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2311 Wilson Boulevard Suite 400 Arlington VA 22201 USA  
 Phone 703 524 8800 | Fax 703 562 1942  
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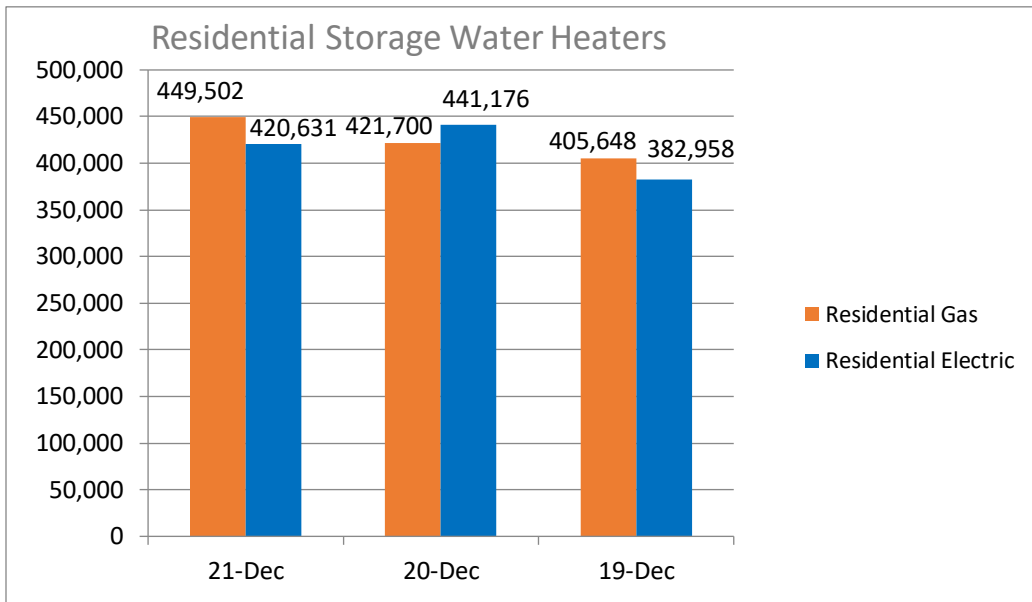
February 11, 2022  
**Contact:** [Adanna Le Gendre](#)  
**Phone:** 703.600.0363

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

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

### Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for December 2021 increased 6.6 percent, to 449,502 units, up from 421,700 units shipped in December 2020. Residential electric storage water heater shipments decreased 4.7 percent in December 2021 to 420,631 units, down from 441,176 units shipped in December 2020.

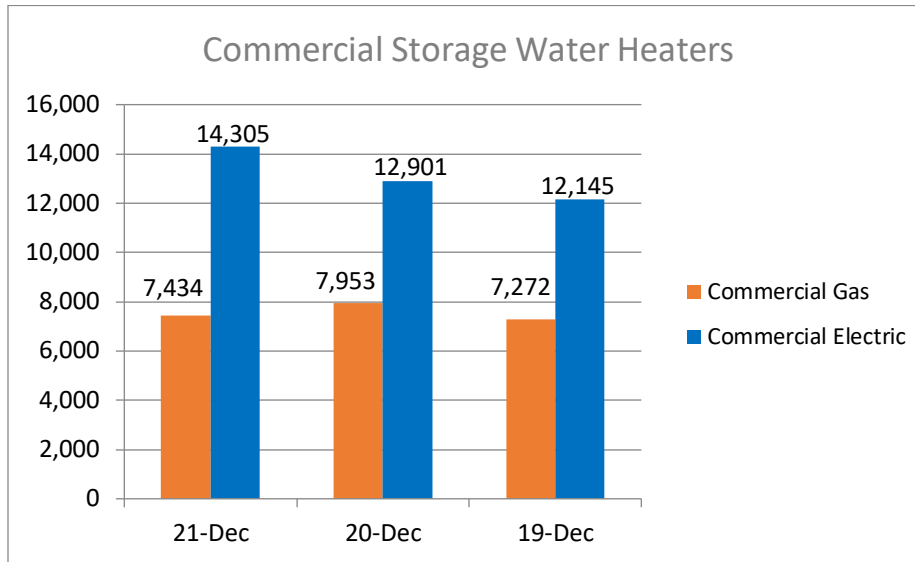


Year-to-date U.S. shipments of residential gas storage water heaters increased 8.3 percent, to 4,967,079 compared to 4,584,367 shipped during that same period in 2020. Residential electric storage water heater shipments increased 4.9 percent year-to-date, to 4,880,746 units, compared to 4,653,688 shipped during the same period in 2020.

<i>Year-to-Date</i>	Dec 21 YTD	Dec 20 YTD	%CHG. (From 2020-2021)	Dec 19 YTD
<b>Residential Storage Gas</b>	4,967,079	4,584,367	+8.3	4,377,001
<b>Residential Storage Electric</b>	4,880,746	4,653,688	+4.9	4,201,274

## Commercial Storage Water Heaters

Commercial gas storage water heater shipments decreased 6.5 percent in December 2021, to 7,434 units, down from 7,953 units shipped in December 2020. Commercial electric storage water heater shipments increased 10.9 percent in December 2021, to 14,305 units, up from 12,901 units shipped in December 2020.

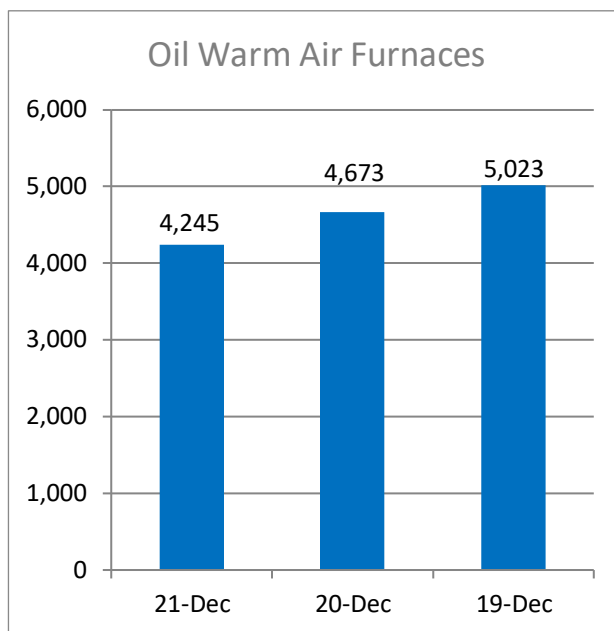
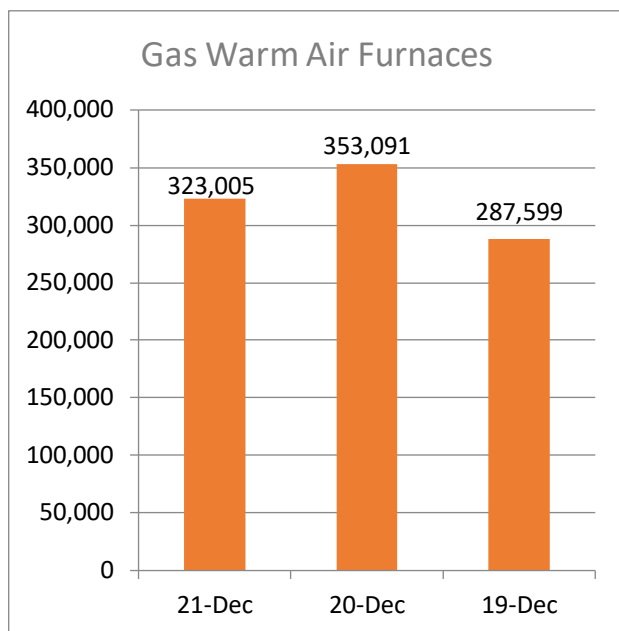


Year-to-date U.S. shipments of commercial gas storage water heaters increased 12.6 percent, to 90,192 units, compared with 80,070 units shipped during the same period in 2020. Year-to-date commercial electric storage water heater shipments increased 9.7 percent, to 154,330 units, up from 140,666 units shipped during the same period in 2020.

Year-to-Date	Dec 21 YTD	Dec 20 YTD	%CHG. (From 2020-2021)	Dec 19 YTD
<b>Commercial Storage Gas</b>	90,192	80,070	+12.6	88,548
<b>Commercial Storage Electric</b>	154,330	140,666	+9.7	150,667

## Warm Air Furnaces

U.S. shipments of gas warm air furnaces for December 2021 decreased 8.5 percent, to 323,005 units, down from 353,091 units shipped in December 2020. Oil warm air furnace shipments decreased 9.2 percent, to 4,245 units in December 2021, down from 4,673 units shipped in December 2020.

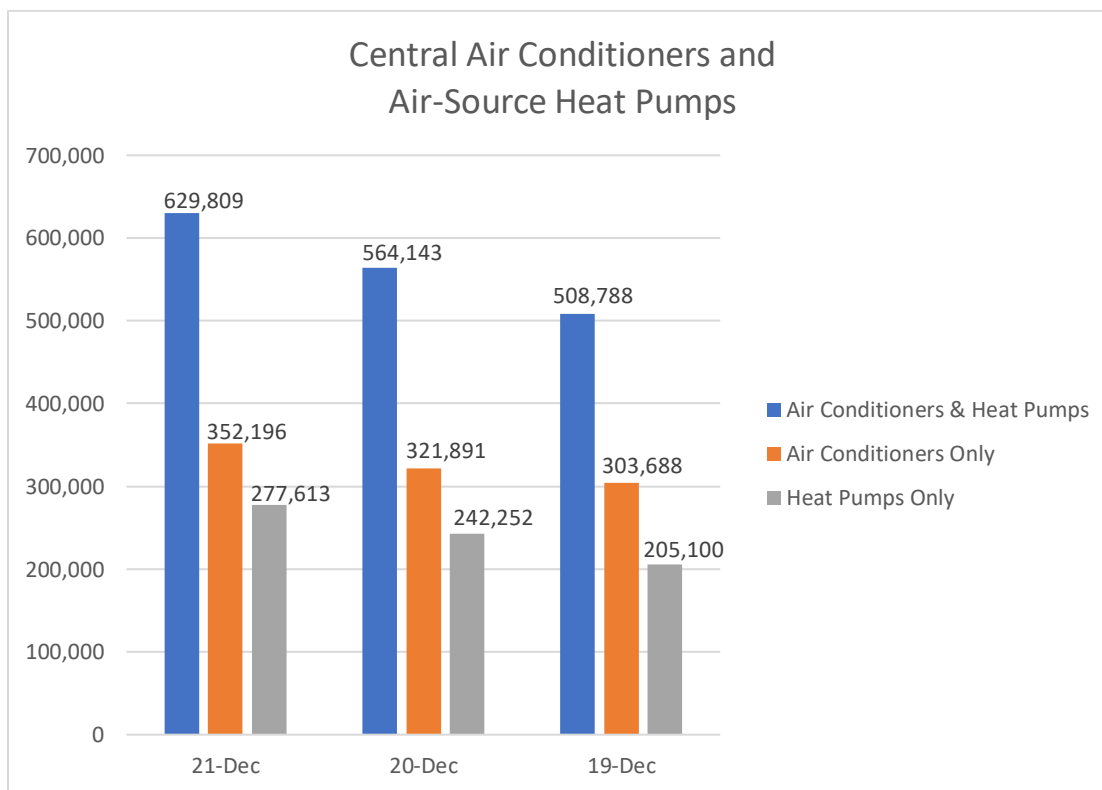


Year-to-date U.S. shipments of gas warm air furnaces increased 19.6 percent, to 4,008,894 units, compared with 3,351,176 units shipped during the same period in 2020. Year-to-date U.S. shipments of oil warm air furnaces increased 8.3 percent, to 39,548 units, compared with 36,505 units shipped during the same period in 2020.

Year-to-Date	Dec 21 YTD	Dec 20 YTD	%CHG. (From 2020-2021)	Dec 19 YTD
<b>Gas Warm Air Furnaces</b>	4,008,894	3,351,176	+19.6	3,441,872
<b>Oil Warm Air Furnaces</b>	39,548	36,505	+8.3	40,692

### Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 629,809 units in December 2021, up 11.6 percent from 564,143 units shipped in December 2020. U.S. shipments of air conditioners increased 9.4 percent, to 352,196 units, up from 321,891 units shipped in December 2020. U.S. shipments of air-source heat pumps increased 14.6 percent, to 277,613 units, up from 242,252 units shipped in December 2020.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 9.3 percent, to 10,199,051 units, up from 9,328,762 units shipped during the same period in 2020. Year-to-date shipments of central air conditioners increased 6.3 percent, to 6,282,285 units, up from 5,910,284 units shipped during the same period in 2020. The year-to-date total for heat pump shipments increased 14.6 percent, to 3,916,766, up from 3,418,478 units shipped during the same period in 2020.

Year-to-Date	Dec 21 YTD	Dec 20 YTD	%CHG. (From 2020-2021)	Dec 19 YTD
<b>Air Conditioners &amp; Heat Pumps Combined Total</b>	10,199,051	9,328,762	+9.3	8,469,615
<b>Air Conditioners Only</b>	6,282,285	5,910,284	+6.3	5,359,775
<b>Heat Pumps Only</b>	3,916,766	3,418,478	+14.6	3,109,840

## 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	31,716	+27.0	16,863
16.5-21.9	65,402	+1.8	49,644
22-26.9	115,014	+5.9	98,940
27-32.9	85,770	+4.2	80,234
33-38.9	127,282	+17.0	106,547
39-43.9	52,434	+19.5	37,751
44-53.9	72,933	+20.9	53,994
54-64.9	56,817	+11.4	42,908
65-96.9	8,176	+13.6	7,738
97-134.9	5,961	+15.7	5,858
135-184.9	3,742	+1.2	4,365
185-249.9	1,700	+14.0	1,513
250-319.9	1,587	+20.0	1,107
320-379.9	329	+24.2	357
380-539.9	316	-6.0	296
540-639.9	247	+10.8	225
640-799.9	118	-3.3	137
800.0-899.9	50	+31.6	72
900.0-999.9	61	+8.9	98
1,000.0-1,199.9	49	+6.5	44
1,200.0 & Over	105	+8.2	97
<b>TOTAL</b>	<b>629,809</b>	<b>+11.6</b>	<b>508,788</b>

### YTD

Size Description (000) BTUH	2021 Total	% Change from 2020	2019 Total
Under 16.5	471,334	+31.7	303,733
16.5-21.9	923,568	+6.9	739,907
22-26.9	2,010,320	+9.8	1,635,292
27-32.9	1,593,104	+7.4	1,332,524
33-38.9	2,176,774	+9.7	1,792,901
39-43.9	774,881	+8.1	651,484
44-53.9	1,109,675	+6.6	948,054
54-64.9	854,472	+8.5	757,301
65-96.9	101,238	+9.1	109,606
97-134.9	79,196	+14.7	83,717
135-184.9	49,948	+7.1	56,986
185-249.9	21,450	+3.2	25,109
250-319.9	18,472	+7.0	16,054
320-379.9	3,979	+2.2	4,222
380-539.9	3,890	-6.1	4,393
540-639.9	2,649	-14.9	3,117
640 & Over	1,336	-5.1	1,631
800.0-899.9	543	-29.7	841
900.0-999.9	723	-16.6	824
1,000.0-1,199.9	431	-28.8	525
1,200.0 & Over	1,068	-0.3	1,394
<b>TOTAL</b>	<b>10,199,051</b>	<b>+9.3</b>	<b>8,469,615</b>

### 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.