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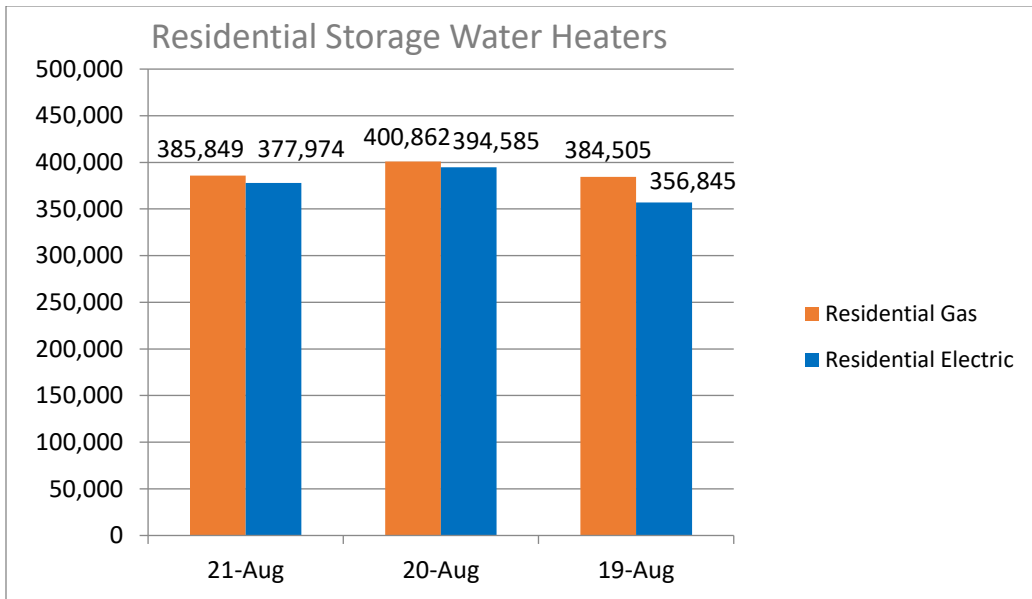
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for August 2021 decreased 3.7 percent, to 385,849 units, down from 400,862 units shipped in August 2020. Residential electric storage water heater shipments decreased 4.2 percent in August 2021 to 377,974 units, down from 394,585 units shipped in August 2020.

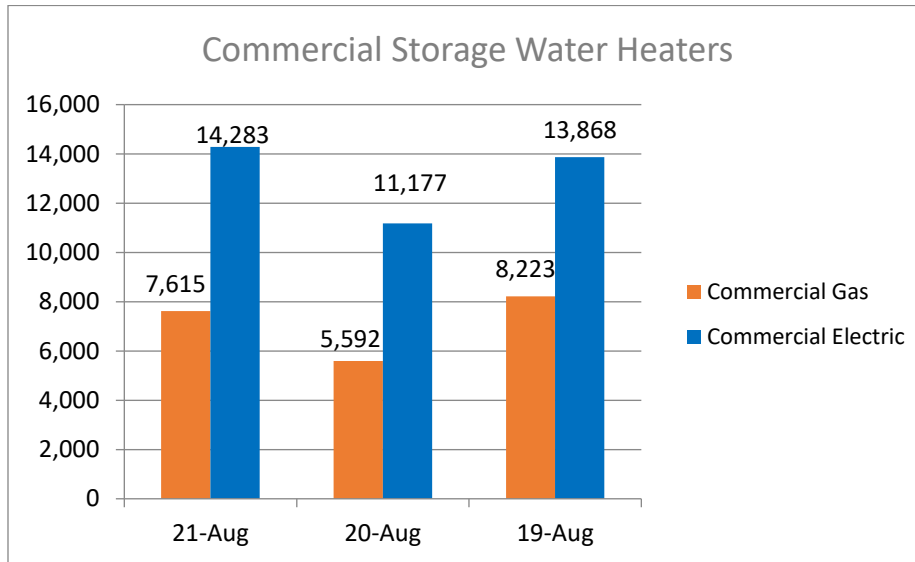


Year-to-date U.S. shipments of residential gas storage water heaters increased 8.3 percent, to 3,261,502 compared to 3,011,506 shipped during that same period in 2020. Residential electric storage water heater shipments increased 7.2 percent year-to-date, to 3,236,210 units, compared to 3,019,279 shipped during the same period in 2020.

Year-to-Date	Aug 21 YTD	Aug 20 YTD	%CHG. (From 2020-2021)	Aug 19 YTD
Residential Storage Gas	3,261,502	3,011,506	+8.3	2,957,253
Residential Storage Electric	3,236,210	3,019,279	+7.2	2,800,617

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 36.2 percent in August 2021, to 7,615 units, up from 5,592 units shipped in August 2020. Commercial electric storage water heater shipments increased 27.8 percent in August 2021, to 14,283 units, up from 11,177 units shipped in August 2020.

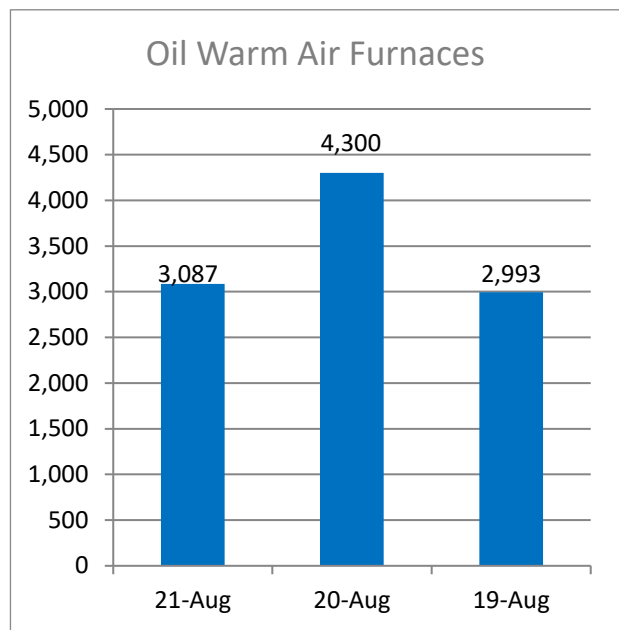
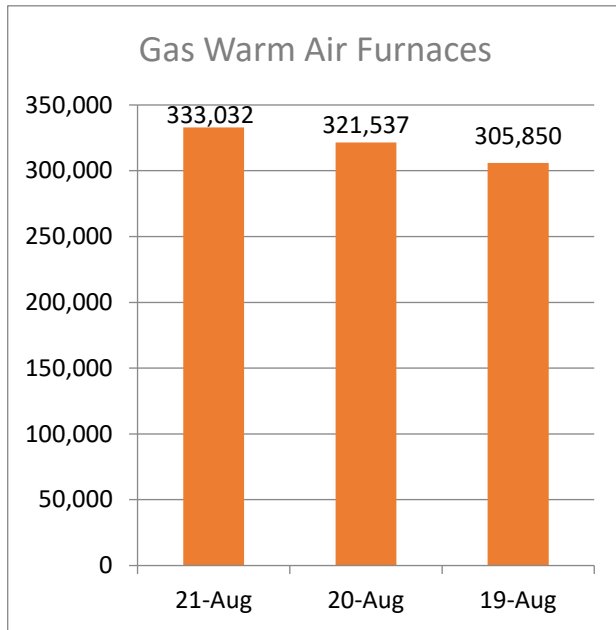


Year-to-date U.S. shipments of commercial gas storage water heaters increased 17.9 percent, to 61,473 units, compared with 52,130 units shipped during the same period in 2020. Year-to-date commercial electric storage water heater shipments increased 9.0 percent, to 101,756 units, up from 93,395 units shipped during the same period in 2020.

Year-to-Date	Aug 21 YTD	Aug 20 YTD	%CHG. (From 2020-2021)	Aug 19 YTD
Commercial Storage Gas	61,473	52,130	+17.9	60,687
Commercial Storage Electric	101,756	93,395	+9.0	103,012

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for August 2021 increased 3.6 percent, to 333,032 units, up from 321,537 units shipped in August 2020. Oil warm air furnace shipments decreased 28.2 percent, to 3,087 units in August 2021, down from 4,300 units shipped in August 2020.

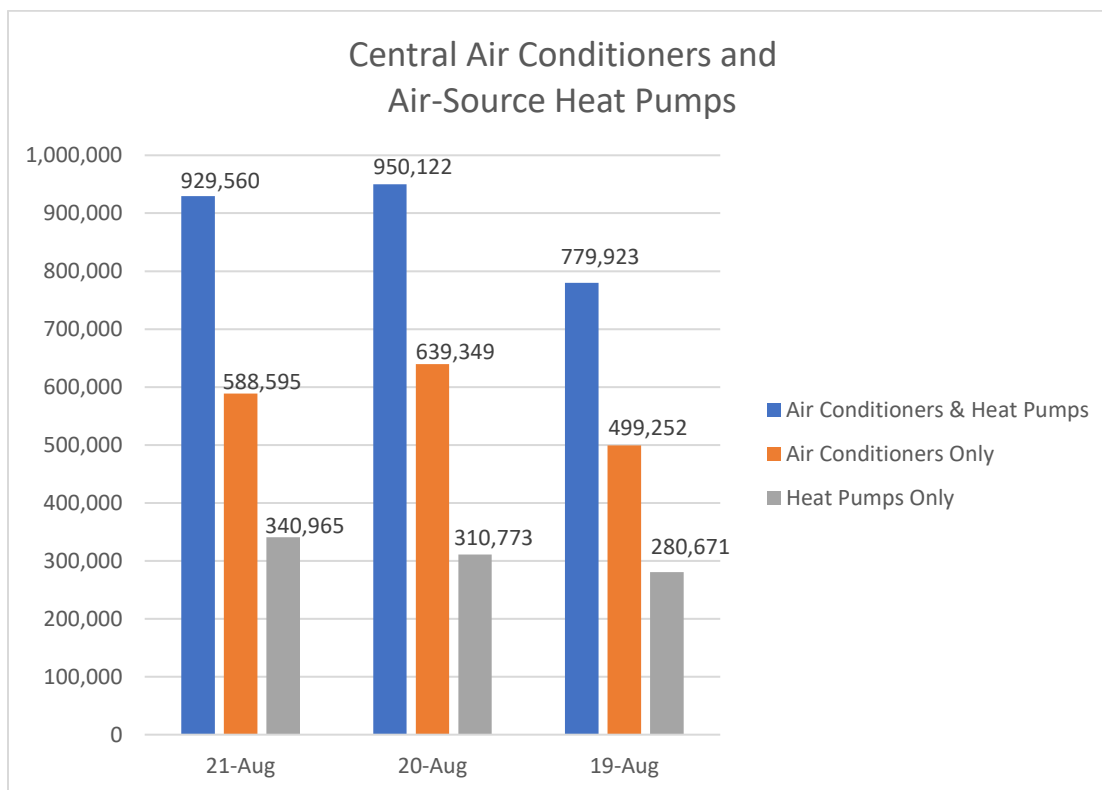


Year-to-date U.S. shipments of gas warm air furnaces increased 35.4 percent, to 2,679,872 units, compared with 1,978,722 units shipped during the same period in 2020. Year-to-date U.S. shipments of oil warm air furnaces increased 29.5 percent, to 22,511 units, compared with 17,380 units shipped during the same period in 2020.

Year-to-Date	Aug 21 YTD	Aug 20 YTD	%CHG. (From 2020-2021)	Aug 19 YTD
Gas Warm Air Furnaces	2,679,872	1,978,722	+35.4	2,291,817
Oil Warm Air Furnaces	22,511	17,380	+29.5	21,949

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 929,560 units in August 2021, down 2.2 percent from 950,122 units shipped in August 2020. U.S. shipments of air conditioners decreased 7.9 percent, to 588,595 units, down from 639,349 units shipped in August 2020. U.S. shipments of air-source heat pumps increased 9.7 percent, to 340,965 units, up from 310,773 units shipped in August 2020.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 12.1 percent, to 7,212,309 units, up from 6,436,407 units shipped during the same period in 2020. Year-to-date shipments of central air conditioners increased 7.4 percent, to 4,480,831 units, up from 4,170,819 units shipped during the same period in 2020. The year-to-date total for heat pump shipments increased 20.6 percent, to 2,731,478, up from 2,265,588 units shipped during the same period in 2020.

Year-to-Date	Aug 21 YTD	Aug 20 YTD	%CHG. (From 2020-2021)	Aug 19 YTD
Air Conditioners & Heat Pumps Combined Total	7,212,309	6,436,407	+12.1	6,370,742
Air Conditioners Only	4,480,831	4,170,819	+7.4	4,092,014
Heat Pumps Only	2,731,478	2,265,588	+20.6	2,278,728

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

Month			
Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	39,452	+12.8	29,739
16.5-21.9	82,387	+9.2	66,243
22-26.9	193,368	+1.6	143,719
27-32.9	149,131	-6.5	120,083
33-38.9	194,943	-6.1	162,910
39-43.9	70,604	-4.4	60,189
44-53.9	97,540	-8.0	88,431
54-64.9	74,792	-2.3	77,609
65-96.9	9,460	+0.5	11,328
97-134.9	7,935	+12.9	8,571
135-184.9	5,274	+20.2	5,716
185-249.9	1,971	-0.4	2,383
250-319.9	1,457	-9.6	1,474
320-379.9	366	+10.2	391
380-539.9	327	-9.4	394
540-639.9	198	-32.9	278
640-799.9	114	-14.3	142
800.0-899.9	50	-5.7	56
900.0-999.9	51	-42.0	57
1,000.0-1,199.9	42	-22.2	52
1,200.0 & Over	98	+27.3	158
TOTAL	929,560	-2.2	779,923

YTD			
Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	334,557	+43.8	220,434
16.5-21.9	654,438	+13.6	540,801
22-26.9	1,454,790	+13.4	1,243,048
27-32.9	1,154,696	+9.9	1,020,184
33-38.9	1,537,742	+10.5	1,364,219
39-43.9	539,522	+9.6	493,032
44-53.9	770,580	+8.5	713,145
54-64.9	572,990	+9.4	561,356
65-96.9	69,244	+10.6	76,894
97-134.9	53,555	+16.0	58,887
135-184.9	33,683	+7.5	38,980
185-249.9	14,364	+2.2	17,223
250-319.9	12,546	+11.5	11,119
320-379.9	2,602	-5.0	2,747
380-539.9	2,524	-8.3	3,029
540-639.9	1,714	-21.8	2,186
640 & Over	892	-6.5	1,053
800.0-899.9	339	-41.6	541
900.0-999.9	483	-22.2	560
1,000.0-1,199.9	283	-31.6	366
1,200.0 & Over	765	+3.4	938
TOTAL	7,212,309	+12.1	6,370,742

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.