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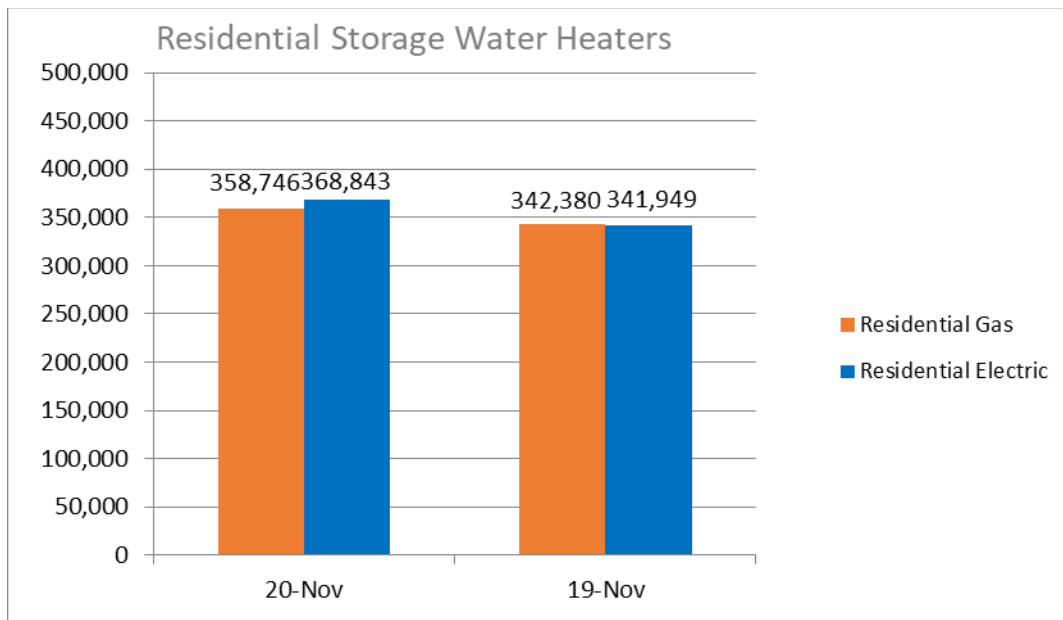
January 14, 2021
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2020 public data is available in Excel format [here](#).
 Please see our FAQs [here](#).

AHRI Releases November 2020 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for November 2020 increased 4.8 percent, to 358,746 units, up from 342,380 units shipped in November 2019. Residential electric storage water heater shipments increased 7.9 percent in November 2020 to 368,843 units, up from 341,949 units shipped in November 2019.

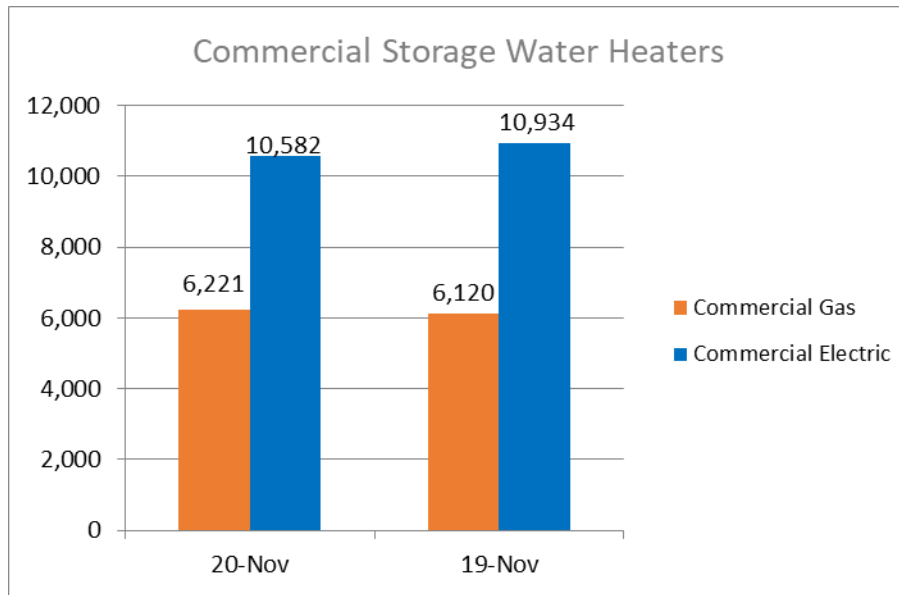


Year-to-date U.S. shipments of residential gas storage water heaters increased 4.8 percent, to 4,162,667 compared to 3,971,353 shipped during that same period in 2019. Residential electric storage water heater shipments increased 10.3 percent year-to-date, to 4,212,512 units, compared to 3,818,316 shipped during the same period in 2019.

<i>Year-to-Date</i>	Nov 20 YTD	Nov 19 YTD	%CHG.
Residential Storage Gas	4,162,667	3,971,353	+4.8
Residential Storage Electric	4,212,512	3,818,316	+10.3

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 1.7 percent in November 2020, to 6,221 units, up from 6,120 units shipped in November 2019. Commercial electric storage water heater shipments decreased 3.2 percent in November 2020, to 10,582 units, down from 10,934 units shipped in November 2019.

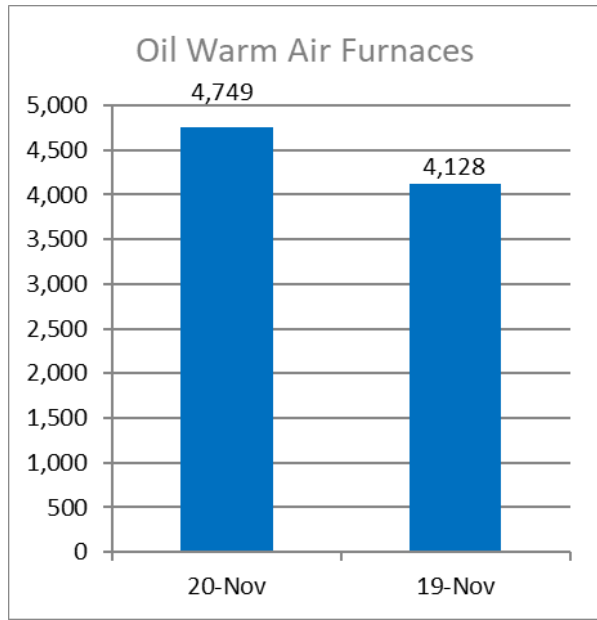
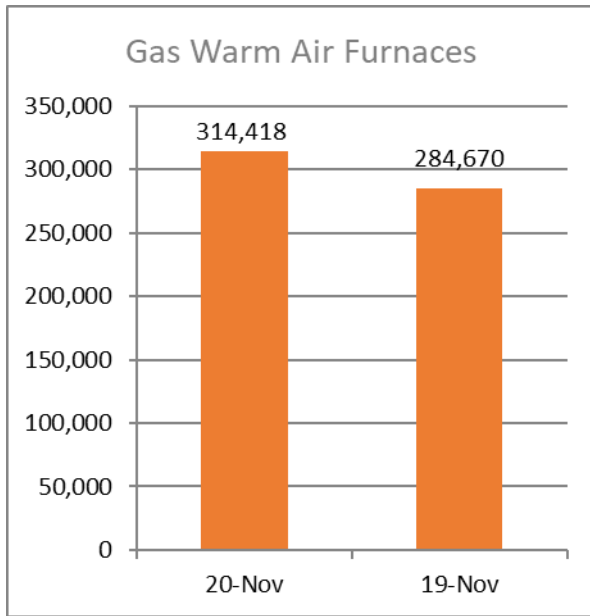


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 11.3 percent, to 72,117 units, compared with 81,276 units shipped during the same period in 2019. Year-to-date commercial electric storage water heater shipments decreased 7.8 percent, to 127,765 units, down from 138,522 units shipped during the same period in 2019.

<i>Year-to-Date</i>			
	Nov 20 YTD	Nov 19 YTD	%CHG.
Commercial Storage Gas	72,117	81,276	-11.3
Commercial Storage Electric	127,765	138,522	-7.8

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for November 2020 increased 10.4 percent, to 314,418 units, up from 284,670 units shipped in November 2019. Oil warm air furnace shipments increased 15 percent, to 4,749 units in November 2020, up from 4,128 units shipped in November 2019.

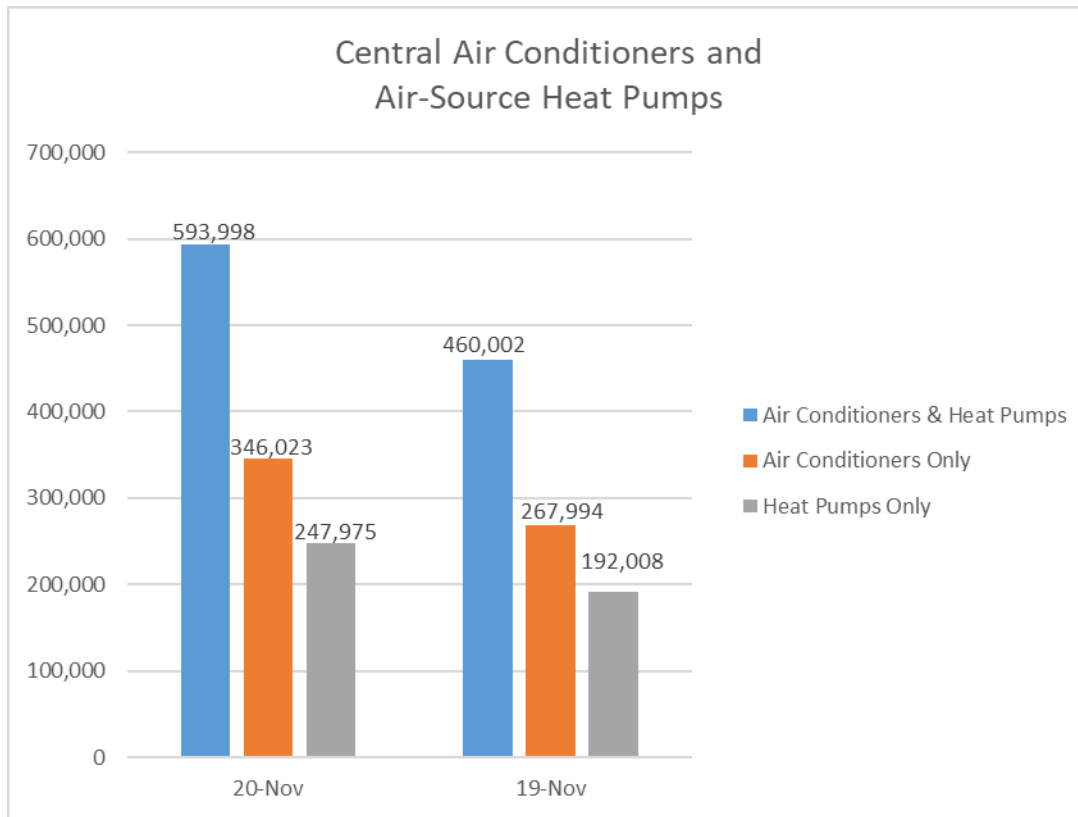


Year-to-date U.S. shipments of gas warm air furnaces decreased 5 percent, to 2,998,085 units, compared with 3,154,273 units shipped during the same period in 2019. Year-to-date U.S. shipments of oil warm air furnaces decreased 10.8 percent, to 31,832 units, compared with 35,669 units shipped during the same period in 2019.

<i>Year-to-Date</i>			
	Nov 20 YTD	Nov 19 YTD	%CHG.
Gas Warm Air Furnaces	2,998,085	3,154,273	-5.0
Oil Warm Air Furnaces	31,832	35,669	-10.8

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 593,998 units in November 2020, up 29.1 percent from 460,002 units shipped in November 2019. U.S. shipments of air conditioners increased 29.1 percent, to 346,023 units, up from 267,994 units shipped in November 2019. U.S. shipments of air-source heat pumps increased 29.1 percent, to 247,975 units, up from 192,008 units shipped in November 2019.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 10.1 percent, to 8,764,619 units, up from 7,960,827 units shipped during the same period in 2019. Year-to-date shipments of central air conditioners increased 10.5 percent, to 5,588,393 units, up from 5,056,087 units shipped during the same period in 2019. The year-to-date total for heat pump shipments increased 9.3 percent, to 3,176,226, up from 2,904,740 units shipped during the same period in 2019.

<i>Year-to-Date</i>			
	Nov 20 YTD	Nov 19 YTD	%CHG.
Air Conditioners & Heat Pumps Combined Total	8,764,619	7,960,827	+10.1
Air Conditioners Only	5,588,393	5,056,087	+10.5
Heat Pumps Only	3,176,226	2,904,740	+9.3

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

Month		
Size Description (000) BTUH	Total	% Change from 2019
Under 16.5	25,574	+9.2
16.5-21.9	59,132	+31.9
22-26.9	110,677	+28.3
27-32.9	82,919	+19.8
33-38.9	121,443	+31.2
39-43.9	45,081	+33.3
44-53.9	71,970	+48.0
54-64.9	57,988	+44.3
65-96.9	6,642	-11.1
97-134.9	5,179	-5.5
135-184.9	3,239	-18.7
185-249.9	1,522	-13.1
250-319.9	1,443	+38.1
320-379.9	290	-27.0
380-539.9	332	+0.9
540-639.9	216	+0.5
640-799.9	112	-26.3
800.0-899.9	38	-51.3
900.0-999.9	67	-1.5
1,000.0-1,199.9	40	+14.3
1,200.0 & Over	94	-18.3
TOTAL	593,998	+29.1

YTD		
Size Description (000) BTUH	Total	% Change from 2019
Under 16.5	332,789	+16.0
16.5-21.9	799,897	+15.9
22-26.9	1,722,166	+12.1
27-32.9	1,401,395	+11.9
33-38.9	1,875,802	+11.2
39-43.9	673,204	+9.7
44-53.9	980,428	+9.7
54-64.9	736,588	+3.1
65-96.9	85,573	-16.0
97-134.9	63,924	-17.9
135-184.9	42,945	-18.4
185-249.9	19,289	-18.3
250-319.9	15,934	+6.6
320-379.9	3,627	-6.2
380-539.9	3,805	-7.1
540-639.9	2,889	-0.1
640 & Over	1,286	-13.9
800.0-899.9	734	-4.6
900.0-999.9	811	+11.7
1,000.0-1,199.9	559	+16.2
1,200.0 & Over	974	-24.9
TOTAL	8,764,619	+10.1

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.