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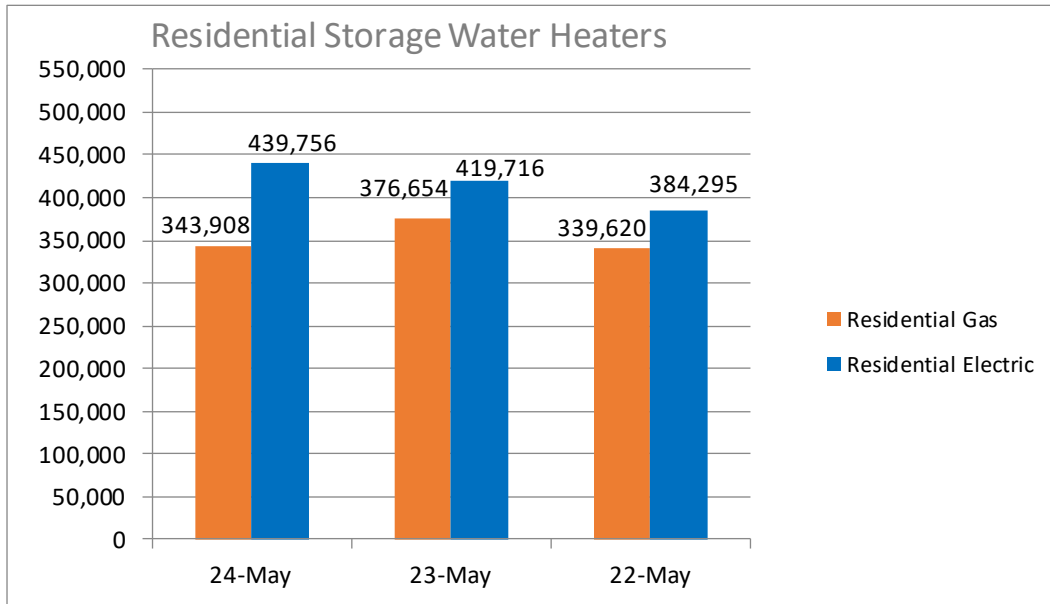
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for May 2024 changed -8.7 percent, to 343,908 units, compared to 376,654 units shipped in May 2023. Residential electric storage water heater shipments changed +4.8 percent in May 2024 to 439,756 units, compared to 419,716 units shipped in May 2023.

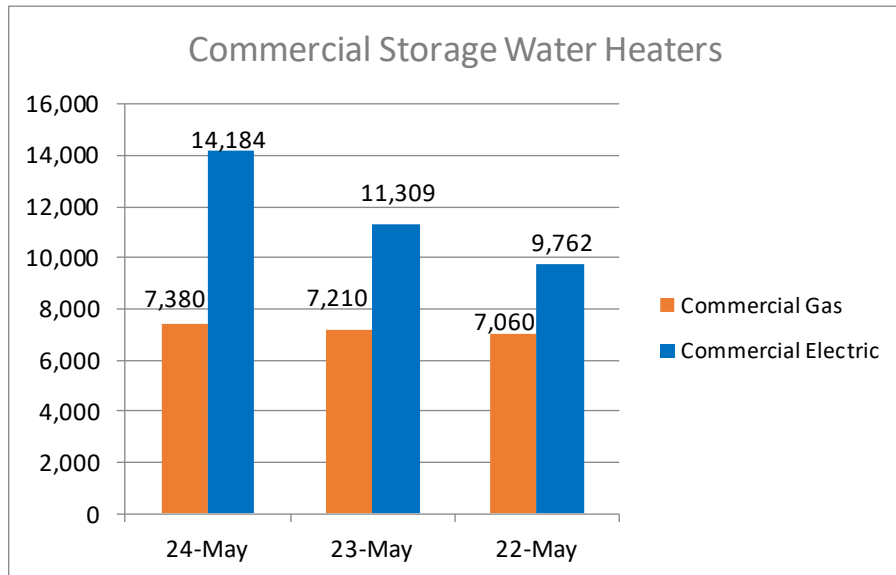


Year-to-date U.S. shipments of residential gas storage water heaters changed -0.4 percent, to 1,871,705, compared to 1,878,971 shipped during that same period in 2023. Residential electric storage water heater shipments changed +7.4 percent year-to-date, to 2,237,679 units, compared to 2,084,248 shipped during the same period in 2023.

Year-to-Date	May 24 YTD	May 23 YTD	% CHG. (From 2023-2024)	May 22 YTD
Residential Storage Gas	1,871,705	1,878,971	-0.4	1,909,076
Residential Storage Electric	2,237,679	2,084,248	+7.4	2,093,059

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed +2.4 percent in May 2024, to 7,380 units, compared to 7,210 units shipped in May 2023. Commercial electric storage water heater shipments changed +25.4 percent in May 2024, to 14,184, compared to 11,309 units shipped in May 2023.

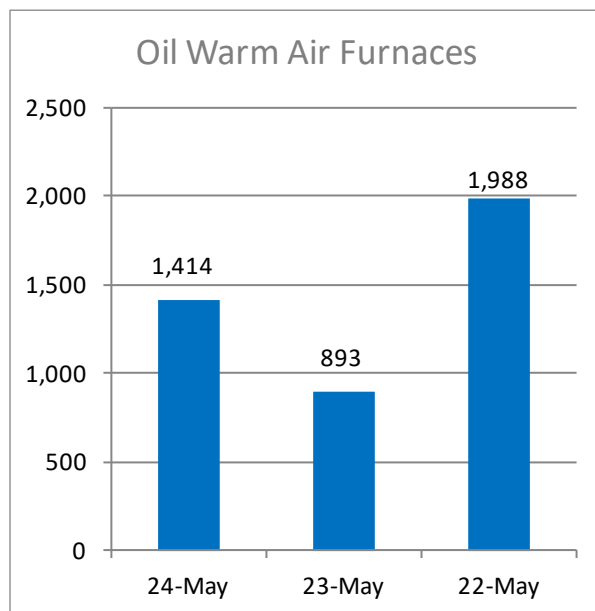
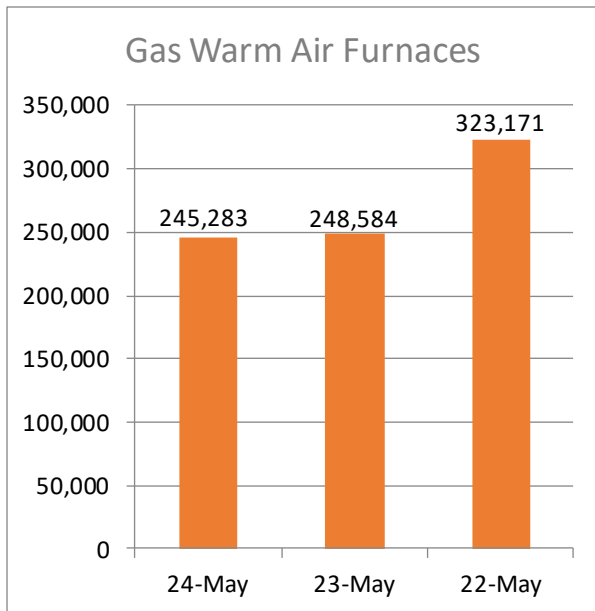


Year-to-date U.S. shipments of commercial gas storage water heaters changed +4.4 percent, to 39,999 units, compared to 38,328 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +14.9 percent, to 70,597 units, compared to 61,464 units shipped during the same period in 2023.

<i>Year-to-Date</i>	May 24 YTD	May 23 YTD	% CHG. (From 2023-2024)	May 22 YTD
Commercial Storage Gas	39,999	38,328	+4.4	35,322
Commercial Storage Electric	70,597	61,464	+14.9	45,525

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for May 2024 changed -1.3 percent, to 245,283 units, compared to 248,584 units shipped in May 2023. Oil warm air furnace shipments changed +58.3 percent, to 1,414 units in May 2024, compared to 893 units shipped in May 2023.



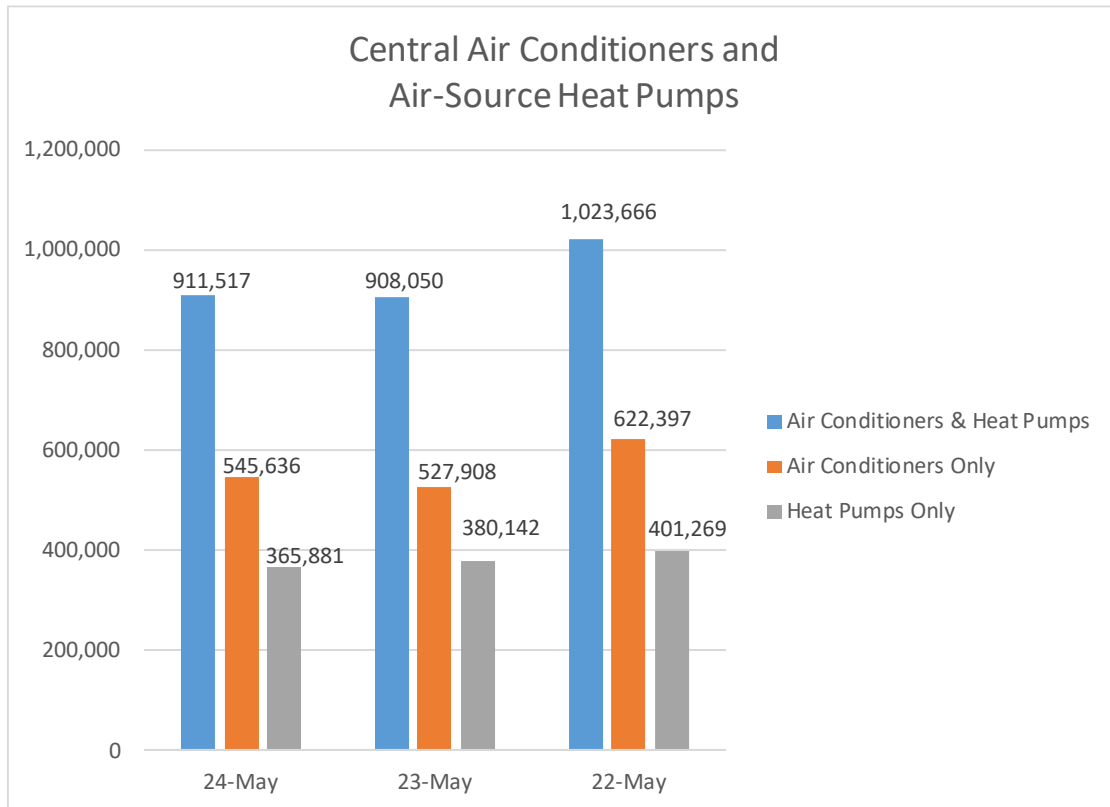
Year-to-date U.S. shipments of gas warm air furnaces changed -7.6 percent, to 1,159,352 units, compared to 1,254,908 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces

changed +48.6 percent, to 10,194 units, compared to 6,859 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	May 24 YTD	May 23 YTD	% CHG. (From 2023-2024)	May 22 YTD
Gas Warm Air Furnaces	1,159,352	1,254,908	-7.6	1,608,687
Oil Warm Air Furnaces	10,194	6,859	+48.6	11,629

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 911,517 units in May 2024, changed +0.4 percent compared to 908,050 units shipped in May 2023. U.S. shipments of air conditioners changed +3.4 percent, to 545,636 units, compared to 527,908 units shipped in May 2023. U.S. shipments of air-source heat pumps changed -3.8 percent, to 365,881 units, compared to 380,142 shipped in May 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed -3.2 percent, to 3,635,714, compared to 3,757,023 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed -2.0 percent, to 2,071,460 units, compared to 2,113,691 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed -4.8 percent, to 1,564,254, compared to 1,643,332 units shipped during the same period in 2023.

<i>Year-to-Date</i>				
	May 24 YTD	May 23 YTD	% CHG. (From 2023-2024)	May 22 YTD
Air Conditioners & Heat Pumps Combined Total	3,635,714	3,757,023	-3.2	4,398,201
Air Conditioners Only	2,071,460	2,113,691	-2.0	2,654,667
Heat Pumps Only	1,564,254	1,643,332	-4.8	1,743,534

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

Size Description (000) BTUH	Month			Size Description (000) BTUH	YTD		
	2024 Total	% Change from 2023	2022 Total		2024 Total	% Change from 2023	2022 Total
Under 16.5	28,296	-7.8	36,969	Under 16.5	135,226	-2.7	173,440
16.5-21.9	107,812	-7.2	89,013	16.5-21.9	424,316	-11.2	418,116
22-26.9	189,541	+2.9	211,638	22-26.9	770,048	+3.3	876,623
27-32.9	141,949	+5.1	161,429	27-32.9	567,050	-2.3	696,099
33-38.9	179,213	-4.5	230,018	33-38.9	710,250	-4.6	945,902
39-43.9	64,485	+8.8	78,193	39-43.9	241,624	-1.1	331,671
44-53.9	95,221	+1.3	113,593	44-53.9	361,636	-8.5	483,964
54-64.9	75,104	+2.5	80,004	54-64.9	294,400	-8.6	364,138
65-96.9	9,940	-6.3	8,514	65-96.9	44,063	+3.9	38,479
97-134.9	7,797	-3.9	6,126	97-134.9	36,738	+22.7	29,795
135-184.9	5,779	+22.9	3,558	135-184.9	23,714	+24.4	18,580
185-249.9	2,586	+54.0	1,883	185-249.9	11,150	+62.8	8,499
250-319.9	2,084	+52.7	1,558	250-319.9	8,315	+59.3	7,239
320-379.9	519	+68.5	295	320-379.9	1,890	+60.9	1,317
380-539.9	444	+36.6	286	380-539.9	1,964	+43.0	1,389
540-639.9	331	+24.9	289	540-639.9	1,427	+26.6	1,240
640-799.9	153	+35.4	98	640 & Over	645	+41.8	508
800.0-899.9	32	-50.0	49	800.0-899.9	254	+3.3	256
900.0-999.9	63	-18.2	54	900.0-999.9	326	+14.4	314
1,000.0-1,199.9	56	+100.0	31	1,000.0-1,199.9	211	+31.9	178
1,200.0 & Over	112	+43.6	68	1,200.0 & Over	467	+20.1	454
TOTAL	911,517	+0.4	1,023,666	TOTAL	3,635,714	-3.2	4,398,201

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.