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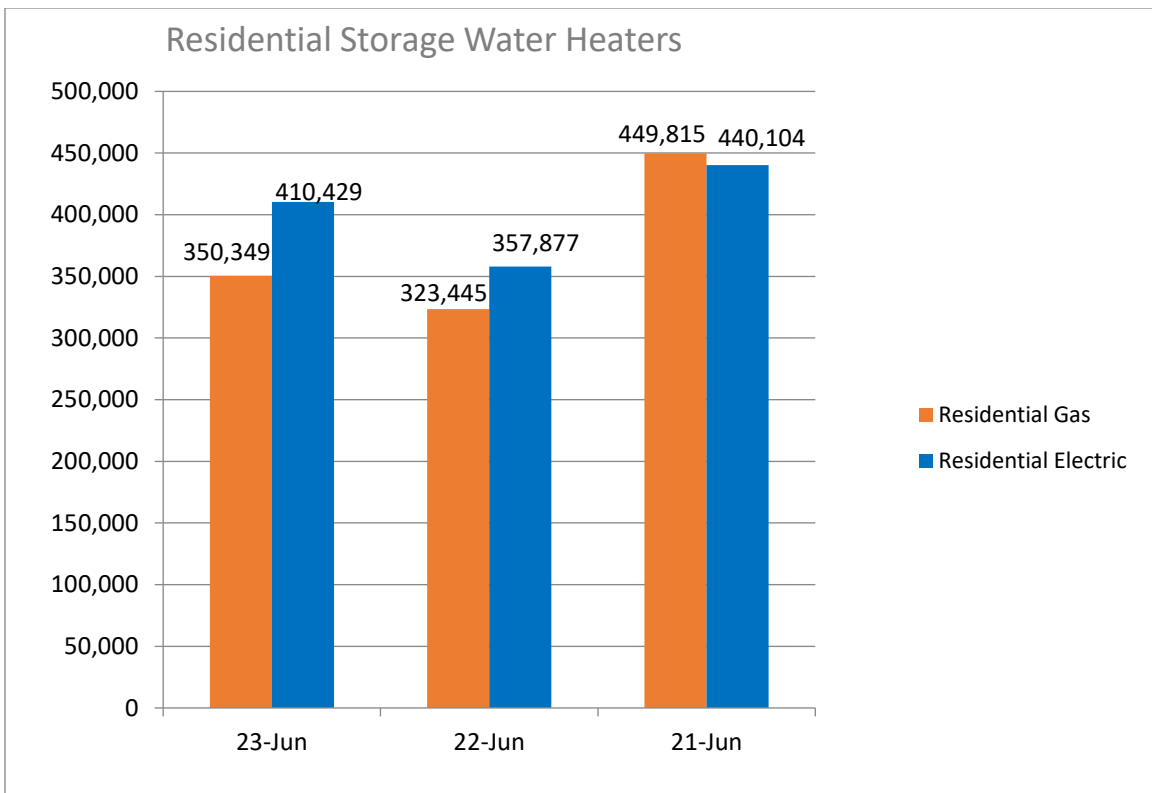
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for June 2023 increased 8.3 percent, to 350,349 units, up from 323,445 units shipped in June 2022. Residential electric storage water heater shipments increased 14.7 percent in June 2023 to 410,429 units, up from 357,877 units shipped in June 2022.

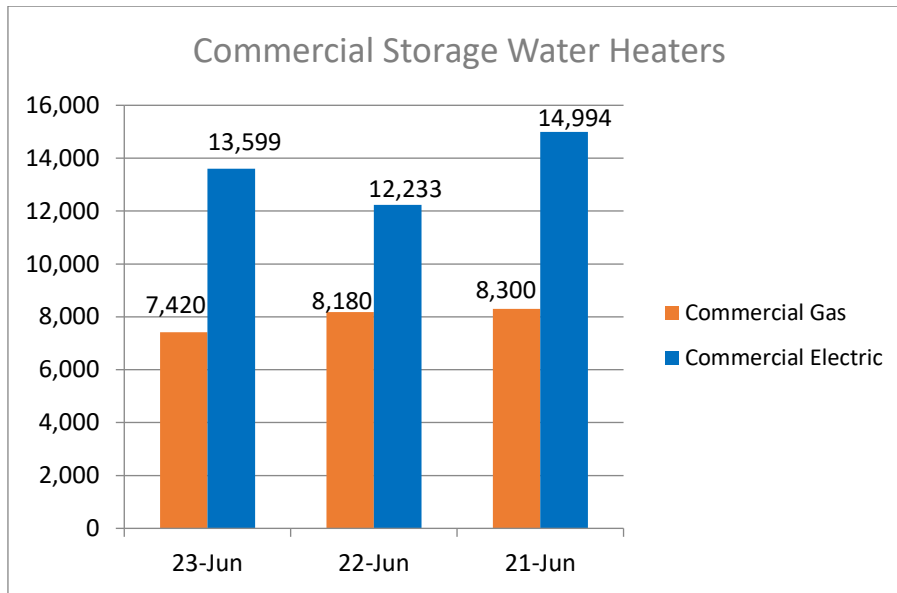


Year-to-date U.S. shipments of residential gas storage water heaters decreased 0.1 percent, to 2,229,320 compared to 2,232,521 shipped during that same period in 2022. Residential electric storage water heater shipments increased 1.8 percent year-to-date, to 2,494,677 units, compared to 2,450,936 shipped during the same period in 2022.

Year-to-Date	Jun 23 YTD	Jun 22 YTD	%CHG. (From 2022-2023)	Jun 21 YTD
Residential Storage Gas	2,229,320	2,232,521	-0.1	2,471,772
Residential Storage Electric	2,494,677	2,450,936	+1.8	2,445,529

Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 9.3 percent in June 2023, to 7,420 units, down from 8,180 units shipped in June 2022. Commercial electric storage water heater shipments increased 11.2 percent in June 2023, to 13,599 units, up from 12,233 units shipped in June 2022.

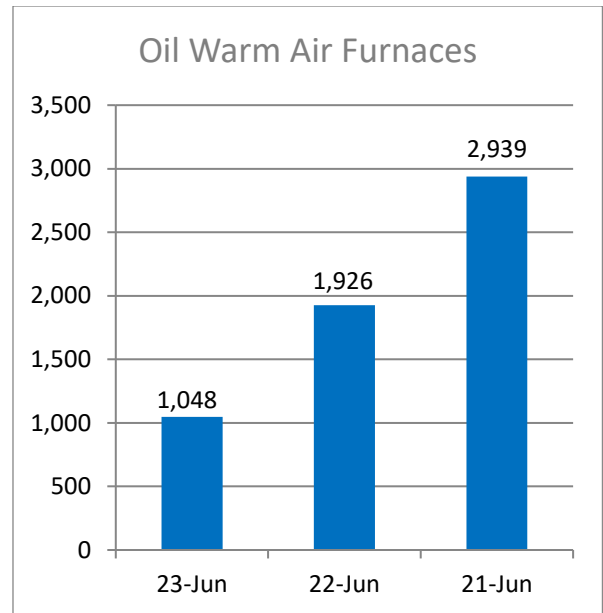
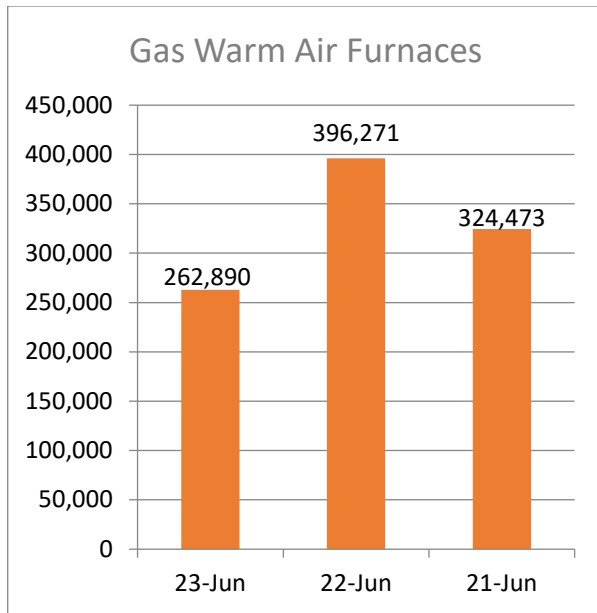


Year-to-date U.S. shipments of commercial gas storage water heaters increased 5.2 percent, to 45,748 units, compared with 43,502 units shipped during the same period in 2022. Year-to-date commercial electric storage water heater shipments increased 30 percent, to 75,063 units, up from 57,758 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Jun 23 YTD	Jun 22 YTD	%CHG. (From 2022-2023)	Jun 21 YTD
Commercial Storage Gas	45,748	43,502	+5.2	46,549
Commercial Storage Electric	75,063	57,758	+30.0	76,011

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for June 2023 decreased 33.7 percent, to 262,890 units, down from 396,271 units shipped in June 2022. Oil warm air furnace shipments decreased 45.6 percent, to 1,048 units in June 2023, down from 1,926 units shipped in June 2022.

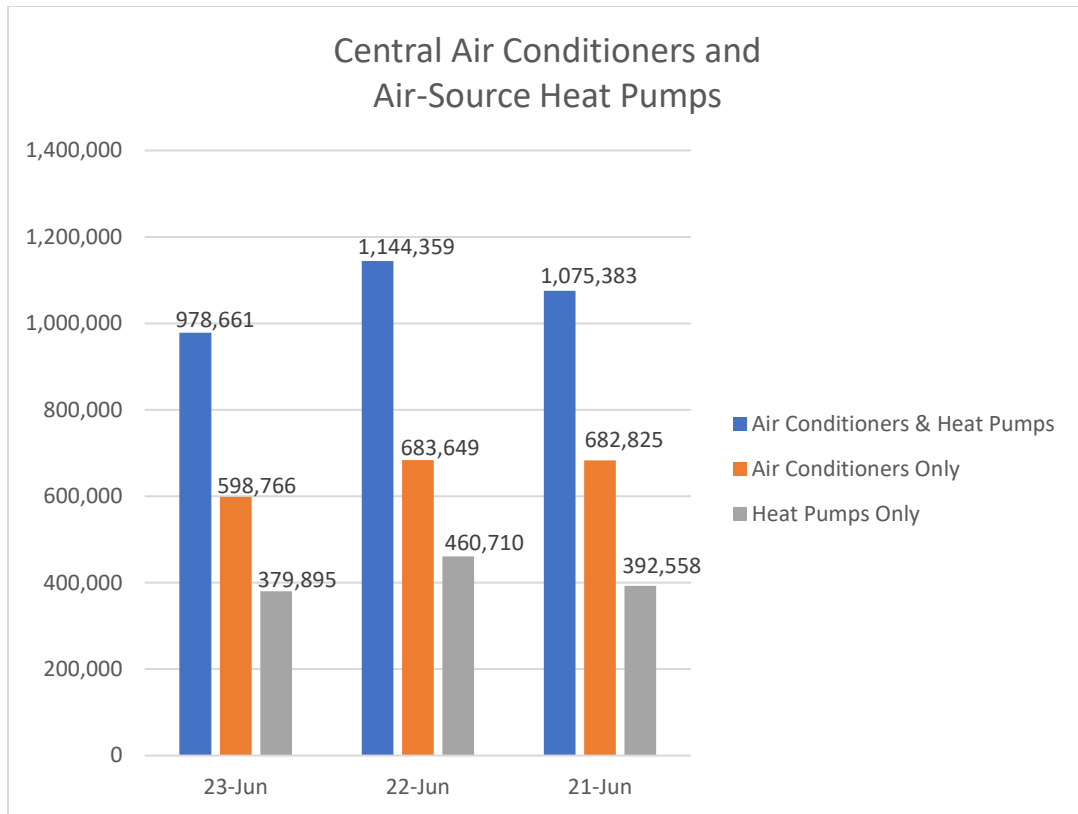


Year-to-date U.S. shipments of gas warm air furnaces decreased 24.3 percent, to 1,517,798 units, compared with 2,004,958 units shipped during the same period in 2022. Year-to-date U.S. shipments of oil warm air furnaces decreased 41.7 percent, to 7,907 units, compared with 13,555 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Jun 23 YTD	Jun 22 YTD	%CHG. (From 2022-2023)	Jun 21 YTD
Gas Warm Air Furnaces	1,517,798	2,004,958	-24.3	2,036,226
Oil Warm Air Furnaces	7,907	13,555	-41.7	16,342

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 978,661 units in June 2023, down 14.5 percent from 1,144,359 units shipped in June 2022. U.S. shipments of air conditioners decreased 12.4 percent, to 598,766 units, down from 683,649 units shipped in June 2022. U.S. shipments of air-source heat pumps decreased 17.5 percent, to 379,895 units, down from 460,710 units shipped in June 2022.



Year-to-date combined shipments of central air conditioners and air-source heat pumps decreased 14.6 percent, to 4,735,684 units, down from 5,542,560 units shipped during the same period in 2022. Year-to-date shipments of central air conditioners decreased 18.7 percent, to 2,712,457 units, down from 3,338,316 units shipped during the same period in 2022. The year-to-date total for heat pump shipments decreased 8.2 percent, to 2,023,227, down from 2,204,244 units shipped during the same period in 2022.

<i>Year-to-Date</i>				
	Jun 23 YTD	Jun 22 YTD	%CHG. (From 2022-2023)	Jun 21 YTD
Air Conditioners & Heat Pumps Combined Total	4,735,684	5,542,560	-14.6	5,330,426
Air Conditioners Only	2,712,457	3,338,316	-18.7	3,276,376
Heat Pumps Only	2,023,227	2,204,244	-8.2	2,054,050

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

Size Description (000) BTUH	Month		
	2023 Total	% Change from 2022	2021 Total
Under 16.5	37,357	-32.1	49,637
16.5-21.9	113,267	+5.8	89,435
22-26.9	189,687	-15.6	226,400
27-32.9	149,577	-14.8	180,149
33-38.9	196,203	-18.9	228,949
39-43.9	75,971	-12.9	74,615
44-53.9	106,873	-15.6	111,388
54-64.9	81,749	-18.3	83,460
65-96.9	9,996	+10.5	11,032
97-134.9	8,356	+7.3	8,544
135-184.9	5,078	+15.3	5,879
185-249.9	1,842	-9.4	2,413
250-319.9	1,479	-4.5	2,072
320-379.9	321	+0.6	413
380-539.9	380	+26.7	371
540-639.9	220	-23.9	241
640-799.9	114	+14.0	130
800.0-899.9	46	-39.5	43
900.0-999.9	43	-21.8	58
1,000.0-1,199.9	38	+52.0	47
1,200.0 & Over	64	-15.8	107
TOTAL	978,661	-14.5	1,075,383

Size Description (000) BTUH	YTD		
	2023 Total	% Change from 2022	2021 Total
Under 16.5	176,283	-22.8	249,723
16.5-21.9	531,274	+12.6	489,793
22-26.9	935,151	-15.1	1,074,708
27-32.9	729,781	-16.3	852,174
33-38.9	940,328	-20.8	1,134,487
39-43.9	320,356	-23.5	397,206
44-53.9	502,064	-17.8	572,354
54-64.9	403,781	-13.0	420,088
65-96.9	52,403	+10.3	50,813
97-134.9	38,303	+1.9	38,410
135-184.9	24,134	+5.0	23,720
185-249.9	8,690	-17.5	10,459
250-319.9	6,700	-23.8	9,521
320-379.9	1,496	-8.6	1,883
380-539.9	1,753	+3.8	1,827
540-639.9	1,347	-11.9	1,249
640 & Over	569	-6.4	663
800.0-899.9	292	-12.0	248
900.0-999.9	328	-11.1	375
1,000.0-1,199.9	198	-2.5	187
1,200.0 & Over	453	-14.5	538
TOTAL	4,735,684	-14.6	5,330,426

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.

[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.