-2022 (USD MILLION)

TABLE 80 HYBRID: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION,

2023-2027 (USD MILLION)

TABLE 81 HYBRID: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION,

2019-2022 (UNITS)

TABLE 82 HYBRID: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION,

2023–2027 (UNITS)

12.3.4 FULLY ELECTRIC

TABLE 83 FULLY ELECTRIC: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019–2022 (USD MILLION)

TABLE 84 FULLY ELECTRIC: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023–2027 (USD MILLION)

TABLE 85 FULLY ELECTRIC: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2019–2022 (UNITS)

TABLE 86 FULLY ELECTRIC: REFRIGERATED TRANSPORT MARKET SIZE, BY REGION, 2023–2027 (UNITS)

12.4 COMPRESSOR TECHNOLOGY

12.4.1 SCROLL

12.4.2 OPEN-RECIP

12.4.3 OTHERS

13 REFRIGERATED TRANSPORT MARKET, BY REGION

13.1 INTRODUCTION

FIGURE 43 INDIA TO RECORD THE FASTEST GROWTH RATE DURING THE FORECAST PERIOD

TABLE 87 REFRIGERATED TRANSPORT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 88 REFRIGERATED TRANSPORT MARKET, BY REGION, 2023–2027 (USD MILLION)

TABLE 89 REFRIGERATED TRANSPORT MARKET, BY REGION, 2019–2022 (UNITS)

TABLE 90 REFRIGERATED TRANSPORT MARKET, BY REGION, 2023–2027 (UNITS)

13.2 COVID-19 IMPACT ON THE REFRIGERATED TRANSPORT MARKET BY REGION

13.2.1 OPTIMISTIC SCENARIO

TABLE 91 OPTIMISTIC SCENARIO: REFRIGERATED TRANSPORT MARKET, BY REGION, 2020–2023 (USD MILLION)

13.2.2 REALISTIC SCENARIO

TABLE 92 REALISTIC SCENARIO: REFRIGERATED TRANSPORT MARKET, BY

REGION, 2020–2023 (USD MILLION)

13.2.3 PESSIMISTIC SCENARIO

TABLE 93 PESSIMISTIC SCENARIO: REFRIGERATED TRANSPORT MARKET, BY REGION, 2020–2023 (USD MILLION)

13.3 NORTH AMERICA

TABLE 94 NORTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 95 NORTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (USD MILLION)

TABLE 96 NORTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (UNITS)

TABLE 97 NORTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (UNITS)

TABLE 98 NORTH AMERICA CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 99 NORTH AMERICA CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 100 NORTH AMERICA FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 101 NORTH AMERICA FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 102 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 103 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 104 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 105 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 106 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2019–2022 (UNITS)

TABLE 107 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2023–2027 (UNITS)

TABLE 108 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 109 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (USD MILLION)

TABLE 110 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 111 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (UNITS)

TABLE 112 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 113 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 114 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 115 NORTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.3.1 US

13.3.1.1 Temperature-sensitive dairy, beverages, and meat products make up a significant market for the industry

TABLE 116 US: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT,

2019–2022 (USD MILLION)

TABLE 117 US: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT,

2023–2027 (USD MILLION)

TABLE 118 US: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 119 US: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 120 US: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 121 US: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 122 US: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 123 US: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.3.2 CANADA

13.3.2.1 The country is a major importer and exporter of agricultural products

TABLE 124 CANADA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 125 CANADA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 126 CANADA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 127 CANADA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 128 CANADA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 129 CANADA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 130 CANADA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 131 CANADA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.3.3 MEXICO

13.3.3.1 Increasing consumption of packaged food products has led to the increased demand for retail distribution

TABLE 132 MEXICO: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 133 MEXICO: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 134 MEXICO: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 135 MEXICO: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 136 MEXICO: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 137 MEXICO: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 138 MEXICO: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 139 MEXICO: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4 EUROPE

FIGURE 44 EUROPE: REFRIGERATED TRANSPORT MARKET SNAPSHOT

TABLE 140 EUROPE VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 141 EUROPE VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (USD MILLION)

TABLE 142 EUROPE VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (UNITS)

TABLE 143 EUROPE VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (UNITS)

TABLE 144 EUROPE CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 145 EUROPE CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 146 EUROPE FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 147 EUROPE FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 148 EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 149 EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 150 EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 151 EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 152 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2019–2022 (UNITS)

TABLE 153 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2023–2027 (UNITS)

TABLE 154 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY,

2019–2022 (USD MILLION)

TABLE 155 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY,

2023–2027 (USD MILLION)

TABLE 156 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 157 EUROPE: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (UNITS)

TABLE 158 EUROPE: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 159 EUROPE: REFRIGERATED TRANSPORT MARKET, BY CHILLED

PRODUCTS, 2023–2027 (KT)

TABLE 160 EUROPE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 161 EUROPE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.1 UK

13.4.1.1 The continuous increase in domestic consumption and higher standards of quality requirements of food products are aiding the growth of the market

TABLE 162 UK: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT,

2019–2022 (USD MILLION)

TABLE 163 UK: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT,

2023–2027 (USD MILLION)

TABLE 164 UK: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 165 UK: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 166 UK: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 167 UK: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 168 UK: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 169 UK: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.2 GERMANY

13.4.2.1 The country is a major importer and exporter of agricultural products

TABLE 170 GERMANY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 171 GERMANY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 172 GERMANY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 173 GERMANY: REFRIGERATED TRANSPORT MARKET, BY MODE OF

TRANSPORT, 2023–2027 (UNITS)

TABLE 174 GERMANY: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 175 GERMANY: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 176 GERMANY: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 177 GERMANY: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.3 FRANCE

13.4.3.1 Growing consumption of meat and meat products is expected to propel the refrigerated transport market

TABLE 178 FRANCE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 179 FRANCE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 180 FRANCE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 181 FRANCE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 182 FRANCE: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 183 FRANCE: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 184 FRANCE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 185 FRANCE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.4 ITALY

13.4.4.1 Increasing consumer inclination towards healthy food products and ready-to-eat meals

TABLE 186 ITALY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 187 ITALY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 188 ITALY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 189 ITALY: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 190 ITALY: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 191 ITALY: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 192 ITALY: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 193 ITALY: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.5 SPAIN

13.4.5.1 Technological development has contributed to the refrigerated transport market in Spain

TABLE 194 SPAIN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 195 SPAIN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 196 SPAIN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 197 SPAIN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 198 SPAIN: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 199 SPAIN: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 200 SPAIN: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 201 SPAIN: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.4.6 REST OF EUROPE

13.4.6.1 Development of the refrigerated transport market is dependent on the growing food & beverage industry

TABLE 202 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 203 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 204 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 205 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 206 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY

CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 207 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 208 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 209 REST OF EUROPE: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5 ASIA PACIFIC

FIGURE 45 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET SNAPSHOT

TABLE 210 ASIA PACIFIC VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 211 ASIA PACIFIC VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (USD MILLION)

TABLE 212 ASIA PACIFIC VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (UNITS)

TABLE 213 ASIA PACIFIC VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (UNITS)

TABLE 214 ASIA PACIFIC CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 215 ASIA PACIFIC CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 216 ASIA PACIFIC FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 217 ASIA PACIFIC FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 218 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 219 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 220 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 221 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 222 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2019–2022 (UNITS)

TABLE 223 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2023–2027 (UNITS)

TABLE 224 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 225 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (USD MILLION)

TABLE 226 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 227 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (UNITS)

TABLE 228 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 229 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 230 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 231 ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5.1 CHINA

13.5.1.1 Rising demand for high-quality fresh food products

TABLE 232 CHINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 233 CHINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 234 CHINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 235 CHINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 236 CHINA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 237 CHINA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 238 CHINA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 239 CHINA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5.2 JAPAN

13.5.2.1 Growing consumer preference for processed food & beverage products

TABLE 240 JAPAN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 241 JAPAN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 242 JAPAN: REFRIGERATED TRANSPORT MARKET, BY MODE OF

TRANSPORT, 2019–2022 (UNITS)

TABLE 243 JAPAN: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 244 JAPAN: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 245 JAPAN: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 246 JAPAN: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 247 JAPAN: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5.3 INDIA

13.5.3.1 Change in consumption patterns increase demand for packaged food products

TABLE 248 INDIA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 249 INDIA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 250 INDIA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 251 INDIA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 252 INDIA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 253 INDIA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 254 INDIA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 255 INDIA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5.4 SOUTH KOREA

13.5.4.1 Increasing trading of perishables attributed to the growth of the refrigerated transport market

TABLE 256 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 257 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 258 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 259 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 260 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 261 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 262 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 263 SOUTH KOREA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.5.5 REST OF ASIA PACIFIC

TABLE 264 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 265 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 266 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 267 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 268 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 269 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 270 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 271 REST OF ASIA PACIFIC: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.6 SOUTH AMERICA

TABLE 272 SOUTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 273 SOUTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (USD MILLION)

TABLE 274 SOUTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (UNITS)

TABLE 275 SOUTH AMERICA VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (UNITS)

TABLE 276 SOUTH AMERICA CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 277 SOUTH AMERICA CHILLED PRODUCTS: REFRIGERATED TRANSPORT

MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 278 SOUTH AMERICA FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 279 SOUTH AMERICA FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 280 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 281 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 282 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 283 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 284 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2019–2022 (UNITS)

TABLE 285 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2023–2027 (UNITS)

TABLE 286 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 287 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (USD MILLION)

TABLE 288 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 289 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (UNITS)

TABLE 290 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 291 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 292 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 293 SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.6.1 BRAZIL

13.6.1.1 Growing organized retail sector enhances the refrigerated transport market growth

TABLE 294 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 295 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY MODE OF

TRANSPORT, 2023–2027 (USD MILLION)

TABLE 296 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 297 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 298 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 299 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 300 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 301 BRAZIL: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.6.2 ARGENTINA

13.6.2.1 Increasing consumption of convenience food products resulted in the rise in demand for refrigerated transport

TABLE 302 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 303 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 304 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 305 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 306 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 307 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 308 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 309 ARGENTINA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.6.3 REST OF SOUTH AMERICA

TABLE 310 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 311 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 312 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 313 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 314 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 315 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 316 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 317 REST OF SOUTH AMERICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.7 REST OF THE WORLD

TABLE 318 REST OF THE WORLD VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 319 REST OF THE WORLD VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (USD MILLION)

TABLE 320 REST OF THE WORLD VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (UNITS)

TABLE 321 REST OF THE WORLD VEHICLE TYPE: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (UNITS)

TABLE 322 REST OF THE WORLD CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 323 REST OF THE WORLD CHILLED PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 324 REST OF THE WORLD FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2019–2022 (KT)

TABLE 325 REST OF THE WORLD FROZEN PRODUCTS: REFRIGERATED TRANSPORT MARKET, BY COUNTRY, 2023–2027 (KT)

TABLE 326 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 327 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 328 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 329 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 330 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2019–2022 (UNITS)

TABLE 331 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TEMPERATURE, 2023–2027 (UNITS)

TABLE 332 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 333 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (USD MILLION)

TABLE 334 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2019–2022 (UNITS)

TABLE 335 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY TECHNOLOGY, 2023–2027 (UNITS)

TABLE 336 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 337 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 338 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 339 REST OF THE WORLD: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.7.1 AFRICA

13.7.1.1 Increase in the export of perishable foods such as fruits & vegetables is the key driver for African refrigerated transport

TABLE 340 AFRICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (USD MILLION)

TABLE 341 AFRICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 342 AFRICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 343 AFRICA: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 344 AFRICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 345 AFRICA: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 346 AFRICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 347 AFRICA: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

13.7.2 MIDDLE EAST

13.7.2.1 Significant reliance on food imports to drive the growth of the refrigerated transport market

TABLE 348 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY MODE OF

TRANSPORT, 2019–2022 (USD MILLION)

TABLE 349 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (USD MILLION)

TABLE 350 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2019–2022 (UNITS)

TABLE 351 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY MODE OF TRANSPORT, 2023–2027 (UNITS)

TABLE 352 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2019–2022 (KT)

TABLE 353 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY CHILLED PRODUCTS, 2023–2027 (KT)

TABLE 354 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2019–2022 (KT)

TABLE 355 MIDDLE EAST: REFRIGERATED TRANSPORT MARKET, BY FROZEN PRODUCTS, 2023–2027 (KT)

14 COMPETITIVE LANDSCAPE

14.1 OVERVIEW

14.2 MARKET SHARE ANALYSIS, 2021

TABLE 356 FROZEN AND CHILLED FOOD MANUFACTURERS SHARE ANALYSIS, 2021

14.3 HISTORICAL REVENUE ANALYSIS OF KEY PLAYERS

FIGURE 46 FIVE-YEAR TOTAL REVENUE ANALYSIS OF KEY PLAYERS IN THE MARKET, 2016–2020 (USD BILLION)

14.4 COVID-19-SPECIFIC COMPANY RESPONSE

14.4.1 KELLOGG CO

14.4.2 GENERAL MILLS INC.

14.4.3 NESTLE SA

14.4.4 CONAGRA BRANDS

14.4.5 TYSON FOODS, INC.

14.5 COMPANY EVALUATION QUADRANT (KEY PLAYERS)

14.5.1 STARS

14.5.2 PERVASIVE PLAYERS

14.5.3 EMERGING LEADERS

14.5.4 PARTICIPANTS

FIGURE 47 FROZEN AND CHILLED FOOD MANUFACTURERS, COMPANY EVALUATION QUADRANT, 2021

14.5.5 FROZEN AND CHILLED FOOD FOOTPRINT (KEY PLAYERS)

TABLE 357 COMPANY FOOTPRINT, BY CHILLED FOOD PRODUCTS

TABLE 358 COMPANY FOOTPRINT, BY FROZEN FOOD PRODUCTS

TABLE 359 COMPANY REGIONAL, BY REGIONAL FOOTPRINT

TABLE 360 OVERALL, COMPANY FOOTPRINT

TABLE 361 FROZEN AND CHILLED FOOD: COMPETITIVE BENCHMARKING OF OTHER PLAYERS

14.6 COMPETITIVE SCENARIO

14.6.1 NEW PRODUCT LAUNCHES

TABLE 362 FROZEN AND CHILLED FOOD: NEW PRODUCT LAUNCHES, 2018-2021

14.6.2 DEALS

TABLE 363 FROZEN AND CHILLED FOOD: DEALS, 2018-2022

14.6.3 OTHERS

TABLE 364 FROZEN AND CHILLED FOOD: OTHERS, 2019-2021

15 COMPANY PROFILES

(Business overview, Products/solutions/services offered, Recent Developments, MNM view)*

15.1 KEY PLAYERS

15.1.1 NESTLE SA

TABLE 365 NESTLE SA: BUSINESS OVERVIEW

FIGURE 48 NESTLE SA: COMPANY SNAPSHOT

TABLE 366 NESTLE SA: PRODUCTS OFFERED

TABLE 367 NESTLE SA: NEW PRODUCT LAUNCHES

TABLE 368 NESTLE SA: OTHERS

15.1.2 TYSON FOODS, INC.

TABLE 369 TYSON FOODS, INC.: BUSINESS OVERVIEW

FIGURE 49 TYSON FOODS, INC.: COMPANY SNAPSHOT

TABLE 370 TYSON FOODS, INC.: PRODUCTS OFFERED

TABLE 371 TYSON FOODS, INC.: DEALS

15.1.3 THE KRAFT HEINZ COMPANY

TABLE 372 THE KRAFT HEINZ COMPANY: BUSINESS OVERVIEW

FIGURE 50 THE KRAFT HEINZ COMPANY: COMPANY SNAPSHOT

TABLE 373 THE KRAFT HEINZ COMPANY: PRODUCTS OFFERED

TABLE 374 THE KRAFT HEINZ COMPANY: DEALS

15.1.4 GENERAL MILLS INC.

TABLE 375 GENERAL MILLS INC.: BUSINESS OVERVIEW

FIGURE 51 GENERAL MILLS INC.: COMPANY SNAPSHOT

TABLE 376 GENERAL MILLS INC.: PRODUCTS OFFERED

TABLE 377 GENERAL MILLS INC.: DEALS

TABLE 378 GENERAL MILLS INC.: OTHERS

15.1.5 SMITHFIELD FOODS, INC

TABLE 379 SMITHFIELD FOODS, INC: BUSINESS OVERVIEW

TABLE 380 SMITHFIELD FOODS, INC: PRODUCTS OFFERED

15.1.6 KELLOGG CO.

TABLE 381 KELLOGG CO.: BUSINESS OVERVIEW

FIGURE 52 KELLOGG CO.: COMPANY SNAPSHOT

TABLE 382 KELLOGG CO.: PRODUCTS OFFERED

TABLE 383 KELLOGG CO.: NEW PRODUCT LAUNCHES

15.1.7 CONAGRA BRANDS, INC.

TABLE 384 CONAGRA BRANDS, INC.: BUSINESS OVERVIEW

FIGURE 53 CONAGRA BRANDS, INC.: COMPANY SNAPSHOT

TABLE 385 CONAGRA BRANDS, INC.: PRODUCTS OFFERED

15.1.8 KERRY GROUP PLC

TABLE 386 KERRY GROUP PLC: BUSINESS OVERVIEW

FIGURE 54 KERRY GROUP PLC: COMPANY SNAPSHOT

TABLE 387 KERRY GROUP PLC: PRODUCTS OFFERED

15.1.9 DEL MONTE PACIFIC LIMITED

TABLE 388 DEL MONTE PACIFIC LIMITED: BUSINESS OVERVIEW

FIGURE 55 DEL MONTE PACIFIC LIMITED: COMPANY SNAPSHOT

TABLE 389 DEL MONTE PACIFIC LIMITED: PRODUCTS OFFERED

15.1.10 ARYZTA AG

TABLE 390 ARYZTA AG: BUSINESS OVERVIEW

FIGURE 56 ARYZTA AG: COMPANY SNAPSHOT

TABLE 391 ARYZTA AG: PRODUCTS OFFERED

*Details on Business overview, Products/solutions/services offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

16 COMPETITIVE LANDSCAPE

16.1 OVERVIEW

16.2 MARKET SHARE ANALYSIS, 2021

TABLE 392 REFRIGERATED AND TRANSPORT SERVICE PROVIDERS

MANUFACTURERS SHARE ANALYSIS, 2021

16.3 HISTORICAL REVENUE ANALYSIS OF KEY PLAYERS

FIGURE 57 FIVE-YEAR TOTAL REVENUE ANALYSIS OF KEY PLAYERS IN THE MARKET, 2016–2020 (USD BILLION)

16.4 COMPANY EVALUATION QUADRANT (KEY PLAYERS)

16.4.1 STARS

16.4.2 PERVASIVE PLAYERS

16.4.3 EMERGING LEADERS

16.4.4 PARTICIPANTS

FIGURE 58 REFRIGERATED AND TRANSPORT SERVICE PROVIDERS
MANUFACTURERS, COMPANY EVALUATION QUADRANT, 2021

16.4.5 REFRIGERATED TRANSPORT SERVICE PROVIDER'S PRODUCT
FOOTPRINT (KEY PLAYERS)

TABLE 393 COMPANY FOOTPRINT, BY MODE OF TRANSPORT

TABLE 394 COMPANY FOOTPRINT, BY TEMPERATURE

TABLE 395 REFRIGERATED AND TRANSPORT SERVICE PROVIDERS:
COMPETITIVE BENCHMARKING OF MARKET PLAYERS

16.5 COMPETITIVE SCENARIO

16.5.1 NEW PRODUCT LAUNCHES

TABLE 396 REFRIGERATED TRANSPORT SERVICE PROVIDERS: NEW PRODUCT
LAUNCHES, 2018-2021

16.5.2 DEALS

TABLE 397 REFRIGERATED TRANSPORT SERVICE PROVIDERS: DEALS,
2018-2022

16.5.3 OTHERS

TABLE 398 REFRIGERATED TRANSPORT SERVICE PROVIDERS: OTHERS,
2019-2021

17 COMPANY PROFILES

(Business overview, Products/solutions/services offered, Recent Developments, MNM
view)*

17.1 KEY PLAYERS

17.1.1 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION)

TABLE 399 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
BUSINESS OVERVIEW

FIGURE 59 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
COMPANY SNAPSHOT

TABLE 400 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
PRODUCTS OFFERED

TABLE 401 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
NEW PRODUCT LAUNCHES

TABLE 402 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
DEALS

**TABLE 403 UNITED TECHNOLOGIES CORPORATION (CARRIER CORPORATION):
OTHERS****17.1.2 DAIKIN INDUSTRIES, LTD.,****TABLE 404 DAIKIN INDUSTRIES, LTD.: BUSINESS OVERVIEW****FIGURE 60 DAIKIN INDUSTRIES, LTD.: COMPANY SNAPSHOT****TABLE 405 DAIKIN INDUSTRIES, LTD.: PRODUCTS OFFERED****TABLE 406 DAIKIN INDUSTRIES, LTD.: DEALS****17.1.3 INGERSOLL RAND****TABLE 407 INGERSOLL RAND: BUSINESS OVERVIEW****FIGURE 61 INGERSOLL RAND: COMPANY SNAPSHOT****TABLE 408 INGERSOLL RAND: PRODUCTS OFFERED****TABLE 409 INGERSOLL RAND: NEW PRODUCT LAUNCHES****TABLE 410 INGERSOLL RAND: DEALS****TABLE 411 INGERSOLL RAND: OTHERS****17.1.4 CHINA INTERNATIONAL SHIPPING CONTAINERS (GROUP) CO., LTD.****TABLE 412 CHINA INTERNATIONAL SHIPPING CONTAINERS (GROUP) CO., LTD.:
BUSINESS OVERVIEW****TABLE 413 CHINA INTERNATIONAL SHIPPING CONTAINERS (GROUP) CO., LTD.:
PRODUCTS OFFERED****TABLE 414 CHINA INTERNATIONAL SHIPPING CONTAINERS (GROUP) CO., LTD.:
NEW PRODUCT LAUNCHES****17.1.5 UTILITY TRAILER MANUFACTURING COMPANY****TABLE 415 UTILITY TRAILER MANUFACTURING COMPANY: BUSINESS
OVERVIEW****TABLE 416 UTILITY TRAILER MANUFACTURING COMPANY: PRODUCTS/
OFFERED****TABLE 417 UTILITY TRAILER MANUFACTURING COMPANY: NEW PRODUCT
LAUNCHES****TABLE 418 UTILITY TRAILER MANUFACTURING COMPANY: DEALS****TABLE 419 UTILITY TRAILER MANUFACTURING COMPANY: OTHERS****17.1.6 SINGAMAS CONTAINER HOLDINGS LIMITED****TABLE 420 SINGAMAS CONTAINER HOLDINGS LIMITED: BUSINESS OVERVIEW****FIGURE 62 SINGAMAS CONTAINER HOLDINGS LIMITED: COMPANY SNAPSHOT****TABLE 421 SINGAMAS CONTAINER HOLDINGS LIMITED: PRODUCTS OFFERED****TABLE 422 SINGAMAS CONTAINER HOLDINGS LIMITED: DEALS****17.1.7 HYUNDAI****TABLE 423 HYUNDAI: BUSINESS OVERVIEW****FIGURE 63 HYUNDAI: COMPANY SNAPSHOT****TABLE 424 HYUNDAI: PRODUCTS OFFERED**

TABLE 425 HYUNDAI: NEW PRODUCT LAUNCHES

TABLE 426 HYUNDAI: OTHERS

17.1.8 SCHMITZ CARGOBULL

TABLE 427 SCHMITZ CARGOBULL: BUSINESS OVERVIEW

TABLE 428 SCHMITZ CARGOBULL: PRODUCTS OFFERED

TABLE 429 SCHMITZ CARGOBULL: NEW PRODUCT LAUNCHES

TABLE 430 SCHMITZ CARGOBULL: OTHERS

17.1.9 KRONE

TABLE 431 KRONE: BUSINESS OVERVIEW

TABLE 432 KRONE: PRODUCTS OFFERED

TABLE 433 KRONE: DEALS

17.1.10 LAMBERET SAS

TABLE 434 LAMBERET SAS: BUSINESS OVERVIEW

TABLE 435 LAMBERET SAS: PRODUCTS OFFERED

17.1.11 TATA MOTORS

TABLE 436 TATA MOTORS: BUSINESS OVERVIEW

TABLE 437 TATA MOTORS: PRODUCTS OFFERED

17.1.12 VE COMMERCIAL VEHICLES LIMITED

TABLE 438 VE COMMERCIAL VEHICLES LIMITED: BUSINESS OVERVIEW

TABLE 439 VE COMMERCIAL VEHICLES LIMITED: PRODUCTS OFFERED

17.1.13 SHAANXI TIANHUI INLONG TRADING CO. LTD

TABLE 440 SHAANXI TIANHUI INLONG TRADING CO. LTD: BUSINESS OVERVIEW

TABLE 441 SHAANXI TIANHUI INLONG TRADING CO. LTD: PRODUCTS OFFERED

17.1.14 WABASH NATIONAL CORPORATION

TABLE 442 WABASH NATIONAL CORPORATION: BUSINESS OVERVIEW

TABLE 443 WABASH NATIONAL CORPORATION: PRODUCTS OFFERED

17.1.15 GREAT DANE LLC

TABLE 444 GREAT DANE LLC: BUSINESS OVERVIEW

TABLE 445 GREAT DANE LLC: PRODUCTS OFFERED

*Details on Business overview, Products/solutions/services offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

18 ADJACENT AND RELATED MARKETS

18.1 INTRODUCTION

TABLE 446 ADJACENT MARKETS TO REFRIGERATED TRANSPORT MARKET

18.2 LIMITATIONS

18.3 COLD CHAIN MARKET

18.3.1 MARKET DEFINITION

18.3.2 MARKET OVERVIEW

TABLE 447 COLD CHAIN MARKET, BY VEHICLE TYPE, 2020–2025 (USD MILLION)

18.4 FROZEN FOOD MARKET

18.4.1 MARKET DEFINITION

18.4.2 MARKET OVERVIEW

TABLE 448 FROZEN FOOD MARKET SIZE, BY PRODUCT, 2020–2025 (USD BILLION)

19 APPENDIX

19.1 DISCUSSION GUIDE

19.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

19.3 AVAILABLE CUSTOMIZATIONS

19.4 RELATED REPORTS

19.5 AUTHOR DETAILS

About

The report “Refrigerated Transport Market by Mode, Product Type, Application & by Region - Global Trends & Forecasts to 2019” defines and segments the refrigerated transport market, with analyses and projections of the market size in terms of value.

The global Refrigerated Transport Market is projected to reach \$93,656.4 million by 2019, at a CAGR of 15.2% from 2014.

The refrigerated transport market is growing in accordance with the increasing demands for food products that happen to be perishable and the technological advancements in the refrigerated transport market. This market is driven by the rise in consumption of frozen food products such as bakery & confectionery products and meat, fish & seafood in developed and developing countries. Increasing demands for food products, coupled with initiatives taken by respective governments to establish organized refrigerated transport systems in emerging economies, provide greater opportunity for the growth of the refrigerated transport industry.

The leading players in industrial market include:

Toll Holdings Limited (Australia)

DHL Line-Deutsche Post AG (Germany)

A.P. Moller-Maersk A/S (Denmark)

FedEx Corporation (U.S)

The global refrigerated transport market is projected to reach \$93,656.4 million by 2019, at a CAGR of 15.2% from 2014. In 2013, the North American region was the largest refrigerated transport market, wherein the U.S. dominated this market. The market for refrigerated transport in the Asia-Pacific region is the estimated to be the fastest-growing market from 2014 to 2019.

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