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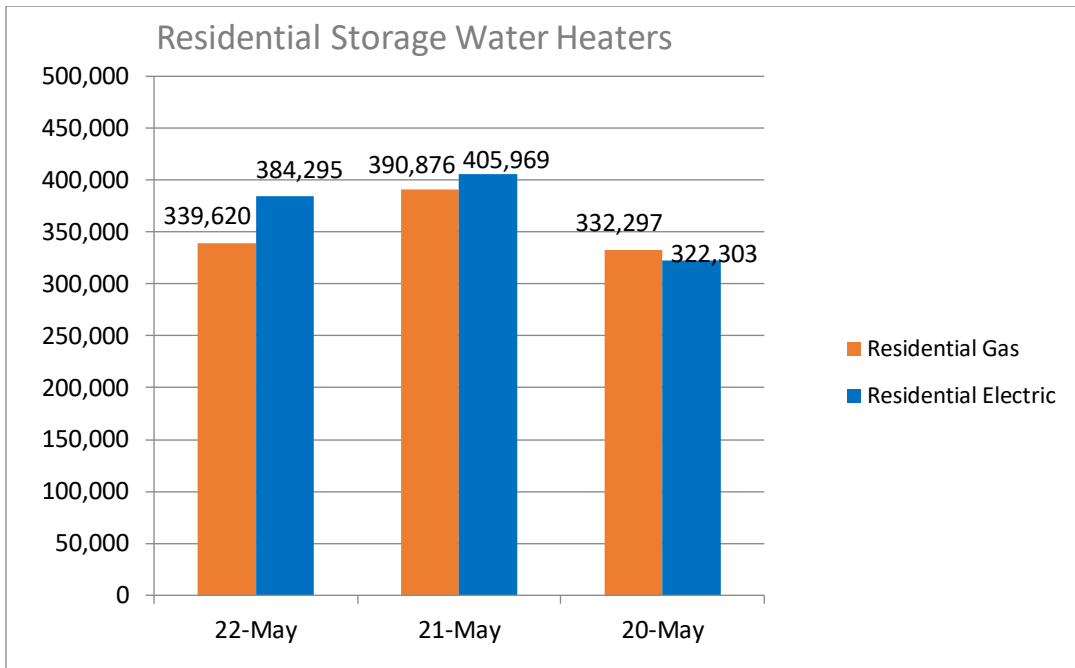
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

AHRI Releases May 2022 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for May 2022 decreased 13.1 percent, to 339,620 units, down from 390,876 units shipped in May 2021. Residential electric storage water heater shipments decreased 5.3 percent in May 2022 to 322,303 units, down from 405,969 units shipped in May 2021.

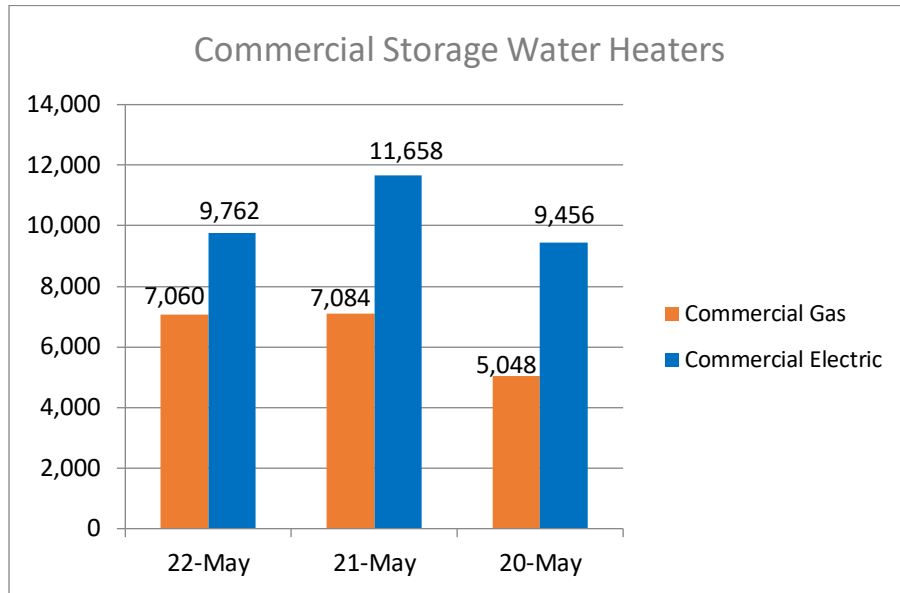


Year-to-date U.S. shipments of residential gas storage water heaters decreased 5.6 percent, to 1,909,076 compared to 2,021,957 shipped during that same period in 2021. Residential electric storage water heater shipments increased 4.4 percent year-to-date, to 2,093,059 units, compared to 2,005,425 shipped during the same period in 2021.

Year-to-Date	May 22 YTD	May 21 YTD	%CHG. (From 2021-2022)	May 20 YTD
Residential Storage Gas	1,909,076	2,021,957	-5.6	1,806,054
Residential Storage Electric	2,093,059	2,005,425	+4.4	1,811,799

Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 0.3 percent in May 2022, to 7,060 units, down from 7,084 units shipped in May 2021. Commercial electric storage water heater shipments decreased 16.3 percent in May 2022, to 9,762 units, down from 11,658 units shipped in May 2021.

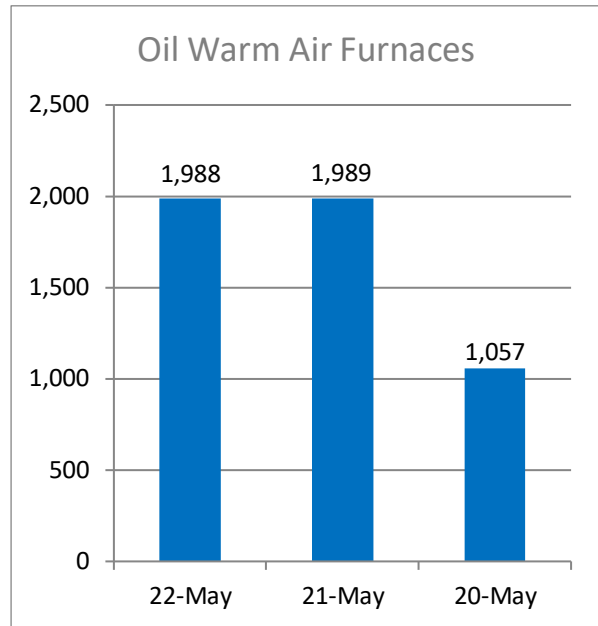
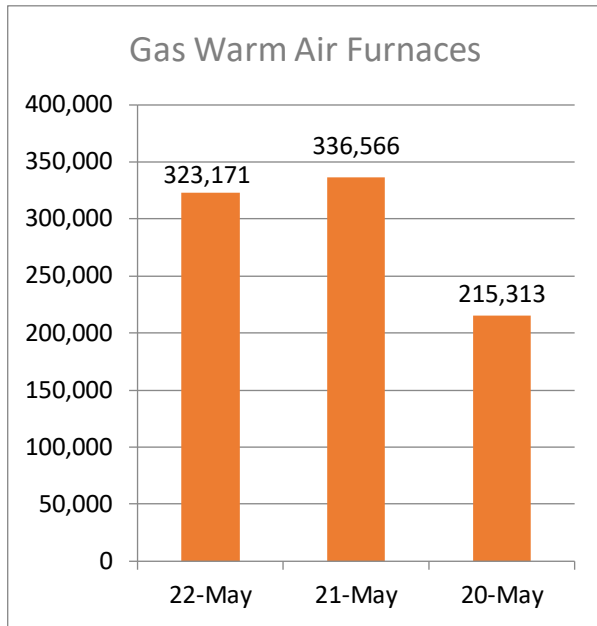


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 7.7 percent, to 35,322 units, compared with 38,249 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 25.4 percent, to 45,525 units, down from 61,017 units shipped during the same period in 2021.

<i>Year-to-Date</i>	May 22 YTD	May 21 YTD	%CHG. (From 2021-2022)	May 20 YTD
Commercial Storage Gas	35,322	38,249	-7.7	33,751
Commercial Storage Electric	45,525	61,017	-25.4	58,709

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for May 2022 decreased 4.0 percent, to 323,171 units, down from 336,566 units shipped in May 2021. Oil warm air furnace shipments decreased 0.1 percent, to 1,988 units in May 2022, down from 1,989 units shipped in May 2021.

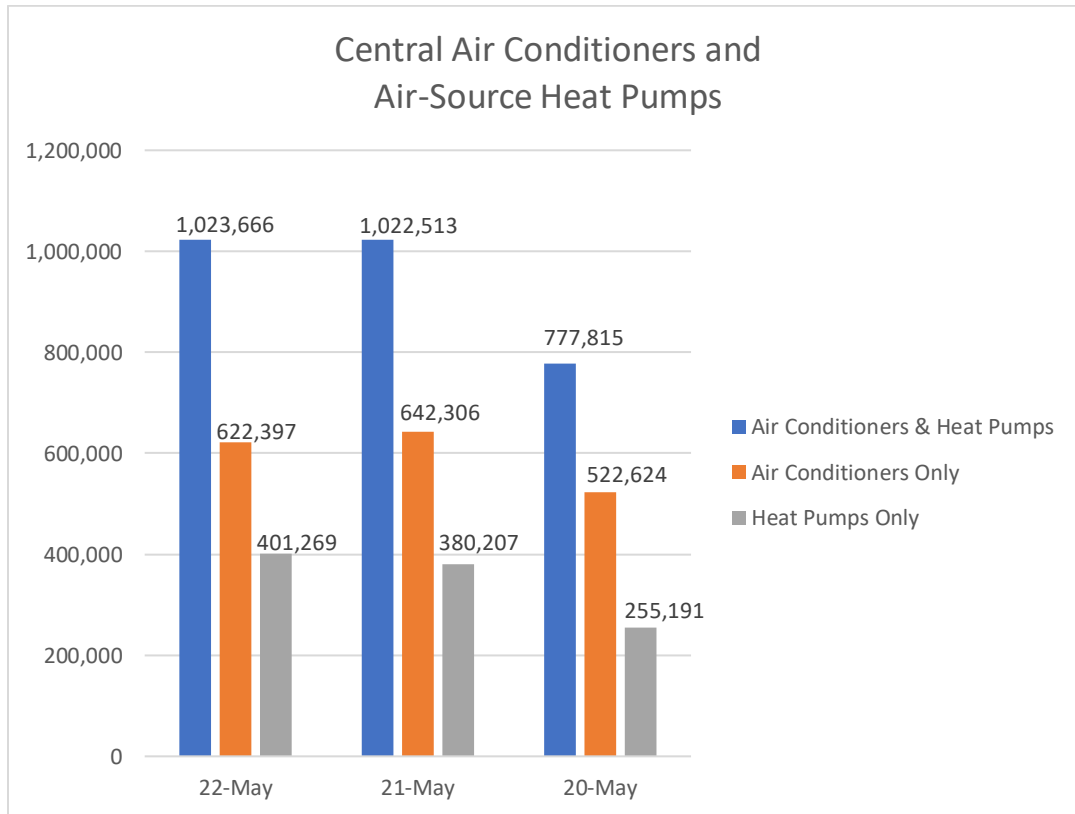


Year-to-date U.S. shipments of gas warm air furnaces decreased 6.0 percent, to 1,608,687 units, compared with 1,711,753 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 13.2 percent, to 11,629 units, compared with 13,403 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	May 22 YTD	May 21 YTD	%CHG. (From 2021-2022)	May 20 YTD
Gas Warm Air Furnaces	1,608,687	1,711,753	-6.0	1,047,046
Oil Warm Air Furnaces	11,629	13,403	-13.2	8,754

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 1,023,666 units in May 2022, up 0.1 percent from 1,022,513 units shipped in May 2021. U.S. shipments of air conditioners decreased 3.1 percent, to 622,397 units, down from 642,306 units shipped in May 2021. U.S. shipments of air-source heat pumps increased 5.5 percent, to 401,269 units, up from 380,207 units shipped in May 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 3.4 percent, to 4,398,201 units, up from 4,255,043 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners increased 2.4 percent, to 2,654,667 units, up from 2,593,551 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 4.9 percent, to 1,743,534, up from 1,661,492 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	May 22 YTD	May 21 YTD	%CHG. (From 2021-2022)	May 20 YTD
Air Conditioners & Heat Pumps Combined Total	4,398,201	4,255,043	+3.4	3,362,822
Air Conditioners Only	2,654,667	2,593,551	+2.4	2,101,664
Heat Pumps Only	1,743,534	1,661,492	+4.9	1,261,158

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

Month			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	36,969	-24.0	28,480
16.5-21.9	89,013	-1.3	74,499
22-26.9	211,638	+3.5	157,977
27-32.9	161,429	-5.6	121,307
33-38.9	230,018	+4.6	165,627
39-43.9	78,193	+0.8	58,582
44-53.9	113,593	+6.2	88,388
54-64.9	80,004	+2.3	64,825
65-96.9	8,514	-7.7	5,742
97-134.9	6,126	-17.8	4,727
135-184.9	3,558	-17.4	3,505
185-249.9	1,883	-3.6	1,602
250-319.9	1,558	-6.7	1,122
320-379.9	295	+3.5	396
380-539.9	286	-15.9	317
540-639.9	289	+21.4	272
640-799.9	98	-10.1	118
800.0-899.9	49	+22.5	96
900.0-999.9	54	+14.9	60
1,000.0-1,199.9	31	+19.2	68
1,200.0 & Over	68	-21.8	105
TOTAL	1,023,666	+0.1	777,815

YTD			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	173,440	-13.3	129,991
16.5-21.9	418,116	+4.4	325,232
22-26.9	876,623	+3.3	674,358
27-32.9	696,099	+3.6	530,618
33-38.9	945,902	+4.5	710,900
39-43.9	331,671	+2.8	252,284
44-53.9	483,964	+5.0	369,664
54-64.9	364,138	+8.2	272,993
65-96.9	38,479	-3.3	34,096
97-134.9	29,795	-0.2	24,878
135-184.9	18,580	+4.1	17,331
185-249.9	8,499	+5.6	7,830
250-319.9	7,239	-2.8	6,130
320-379.9	1,317	-10.4	1,518
380-539.9	1,389	-4.6	1,569
540-639.9	1,240	+23.0	1,341
640 & Over	508	-4.7	563
800.0-899.9	256	+24.9	383
900.0-999.9	314	-0.9	412
1,000.0-1,199.9	178	+27.1	262
1,200.0 & Over	454	+5.3	469
TOTAL	4,398,201	+3.4	3,362,822

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. Can I purchase additional industry data from AHRI?

No, AHRI Statistics data are not for sale.

6. 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.

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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.