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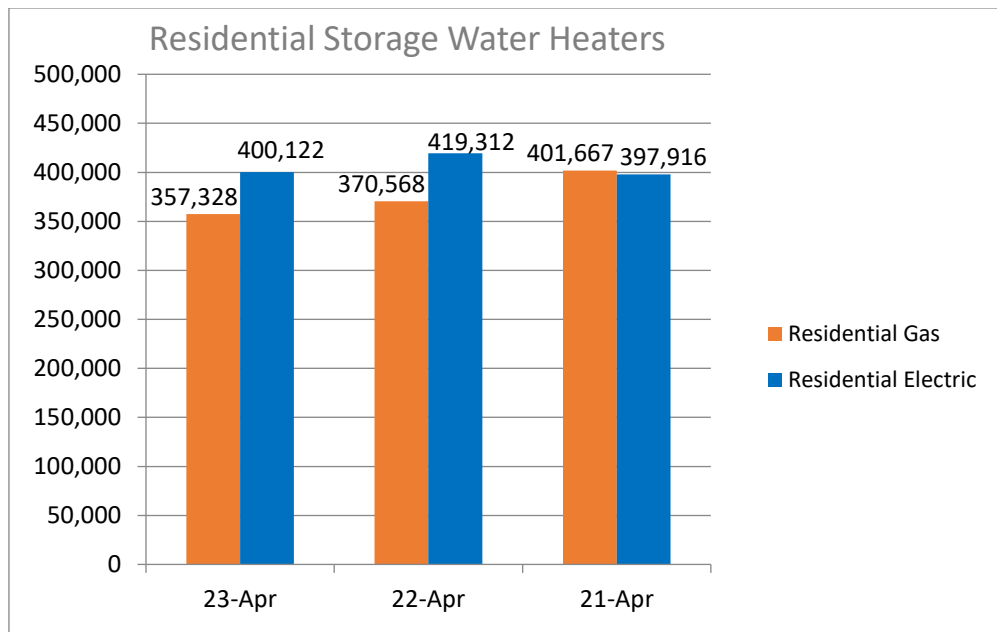
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

AHRI Releases April 2023 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for April 2023 decreased 3.6 percent, to 357,328 units, down from 370,568 units shipped in April 2022. Residential electric storage water heater shipments decreased 4.6 percent in April 2023 to 400,122 units, down from 419,312 units shipped in April 2022.

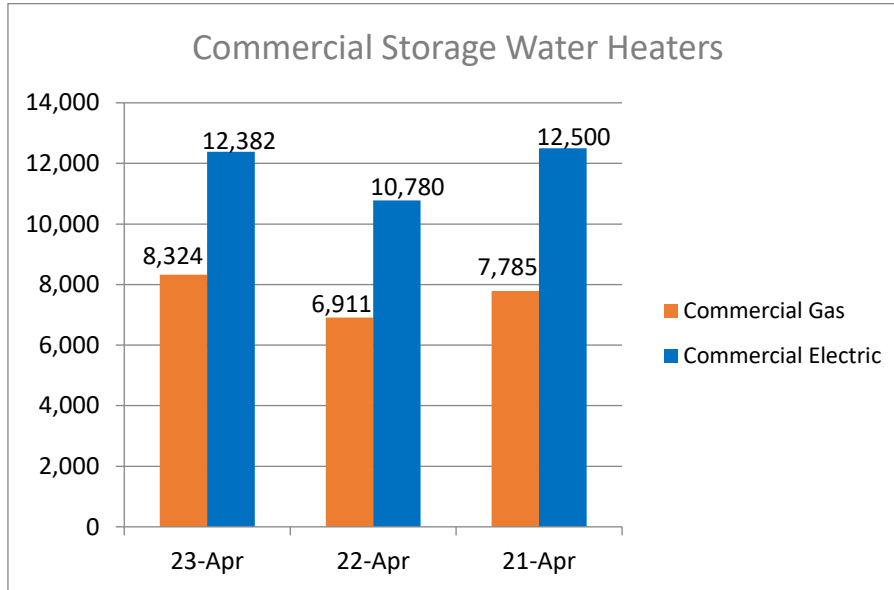


Year-to-date U.S. shipments of residential gas storage water heaters decreased 4.3 percent, to 1,502,317 compared to 1,569,456 shipped during that same period in 2022. Residential electric storage water heater shipments decreased 2.6 percent year-to-date, to 1,664,532 units, compared to 1,708,764 shipped during the same period in 2022.

Year-to-Date	Apr 23 YTD	Apr 22 YTD	%CHG. (From 2022-2023)	Apr 21 YTD
Residential Storage Gas	1,502,317	1,569,456	-4.3	1,631,081
Residential Storage Electric	1,664,532	1,708,764	-2.6	1,599,456

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 20.4 percent in April 2023, to 8,324 units, up from 6,911 units shipped in April 2022. Commercial electric storage water heater shipments increased 14.9 percent in April 2023, to 12,382 units, up from 10,780 units shipped in April 2022.

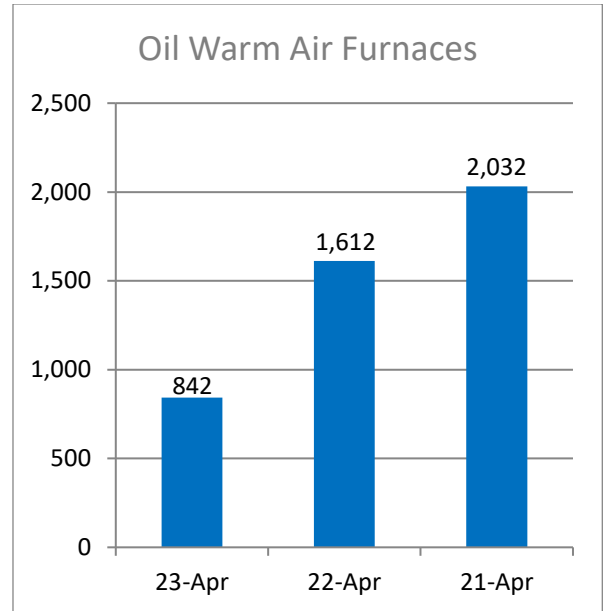
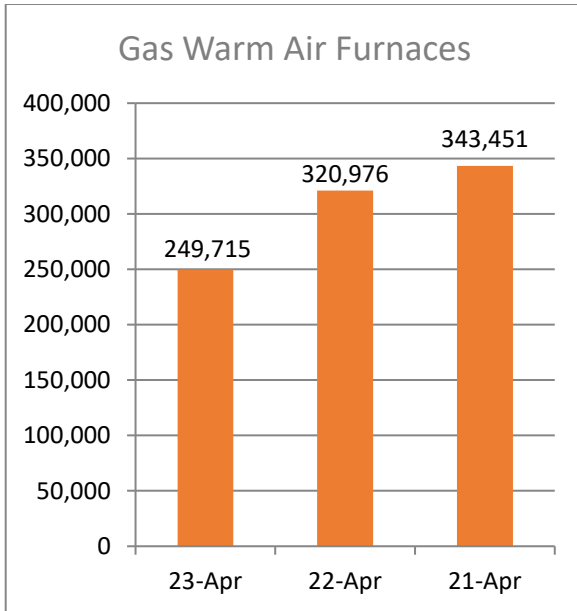


Year-to-date U.S. shipments of commercial gas storage water heaters increased 10.1 percent, to 31,118 units, compared with 28,262 units shipped during the same period in 2022. Year-to-date commercial electric storage water heater shipments increased 40.2 percent, to 50,155 units, up from 35,763 units shipped during the same period in 2022.

<i>Year-to-Date</i>	Apr 23 YTD	Apr 22 YTD	%CHG. (From 2022-2023)	Apr 21 YTD
Commercial Storage Gas	31,118	28,262	+10.1	31,165
Commercial Storage Electric	50,155	35,763	+40.2	49,359

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for April 2023 decreased 22.2 percent, to 249,715 units, down from 320,976 units shipped in April 2022. Oil warm air furnace shipments decreased 47.8 percent, to 842 units in April 2023, down from 1,612 units shipped in April 2022.

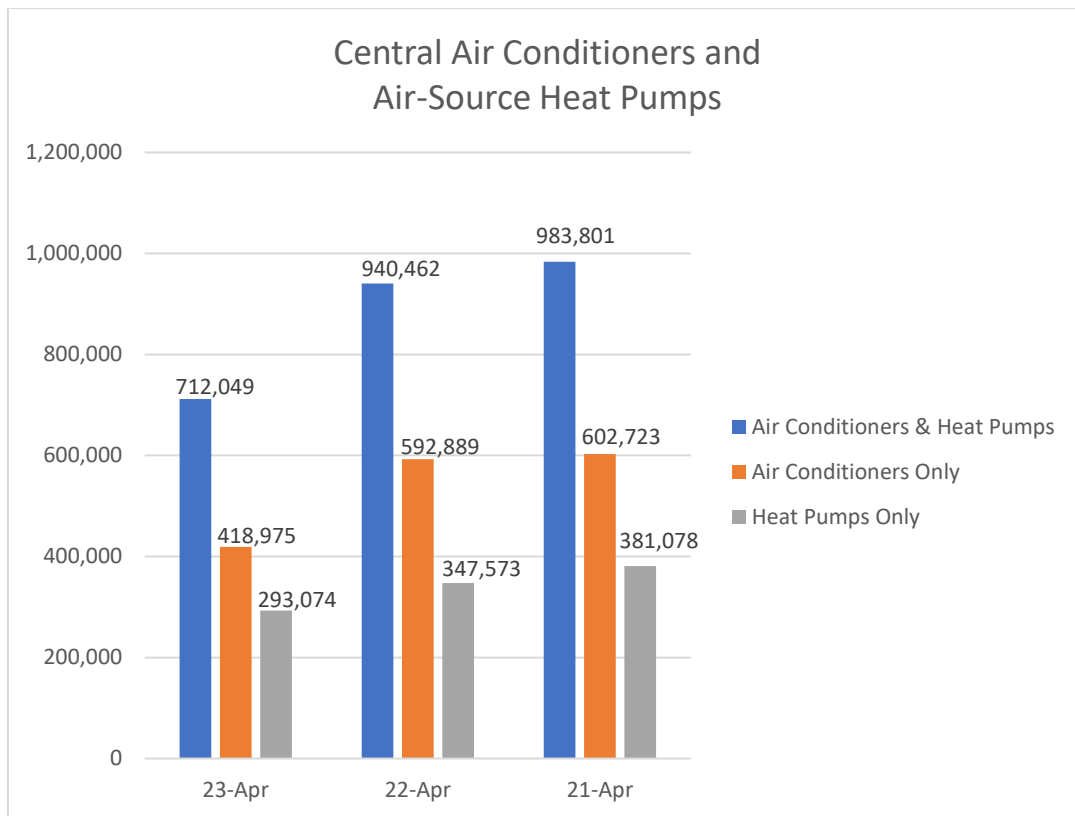


Year-to-date U.S. shipments of gas warm air furnaces decreased 21.7 percent, to 1,006,324 units, compared with 1,285,516 units shipped during the same period in 2022. Year-to-date U.S. shipments of oil warm air furnaces decreased 38.1 percent, to 5,966 units, compared with 9,641 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Apr 23 YTD	Apr 22 YTD	%CHG. (From 2022-2023)	Apr 21 YTD
Gas Warm Air Furnaces	1,006,324	1,285,516	-21.7	1,375,187
Oil Warm Air Furnaces	5,966	9,641	-38.1	11,414

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 712,049 units in April 2023, down 24.3 percent from 940,462 units shipped in April 2022. U.S. shipments of air conditioners decreased 29.3 percent, to 418,975 units, down from 592,889 units shipped in April 2022. U.S. shipments of air-source heat pumps decreased 15.7 percent, to 293,074 units, down from 347,573 units shipped in April 2022.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 15.6 percent, to 2,848,973 units, down from 3,374,535 units shipped during the same period in 2022. Year-to-date shipments of central air conditioners decreased 22.0 percent, to 1,585,783 units, down from 2,032,270 units shipped during the same period in 2022. The year-to-date total for heat pump shipments decreased 5.9 percent, to 1,263,190, down from 1,342,265 units shipped during the same period in 2022.

<i>Year-to-Date</i>	Apr 23 YTD	Apr 22 YTD	%CHG. (From 2022-2023)	Apr 21 YTD
Air Conditioners & Heat Pumps Combined Total	2,848,973	3,374,535	-15.6	3,232,530
Air Conditioners Only	1,585,783	2,032,270	-22.0	1,951,245
Heat Pumps Only	1,263,190	1,342,265	-5.9	1,281,285

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

Month			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	24,325	-6.3	48,336
16.5-21.9	91,211	+2.0	88,670
22-26.9	143,911	-26.0	188,222
27-32.9	113,636	-27.1	154,623
33-38.9	133,134	-33.3	219,619
39-43.9	49,506	-28.0	76,639
44-53.9	76,984	-26.6	107,639
54-64.9	58,426	-26.7	75,673
65-96.9	8,911	+12.2	9,124
97-134.9	5,535	-8.1	6,762
135-184.9	3,182	-13.6	4,074
185-249.9	1,432	-10.5	1,708
250-319.9	1,015	-21.1	1,547
320-379.9	201	-28.0	351
380-539.9	249	-17.3	270
540-639.9	159	-25.0	214
640-799.9	87	-18.7	89
800.0-899.9	30	-30.2	47
900.0-999.9	44	-42.1	81
1,000.0-1,199.9	23	-43.9	38
1,200.0 & Over	48	-36.8	75
TOTAL	712,049	-24.3	983,801

YTD			
Size Description (000) BTUH	2023 Total	% Change from 2022	2021 Total
Under 16.5	108,230	-20.7	151,442
16.5-21.9	361,791	+9.9	310,201
22-26.9	561,263	-15.6	643,887
27-32.9	445,137	-16.7	501,103
33-38.9	556,529	-22.3	685,664
39-43.9	185,121	-27.0	245,023
44-53.9	301,159	-18.7	353,998
54-64.9	248,772	-12.4	258,448
65-96.9	31,802	+6.1	30,558
97-134.9	21,837	-7.7	22,414
135-184.9	14,355	-4.4	13,532
185-249.9	5,169	-21.9	6,092
250-319.9	3,856	-32.1	5,780
320-379.9	867	-15.2	1,185
380-539.9	1,048	-5.0	1,116
540-639.9	862	-9.4	770
640 & Over	342	-16.6	424
800.0-899.9	182	-12.1	165
900.0-999.9	208	-20.0	270
1,000.0-1,199.9	132	-10.2	114
1,200.0 & Over	311	-19.4	344
TOTAL	2,848,973	-15.6	3,232,530

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.

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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.