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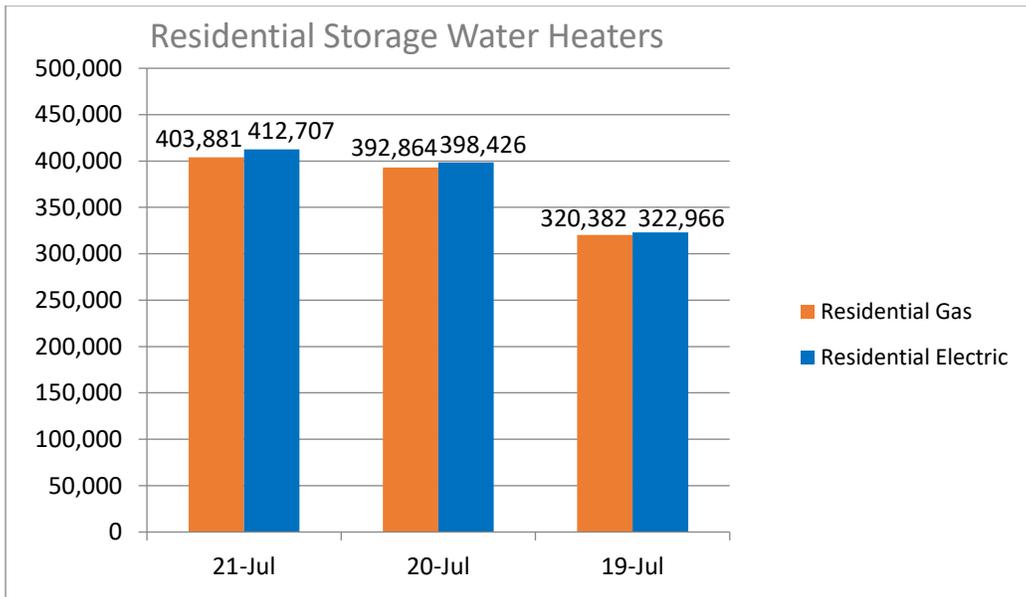
September 10, 2021
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*Public data is available in Excel format [here](#).
 Please see our FAQs [here](#).*

AHRI Releases July 2021 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for July 2021 increased 2.8 percent, to 403,881 units, up from 392,864 units shipped in July 2020. Residential electric storage water heater shipments increased 3.6 percent in July 2021 to 412,707 units, up from 398,426 units shipped in July 2020.

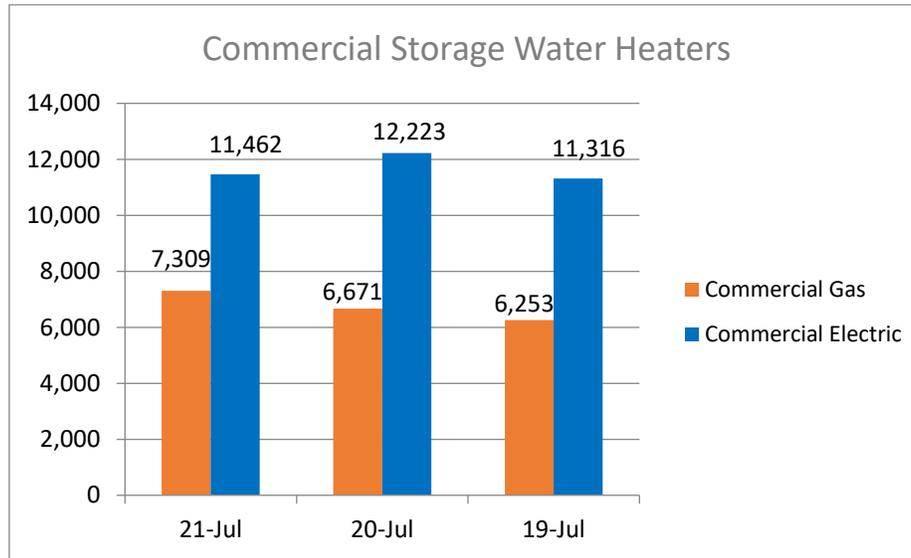


Year-to-date U.S. shipments of residential gas storage water heaters increased 10.2 percent, to 2,875,653 compared to 2,610,644 shipped during that same period in 2020. Residential electric storage water heater shipments increased 8.9 percent year-to-date, to 2,858,236 units, compared to 2,624,694 shipped during the same period in 2020.

<i>Year-to-Date</i>	Jul 21 YTD	Jul 20 YTD	%CHG. (From 2020-2021)	Jul 19 YTD
Residential Storage Gas	2,875,653	2,610,644	+10.2	2,572,748
Residential Storage Electric	2,858,236	2,624,694	+8.9	2,443,772

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 9.6 percent in July 2021, to 7,309 units, up from 6,671 units shipped in July 2020. Commercial electric storage water heater shipments decreased 6.2 percent in July 2021, to 11,462 units, down from 12,223 units shipped in July 2020.

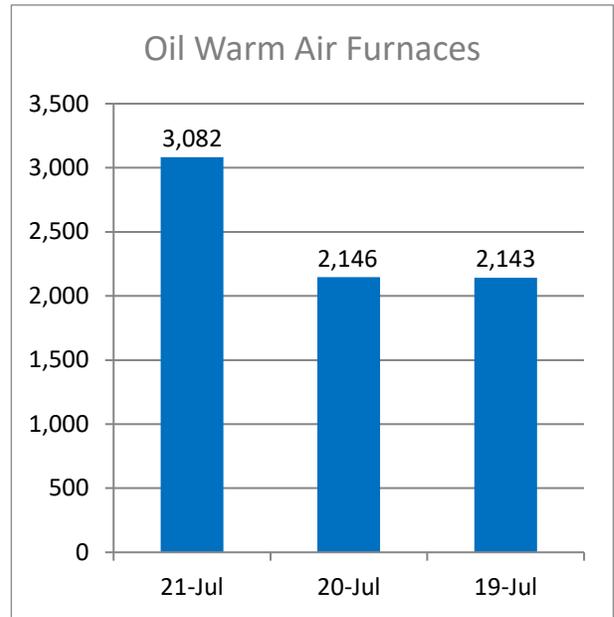
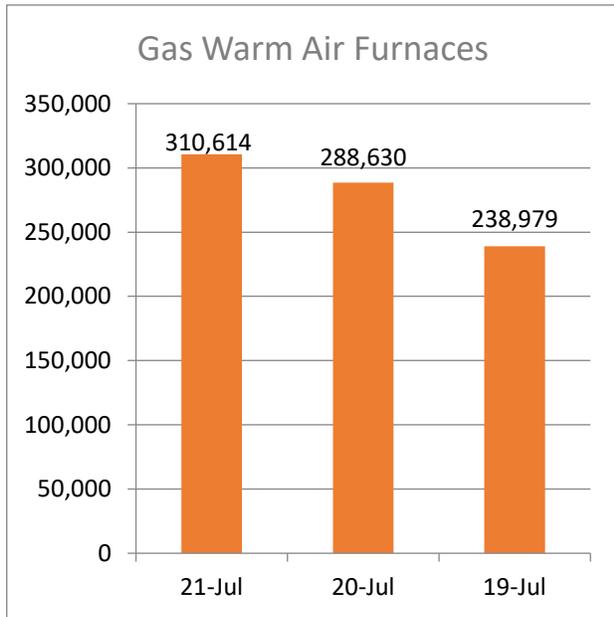


Year-to-date U.S. shipments of commercial gas storage water heaters increased 15.7 percent, to 53,858 units, compared with 46,538 units shipped during the same period in 2020. Year-to-date commercial electric storage water heater shipments increased 6.4 percent, to 87,473 units, up from 82,218 units shipped during the same period in 2020.

<i>Year-to-Date</i>				
	Jul 21 YTD	Jul 20 YTD	%CHG. (From 2020-2021)	Jul 19 YTD
Commercial Storage Gas	53,858	46,538	+15.7	52,464
Commercial Storage Electric	87,473	82,218	+6.4	89,144

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for July 2021 increased 7.6 percent, to 310,614 units, up from 288,630 units shipped in June 2020. Oil warm air furnace shipments increased 43.6 percent, to 3,082 units in July 2021, up from 2,146 units shipped in July 2020.

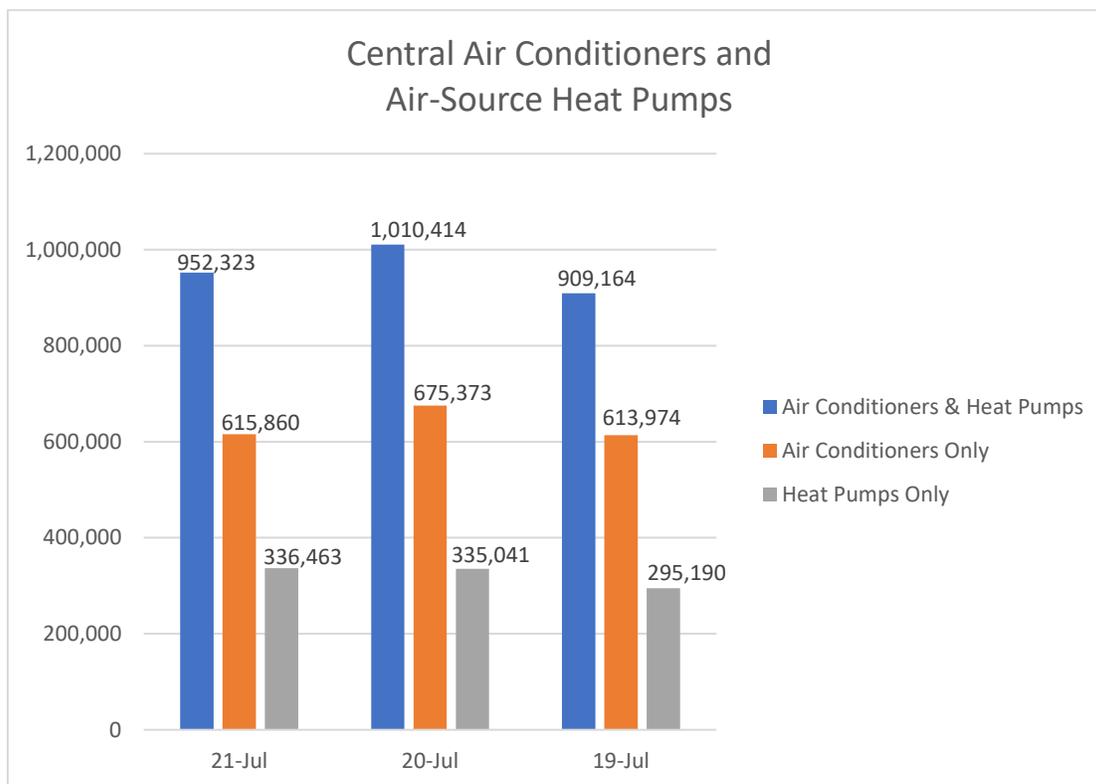


Year-to-date U.S. shipments of gas warm air furnaces increased 41.6 percent, to 2,346,840 units, compared with 1,657,185 units shipped during the same period in 2020. Year-to-date U.S. shipments of oil warm air furnaces increased 48.5 percent, to 19,424 units, compared with 13,080 units shipped during the same period in 2020.

<i>Year-to-Date</i>				
	Jul 21 YTD	Jul 20 YTD	%CHG. (From 2020-2021)	Jul 19 YTD
Gas Warm Air Furnaces	2,346,840	1,657,185	+41.6	1,985,967
Oil Warm Air Furnaces	19,424	13,080	+48.5	18,956

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 952,323 units in July 2021, down 5.7 percent from 1,010,414 units shipped in July 2020. U.S. shipments of air conditioners decreased 8.8 percent, to 615,860 units, down from 675,373 units shipped in July 2020. U.S. shipments of air-source heat pumps increased 0.4 percent, to 336,463 units, up from 335,041 units shipped in July 2020.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 14.5 percent, to 6,282,749 units, up from 5,486,285 units shipped during the same period in 2020. Year-to-date shipments of central air conditioners increased 10.2 percent, to 3,892,236 units, up from 3,531,470 units shipped during the same period in 2020. The year-to-date total for heat pump shipments increased 22.3 percent, to 2,390,513, up from 1,954,815 units shipped during the same period in 2020.

<i>Year-to-Date</i>				
	Jul 21 YTD	Jul 20 YTD	%CHG. (From 2020-2021)	Jul 19 YTD
Air Conditioners & Heat Pumps Combined Total	6,282,749	5,486,285	+14.5	5,590,819
Air Conditioners Only	3,892,236	3,531,470	+10.2	3,592,762
Heat Pumps Only	2,390,513	1,954,815	+22.3	1,998,057

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

Month				YTD			
Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total	Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	45,382	+37.9	31,206	Under 16.5	295,105	+49.3	190,695
16.5-21.9	82,258	+0.9	67,677	16.5-21.9	572,051	+14.2	474,558
22-26.9	186,714	-7.0	174,720	22-26.9	1,261,422	+15.4	1,099,329
27-32.9	153,391	-9.0	143,046	27-32.9	1,005,565	+12.9	900,101
33-38.9	208,312	-7.5	196,387	33-38.9	1,342,799	+13.4	1,201,309
39-43.9	71,712	-10.1	71,088	39-43.9	468,918	+12.1	432,843
44-53.9	100,686	-7.5	106,652	44-53.9	673,040	+11.4	624,714
54-64.9	78,110	-7.5	85,529	54-64.9	498,198	+11.4	483,747
65-96.9	8,971	-13.1	11,743	65-96.9	59,784	+12.3	65,566
97-134.9	7,210	-3.8	9,137	97-134.9	45,620	+16.6	50,316
135-184.9	4,689	-7.7	6,148	135-184.9	28,409	+5.4	33,264
185-249.9	1,934	-8.7	2,690	185-249.9	12,393	+2.6	14,840
250-319.9	1,568	-8.9	1,664	250-319.9	11,089	+15.0	9,645
320-379.9	353	-24.6	388	320-379.9	2,236	-7.1	2,356
380-539.9	370	-13.6	406	380-539.9	2,197	-8.1	2,635
540-639.9	267	-7.9	249	540-639.9	1,516	-20.1	1,908
640-799.9	115	-24.8	123	640 & Over	778	-5.2	911
800.0-899.9	41	-50.0	71	800.0-899.9	289	-45.2	485
900.0-999.9	57	-26.0	79	900.0-999.9	432	-18.9	503
1,000.0-1,199.9	54	+28.6	53	1,000.0-1,199.9	241	-33.1	314
1,200.0 & Over	129	+4.0	108	1,200.0 & Over	667	+0.6	780
TOTAL	952,323	-5.7	909,164	TOTAL	6,282,749	+14.5	5,590,819

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.