

HVACR INDUSTRY

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OVERVIEW

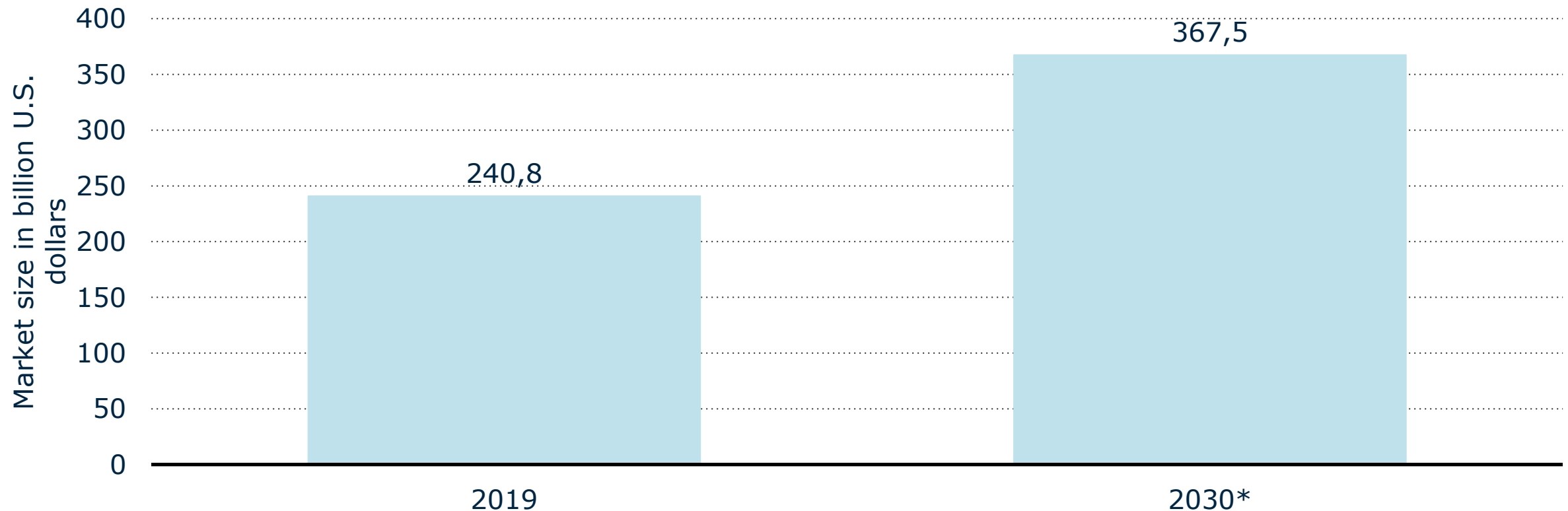
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PROJECTED MARKET SIZE FOR HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) WORLDWIDE FROM 2019 TO 2030 (IN BILLION U.S. DOLLARS)

Global market for HVAC systems in 2019, with a forecast for 2030



Note(s): Worldwide; 2019

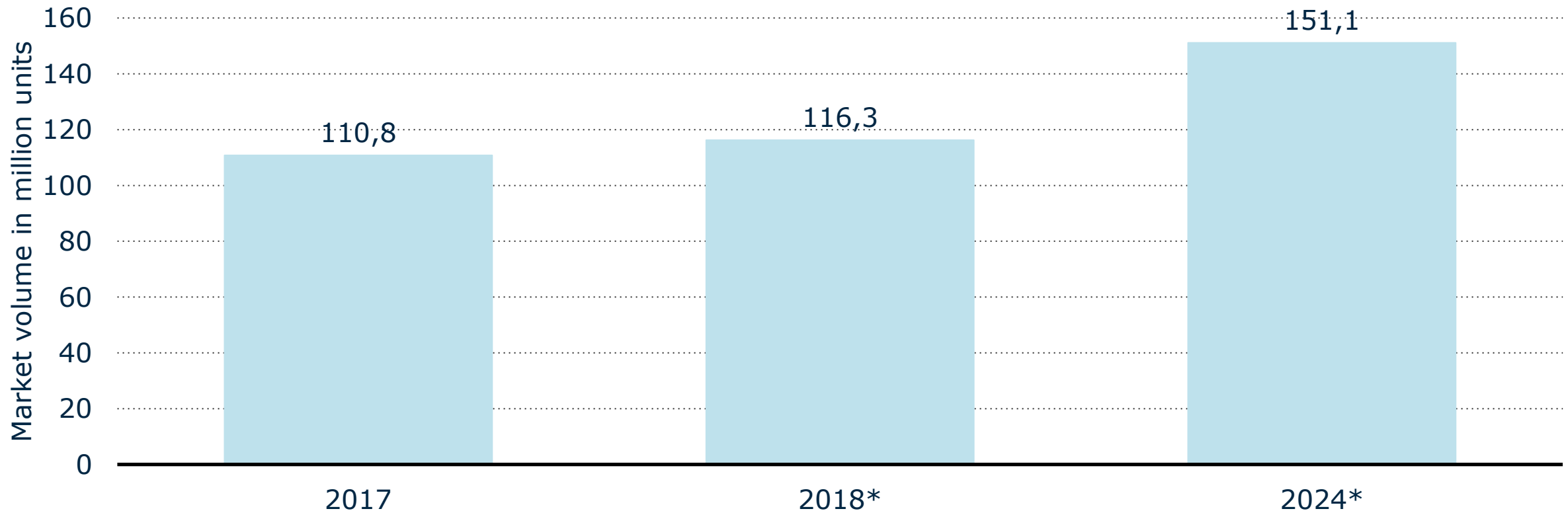
Further information regarding this statistic can be found on [page 37](#).

Source(s): P&S Market Research; [ID 414960](#)



PROJECTED MARKET VOLUME OF THE HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) INDUSTRY WORLDWIDE IN 2017 TO 2018, WITH A FORECAST FOR 2024 (IN MILLION UNITS)

Global market volume HVAC systems 2017-2018, with a forecast for 2024



Note(s): Worldwide; 2017

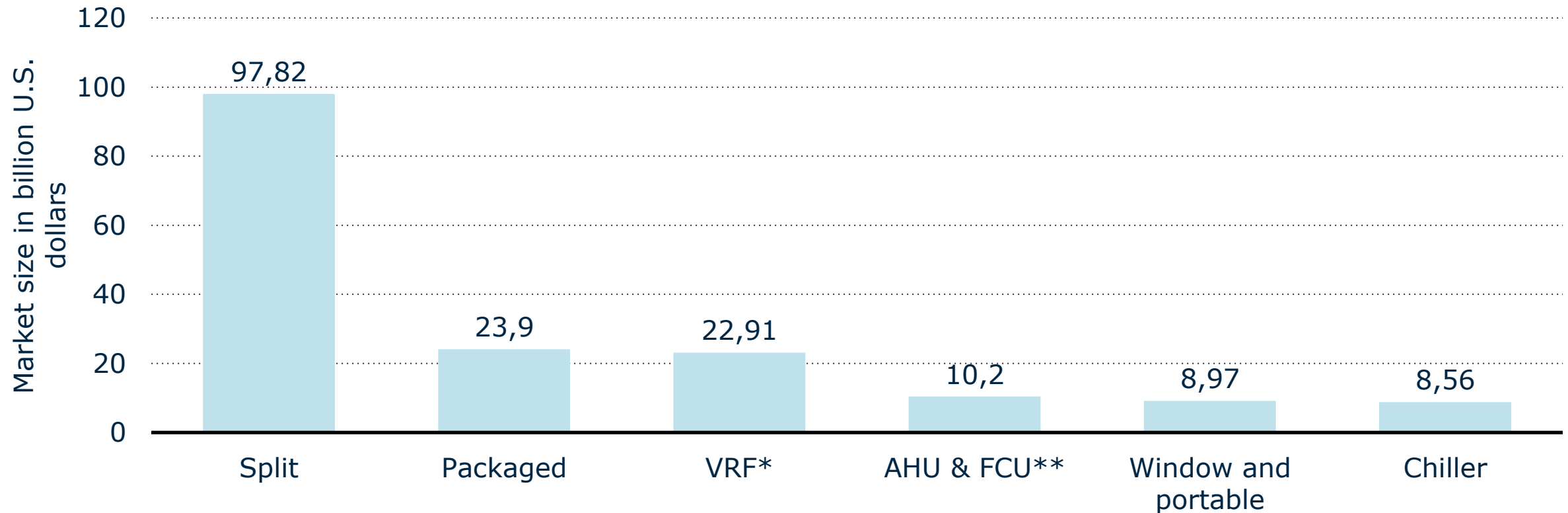
Further information regarding this statistic can be found on [page 38](#).

Source(s): BIS Research; [ID 946468](#)



HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) MARKET SIZE WORLDWIDE IN 2017, BY PRODUCT TYPE (IN BILLION U.S. DOLLARS)

Global market size HVAC systems by product type 2017



Note(s): Worldwide; 2017

Further information regarding this statistic can be found on [page 39](#).

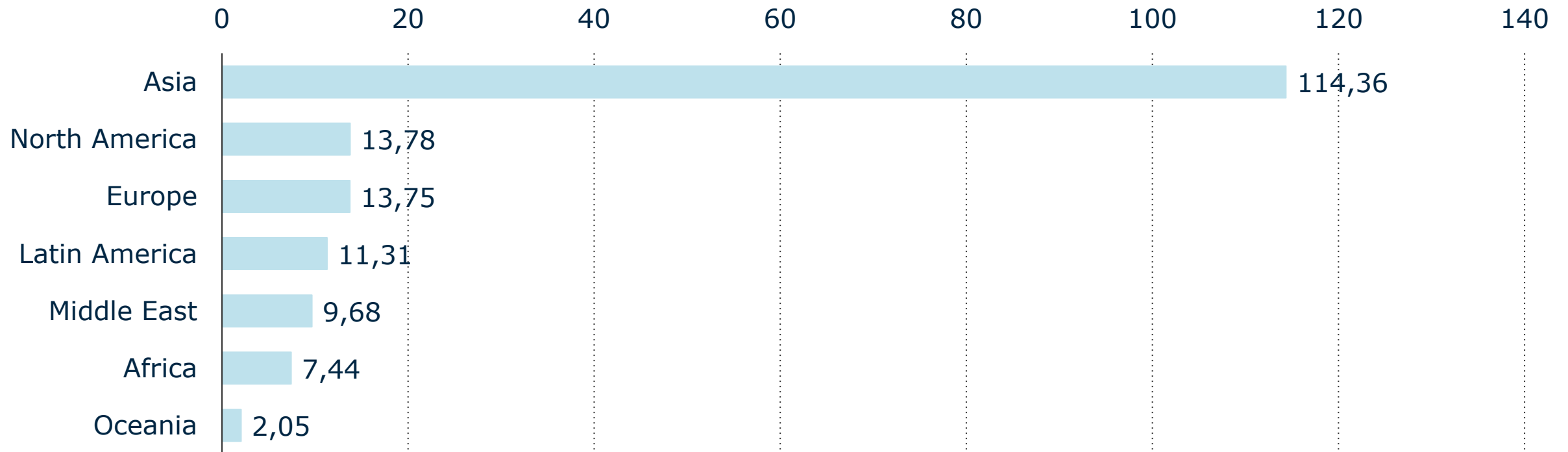
Source(s): BIS Research; [ID 946506](#)



MARKET VALUE OF HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) GLOBALLY IN 2017, BY REGION (IN BILLION U.S. DOLLARS)

Global HVAC market breakdown by region 2017

Market value in billion U.S. dollars



Note(s): Worldwide; 2017

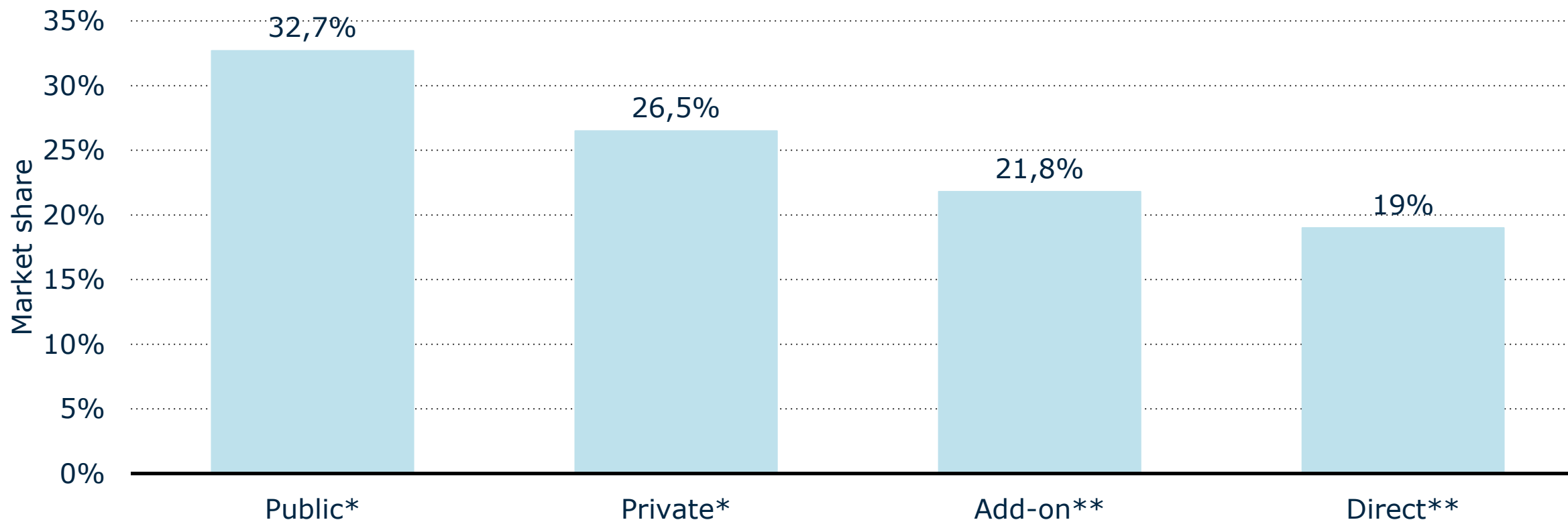
Further information regarding this statistic can be found on [page 40](#).

Source(s): BIS Research; [ID 655558](#)



HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION MARKET SHARE WORLDWIDE IN 2019, BY BUYER

Global HVACR market share by buyer 2019



Note(s): Worldwide; 2019

Further information regarding this statistic can be found on [page 41](#).

Source(s): Capstone Headwaters; PitchBook; FactSet; S&P Capital IQ; [ID 959380](#)



HEATING

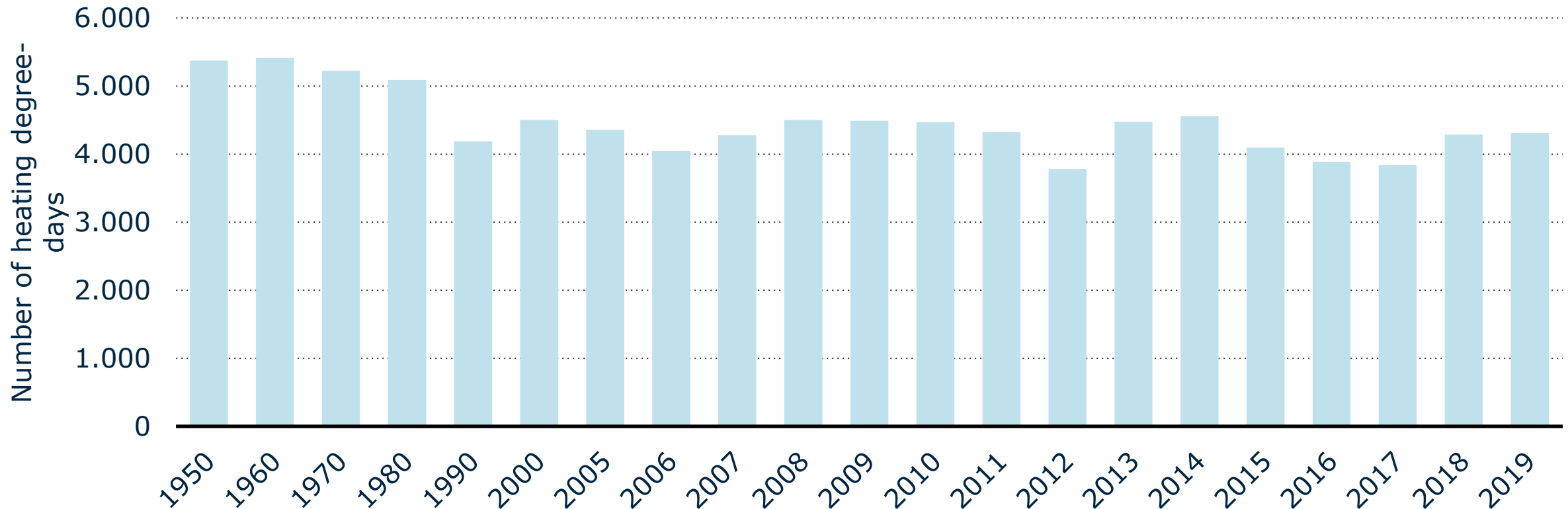
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NUMBER OF HEATING DEGREE-DAYS IN THE UNITED STATES FROM 1950 TO 2019

Number of heating degree-days in the U.S. 1950-2019



Note(s): United States; 1950 to 2019

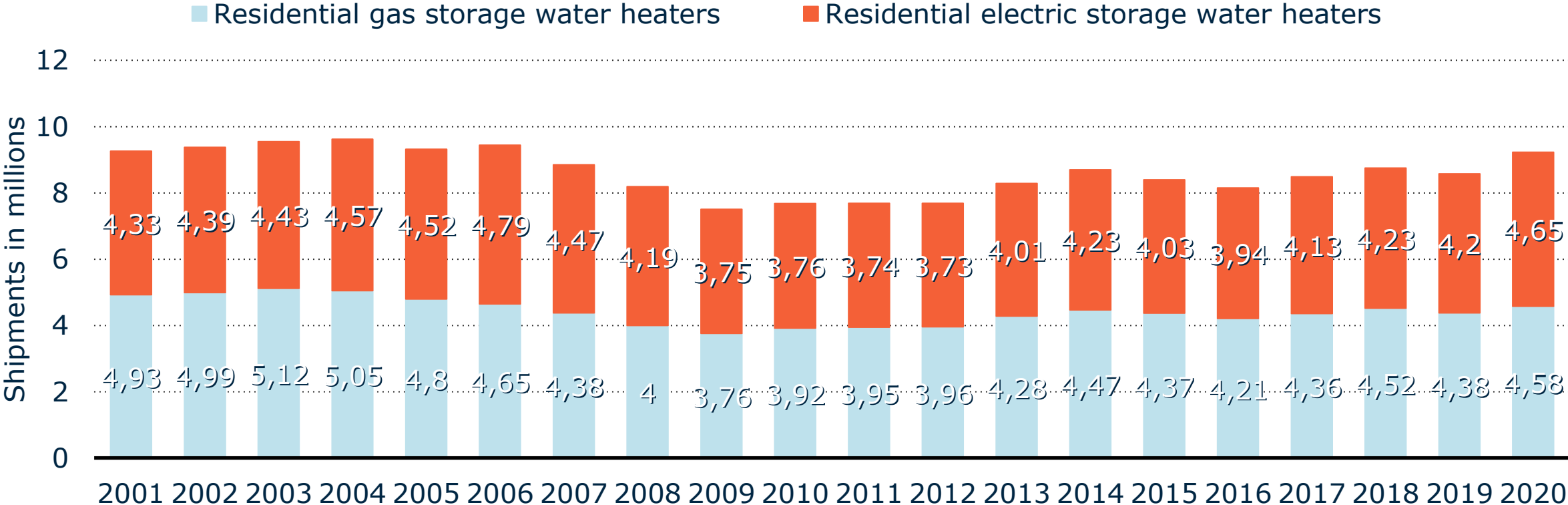
Further information regarding this statistic can be found on [page 42](#).

Source(s): EIA; [ID 245632](#)



RESIDENTIAL GAS AND ELECTRIC STORAGE WATER HEATER SHIPMENTS IN THE UNITED STATES FROM 2001 TO 2020 (IN MILLIONS)

U.S Shipments of residential storage water heaters 2001-2020, by type

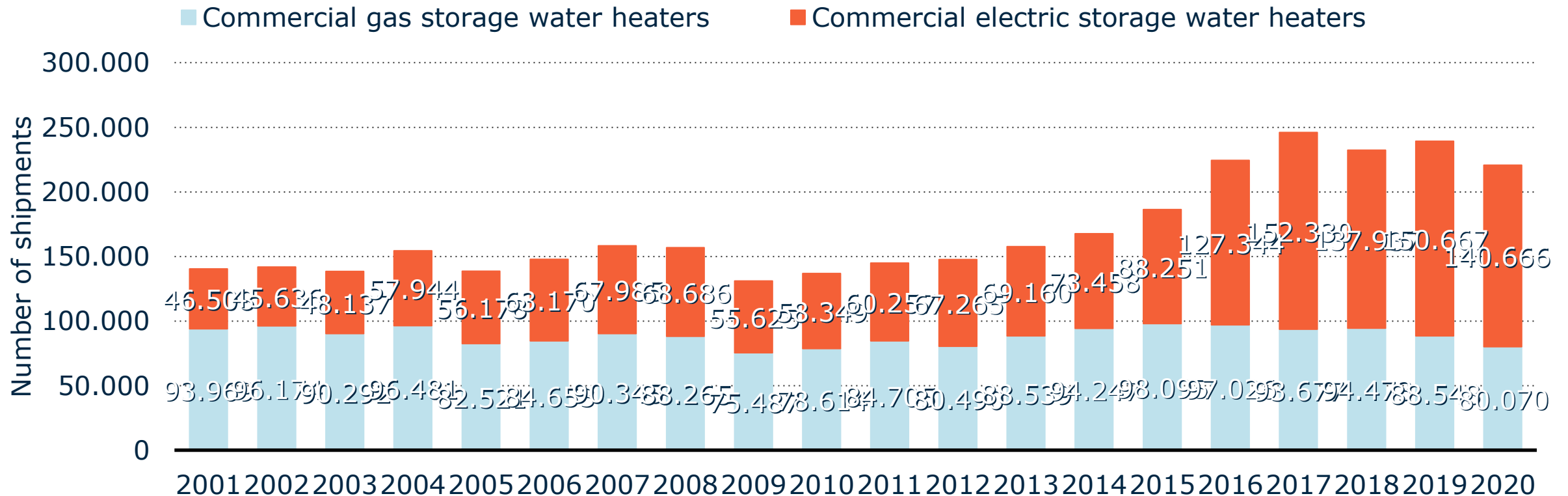


Note(s): United States; 2001 to 2020
 Further information regarding this statistic can be found on [page 43](#).
Source(s): AHRI; ID [220303](#)



COMMERCIAL GAS AND ELECTRIC STORAGE WATER HEATER SHIPMENTS IN THE U.S. FROM 2001 TO 2020

U.S. shipments of commercial storage water heaters, by type 2001-2020



Note(s): United States; 2001 to 2020

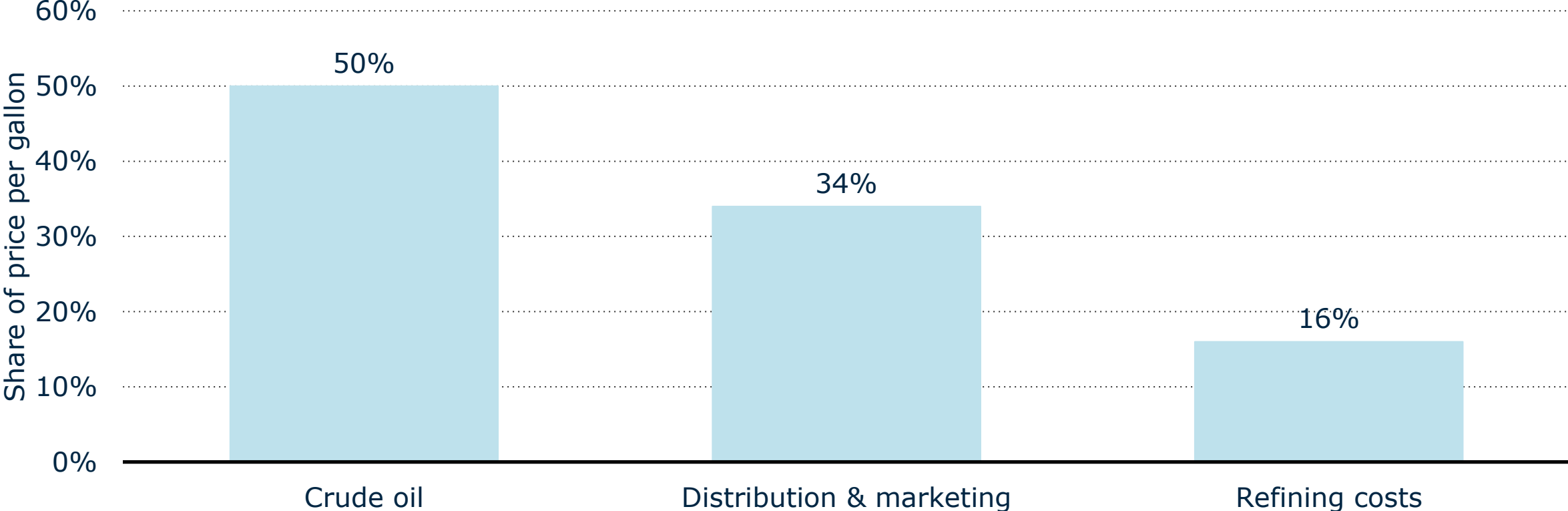
Further information regarding this statistic can be found on [page 44](#).

Source(s): AHRI; ID 220324



RESIDENTIAL HEATING OIL PRICE BREAKDOWN IN THE UNITED STATES AS OF 2020*

U.S. residential heating oil price breakdown 2020

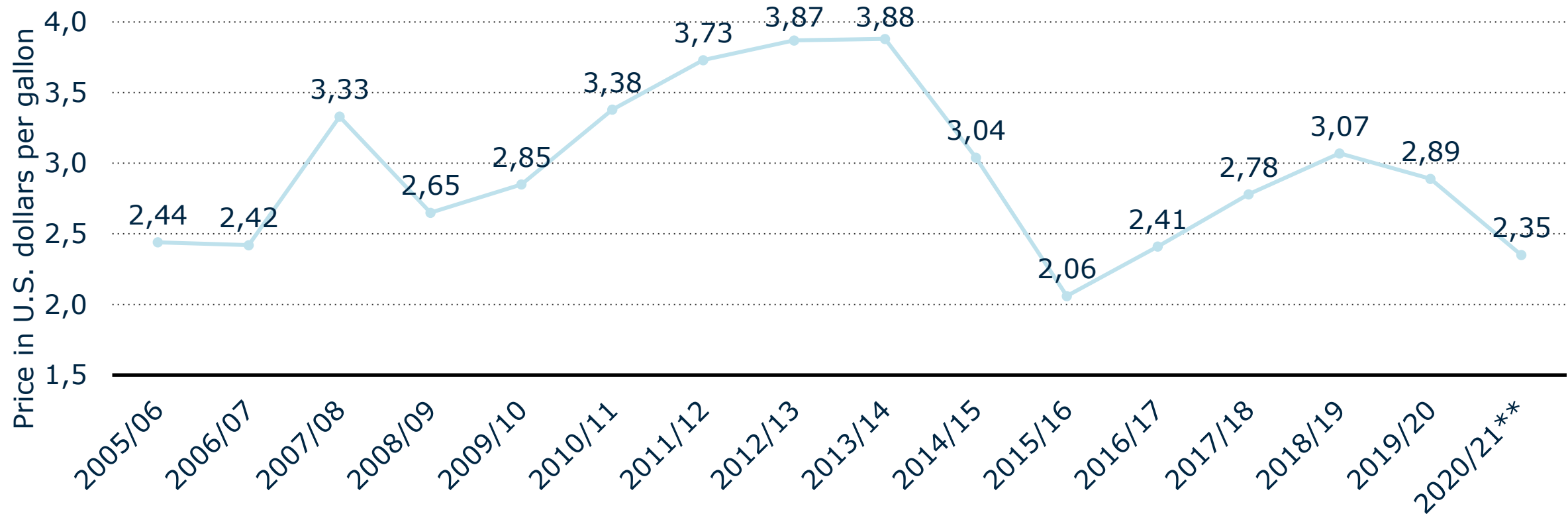


Note(s): United States; Winter 2010-2011 to 2019-2020
Further information regarding this statistic can be found on [page 45](#).
Source(s): EIA; [ID 733498](#)



AVERAGE CONSUMER PRICE FOR HEATING OIL IN THE UNITED STATES FROM WINTER OF 2005/06 TO WINTER OF 2020/21 (IN U.S. DOLLARS PER GALLON)*

Winter heating oil prices in the U.S. 2005/06-2020/21

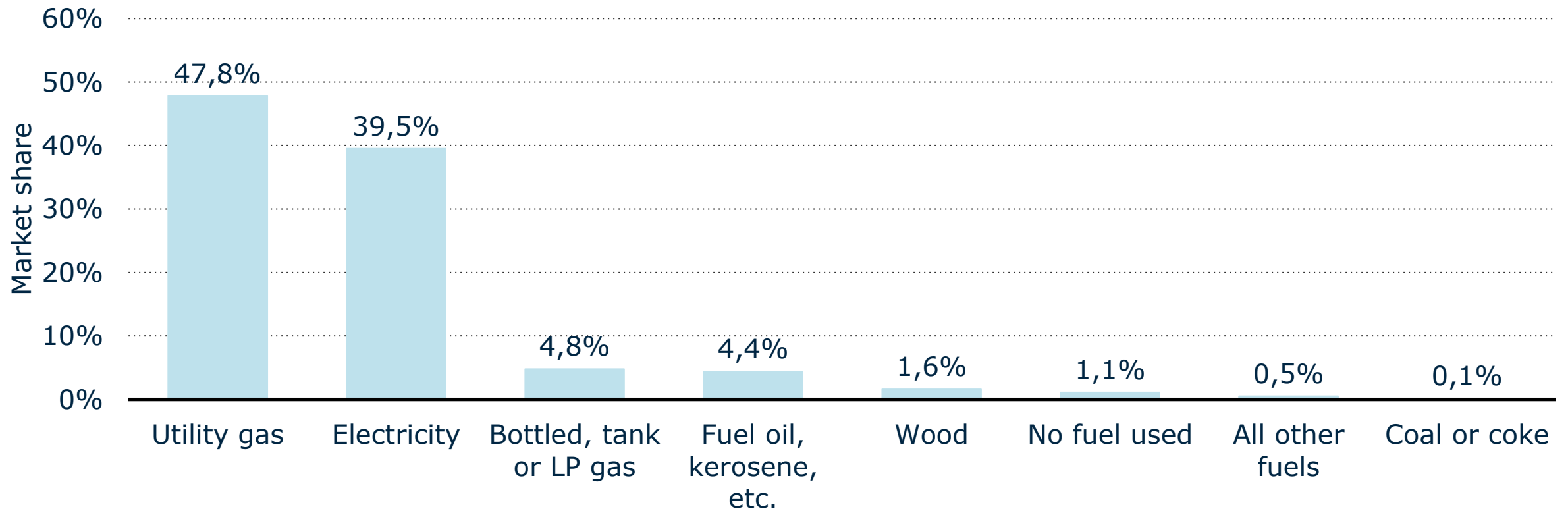


Note(s): United States; winter 2005/06 to 2019/20
 Further information regarding this statistic can be found on [page 46](#).
Source(s): EIA; [ID 202851](#)



DISTRIBUTION OF OCCUPIED HOUSING UNITS IN THE UNITED STATES IN 2019, BY HOUSE HEATING FUEL

Distribution of occupied housing units in the U.S. 2019, by house heating fuel



Note(s): United States; 2019

Further information regarding this statistic can be found on [page 47](#).

Source(s): US Census Bureau; [ID 206397](#)



COOLING

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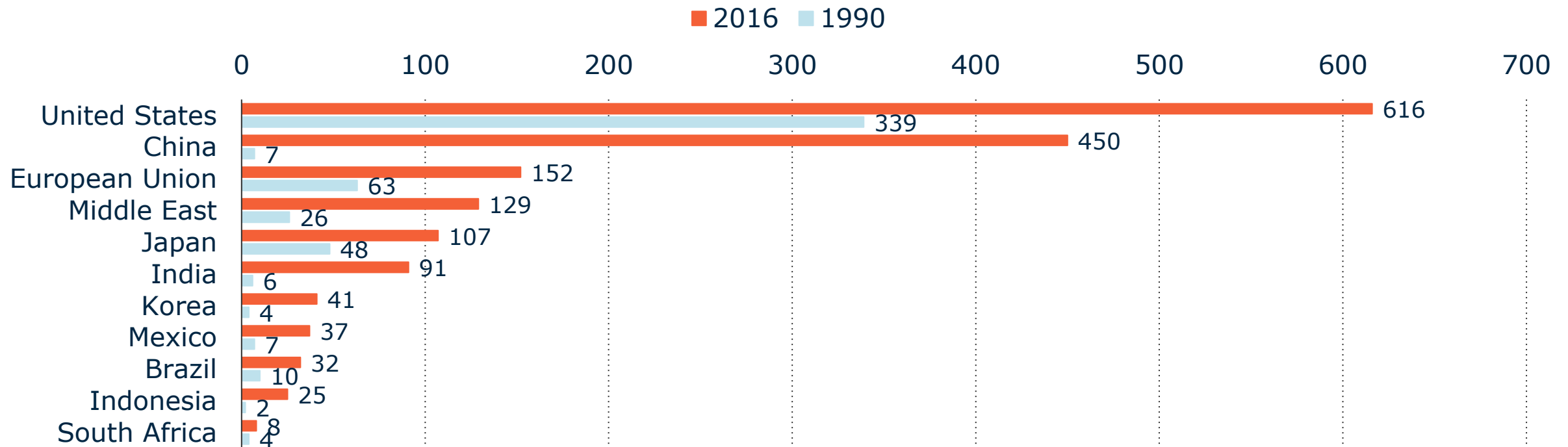
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FINAL ENERGY CONSUMPTION FOR SPACE COOLING IN BUILDINGS WORLDWIDE IN 1990 AND 2016, BY REGION (IN TERAWATT HOURS)

Global energy use for building space cooling 1990-2016, by region

Final energy consumption in terawatt hours



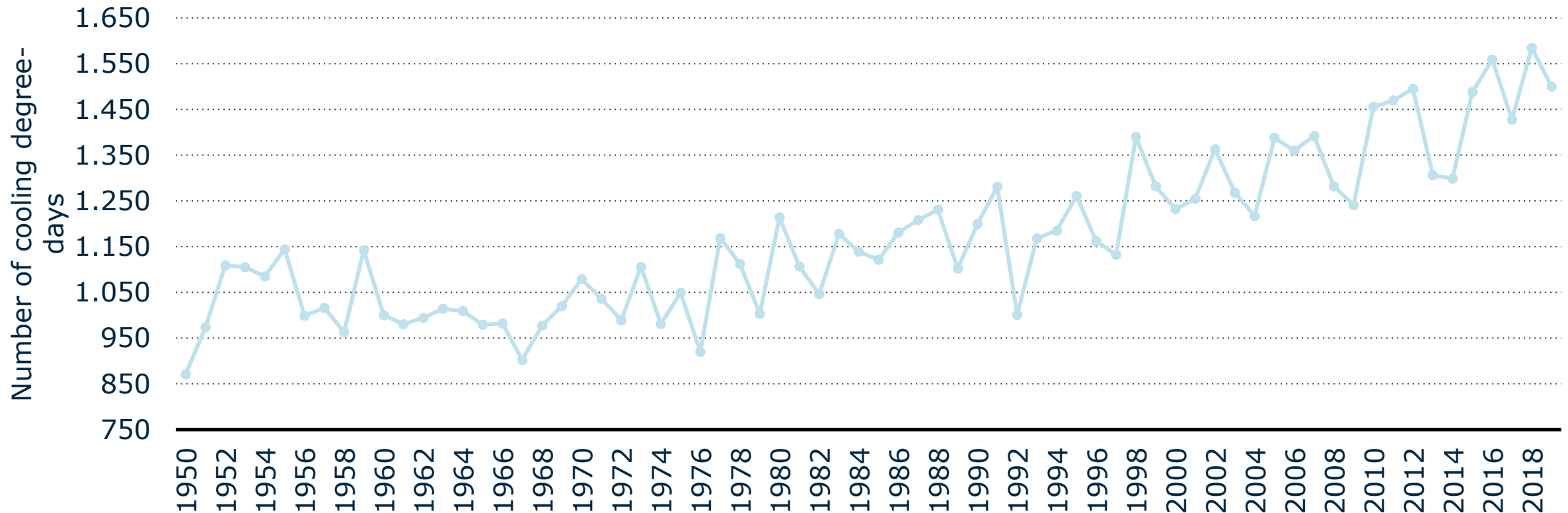
Note(s): Worldwide; 1990 and 2016

Further information regarding this statistic can be found on [page 48](#).

Source(s): IEA; [ID 913510](#)

NUMBER OF COOLING DEGREE-DAYS IN THE U.S. FROM 1950 TO 2019

Number of U.S. cooling degree-days 1950-2019



Note(s): United States; 1950 to 2019

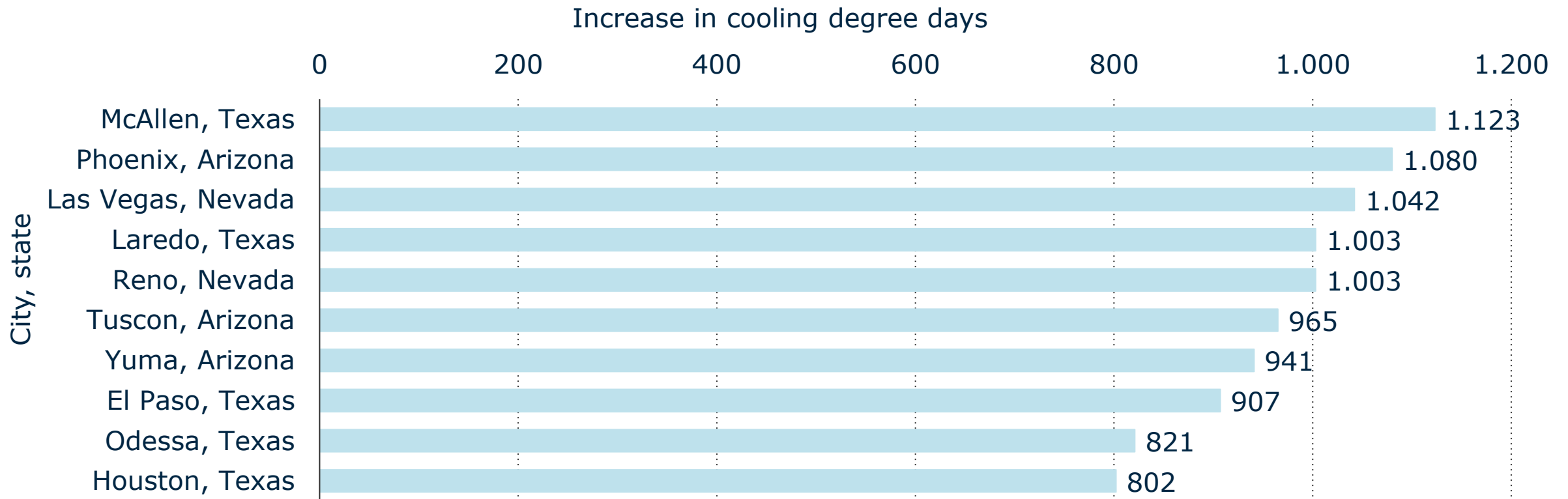
Further information regarding this statistic can be found on [page 49](#).

Source(s): EIA; [ID 245940](#)



NUMBER OF INCREASED COOLING DEGREE DAYS IN THE UNITED STATES BETWEEN 1970 AND 2017, BY SELECT CITY*

Number of increased cooling degree days in U.S. cities 1970-2017

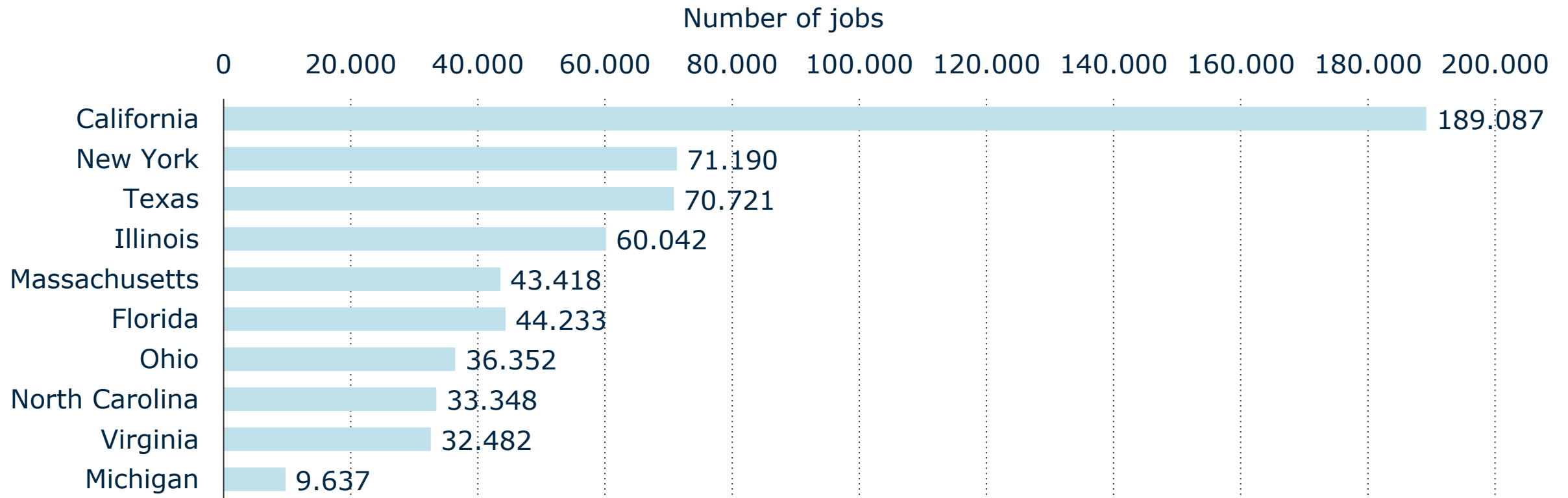


Note(s): United States; 1970 to 2017; 244 cities
 Further information regarding this statistic can be found on [page 50](#).
Source(s): Climate Central; [ID 892190](#)



NUMBER OF JOBS IN THE HVAC AND RENEWABLE HEATING AND COOLING INDUSTRY IN THE U.S. IN 2019, BY SELECT STATE

HVAC and renewable heating and cooling employment in the U.S. 2019, by select state



Note(s): United States; 2019

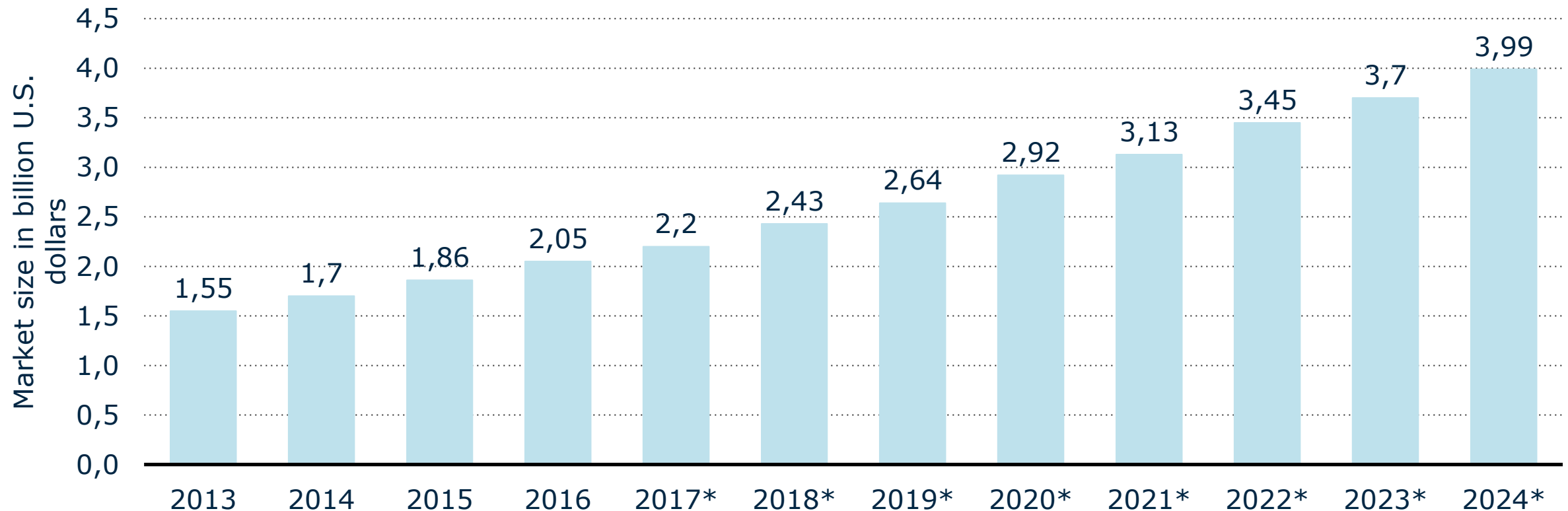
Further information regarding this statistic can be found on [page 51](#).

Source(s): NASEO; Energy Futures Initiative; [ID 1057068](#)



SIZE OF THE DATA CENTER COOLING MARKET IN THE UNITED STATES FROM 2013 TO 2024 (IN BILLION U.S. DOLLARS)

Data center cooling market size in the United States 2013-2024



Note(s): North America, United States; 2013 to 2017
Further information regarding this statistic can be found on [page 52](#).
Source(s): Statista estimates; Grand View Research; [ID 909301](#)



AIR CONDITIONING

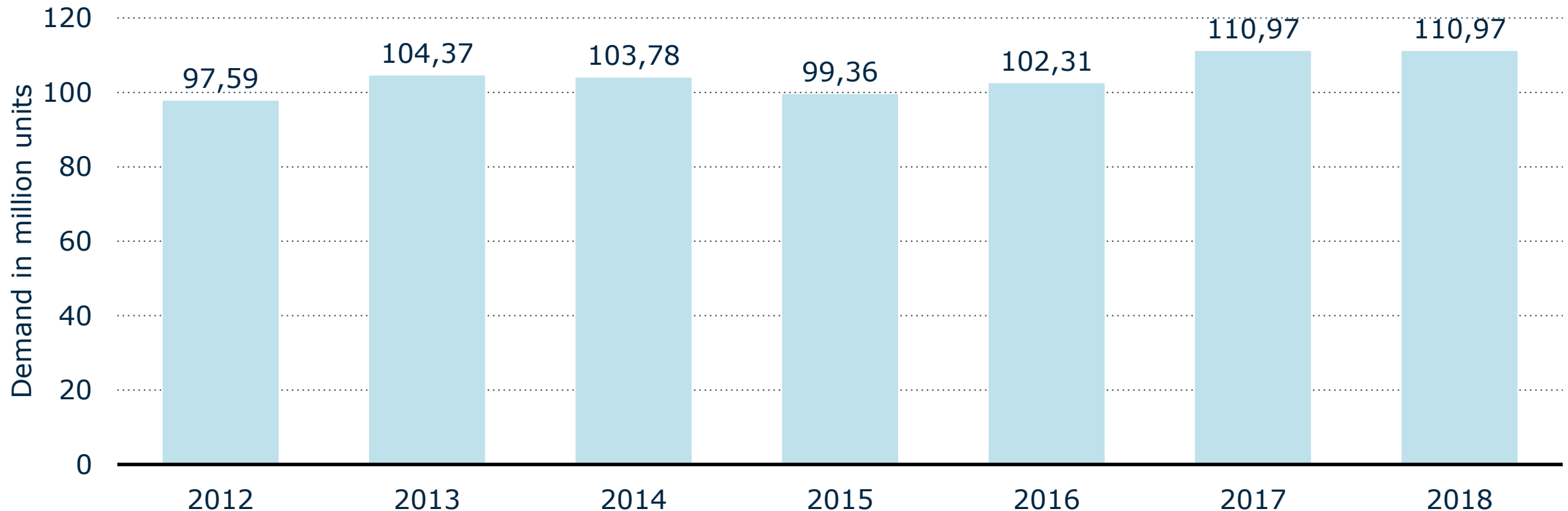
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AIR CONDITIONER DEMAND WORLDWIDE FROM 2012 TO 2018 (IN MILLIONS)

Air conditioners demand worldwide 2012-2018



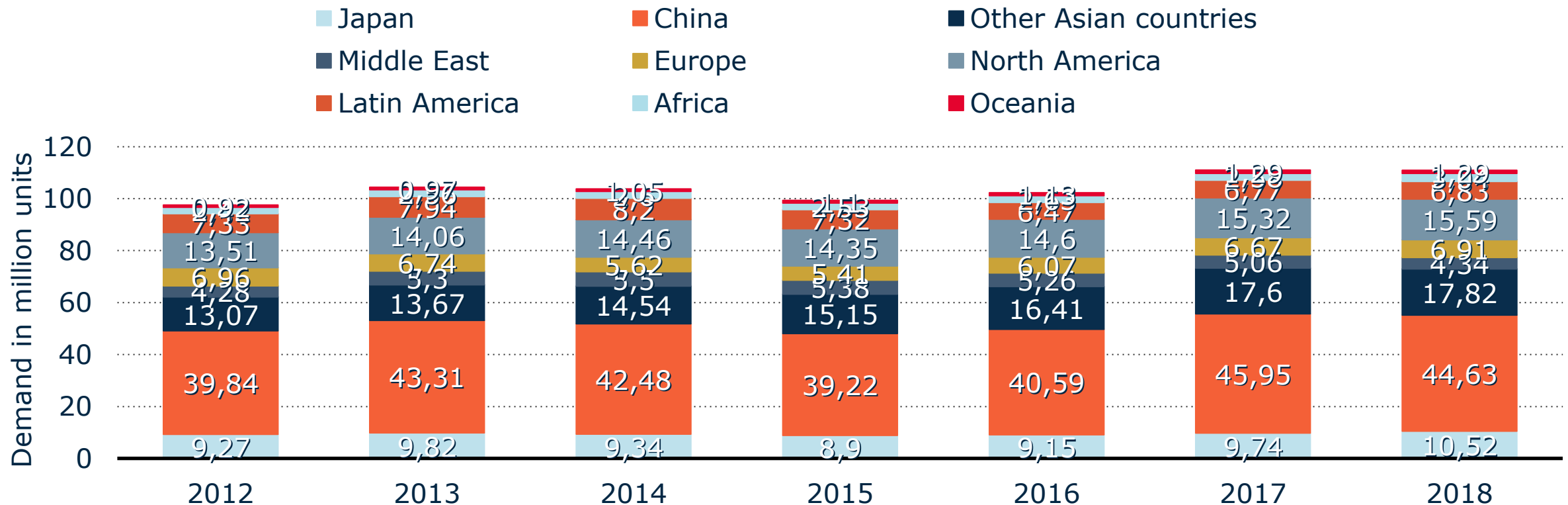
Note(s): Worldwide; 2012 to 2018

Further information regarding this statistic can be found on [page 53](#).

Source(s): JRAIA; [ID 871534](#)

AIR CONDITIONER DEMAND WORLDWIDE FROM 2012 TO 2018, BY REGION (IN MILLIONS)

Air conditioners demand worldwide by region 2012-2018



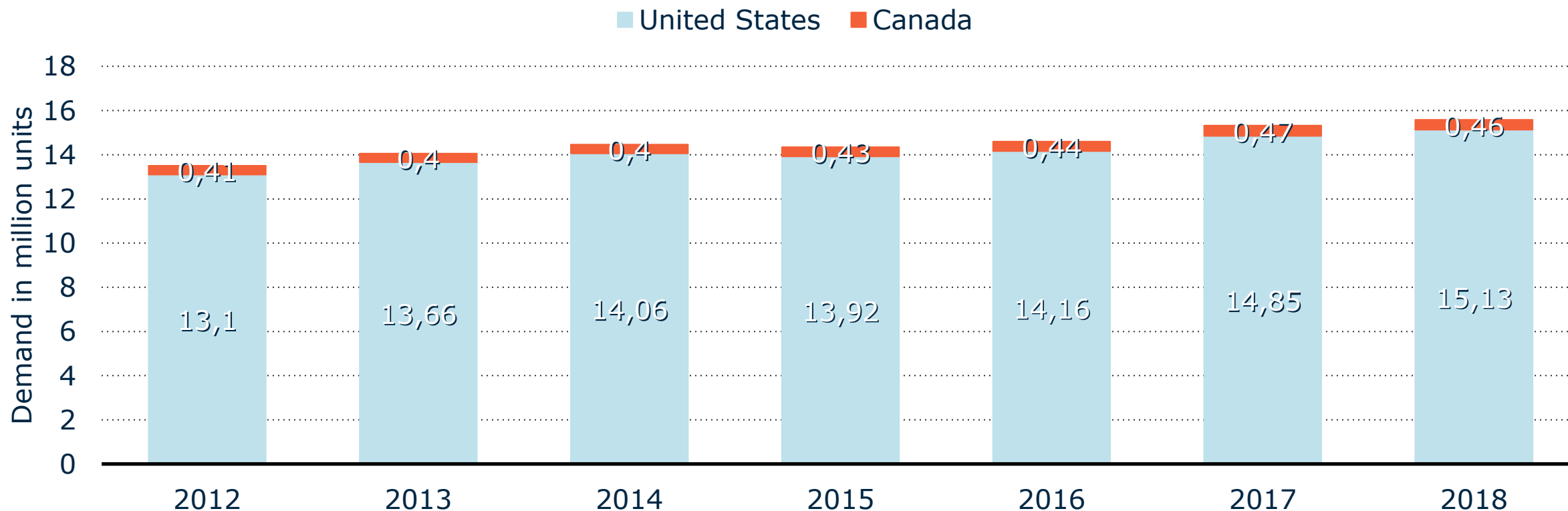
Note(s): Worldwide; 2012 to 2018

Further information regarding this statistic can be found on [page 54](#).

Source(s): JRAIA; [ID 871535](#)

AIR CONDITIONER DEMAND IN NORTH AMERICA FROM 2012 TO 2018 (IN MILLIONS)

North America air conditioners demand 2012-2018

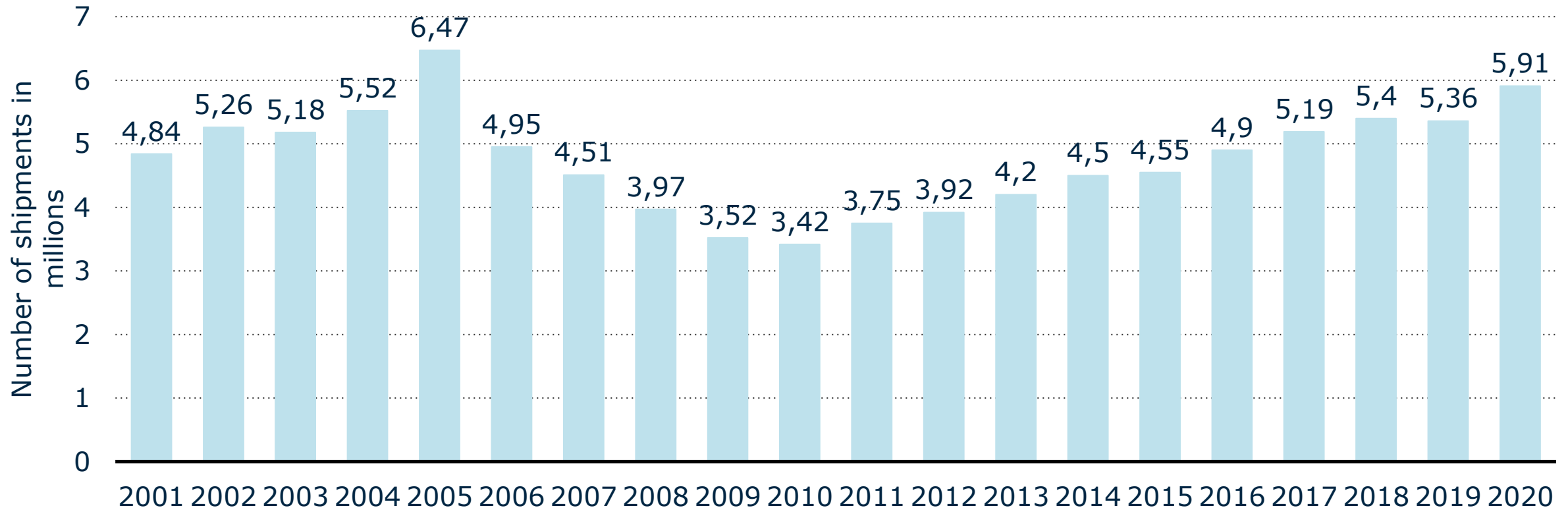


Note(s): Canada, United States; 2012 to 2018
Further information regarding this statistic can be found on [page 55](#).
Source(s): JRAIA; [ID 871527](#)



AIR CONDITIONERS SHIPMENTS IN THE U.S. FROM 2001 TO 2020 (IN MILLIONS)

U.S. air conditioners shipments 2001-2020



Note(s): United States; 2001 to 2020

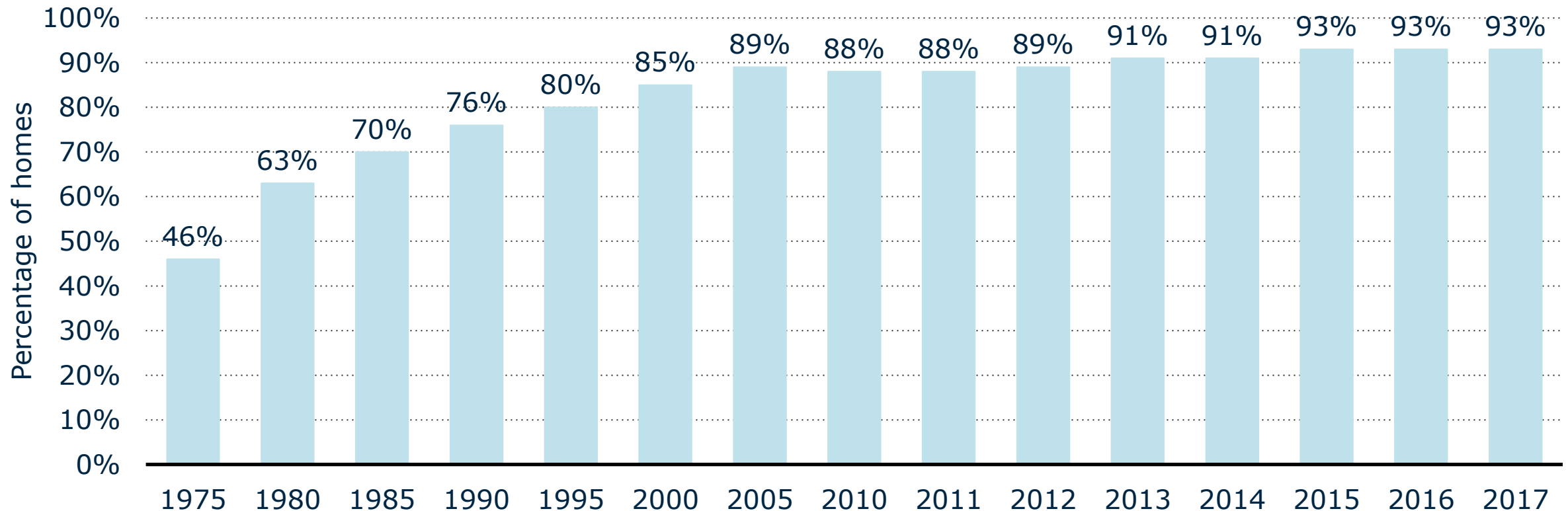
Further information regarding this statistic can be found on [page 56](#).

Source(s): AHRI; [ID 220357](#)



PERCENTAGE OF NEW U.S. SINGLE-FAMILY HOUSES COMPLETED WITH AIR CONDITIONING FROM 1975 TO 2017

U.S. new single-family home share with air conditioning 1975-2017



Note(s): United States; 1975 to 2017

Further information regarding this statistic can be found on [page 57](#).

Source(s): US Census Bureau; [ID 215032](#)



REFRIGERATION

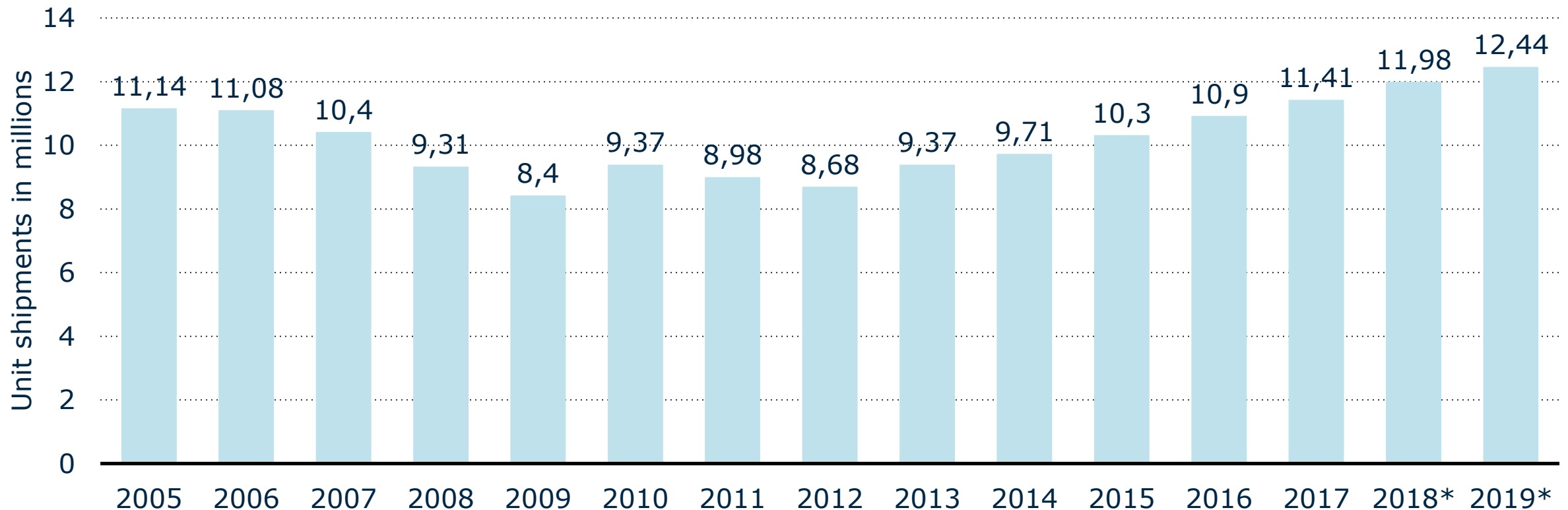
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TOTAL UNIT SHIPMENTS OF REFRIGERATORS IN THE U.S. FROM 2005 TO 2019 (IN MILLIONS)*

Unit shipments of refrigerators in the U.S. 2005-2019



Note(s): United States; 2005 to 2018

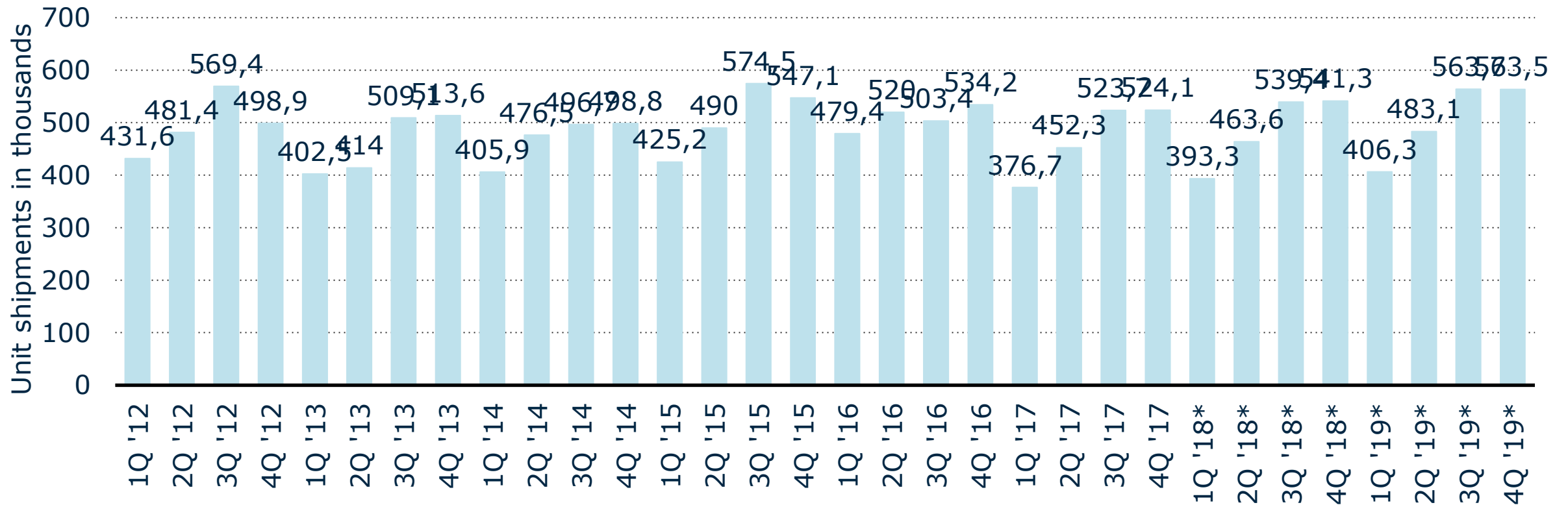
Further information regarding this statistic can be found on [page 58](#).

Source(s): AHAM; ApplianceMagazine.com; [ID 220111](#)



UNIT SHIPMENT OF FREEZERS IN THE U.S. FROM 1ST QUARTER 2012 TO 4TH QUARTER 2019 (IN 1,000S)

Unit shipments of freezers in the U.S. 2012-2019, by quarter



Note(s): United States; 2012 to 2018

Further information regarding this statistic can be found on [page 59](#).

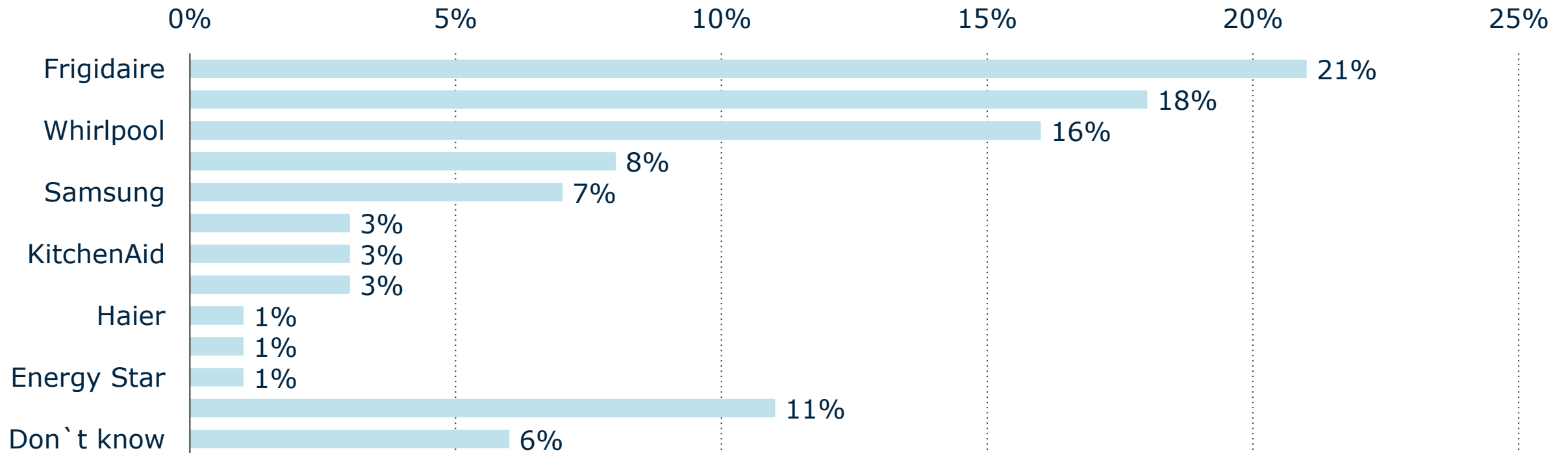
Source(s): Appliance Design; AHAM; [ID 221446](#)



MARKET SHARE OF REFRIGERATOR BRANDS AMONG CONSUMERS IN THE UNITED STATES, AS OF MAY 2017

Refrigerator brands U.S. consumers have at home 2017

Share of respondents



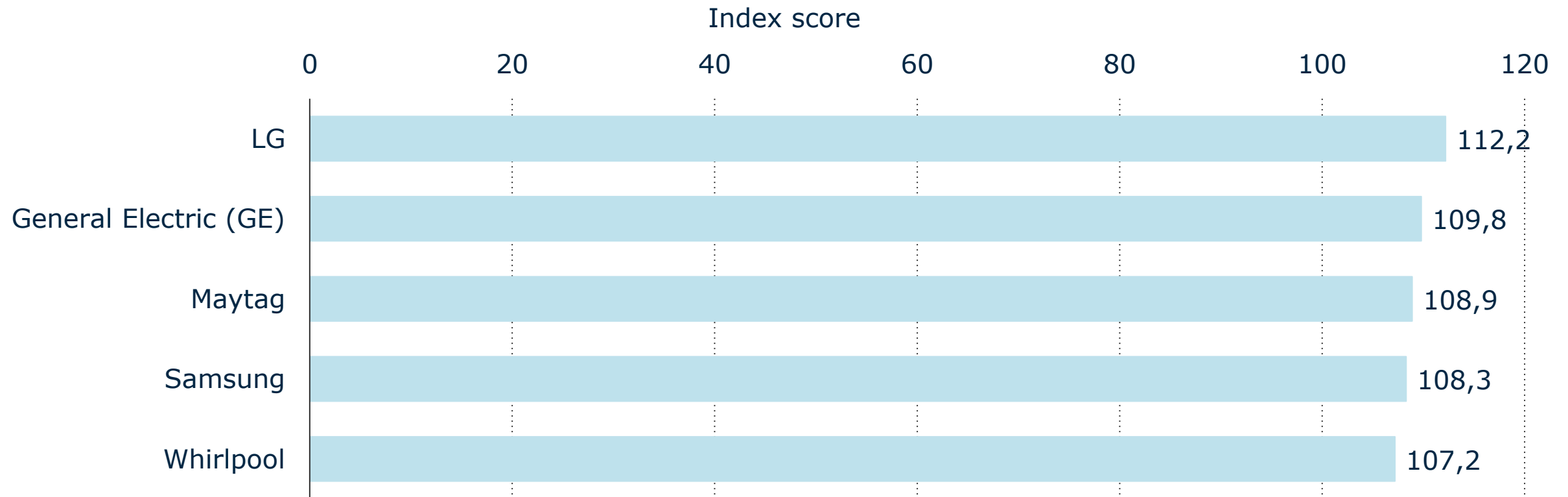
Note(s): United States; May 10 to 15, 2017; 18 years and older; 706 respondents; Residential population who are responsible for major decisions in household and own a refrigerator
Further information regarding this statistic can be found on [page 60](#).

Source(s): Statista Survey; [ID 711820](#)



CONSUMER TRUST INDEX OF REFRIGERATOR BRANDS IN THE UNITED STATES IN 2017*

Refrigerator brands ranked by consumer trust in the United States 2017



Note(s): United States; 2017

Further information regarding this statistic can be found on [page 61](#).

Source(s): Lifestory Research; [ID 699190](#)

U.S. HVAC MARKET

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KEY INFORMATION ON THE HEATING, VENTILATION AND AIR CONDITIONING (HVAC) INDUSTRY IN THE U.S. AS OF JANUARY 2019

Select data on the U.S. HVAC industry 2019

	data
Total revenue (in billion U.S. dollars)	96
Annual growth 2014-2019 (in percent)	2.9
Number of businesses	118,197
Industry employment	528,554

Note(s): United States; 2019

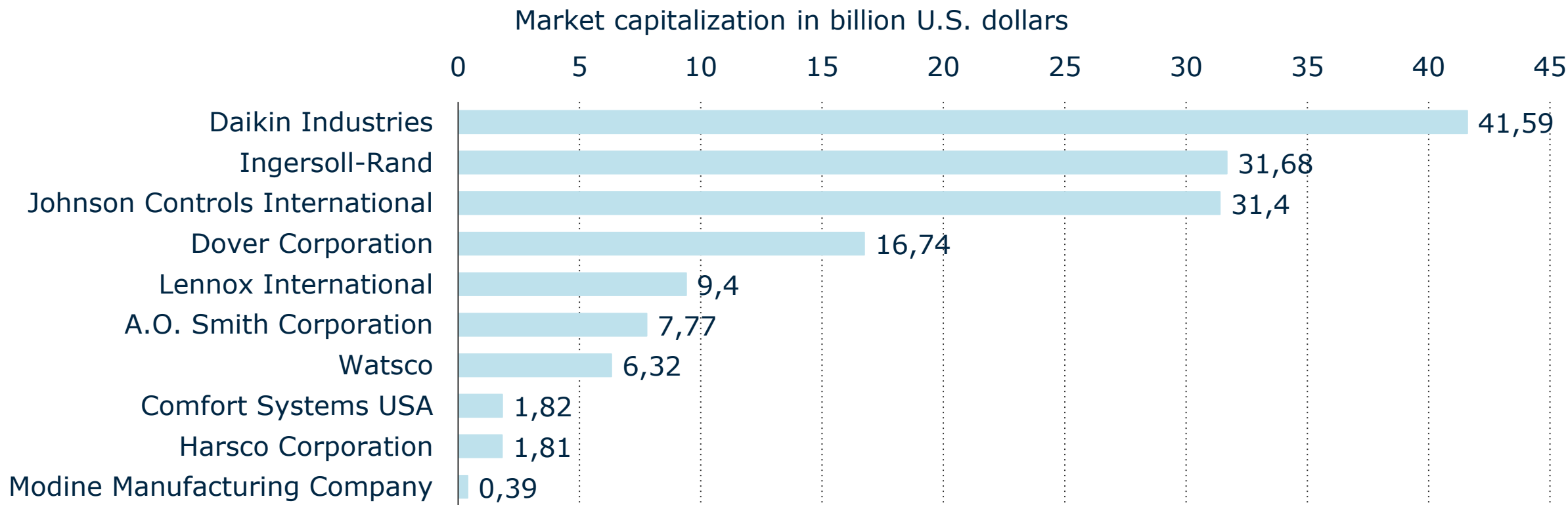
Further information regarding this statistic can be found on [page 62](#).

Source(s): IBISWorld; [ID 964299](#)



LEADING HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVACR) COMPANIES IN THE U.S. AS OF 2019, BY MARKET CAPITALIZATION (IN BILLION U.S. DOLLARS)

U.S. HVACR companies by market cap 2019



Note(s): United States; 2019

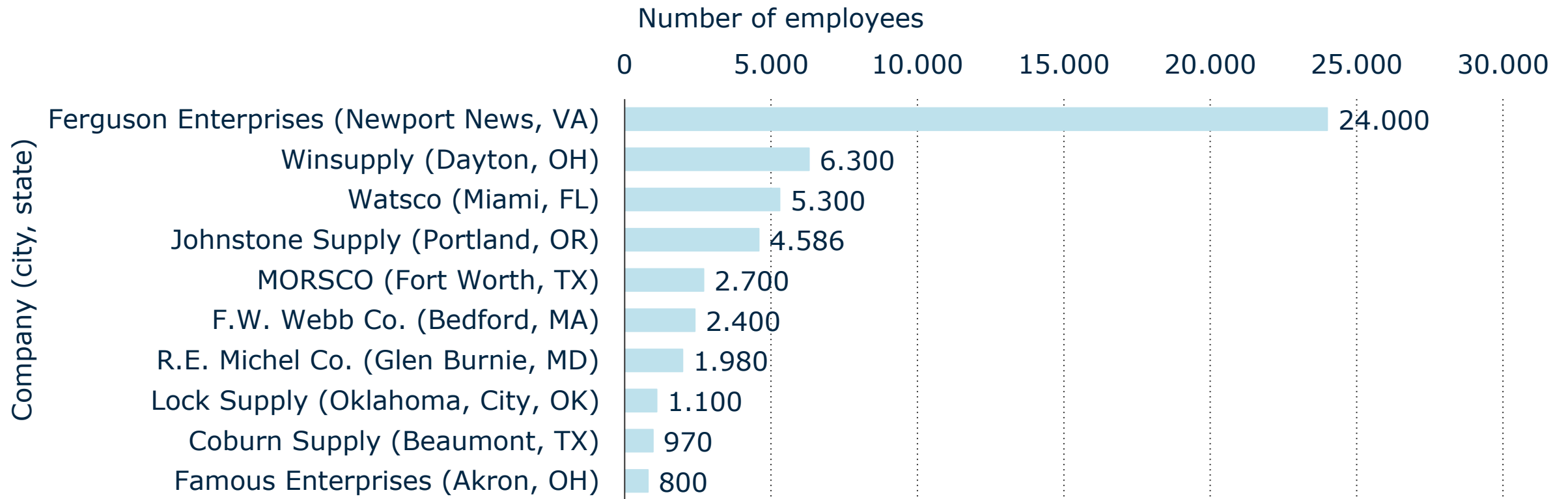
Further information regarding this statistic can be found on [page 63](#).

Source(s): Capstone Headwaters; [ID 657393](#)



LEADING HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION (HVACR) DISTRIBUTORS IN THE U.S. IN 2019, BY NUMBER OF EMPLOYEES

U.S. HVACR distributors by number of employees 2019



Note(s): United States; 2019

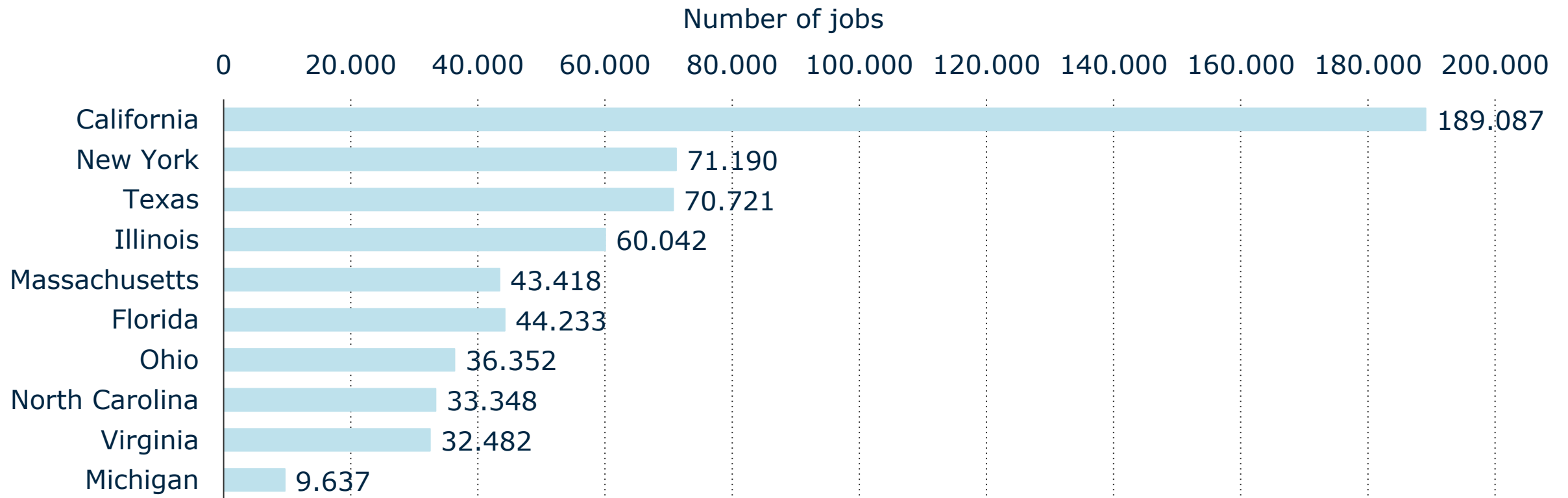
Further information regarding this statistic can be found on [page 64](#).

Source(s): Website (achrnews.com); [ID 655423](#)



NUMBER OF JOBS IN THE HVAC AND RENEWABLE HEATING AND COOLING INDUSTRY IN THE U.S. IN 2019, BY SELECT STATE

HVAC and renewable heating and cooling employment in the U.S. 2019, by select state



Note(s): United States; 2019

Further information regarding this statistic can be found on [page 65](#).

Source(s): NASEO; Energy Futures Initiative; [ID 1057068](#)



REFERENCES

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PROJECTED MARKET SIZE FOR HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) WORLDWIDE FROM 2019 TO 2030 (IN BILLION U.S. DOLLARS)

Global market for HVAC systems in 2019, with a forecast for 2030

Source and methodology information

Source(s)	P&S Market Research
Conducted by	P&S Market Research
Survey period	2019
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	P&S Market Research
Publication date	March 2020
Original source	psmarketresearch.com
Website URL	visit the website
Notes:	<i>* Figures are forecasted based on a market growth rate of 3.9 percent between 2020 and 2030.</i>

Description

The global heating, ventilation, and air conditioning (HVAC) market is projected to reach about 367.5 billion U.S. dollars by 2030, based on a compound annual growth rate (CAGR) of 3.9 percent between 2020 and 2030. A more recent projection estimates that the market volume of the HVAC market will reach 151.1 million units by 2024 . Growth in the HVAC market is likely due to continued growth in construction sector revenues, from both publicly and privately funded projects. Air conditioning Mini split air conditioners generate over half of the HVAC market sales revenue , likely due to its early and widespread adoption within the residential sector. Split air conditioner systems have an outdoor and indoor unit. Installation for split air conditioners tend to be much easier as it does not require ductwork and instead, just uses electric wires and tubing to connect the indoor and outdoor units. The demand for air conditioning is increasing worldwide as global temperatures increase . HVAC systems promote improved quality within indoor environments through thermal comfort and acceptable air quality.

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PROJECTED MARKET VOLUME OF THE HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) INDUSTRY WORLDWIDE IN 2017 TO 2018, WITH A FORECAST FOR 2024 (IN MILLION UNITS)

Global market volume HVAC systems 2017-2018, with a forecast for 2024

Source and methodology information

Source(s)	BIS Research
Conducted by	BIS Research
Survey period	2017
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	BIS Research
Publication date	November 2018
Original source	Global Heating Ventilation and Air Conditioning Market
Website URL	visit the website
Notes:	<i>* Figures are forecasted based on a CAGR of 4.5 percent between 2018 and 2024.</i>

Description

This statistic represents the projected global market volume for the heating, ventilation, and air conditioning (HVAC) industry in 2017 and with forecasted figures until 2024. This market is expected reach a volume of around 151 million units by 2024.

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HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) MARKET SIZE WORLDWIDE IN 2017, BY PRODUCT TYPE (IN BILLION U.S. DOLLARS)

Global market size HVAC systems by product type 2017

Source and methodology information

Source(s)	BIS Research
Conducted by	BIS Research
Survey period	2017
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	BIS Research
Publication date	November 2018
Original source	Global Heating Ventilation and Air Conditioning Market
Website URL	visit the website
Notes:	<i>* VRF: variable refrigerant flow ** AHU & FCU: air handling units and fan coil units. The total HVAC market size reached 172.37 U.S. billion dollars.</i>

Description

This statistic represents the global market size for the heating, ventilation, and air conditioning (HVAC) industry in 2017. In that year, split systems accounted for approximately 97.8 billion U.S. dollars in the HVAC industry.

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MARKET VALUE OF HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) GLOBALLY IN 2017, BY REGION (IN BILLION U.S. DOLLARS)

Global HVAC market breakdown by region 2017

Source and methodology information

Source(s)	BIS Research
Conducted by	BIS Research
Survey period	2017
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	BIS Research
Publication date	October 2018
Original source	Global Heating Ventilation and Air Conditioning Market 2018 - 2024
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic displays the market value of the heating, ventilation, and air conditioning (HVAC) industry worldwide as of 2017, broken down by region. At this time, the HVAC industry in Asia was valued at 114.36 billion U.S. dollars.

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HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION MARKET SHARE WORLDWIDE IN 2019, BY BUYER

Global HVACR market share by buyer 2019

Source and methodology information

Source(s)	Capstone Headwaters; PitchBook; FactSet; S&P Capital IQ
Conducted by	PitchBook; FactSet; S&P Capital IQ; Capstone Headwaters
Survey period	2019
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Capstone Headwaters
Publication date	January 2020
Original source	HVACR 2019 Year in Review, pdf page 1
Website URL	visit the website
Notes:	* <i>Strategic buyers.</i> ** <i>Financial buyers.</i>

Description

This statistic depicts the market share of the heating, ventilation, air conditioning and refrigeration (HVACR) industry worldwide in 2019, by buyer. In that year, the public sector accounted for around 33 percent of the global HVACR market share.

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NUMBER OF HEATING DEGREE-DAYS IN THE UNITED STATES FROM 1950 TO 2019

Number of heating degree-days in the U.S. 1950-2019

Source and methodology information

Source(s)	EIA
Conducted by	EIA
Survey period	1950 to 2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	EIA
Publication date	November 2020
Original source	Monthly Energy Review - Table 1.9
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

There were around 4,303 heating degree-days in the United States in 2019. Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations below the mean daily temperature of 65 degrees Fahrenheit. Heating degree-days were more numerous in the mid 20th century.

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RESIDENTIAL GAS AND ELECTRIC STORAGE WATER HEATER SHIPMENTS IN THE UNITED STATES FROM 2001 TO 2020 (IN MILLIONS)

U.S Shipments of residential storage water heaters 2001-2020, by type

Source and methodology information

Source(s)	AHRI
Conducted by	AHRI
Survey period	2001 to 2020
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	AHRI
Publication date	February 2021
Original source	ahrinet.org
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows shipment figures for residential gas and electric storage water heaters in the United States from 2001 to 2020. According to the source, 4.58 million residential gas storage water heaters were shipped in the United States in 2020.

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COMMERCIAL GAS AND ELECTRIC STORAGE WATER HEATER SHIPMENTS IN THE U.S. FROM 2001 TO 2020

U.S. shipments of commercial storage water heaters, by type 2001-2020

Source and methodology information

Source(s)	AHRI
Conducted by	AHRI
Survey period	2001 to 2020
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	AHRI
Publication date	February 2021
Original source	ahrinet.org
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows shipment figures for commercial gas and electric storage water heaters in the United States from 2001 to 2020. According to the statistic, 80,070 commercial gas storage water heaters were shipped in the U.S. in 2020, a decrease from the previous year.

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RESIDENTIAL HEATING OIL PRICE BREAKDOWN IN THE UNITED STATES AS OF 2020*

U.S. residential heating oil price breakdown 2020

Source and methodology information

Source(s)	EIA
Conducted by	EIA
Survey period	Winter 2010-2011 to 2019-2020
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	EIA
Publication date	October 2020
Original source	eia.gov
Website URL	visit the website
Notes:	<i>* Based on the national average of refiner acquisition cost of crude oil, refiner wholesale heating oil prices, and residential heating oil prices from the winters of (October to March) 2010-2011 to 2019-2020.</i>

Description

This statistic shows the breakdown of the average residential heating oil price (per gallon) in the United States as of 2020. At that time, crude oil accounted for a 50 percent share of the price of one gallon of residential heating oil in the United States.

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AVERAGE CONSUMER PRICE FOR HEATING OIL IN THE UNITED STATES FROM WINTER OF 2005/06 TO WINTER OF 2020/21 (IN U.S. DOLLARS PER GALLON)*

Winter heating oil prices in the U.S. 2005/06-2020/21

Source and methodology information

Source(s)	EIA
Conducted by	EIA
Survey period	winter 2005/06 to 2019/20
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	EIA
Publication date	October 2020
Original source	Winter Fuels Outlook 2020, page 10
Website URL	visit the website
Notes:	<i>* Prices include taxes. ** Forecast. Winter: October 1 through March 31. The figures are compiled from several editions of the report.</i>

Description

The average price of heating oil in the United States in the winter of 2020/21 is expected to reach 2.35 U.S. dollars per gallon. The number of heating degree days, days the average temperature is below 18° Celsius (65° Fahrenheit), helps quantify the energy demand required to heat a building. How is heating oil priced? Heating oil is a liquid petroleum product that is, among other things, used in residential buildings as a fuel oil in furnaces or boilers. Chemically, most heating oils are similar to motor diesel fuels and are often sold interchangeably. Generally, heating oil prices are collected during the heating season between October and March. In the U.S., the breakdown of residential heating oil prices shows that the greatest determining factor is the WTI crude oil spot price. This is followed by the costs associated with marketing, distributing, and delivering, as well as refining costs. Consumers can lower heating oil bills by considering when they purchase, reducing consumption, and through government assistance programs.

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DISTRIBUTION OF OCCUPIED HOUSING UNITS IN THE UNITED STATES IN 2019, BY HOUSE HEATING FUEL

Distribution of occupied housing units in the U.S. 2019, by house heating fuel

Source and methodology information

Source(s)	US Census Bureau
Conducted by	US Census Bureau
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	US Census Bureau
Publication date	September 2020
Original source	census.gov
Website URL	visit the website
Notes:	<i>Figures are estimates.</i>

Description

This statistic shows the distribution of occupied housing units in the United States in 2019, by house heating fuel. According to the U.S. Census Bureau estimates, 48 percent of all occupied housing units used utility gas as main house heating fuel in 2019.

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FINAL ENERGY CONSUMPTION FOR SPACE COOLING IN BUILDINGS WORLDWIDE IN 1990 AND 2016, BY REGION (IN TERAWATT HOURS)

Global energy use for building space cooling 1990-2016, by region

Source and methodology information

Source(s)	IEA
Conducted by	IEA
Survey period	1990 and 2016
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	IEA
Publication date	May 2018
Original source	The Future of Cooling: Opportunities for Energy-Efficient Air Conditioning, page 24
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

The statistic shows the final energy consumption used in various regions and countries for space cooling in buildings worldwide in 1990 and 2016. In 2016, China's final energy consumption from space cooling reached 450 terawatt hours.

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NUMBER OF COOLING DEGREE-DAYS IN THE U.S. FROM 1950 TO 2019

Number of U.S. cooling degree-days 1950-2019

Source and methodology information

Source(s)	EIA
Conducted by	EIA
Survey period	1950 to 2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	EIA
Publication date	April 2020
Original source	Monthly Energy Review, table 1.10
Website URL	visit the website
Notes:	<i>Figures were compiled from several editions of the report.</i>

Description

This statistic represents the number of cooling degree days in the United States between 1950 and 2019. In 2019, there were around 1,500 cooling degree-days in the United States. According to the source, degree-days are relative measurements of outdoor air temperature. Cooling degree-days are deviations above the mean daily temperature of 65° Fahrenheit.

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NUMBER OF INCREASED COOLING DEGREE DAYS IN THE UNITED STATES BETWEEN 1970 AND 2017, BY SELECT CITY*

Number of increased cooling degree days in U.S. cities 1970-2017

Source and methodology information

Source(s)	Climate Central
Conducted by	Climate Central
Survey period	1970 to 2017
Region(s)	United States
Number of respondents	244 cities
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Climate Central
Publication date	July 2018
Original source	The High Cost of Hot, page 4
Website URL	visit the website

Notes: * *Cooling degree days estimate the amount of artificial cooling needed to maintain a comfortable indoor temperature. They represent the number of degrees the daily average temperature is above or below 65 degrees Fahrenheit.*

Description

This statistic displays the cities with the largest increase in cooling degree days in the United States since 1970. During this period, Reno, Nevada had an increase of 1,003. This indicates an increase in number of days above 65 degrees Fahrenheit (18.3 degrees Celsius) and/or an increase in the number of degrees above 65 degrees Fahrenheit.

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NUMBER OF JOBS IN THE HVAC AND RENEWABLE HEATING AND COOLING INDUSTRY IN THE U.S. IN 2019, BY SELECT STATE

HVAC and renewable heating and cooling employment in the U.S. 2019, by select state

Source and methodology information

Source(s)	NASEO; Energy Futures Initiative
Conducted by	Energy Futures Initiative; NASEO
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Energy Futures Initiative; NASEO
Publication date	March 2020
Original source	Energy employment by state 2020
Website URL	visit the website
Notes:	<i>HVAC: heating, ventilation, and air conditioning</i>

Description

The HVAC (heating, ventilation, and air conditioning) and renewable heating and cooling industries employed 189,087 people in California. It was the state with the highest number of employees in these sectors, more than twice that of the second-ranked New York.

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SIZE OF THE DATA CENTER COOLING MARKET IN THE UNITED STATES FROM 2013 TO 2024 (IN BILLION U.S. DOLLARS)

Data center cooling market size in the United States 2013-2024

Source and methodology information

Source(s)	Statista estimates; Grand View Research
Conducted by	Statista estimates; Grand View Research
Survey period	2013 to 2017
Region(s)	North America, United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Statista
Publication date	October 2018
Original source	<i>n.a.</i>
Website URL	visit the website
Notes:	* <i>Forecast</i>

Description

The statistic shows the size of the data center cooling market in the United States from 2013 to 2024. In 2018, the U.S. data center cooling market is forecast to reach 2.05 billion U.S. dollars.

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AIR CONDITIONER DEMAND WORLDWIDE FROM 2012 TO 2018 (IN MILLIONS)

Air conditioners demand worldwide 2012-2018

Source and methodology information

Source(s)	JRAIA
Conducted by	JRAIA
Survey period	2012 to 2018
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	JRAIA
Publication date	August 2019
Original source	World Air Conditioner Demand by Region, page 4
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows annual demand for air conditioners worldwide from 2012 to 2018. In 2018, the global demand for air conditioners stood at 110.97 million units.

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AIR CONDITIONER DEMAND WORLDWIDE FROM 2012 TO 2018, BY REGION (IN MILLIONS)

Air conditioners demand worldwide by region 2012-2018

Source and methodology information

Source(s)	JRAIA
Conducted by	JRAIA
Survey period	2012 to 2018
Region(s)	Worldwide
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	JRAIA
Publication date	August 2019
Original source	World Air Conditioner Demand by Region, page 4
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows annual demand for air conditioners worldwide from 2012 to 2018, by region. In 2018, the demand for air conditioners in the Chinese market stood at 44.63 million units.

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AIR CONDITIONER DEMAND IN NORTH AMERICA FROM 2012 TO 2018 (IN MILLIONS)

North America air conditioners demand 2012-2018

Source and methodology information

Source(s)	JRAIA
Conducted by	JRAIA
Survey period	2012 to 2018
Region(s)	Canada, United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	JRAIA
Publication date	August 2019
Original source	World Air Conditioner Demand by Region, page 4
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows annual demand for air conditioners in North America from 2012 to 2018. In 2018, the demand for air conditioners in the United States stood at 15.13 million units.

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AIR CONDITIONERS SHIPMENTS IN THE U.S. FROM 2001 TO 2020 (IN MILLIONS)

U.S. air conditioners shipments 2001-2020

Source and methodology information

Source(s)	AHRI
Conducted by	AHRI
Survey period	2001 to 2020
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	AHRI
Publication date	February 2021
Original source	ahrinet.org
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

Around 5.9 million air conditioners (A/Cs) were shipped in the United States during 2020. Total shipment figures fluctuate year to year, but generally fall between 3.5 and 6 million, with a few notable exceptions such as the 6.47 million sold in 2005. Air conditioner market Having been invented over a century ago, air conditioner products comprise a mature and relatively stable market of the overall household appliance industry. In the United States, the total number of air conditioners exceeds the country`s population, and by 2030, forecasts suggest that China will play host to over a billion A/C appliances . Room air conditioners are by far the most popular type, while all-in-one packaged A/Cs account for a much smaller portion of overall demand . The top brands differ by country. The U.S. heating, ventilation, and air conditioning (HVAC) market is dominated by American and Irish brands like Carrier, Trane, and York, while the South Korean air conditioner market is dominated by its own domestic giants in LG and Samsung. Overall, global demand for air conditioners is on the rise, and as the world becomes increasingly developed, this technology that was once seen as a luxury is now becoming more and more commonplace.

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PERCENTAGE OF NEW U.S. SINGLE-FAMILY HOUSES COMPLETED WITH AIR CONDITIONING FROM 1975 TO 2017

U.S. new single-family home share with air conditioning 1975-2017

Source and methodology information

Source(s)	US Census Bureau
Conducted by	US Census Bureau
Survey period	1975 to 2017
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	US Census Bureau
Publication date	May 2018
Original source	2017 Characteristics of New Housing
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic shows the percentage of new single-family houses, equipped with air conditioning, that were completed in the United States between 1975 and 2017. In 2017, 93 percent of all such housing units were fitted with air conditioning.

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TOTAL UNIT SHIPMENTS OF REFRIGERATORS IN THE U.S. FROM 2005 TO 2019 (IN MILLIONS)*

Unit shipments of refrigerators in the U.S. 2005-2019

Source and methodology information

Source(s)	AHAM; ApplianceMagazine.com
Conducted by	AHAM; ApplianceMagazine.com
Survey period	2005 to 2018
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	ApplianceMagazine.com
Publication date	May 2018
Original source	appliancedesign.com
Website URL	visit the website
Notes:	* <i>Forecasts</i>

Description

The statistic shows refrigerator unit shipments in the United States from 2005 to 2017 and forecasts up to and including 2019. In 2018, unit shipments of refrigerators in the United States are forecast to reach 11.98 million units.

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UNIT SHIPMENT OF FREEZERS IN THE U.S. FROM 1ST QUARTER 2012 TO 4TH QUARTER 2019 (IN 1,000S)

Unit shipments of freezers in the U.S. 2012-2019, by quarter

Source and methodology information

Source(s)	Appliance Design; AHAM
Conducted by	AHAM
Survey period	2012 to 2018
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Appliance Design
Publication date	January 2018
Original source	appliancedesign.com
Website URL	visit the website
Notes:	* <i>Forecast</i>

Description

The statistic shows freezer unit shipments in the United States from the first quarter of 2012 to the fourth quarter of 2017 and forecasts up to and including the fourth quarter of 2019. In the fourth quarter of 2018, unit shipments of freezers in the United States are forecast to reach 541.3 thousand units.

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MARKET SHARE OF REFRIGERATOR BRANDS AMONG CONSUMERS IN THE UNITED STATES, AS OF MAY 2017

Refrigerator brands U.S. consumers have at home 2017

Source and methodology information

Source(s)	Statista Survey
Conducted by	Statista Survey
Survey period	May 10 to 15, 2017
Region(s)	United States
Number of respondents	706
Age group	18 years and older
Special characteristics	Residential population who are responsible for major decisions in household and own a refrigerator
Published by	Statista Survey
Publication date	May 2017
Original source	statista.com
Website URL	visit the website
Notes:	<i>Original question: "Which brand is your refrigerator from?"</i>

Description

This statistic shows the results of a Statista survey on the refrigerator brands U.S. consumers have at home, as of May 2017. Of respondents, 21 percent said that they had a Frigidaire-brand refrigerator at home.

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CONSUMER TRUST INDEX OF REFRIGERATOR BRANDS IN THE UNITED STATES IN 2017*

Refrigerator brands ranked by consumer trust in the United States 2017

Source and methodology information

Source(s)	Lifestory Research
Conducted by	Lifestory Research
Survey period	2017
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Lifestory Research
Publication date	January 2017
Original source	lifestoryresearch.com
Website URL	visit the website
Notes:	<i>* Information on sampling and methodology can be found on the source's methodology page .</i>

Description

This statistic shows an index ranking of the most trusted refrigerator brands in the United States in 2017. LG ranked first with an index score of 112.2.

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KEY INFORMATION ON THE HEATING, VENTILATION AND AIR CONDITIONING (HVAC) INDUSTRY IN THE U.S. AS OF JANUARY 2019

Select data on the U.S. HVAC industry 2019

Source and methodology information

Source(s)	IBISWorld
Conducted by	IBISWorld
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	IBISWorld
Publication date	January 2019
Original source	ibisworld.com
Website URL	visit the website
Notes:	<i>n.a.</i>

Description

This statistic depicts select data on the heating, ventilation and air conditioning (HVAC) industry in the U.S. as of January 2019. By that time, there were around 528,550 people employed by the HVAC industry in the United States.

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LEADING HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVACR) COMPANIES IN THE U.S. AS OF 2019, BY MARKET CAPITALIZATION (IN BILLION U.S. DOLLARS)

U.S. HVACR companies by market cap 2019

Description

This statistic displays the market capitalization of leading heating, ventilation, air conditioning, and refrigeration (HVACR) companies in the United States as of 2019. At this time, the market capitalization of Johnson Controls Inc was 31.4 billion U.S. dollars.

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Source and methodology information

Source(s)	Capstone Headwaters
Conducted by	Capstone Headwaters
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Capstone Headwaters
Publication date	January 2020
Original source	HVACR 2019 Year in Review, page 7
Website URL	visit the website
Notes:	<i>Figures were rounded.</i>

LEADING HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION (HVACR) DISTRIBUTORS IN THE U.S. IN 2019, BY NUMBER OF EMPLOYEES

U.S. HVACR distributors by number of employees 2019

Source and methodology information

Source(s)	Website (achrnews.com)
Conducted by	Website (achrnews.com)
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Website (achrnews.com)
Publication date	April 2019
Original source	achrnews.com
Website URL	visit the website
Notes:	<i>Ranking is based on the source's own methodology.</i>

Description

This statistic displays the number of employees that are working at the leading heating, ventilation, air conditioning, and refrigeration (HVACR) distributors in the United States as of 2019. At this time, there were about 5,300 people employed at Watsco.

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NUMBER OF JOBS IN THE HVAC AND RENEWABLE HEATING AND COOLING INDUSTRY IN THE U.S. IN 2019, BY SELECT STATE

HVAC and renewable heating and cooling employment in the U.S. 2019, by select state

Source and methodology information

Source(s)	NASEO; Energy Futures Initiative
Conducted by	Energy Futures Initiative; NASEO
Survey period	2019
Region(s)	United States
Number of respondents	<i>n.a.</i>
Age group	<i>n.a.</i>
Special characteristics	<i>n.a.</i>
Published by	Energy Futures Initiative; NASEO
Publication date	March 2020
Original source	Energy employment by state 2020
Website URL	visit the website
Notes:	<i>HVAC: heating, ventilation, and air conditioning</i>

Description

The HVAC (heating, ventilation, and air conditioning) and renewable heating and cooling industries employed 189,087 people in California. It was the state with the highest number of employees in these sectors, more than twice that of the second-ranked New York.

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