

May 13, 2022

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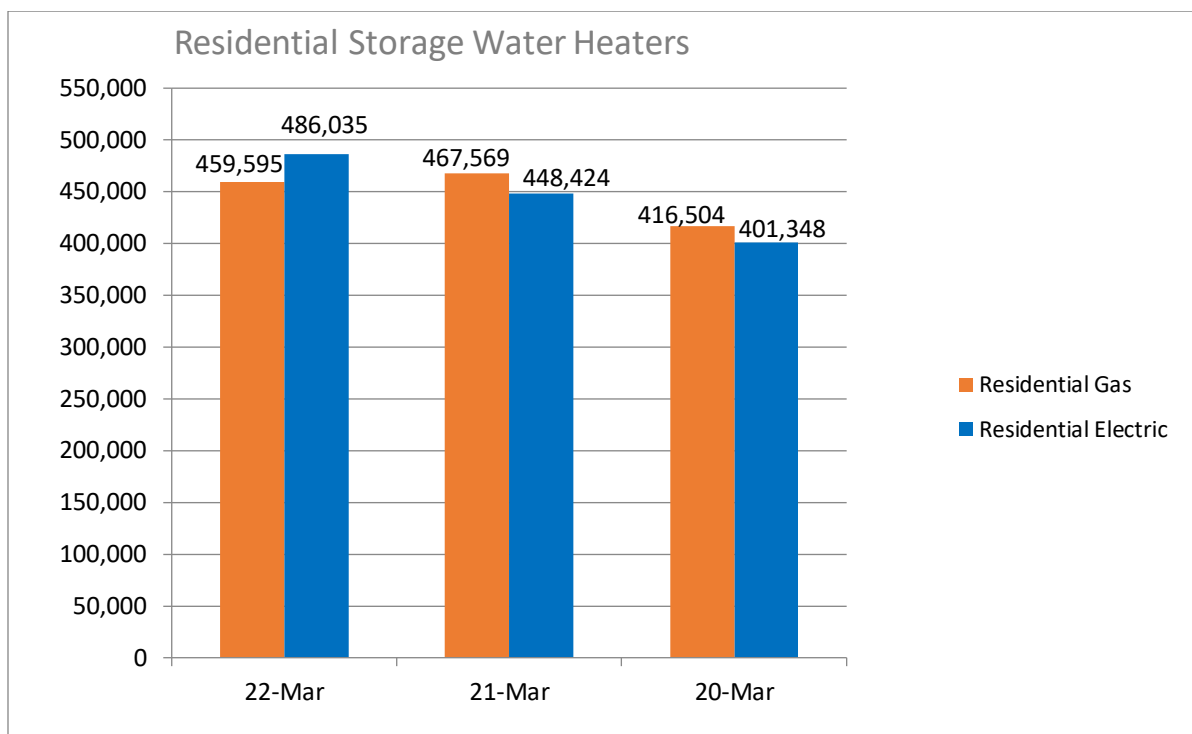
Public data is available in Excel format [here](#).

Please see our FAQs [here](#).

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

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for March 2022 decreased 1.7 percent, to 459,595 units, down from 467,569 units shipped in March 2021. Residential electric storage water heater shipments increased 8.4 percent in March 2022 to 486,035 units, up from 448,424 units shipped in March 2021.

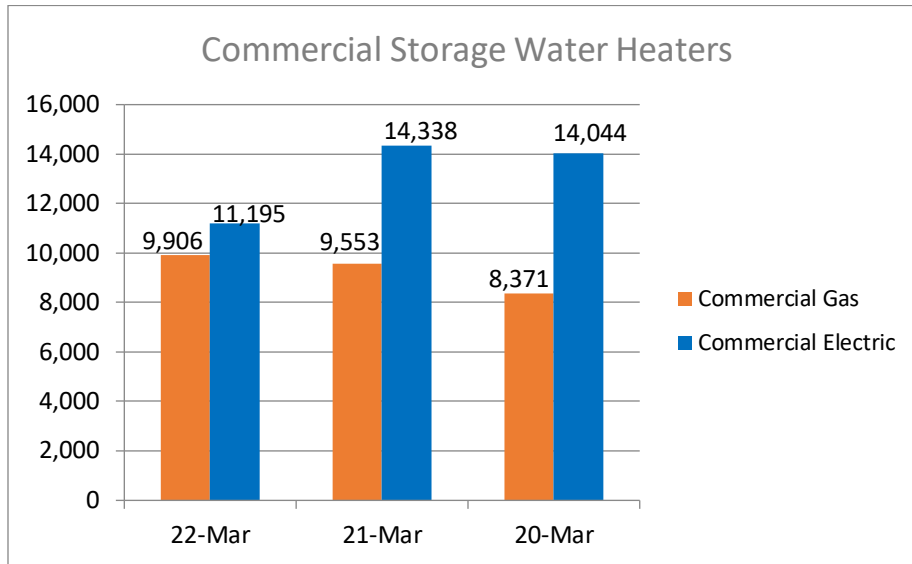


Year-to-date U.S. shipments of residential gas storage water heaters decreased 2.5 percent, to 1,198,888 compared to 1,229,414 shipped during that same period in 2021. Residential electric storage water heater shipments increased 7.3 percent year-to-date, to 1,289,452 units, compared to 1,201,540 shipped during the same period in 2021.

Year-to-Date	Mar 22 YTD	Mar 21 YTD	%CHG. (From 2021-2022)	Mar 20 YTD
Residential Storage Gas	1,198,888	1,229,414	-2.5	1,162,074
Residential Storage Electric	1,289,452	1,201,540	+7.3	1,167,238

Commercial Storage Water Heaters

Commercial gas storage water heater shipments increased 3.7 percent in March 2022, to 9,906 units, up from 9,553 units shipped in March 2021. Commercial electric storage water heater shipments decreased 21.9 percent in March 2022, to 11,195 units, down from 14,338 units shipped in March 2021.

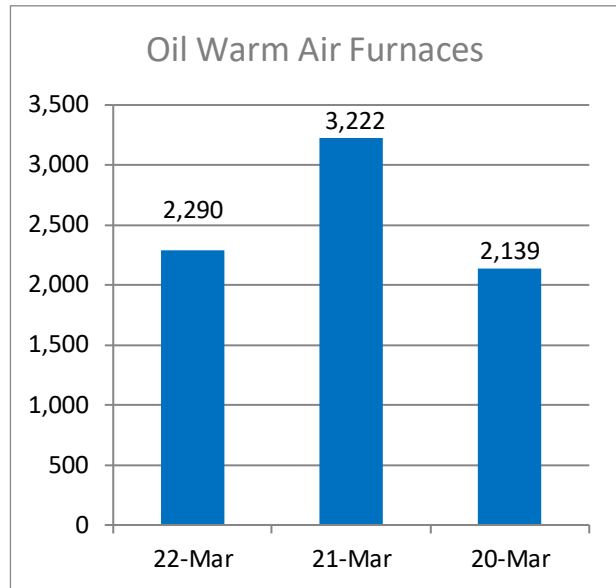
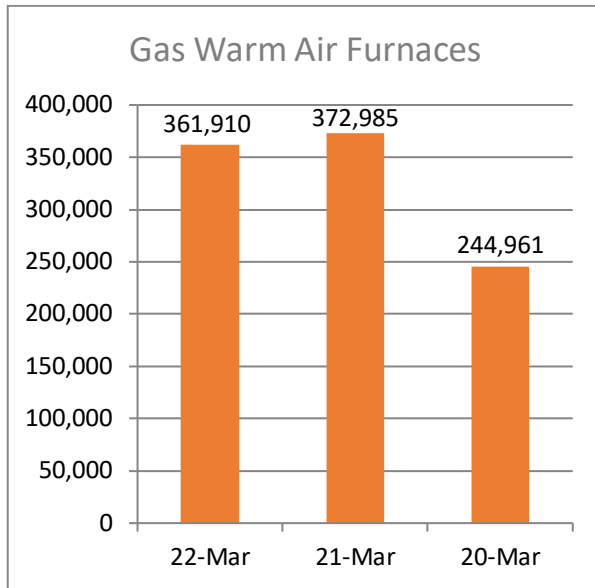


Year-to-date U.S. shipments of commercial gas storage water heaters decreased 8.7 percent, to 21,351 units, compared with 23,380 units shipped during the same period in 2021. Year-to-date commercial electric storage water heater shipments decreased 32.2 percent, to 24,983 units, down from 36,859 units shipped during the same period in 2021.

<i>Year-to-Date</i>	Mar 22 YTD	Mar 21 YTD	%CHG. (From 2021-2022)	Mar 20 YTD
Commercial Storage Gas	21,351	23,380	-8.7	22,854
Commercial Storage Electric	24,983	36,859	-32.2	39,365

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for March 2022 decreased 3.0 percent, to 361,910 units, down from 372,985 units shipped in March 2021. Oil warm air furnace shipments decreased 28.9 percent, to 2,290 units in March 2022, down from 3,222 units shipped in March 2021.

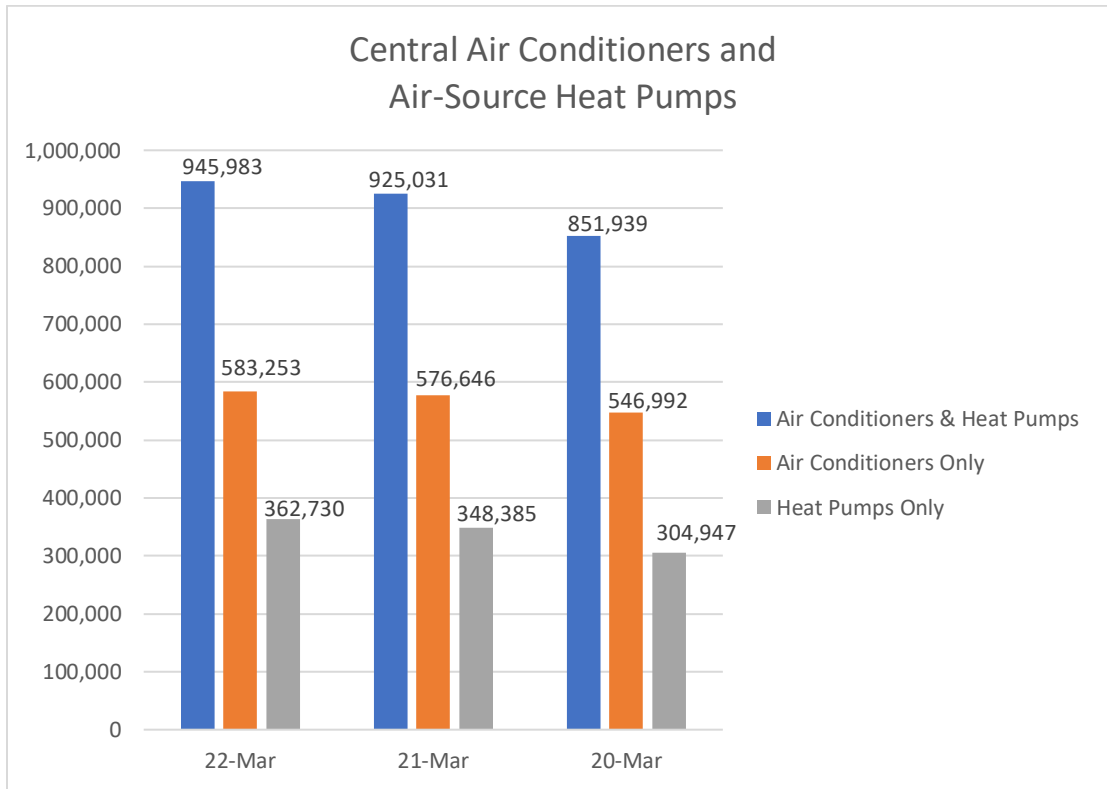


Year-to-date U.S. shipments of gas warm air furnaces decreased 6.5 percent, to 964,540 units, compared with 1,031,736 units shipped during the same period in 2021. Year-to-date U.S. shipments of oil warm air furnaces decreased 14.4 percent, to 8,029 units, compared with 9,382 units shipped during the same period in 2021.

<i>Year-to-Date</i>				
	Mar 22 YTD	Mar 21 YTD	%CHG. (From 2021-2022)	Mar 20 YTD
Gas Warm Air Furnaces	964,540	1,031,736	-6.5	675,250
Oil Warm Air Furnaces	8,029	9,382	-14.4	6,792

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 945,983 units in March 2022, up 2.3 percent from 925,031 units shipped in March 2021. U.S. shipments of air conditioners increased 1.1 percent, to 583,253 units, up from 576,646 units shipped in March 2021. U.S. shipments of air-source heat pumps increased 4.1 percent, to 362,730 units, up from 348,385 units shipped in March 2021.



Year-to-date combined shipments of central air conditioners and air-source heat pumps increased 8.2 percent, to 2,434,073 units, up from 2,248,729 units shipped during the same period in 2021. Year-to-date shipments of central air conditioners increased 6.7 percent, to 1,439,381 units, up from 1,348,522 units shipped during the same period in 2021. The year-to-date total for heat pump shipments increased 10.5 percent, to 994,692, up from 900,207 units shipped during the same period in 2021.

<i>Year-to-Date</i>	Mar 22 YTD	Mar 21 YTD	%CHG. (From 2021-2022)	Mar 20 YTD
Air Conditioners & Heat Pumps Combined Total	2,434,073	2,248,729	+8.2	1,950,971
Air Conditioners Only	1,439,381	1,348,522	+6.7	1,181,000
Heat Pumps Only	994,692	900,207	+10.5	769,971

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	42,770	+10.2	33,499
16.5-21.9	89,989	+9.0	82,829
22-26.9	189,963	+3.1	173,556
27-32.9	147,369	+1.2	140,003
33-38.9	200,863	+0.9	181,863
39-43.9	71,514	-0.2	62,087
44-53.9	101,526	-1.1	88,395
54-64.9	78,319	+3.1	65,697
65-96.9	7,952	-8.7	8,881
97-134.9	6,599	+3.1	5,884
135-184.9	4,150	+7.8	4,411
185-249.9	1,896	-2.5	1,817
250-319.9	1,715	-13.0	1,550
320-379.9	307	-17.5	327
380-539.9	302	-23.9	363
540-639.9	307	+49.0	305
640-799.9	128	-3.0	136
800.0-899.9	63	+14.5	80
900.0-999.9	75	-7.4	91
1,000.0-1,199.9	55	+83.3	53
1,200.0 & Over	121	-12.9	112
TOTAL	945,983	+2.3	851,939

YTD			
Size Description (000) BTUH	2022 Total	% Change from 2021	2020 Total
Under 16.5	110,520	+7.2	81,749
16.5-21.9	239,719	+8.2	197,174
22-26.9	470,462	+3.2	397,460
27-32.9	378,738	+9.3	307,042
33-38.9	516,224	+10.8	407,142
39-43.9	184,680	+9.7	139,407
44-53.9	265,556	+7.8	204,383
54-64.9	204,402	+11.8	154,240
65-96.9	22,025	+2.8	23,333
97-134.9	17,647	+12.7	15,796
135-184.9	11,339	+19.9	10,886
185-249.9	5,016	+14.4	4,762
250-319.9	4,394	+3.8	3,710
320-379.9	743	-10.9	874
380-539.9	802	-5.2	993
540-639.9	739	+32.9	785
640 & Over	303	-9.6	332
800.0-899.9	164	+39.0	202
900.0-999.9	184	-2.6	274
1,000.0-1,199.9	106	+39.5	138
1,200.0 & Over	310	+15.2	289
TOTAL	2,434,073	+8.2	1,950,971

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.