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May 10, 2024

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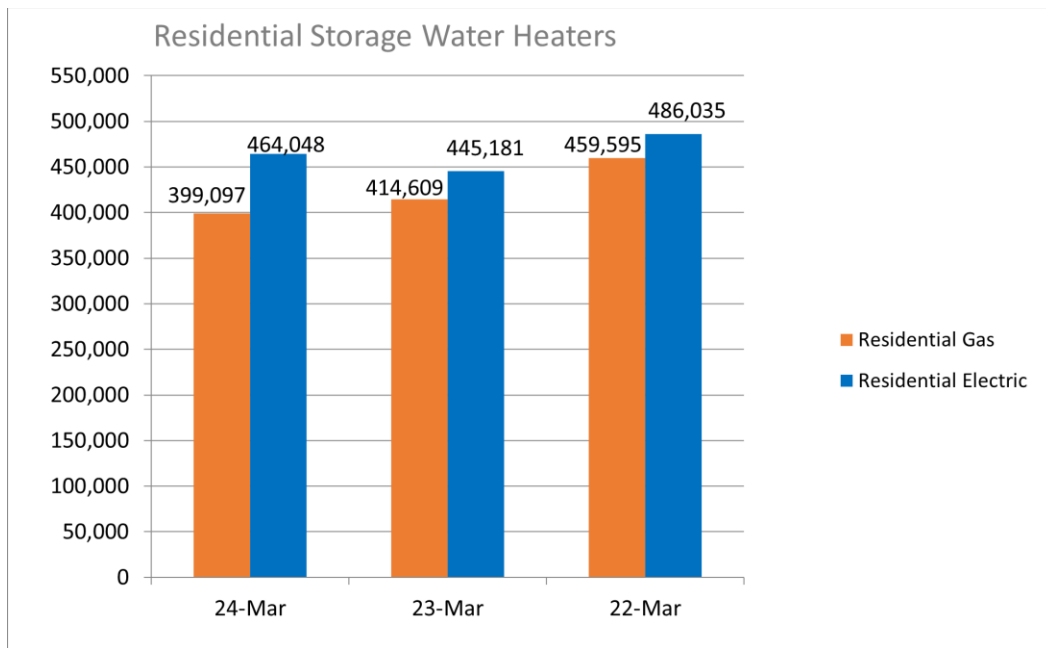
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

AHRI Releases March 2024 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for March 2024 decreased 3.7 percent, to 399,097 units, down from 414,609 units shipped in March 2023. Residential electric storage water heater shipments increased 4.2 percent in March 2024 to 464,048 units, up from 445,181 units shipped in March 2023.

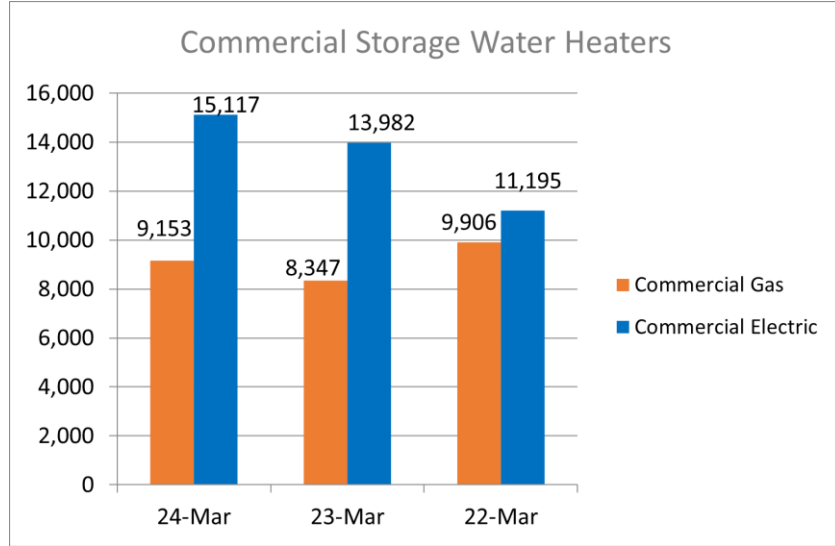


Year-to-date U.S. shipments of residential gas storage water heaters decreased 0.1 percent, to 1,143,650, compared to 1,144,989 shipped during that same period in 2023. Residential electric storage water heater shipments increased 5.6 percent year-to-date, to 1,335,688 units, compared to 1,264,410 shipped during the same period in 2023.

Year-to-Date	Mar 24 YTD	Mar 23 YTD	% CHG. (From 2023-2024)	Mar 22 YTD
Residential Storage Gas	1,143,650	1,144,989	-0.1	1,198,888
Residential Storage Electric	1,335,688	1,264,410	+5.6	1,289,452

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 9.7 percent in March 2024, to 9,153 units, up from 8,347 units shipped in March 2023. Commercial electric storage water heater shipments increased 8.1 percent in March 2024, to 15,117, up from 13,982 units shipped in March 2023.

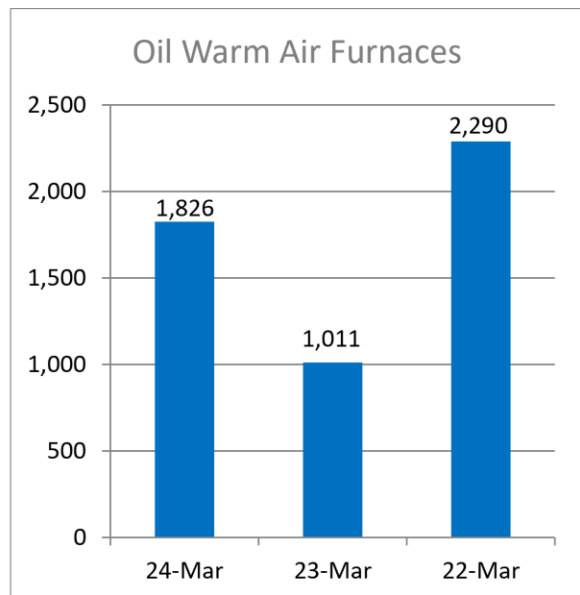
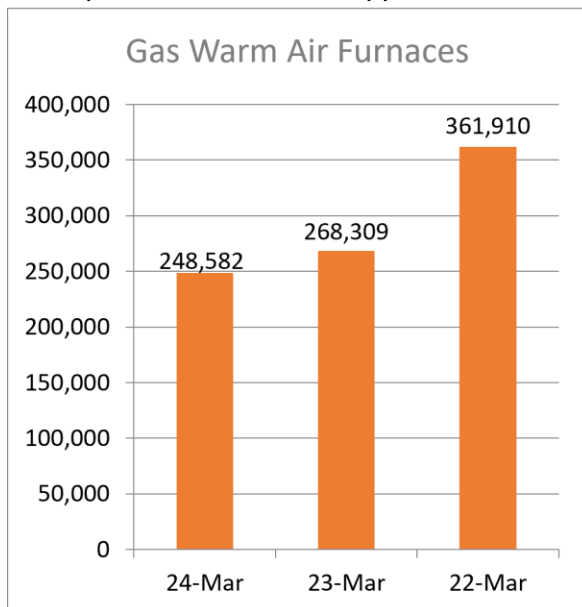


Year-to-date U.S. shipments of commercial gas storage water heaters increased 7.6 percent, to 24,524 units, compared with 22,794 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments increased 7.9 percent, to 40,764 units, up from 37,773 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Mar 24 YTD	Mar 23 YTD	% CHG. (From 2023-2024)	Mar 22 YTD
Commercial Storage Gas	24,524	22,794	+7.6	21,351
Commercial Storage Electric	40,764	37,773	+7.9	24,983

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for March 2024 decreased 7.4 percent, to 248,582 units, down from 268,309 units shipped in March 2023. Oil warm air furnace shipments increased 80.6 percent, to 1,826 units in March 2024, up from 1,011 units shipped in March 2023.

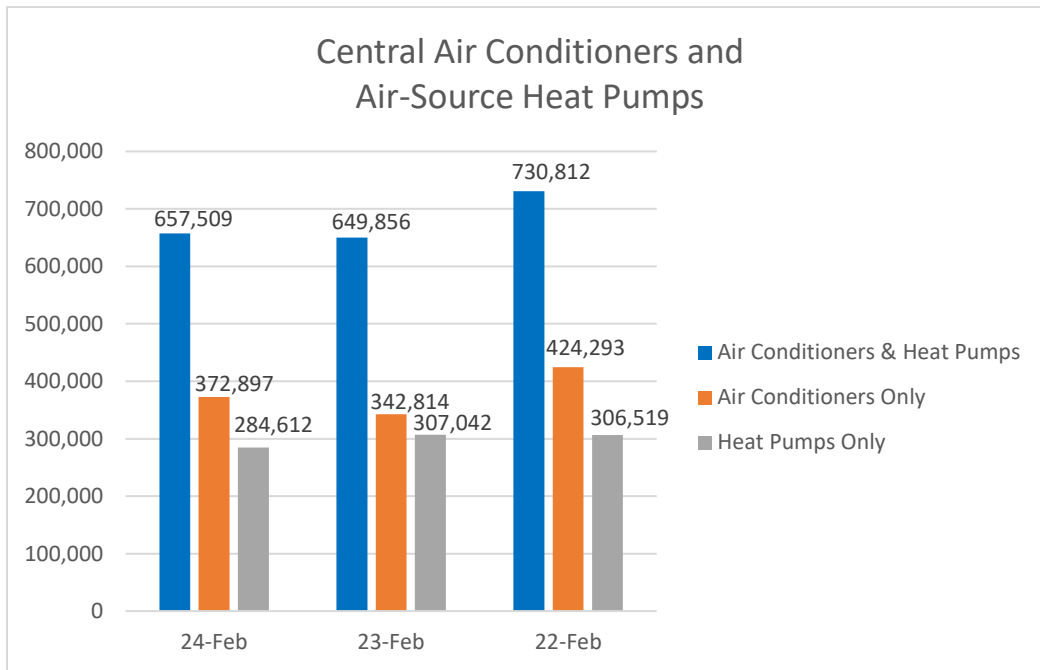


Year-to-date U.S. shipments of gas warm air furnaces decreased 10.2 percent, to 679,629 units, compared with 756,609 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces increased 34.5 percent, to 6,890 units, compared with 5,124 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Mar 24 YTD	Mar 23 YTD	% CHG. (From 2023-2024)	Mar 22 YTD
Gas Warm Air Furnaces	679,629	756,609	-10.2	964,540
Oil Warm Air Furnaces	6,890	5,124	+34.5	8,029

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 838,626 units in March 2024, down 4.5 percent from 877,912 units shipped in March 2023. U.S. shipments of air conditioners decreased 5.2 percent, to 470,653 units, down from 496,539 units shipped in March 2023. U.S. shipments of air-source heat pumps decreased 3.5 percent, to 367,973 units, down from 381,373 shipped in March 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 7.6 percent, to 1,975,509, down from 2,136,924 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners decreased 6.4 percent, to 1,091,585 units, down from 1,166,808 units shipped during the same period in 2023. The year-to-date total for heat pump shipments decreased 8.9 percent, to 883,924, down from 970,116 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	Mar 24 YTD	Mar 23 YTD	% CHG. (From 2023-2024)	Mar 22 YTD
Air Conditioners & Heat Pumps Combined Total	1,975,509	2,136,924	-7.6	2,434,073
Air Conditioners Only	1,091,585	1,166,808	-6.4	1,439,381
Heat Pumps Only	883,924	970,116	-8.9	994,692

U.S. Manufacturers' Shipments of Central Air Conditioners and Air-Source Heat Pumps

Month			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	35,043	-3.4	42,770
16.5-21.9	100,585	-11.7	89,989
22-26.9	183,204	+7.3	189,963
27-32.9	133,978	-2.3	147,369
33-38.9	163,166	-4.7	200,863
39-43.9	52,956	-3.5	71,514
44-53.9	79,809	-14.4	101,526
54-64.9	63,277	-16.9	78,319
65-96.9	8,814	-7.3	7,952
97-134.9	7,523	+12.8	6,599
135-184.9	5,012	+12.7	4,150
185-249.9	2,404	+61.2	1,896
250-319.9	1,528	+48.5	1,715
320-379.9	339	+34.0	307
380-539.9	401	+27.7	302
540-639.9	232	-20.5	307
640-799.9	123	+17.1	128
800.0-899.9	53	+8.2	63
900.0-999.9	70	+18.6	75
1,000.0-1,199.9	24	-44.2	55
1,200.0 & Over	85	-19.8	121
TOTAL	838,626	-4.5	945,983

YTD			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	79,623	-5.1	110,520
16.5-21.9	230,945	-14.6	239,719
22-26.9	422,008	+1.1	470,462
27-32.9	307,315	-7.3	378,738
33-38.9	384,830	-9.1	516,224
39-43.9	127,701	-5.8	184,680
44-53.9	191,617	-14.5	265,556
54-64.9	158,210	-16.9	204,402
65-96.9	24,301	+6.2	22,025
97-134.9	21,053	+29.1	17,647
135-184.9	13,332	+19.3	11,339
185-249.9	6,055	+62.0	5,016
250-319.9	4,551	+60.2	4,394
320-379.9	1,007	+51.2	743
380-539.9	1,119	+40.1	802
540-639.9	778	+10.7	739
640 & Over	348	+36.5	303
800.0-899.9	171	+12.5	164
900.0-999.9	191	+16.5	184
1,000.0-1,199.9	115	+5.5	106
1,200.0 & Over	239	-9.1	310
TOTAL	1,975,509	-7.6	2,434,073

Notes and FAQs

A shipment is defined as when a unit transfers ownership; a consignment is not a transfer of ownership. Industry data is aggregated from the information supplied by AHRI member companies that participate in the statistics program and can be subject to revision. Published year-to-date data is inclusive of all revisions. No other AHRI data (e.g., by state or region) is available to the public other than that published. AHRI does not conduct any market forecasting and is not qualified to discuss market trends. BTUHs of 64.9 and below are for residential units; 65.0 and above for commercial. For previous monthly shipment releases and historical data, please see <http://www.ahrinet.org/statistics>.

1. How do my colleagues subscribe to the report?

Go to <http://www.ahrinet.org/statistics> and click on Subscribe.

2. Does this data represent shipments to the United States only or are shipments outside of the United States included?

This data represents shipments to customers in the United States only.

3. Do you provide U.S. data by state?

That data is not available publicly.

4. Is historical data available in Excel?

It is available monthly reflecting exactly the data presented in the monthly public release.

5. Is data available in a different format?

The only format available is provided on the website.

6. Does the December YTD data equal full calendar year?

Yes, it does.

7. Can I purchase additional industry data from AHRI?

No, AHRI statistical data is not for sale.

8. Does AHRI provide information for academic research purposes?

AHRI is not authorized by our members to provide information other than what is listed on our website.

9. How much of the industry does the data represent?

Although we cannot get into specifics about how much of the industry the data represents, in general, AHRI is one of the largest trade associations in the nation, representing more than 300 heating, water heating, ventilation, air conditioning and commercial refrigeration manufacturers within the global HVACR industry. AHRI's 300+ member companies account for more than 90 percent of the residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment manufactured and sold in North America.

10. Is it accurate to use the number for year-to-date U.S. shipments as a measure of sales?

AHRI reports track shipments, which are defined as when a unit transfers ownership. While some people use the terms shipments and sales interchangeably, they may not be the same.

11. Where can I find the definitions for the products included in this report?

Download product definitions for monthly shipment reports [here](#).

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[About AHRI](#)

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) is the trade association representing manufacturers of air conditioning, heating, and commercial refrigeration, and water heating equipment. An internationally recognized advocate for the industry, AHRI develops standards for and certifies the performance of many of these products. AHRI's 300+ member companies manufacture quality, efficient, and innovative residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment and components for sale in North America and around the world.