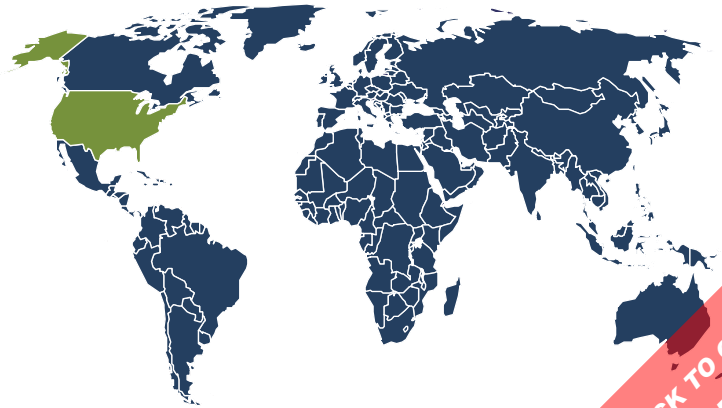


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# Transport Refrigeration Systems: United States

March 2016



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Regulatory and Environmental Factors  
Technology | Food and Beverage Distribution Overview

### Segmentation and Forecasts

Products

### Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts to 2020 US transport refrigeration system demand in US dollars at the manufacturers' level as well as in units. Total demand is segmented in both dollars and units by product in terms of:

- trailers
- shipping containers
- trucks.

US shipments of transport refrigeration systems in dollars are also forecast to 2020.

For purposes of this report, "food" may refer to both food and beverages. Air conditioning systems and all refrigeration equipment designed for residential use are excluded from this report, as are revenues generated from service and maintenance activities on commercial refrigeration equipment. It should be noted that only the refrigeration unit is included in the demand figures provided in this report.

To illustrate historical trends, total demand in dollars is reported at five-year intervals for 2005, 2010, and 2015. Total demand in units, total shipments in dollars, and the various demand segments are reported for 2010 and 2015.

This report quantifies trends in various measures of growth. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

### Sources

*Transport Refrigeration Systems: United States* (FF85034) is based on [Commercial Refrigeration Equipment](#), a comprehensive industry study published by The Freedonia Group in March 2016. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

## Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007 North American Industry Classification System		SIC Standard Industry Codes	
333412	Industrial & Commercial Fan & Blower Mfg	3564	Industrial & Commercial Fans & Blowers & Air Purification Equipment
333415	Air-Conditioning & Warm Air Heating Equipment & Commercial & Industrial Refrigeration Equipment Mfg	3585	Air-Conditioning & Warm Air Heating Equipment & Commercial & Industrial Refrigeration Equipment
334512	Automatic Environmental Control Mfg for Residential, Commercial, & Appliance Use	3822	Automatic Controls for Regulating Residential & Commercial Environments & Appliances

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## RESOURCES

### The Freedonia Group

	<a href="http://www.freedoniagroup.com">www.freedoniagroup.com</a>
3396 <i>Commercial Refrigeration Equipment</i> , March 2016	<a href="#">see study contents</a>
Related Industry Studies	
3366 <i>World Major Household Appliances</i> , February 2016	<a href="#">see study contents</a>
3275 <i>World Food Processing Machinery</i> , June 2015	<a href="#">see study contents</a>
3261 <i>HVAC Equipment</i> , March 2015	<a href="#">see study contents</a>
3225 <i>World Commercial Refrigeration Equipment</i> , October 2014	<a href="#">see study contents</a>
3154 <i>World HVAC Equipment</i> , May 2014	<a href="#">see study contents</a>
Related Focus Reports	
<i>Beverages: United States</i>	<a href="#">see report contents</a>
<i>Freight by Truck: United States</i>	<a href="#">see report contents</a>
<i>Frozen Foods: United States</i>	<a href="#">see report contents</a>
<i>Household Refrigerators &amp; Freezers: United States</i>	<a href="#">see report contents</a>
<i>Medium- &amp; Heavy-Duty Trucks &amp; Buses: United States</i>	<a href="#">see report contents</a>
<i>Restaurants &amp; Foodservice: United States</i>	<a href="#">see report contents</a>
<i>Vending Machines: United States</i>	<a href="#">see report contents</a>
Freedonia Custom Research	<a href="#">see capabilities</a>

### Trade Publications

<i>Air Conditioning, Heating &amp; Refrigeration News</i>	<a href="http://www.achrnews.com">www.achrnews.com</a>
<i>Appliance Design</i>	<a href="http://www.appliancedesign.com">www.appliancedesign.com</a>
<i>Beverage World</i>	<a href="http://www.beverageworld.com">www.beverageworld.com</a>
<i>Builder</i>	<a href="http://www.builderonline.com">www.builderonline.com</a>
<i>Chain Store Age</i>	<a href="http://www.chainstoreage.com">www.chainstoreage.com</a>
<i>Grocery Headquarters</i>	<a href="http://www.groceryheadquarters.com">www.groceryheadquarters.com</a>
<i>Nation's Restaurant News</i>	<a href="http://www.nrn.com">www.nrn.com</a>

### Agencies & Associations

Air Conditioning, Heating, and Refrigeration Institute	<a href="http://www.ahrinet.org">www.ahrinet.org</a>
American Beverage Association	<a href="http://www.ameribev.org">www.ameribev.org</a>
American Society of Heating, Refrigerating, and Air Conditioning Engineers	<a href="http://www.ashrae.org">www.ashrae.org</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States Department of Energy	<a href="http://www.energy.gov">www.energy.gov</a>
United States Environmental Protection Agency	<a href="http://www.epa.gov">www.epa.gov</a>
United States Food and Drug Administration	<a href="http://www.fda.gov">www.fda.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>

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