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2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA  
 Phone 703 524 8800 | Fax 703 562 1942  
 www.ahrinet.org

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Contact: [Adanna Le Gendre](#)

Phone: 703.600.0363

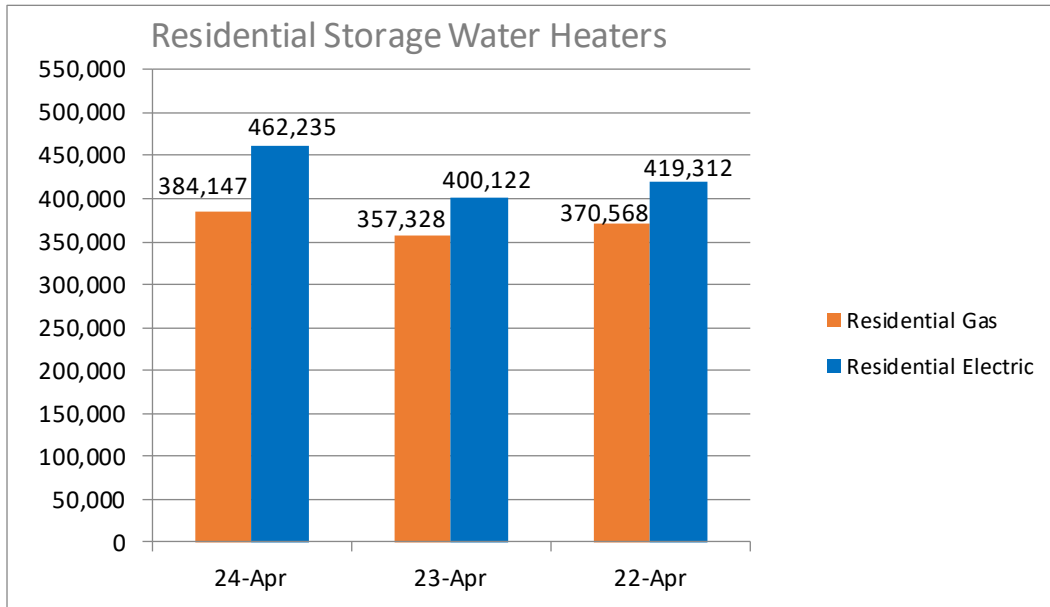
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for April 2024 changed +7.5 percent, to 384,147 units, compared to 357,328 units shipped in April 2023. Residential electric storage water heater shipments changed +15.5 percent in April 2024 to 462,235 units, compared to 400,122 units shipped in April 2023.

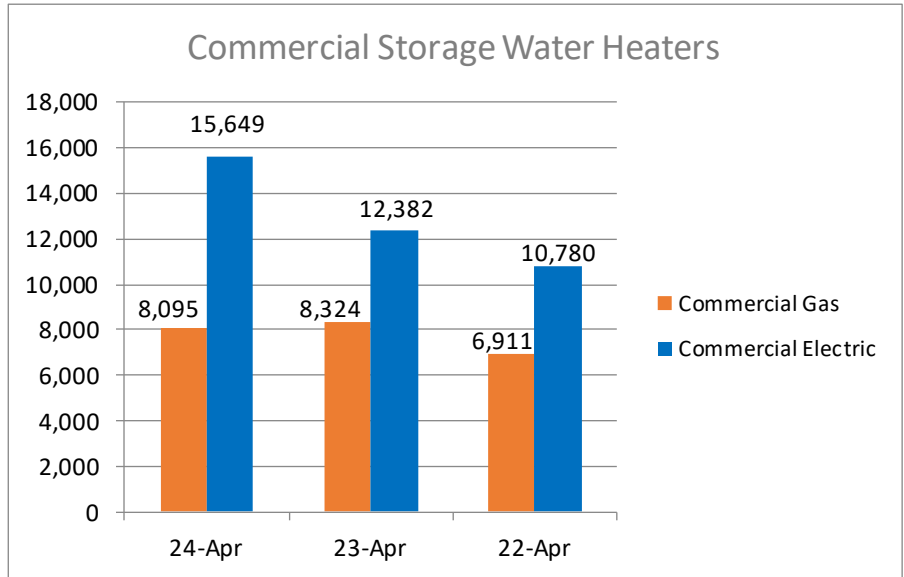


Year-to-date U.S. shipments of residential gas storage water heaters changed +1.7 percent, to 1,527,797, compared to 1,502,317 shipped during that same period in 2023. Residential electric storage water heater shipments changed +8.0 percent year-to-date, to 1,797,923 units, compared to 1,664,532 shipped during the same period in 2023.

Year-to-Date	Apr 24 YTD	Apr 23 YTD	% CHG. (From 2023-2024)	Apr 22 YTD
Residential Storage Gas	1,527,797	1,502,317	+1.7	1,569,456
Residential Storage Electric	1,797,923	1,664,532	+8.0	1,708,764

### Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -2.8 percent in April 2024, to 8,095 units, compared to 8,324 units shipped in April 2023. Commercial electric storage water heater shipments changed +26.4 percent in April 2024, to 15,649, compared to 12,382 units shipped in April 2023.

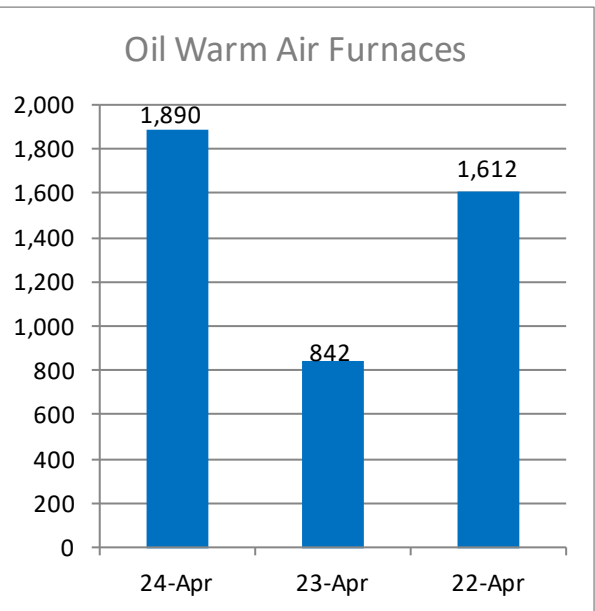
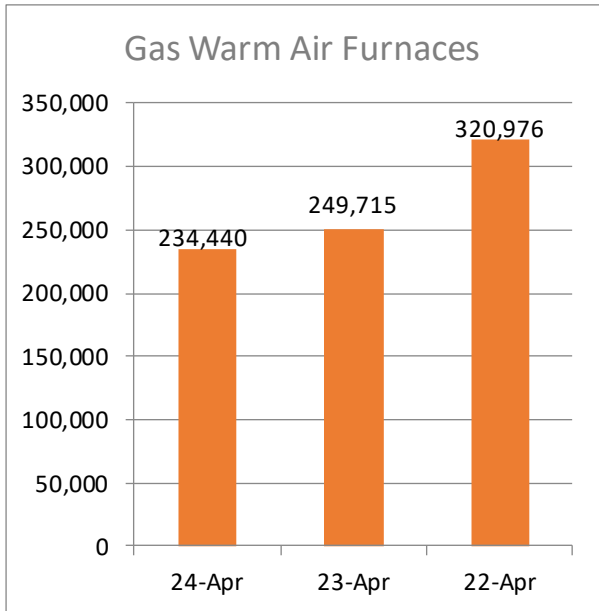


Year-to-date U.S. shipments of commercial gas storage water heaters changed +4.8 percent, to 32,619 units, compared to 31,118 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +12.5 percent, to 56,413 units, compared to 50,155 units shipped during the same period in 2023.

<i>Year-to-Date</i>	Apr 24 YTD	Apr 23 YTD	% CHG. (From 2023-2024)	Apr 22 YTD
<b>Commercial Storage Gas</b>	32,619	31,118	+4.8	28,262
<b>Commercial Storage Electric</b>	56,413	50,155	+12.5	35,763

### Warm Air Furnaces

U.S. shipments of gas warm air furnaces for April 2024 changed -6.1 percent, to 234,440 units, compared to 249,715 units shipped in April 2023. Oil warm air furnace shipments changed +124.5 percent, to 1,890 units in April 2024, compared to 842 units shipped in April 2023.



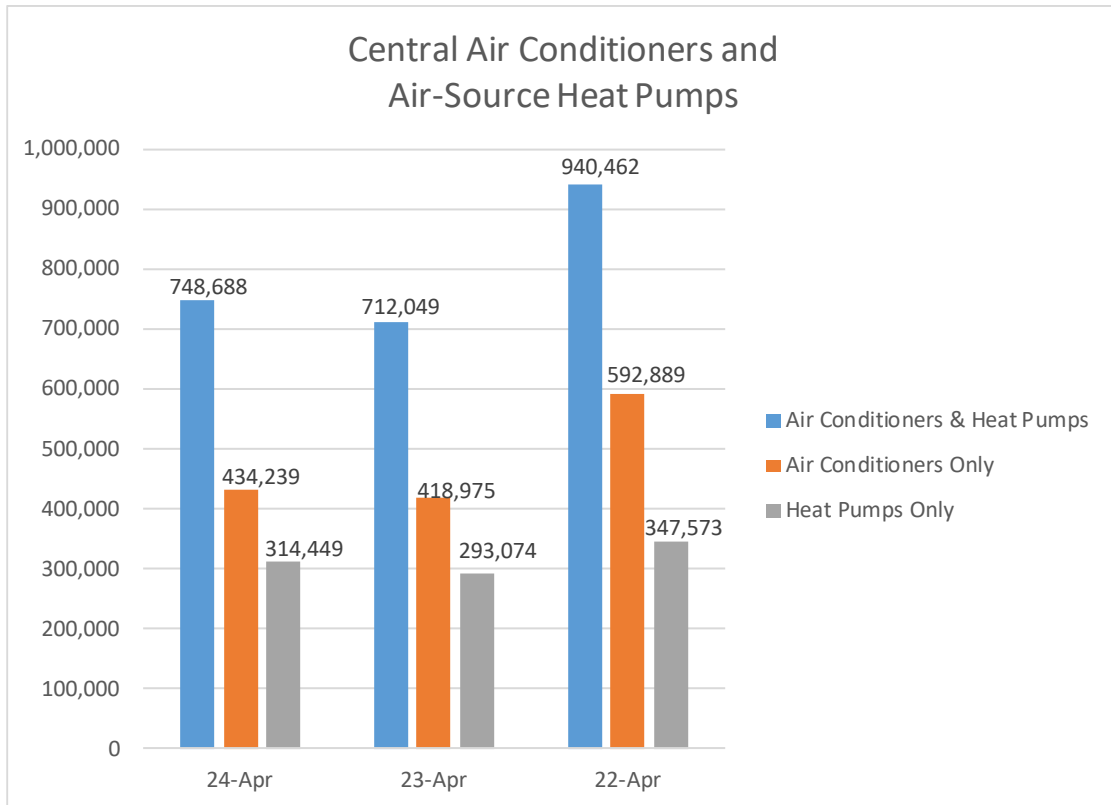
Year-to-date U.S. shipments of gas warm air furnaces changed -9.2 percent, to 914,069 units, compared to 1,006,324 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces

changed +47.2 percent, to 8,780 units, compared to 5,966 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	<b>Apr 24 YTD</b>	<b>Apr 23 YTD</b>	<b>% CHG. (From 2023-2024)</b>	<b>Apr 22 YTD</b>
<b>Gas Warm Air Furnaces</b>	914,069	1,006,324	-9.2	1,285,516
<b>Oil Warm Air Furnaces</b>	8,780	5,966	+47.2	9,641

### Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 748,688 units in April 2024, changed +5.1 percent compared to 712,049 units shipped in April 2023. U.S. shipments of air conditioners changed +3.6 percent, to 434,239 units, compared to 418,975 units shipped in April 2023. U.S. shipments of air-source heat pumps changed +7.3 percent, to 314,449 units, compared to 293,074 shipped in April 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed -4.4 percent, to 2,724,197, compared to 2,848,973 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed -3.8 percent, to 1,525,824 units, compared to 1,585,783 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed -5.1 percent, to 1,198,373, compared to 1,263,190 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	<b>Apr 24 YTD</b>	<b>Apr 23 YTD</b>	<b>% CHG. (From 2023-2024)</b>	<b>Apr 22 YTD</b>
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	2,724,197	2,848,973	-4.4	3,374,535
<b>Air Conditioners Only</b>	1,525,824	1,585,783	-3.8	2,032,270
<b>Heat Pumps Only</b>	1,198,373	1,263,190	-5.1	1,342,265

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

Month				YTD			
Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total	Size Description (000) BTUH	2024 Total	% Change from 2023	2022 Total
Under 16.5	27,307	+12.3	25,951	Under 16.5	106,930	-1.2	136,471
16.5-21.9	85,559	-6.2	89,384	16.5-21.9	316,504	-12.5	329,103
22-26.9	158,499	+10.1	194,523	22-26.9	580,507	+3.4	664,985
27-32.9	117,786	+3.7	155,932	27-32.9	425,101	-4.5	534,670
33-38.9	146,207	+9.8	199,660	33-38.9	531,037	-4.6	715,884
39-43.9	49,438	-0.1	68,798	39-43.9	177,139	-4.3	253,478
44-53.9	74,798	-2.8	104,815	44-53.9	266,415	-11.5	370,371
54-64.9	61,086	+4.6	79,732	54-64.9	219,296	-11.8	284,134
65-96.9	9,822	+10.2	7,940	65-96.9	34,123	+7.3	29,965
97-134.9	7,888	+42.5	6,022	97-134.9	28,941	+32.5	23,669
135-184.9	4,603	+44.7	3,683	135-184.9	17,935	+24.9	15,022
185-249.9	2,509	+75.2	1,600	185-249.9	8,564	+65.7	6,616
250-319.9	1,680	+65.5	1,287	250-319.9	6,231	+61.6	5,681
320-379.9	364	+81.1	279	320-379.9	1,371	+58.1	1,022
380-539.9	401	+61.0	301	380-539.9	1,520	+45.0	1,103
540-639.9	318	+100.0	212	540-639.9	1,096	+27.1	951
640-799.9	144	+65.5	107	640 & Over	492	+43.9	410
800.0-899.9	51	+70.0	43	800.0-899.9	222	+22.0	207
900.0-999.9	72	+63.6	76	900.0-999.9	263	+26.4	260
1,000.0-1,199.9	40	+73.9	41	1,000.0-1,199.9	155	+17.4	147
1,200.0 & Over	116	+141.7	76	1,200.0 & Over	355	+14.1	386
<b>TOTAL</b>	<b>748,688</b>	<b>+5.1</b>	<b>940,462</b>	<b>TOTAL</b>	<b>2,724,197</b>	<b>-4.4</b>	<b>3,374,535</b>

### 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>.

- How do my colleagues subscribe to the report?  
Go to <http://www.ahrinet.org/statistics> and click on Subscribe.
- 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.
- Do you provide U.S. data by state?  
That data is not available publicly.
- Is historical data available in Excel?  
It is available monthly reflecting exactly the data presented in the monthly public release.
- Is data available in a different format?  
The only format available is provided on the website.
- Does the December YTD data equal full calendar year?  
Yes, it does.
- Can I purchase additional industry data from AHRI?  
No, AHRI statistical data is not for sale.
- 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.
- 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.
- 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.
- 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.