

Preliminary data release date: May 2022

Final data release date: March 2023

Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

Number of housing units (million)

| | Number of household members | | | | | |
|---|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 123.53 | 33.59 | 45.31 | 18.27 | 15.56 | 10.81 |
| Space heating equipment | | | | | | |
| Uses space heating equipment | 117.74 | 31.74 | 43.65 | 17.53 | 14.81 | 10.01 |
| Has space heating equipment but does not use it | 3.92 | 1.34 | 1.28 | 0.45 | 0.35 | 0.49 |
| Does not have space heating equipment | 1.87 | 0.50 | 0.38 | 0.29 | 0.39 | 0.31 |
| Main heating fuel and equipment | | | | | | |
| Natural gas | 62.71 | 15.81 | 22.92 | 9.74 | 8.60 | 5.65 |
| Central warm-air furnace | 53.26 | 12.70 | 19.82 | 8.38 | 7.48 | 4.87 |
| Steam or hot water system | 6.51 | 2.24 | 2.22 | 0.85 | 0.81 | 0.39 |
| Built-in room heater | 2.77 | 0.83 | 0.81 | 0.48 | 0.26 | 0.39 |
| Some other equipment | 0.18 | 0.04 | 0.06 | Q | Q | Q |
| Electricity | 42.57 | 12.94 | 15.41 | 5.91 | 4.85 | 3.47 |
| Central warm-air furnace | 13.82 | 3.99 | 4.48 | 2.27 | 1.80 | 1.29 |
| Heat pump | 16.13 | 4.15 | 6.65 | 2.15 | 1.84 | 1.34 |
| Ductless heat pump (mini-split) | 1.06 | 0.31 | 0.40 | 0.12 | 0.13 | 0.11 |
| Built-in electric units | 7.65 | 3.43 | 2.53 | 0.83 | 0.55 | 0.31 |
| Portable electric heaters | 3.03 | 0.80 | 0.99 | 0.46 | 0.42 | 0.36 |
| Some other equipment | 0.89 | 0.27 | 0.36 | 0.08 | 0.12 | 0.06 |
| Fuel oil or kerosene | 4.93 | 1.33 | 1.87 | 0.79 | 0.60 | 0.34 |
| Central warm-air furnace | 3.10 | 0.79 | 1.23 | 0.47 | 0.40 | 0.21 |
| Steam or hot water system | 1.62 | 0.49 | 0.57 | 0.29 | 0.16 | 0.11 |
| Some other equipment | 0.21 | 0.05 | 0.06 | Q | 0.04 | Q |
| Propane | 5.21 | 1.28 | 2.29 | 0.74 | 0.48 | 0.41 |
| Central warm-air furnace | 4.03 | 0.93 | 1.76 | 0.62 | 0.38 | 0.35 |
| Some other equipment | 1.18 | 0.35 | 0.54 | 0.13 | 0.10 | 0.07 |
| Wood | 2.25 | 0.37 | 1.12 | 0.35 | 0.27 | 0.13 |
| Heating stove | 1.94 | 0.34 | 0.95 | 0.29 | 0.25 | 0.11 |
| Some other equipment | 0.31 | Q | 0.17 | Q | Q | Q |
| Some other fuel ^b | Q | Q | Q | Q | N | N |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |

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Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

Number of housing units (million)

| | Number of household members | | | | | |
|--|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 123.53 | 33.59 | 45.31 | 18.27 | 15.56 | 10.81 |
| Main heating equipment (including all fuels) | | | | | | |
| Central warm-air furnace | 74.42 | 18.44 | 27.40 | 11.77 | 10.07 | 6.74 |
| Heat pump | 16.13 | 4.15 | 6.65 | 2.15 | 1.84 | 1.34 |
| Steam or hot water system | 9.29 | 3.06 | 3.28 | 1.26 | 1.09 | 0.59 |
| Ductless heat pump (mini-split) | 1.06 | 0.31 | 0.40 | 0.12 | 0.13 | 0.11 |
| Built-in electric units | 7.65 | 3.43 | 2.53 | 0.83 | 0.55 | 0.31 |
| Built-in oil or gas room heater | 3.49 | 1.05 | 1.12 | 0.56 | 0.33 | 0.43 |
| Portable electric heaters | 3.03 | 0.80 | 0.99 | 0.46 | 0.42 | 0.36 |
| Heating stove burning wood | 1.94 | 0.34 | 0.95 | 0.29 | 0.25 | 0.11 |
| Some other equipment | 0.74 | 0.18 | 0.33 | 0.08 | 0.12 | Q |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Main heating equipment age | | | | | | |
| Less than 2 years old | 13.29 | 2.98 | 5.01 | 2.14 | 1.82 | 1.34 |
| 2 to 4 years old | 17.19 | 3.94 | 6.72 | 2.59 | 2.31 | 1.63 |
| 5 to 9 years old | 26.77 | 7.06 | 9.86 | 3.96 | 3.52 | 2.37 |
| 10 to 14 years old | 22.29 | 5.86 | 8.17 | 3.20 | 3.01 | 2.04 |
| 15 to 19 years old | 14.66 | 4.10 | 5.49 | 2.34 | 1.65 | 1.07 |
| 20 or more years old | 23.54 | 7.80 | 8.39 | 3.31 | 2.49 | 1.55 |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Has thermostat | | | | | | |
| Yes | 109.45 | 28.85 | 40.83 | 16.30 | 13.97 | 9.49 |
| Smart or internet-connected thermostat | 12.78 | 1.53 | 4.65 | 2.51 | 2.65 | 1.44 |
| Programmable thermostat | 52.59 | 12.90 | 20.07 | 7.83 | 6.89 | 4.90 |
| Non-programmable thermostat | 44.08 | 14.42 | 16.12 | 5.97 | 4.43 | 3.15 |
| No | 12.73 | 4.16 | 4.18 | 1.80 | 1.43 | 1.16 |
| Does not use heating or air-conditioning equipment | 1.35 | 0.58 | 0.30 | 0.16 | 0.15 | 0.16 |
| Main heating equipment control | | | | | | |
| Sets one temperature and leaves it there most of the time | 50.69 | 14.33 | 17.99 | 7.43 | 6.25 | 4.68 |
| Manually adjusts the temperature | 31.04 | 9.20 | 11.70 | 4.53 | 3.39 | 2.22 |
| Programmable or smart thermostat automatically adjusts the temperature | 19.79 | 2.95 | 8.18 | 3.35 | 3.42 | 1.90 |
| Turns equipment on or off as needed | 12.06 | 4.01 | 4.31 | 1.58 | 1.28 | 0.88 |
| Household does not have control over the equipment | 3.91 | 1.17 | 1.38 | 0.64 | 0.44 | 0.29 |
| Controls heating equipment in some other way | 0.24 | 0.08 | 0.08 | Q | Q | Q |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |

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Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

| | Number of housing units (million) | | | | | |
|--|-----------------------------------|-----------------------------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | Number of household members | | | | |
| | | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 123.53 | 33.59 | 45.31 | 18.27 | 15.56 | 10.81 |
| Secondary heating fuel and equipment | | | | | | |
| Uses secondary heating equipment | 51.80 | 11.41 | 20.20 | 8.34 | 7.09 | 4.75 |
| Natural gas | 7.88 | 1.46 | 3.19 | 1.19 | 1.27 | 0.77 |
| Fireplace | 6.94 | 1.25 | 2.79 | 1.01 | 1.17 | 0.72 |
| Some other equipment | 0.94 | 0.21 | 0.40 | 0.18 | 0.10 | Q |
| Electricity | 31.57 | 7.57 | 11.53 | 5.35 | 4.29 | 2.83 |
| Portable electric heaters | 25.08 | 6.23 | 8.85 | 4.39 | 3.35 | 2.26 |
| Ductless heat pump (mini-split) | 0.93 | 0.12 | 0.44 | 0.11 | 0.16 | 0.11 |
| Built-in electric units | 3.14 | 0.71 | 1.22 | 0.48 | 0.46 | 0.27 |
| Fireplace | 1.82 | 0.39 | 0.79 | 0.27 | 0.25 | 0.12 |
| Some other equipment | 0.59 | 0.12 | 0.23 | 0.10 | 0.07 | 0.07 |
| Wood | 8.83 | 1.59 | 3.71 | 1.36 | 1.23 | 0.93 |
| Heating stove | 3.13 | 0.66 | 1.49 | 0.36 | 0.37 | 0.25 |
| Fireplace | 5.68 | 0.94 | 2.21 | 1.00 | 0.86 | 0.68 |
| Some other equipment | Q | Q | Q | Q | N | N |
| Some other fuel ^b | 3.52 | 0.79 | 1.77 | 0.44 | 0.30 | 0.23 |
| Does not use secondary heating equipment | 65.94 | 20.33 | 23.44 | 9.20 | 7.72 | 5.26 |
| Does not use any heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Secondary heating usage | | | | | | |
| Uses all or almost all of the time | 10.92 | 2.33 | 4.19 | 1.77 | 1.60 | 1.03 |
| Uses at least once a week | 9.40 | 1.56 | 3.57 | 1.71 | 1.65 | 0.91 |
| Uses a few times per month | 4.72 | 0.89 | 1.87 | 0.82 | 0.62 | 0.52 |
| Uses only when it is very cold | 20.18 | 5.09 | 7.93 | 3.08 | 2.29 | 1.78 |
| Uses only in rare situations, such as when a guest is visiting | 6.58 | 1.55 | 2.64 | 0.96 | 0.92 | 0.51 |
| Does not use secondary heating equipment | 65.94 | 20.33 | 23.44 | 9.20 | 7.72 | 5.26 |
| Does not use any heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Winter indoor daytime temperature when someone is home | | | | | | |
| 63 degrees or less | 4.42 | 1.53 | 1.33 | 0.72 | 0.44 | 0.39 |
| 64 to 66 degrees | 10.30 | 2.98 | 3.58 | 1.55 | 1.37 | 0.81 |
| 67 to 69 degrees | 32.57 | 7.59 | 12.99 | 4.88 | 4.41 | 2.69 |
| 70 degrees | 26.95 | 7.07 | 10.13 | 3.97 | 3.37 | 2.41 |
| 71 to 73 degrees | 25.20 | 7.02 | 9.17 | 3.87 | 3.17 | 1.97 |
| 74 degrees or more | 18.30 | 5.54 | 6.44 | 2.54 | 2.04 | 1.73 |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |

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Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

| | Number of housing units (million) | | | | | |
|--|-----------------------------------|-----------------------------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | Number of household members | | | | |
| | | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 123.53 | 33.59 | 45.31 | 18.27 | 15.56 | 10.81 |
| Winter indoor daytime temperature when no one is home | | | | | | |
| 63 degrees or less | 18.75 | 5.53 | 6.80 | 2.70 | 2.29 | 1.43 |
| 64 to 66 degrees | 22.15 | 5.71 | 8.25 | 3.32 | 3.07 | 1.79 |
| 67 to 69 degrees | 30.09 | 7.41 | 11.51 | 4.70 | 4.01 | 2.46 |
| 70 degrees | 19.35 | 5.17 | 7.28 | 2.77 | 2.30 | 1.84 |
| 71 to 73 degrees | 15.06 | 4.31 | 5.42 | 2.33 | 1.73 | 1.26 |
| 74 degrees or more | 12.35 | 3.61 | 4.39 | 1.71 | 1.41 | 1.23 |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Winter indoor temperature at night | | | | | | |
| 63 degrees or less | 14.85 | 4.55 | 5.96 | 1.88 | 1.37 | 1.09 |
| 64 to 66 degrees | 19.72 | 5.31 | 7.86 | 2.75 | 2.51 | 1.29 |
| 67 to 69 degrees | 31.58 | 7.62 | 12.24 | 4.76 | 4.17 | 2.79 |
| 70 degrees | 20.22 | 5.27 | 7.28 | 3.17 | 2.71 | 1.79 |
| 71 to 73 degrees | 17.49 | 4.81 | 5.98 | 2.82 | 2.33 | 1.54 |
| 74 degrees or more | 13.88 | 4.18 | 4.34 | 2.15 | 1.72 | 1.50 |
| Does not use heating equipment | 5.79 | 1.84 | 1.66 | 0.73 | 0.75 | 0.80 |
| Heated basement | | | | | | |
| Yes | 24.93 | 4.13 | 10.01 | 4.19 | 3.97 | 2.62 |
| No | 11.71 | 2.69 | 4.56 | 1.83 | 1.51 | 1.12 |
| Not asked (heated homes with no basement) | 45.23 | 9.60 | 17.90 | 7.25 | 6.30 | 4.17 |
| Not asked (unheated homes, apartments, and mobile homes) | 41.66 | 17.16 | 12.84 | 4.99 | 3.77 | 2.90 |
| Heated attic | | | | | | |
| Yes | 3.48 | 0.68 | 1.08 | 0.63 | 0.63 | 0.46 |
| No | 51.67 | 9.82 | 20.83 | 8.41 | 7.73 | 4.89 |
| Not asked (heated homes with no attic) | 26.71 | 5.93 | 10.56 | 4.23 | 3.43 | 2.57 |
| Not asked (unheated homes, apartments, and mobile homes) | 41.66 | 17.16 | 12.84 | 4.99 | 3.77 | 2.90 |
| Heated attached garage | | | | | | |
| Yes | 3.87 | 0.62 | 1.70 | 0.56 | 0.50 | 0.50 |
| No | 46.18 | 8.07 | 18.42 | 7.81 | 7.27 | 4.61 |
| Not asked (heated homes with no attached garage) | 31.82 | 7.73 | 12.35 | 4.91 | 4.02 | 2.80 |
| Not asked (unheated homes, apartments, and mobile homes) | 41.66 | 17.16 | 12.84 | 4.99 | 3.77 | 2.90 |

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Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

| | Number of housing units (million) | | | | | |
|------------------------------------|-----------------------------------|-----------------------------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | Number of household members | | | | |
| | | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 123.53 | 33.59 | 45.31 | 18.27 | 15.56 | 10.81 |
| Humidifier usage | | | | | | |
| Uses a humidifier | 29.25 | 5.96 | 11.42 | 4.84 | 4.28 | 2.74 |
| Uses only occasionally | 7.13 | 1.22 | 2.02 | 1.22 | 1.55 | 1.13 |
| Uses only during winter months | 15.77 | 3.49 | 7.02 | 2.44 | 1.85 | 0.97 |
| Uses about half of the year | 2.21 | 0.44 | 0.85 | 0.36 | 0.34 | 0.23 |
| Uses all or almost all of the year | 4.12 | 0.79 | 1.54 | 0.82 | 0.55 | 0.42 |
| Does not use a humidifier | 94.28 | 27.63 | 33.89 | 13.43 | 11.27 | 8.06 |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the *2020 Residential Energy Consumption Survey*

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for the definitions of terms used in these tables.

^a *Total U.S.* includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^b *Some other fuel* includes coal and district steam.

Q = Data withheld because either the relative standard error (RSE) was greater than 50% or fewer than 10 households were in the reporting sample.

N = No households in reporting sample.

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Relative standard errors (RSEs) for Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

RSEs for number of housing units

| | Number of household members | | | | | |
|---|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 0.00 | 1.25 | 1.15 | 1.87 | 2.08 | 3.13 |
| Space heating equipment | | | | | | |
| Uses space heating equipment | 0.22 | 1.37 | 1.22 | 1.90 | 2.14 | 3.12 |
| Has space heating equipment but does not use it | 5.73 | 9.96 | 8.24 | 18.47 | 18.65 | 15.32 |
| Does not have space heating equipment | 7.62 | 14.96 | 15.24 | 17.21 | 18.77 | 16.23 |
| Main heating fuel and equipment | | | | | | |
| Natural gas | 0.77 | 2.13 | 1.75 | 3.05 | 3.05 | 3.79 |
| Central warm-air furnace | 0.83 | 2.32 | 1.86 | 3.35 | 3.05 | 3.86 |
| Steam or hot water system | 3.59 | 6.89 | 5.00 | 8.72 | 9.81 | 15.94 |
| Built-in room heater | 6.01 | 11.52 | 12.44 | 14.00 | 21.75 | 18.22 |
| Some other equipment | 18.53 | 39.37 | 33.17 | 49.48 | 40.97 | 81.48 |
| Electricity | 0.92 | 2.18 | 2.10 | 3.70 | 4.53 | 5.81 |
| Central warm-air furnace | 2.22 | 5.07 | 4.52 | 6.55 | 7.47 | 8.93 |
| Heat pump | 1.83 | 4.23 | 3.21 | 5.89 | 6.43 | 8.93 |
| Ductless heat pump (mini-split) | 8.94 | 15.84 | 14.91 | 25.44 | 24.89 | 28.55 |
| Built-in electric units | 2.83 | 4.64 | 6.55 | 11.56 | 10.70 | 16.87 |
| Portable electric heaters | 6.15 | 12.18 | 10.72 | 12.96 | 13.63 | 18.92 |
| Some other equipment | 11.79 | 24.09 | 13.40 | 33.37 | 29.09 | 40.00 |
| Fuel oil or kerosene | 3.50 | 7.38 | 6.52 | 6.91 | 10.70 | 12.24 |
| Central warm-air furnace | 4.61 | 9.57 | 8.82 | 9.73 | 12.49 | 15.48 |
| Steam or hot water system | 7.14 | 14.51 | 11.80 | 13.52 | 19.79 | 23.26 |
| Some other equipment | 16.34 | 36.48 | 30.06 | 45.83 | 36.57 | 51.74 |
| Propane | 3.76 | 8.46 | 5.53 | 10.32 | 11.17 | 15.77 |
| Central warm-air furnace | 3.91 | 8.89 | 5.85 | 11.60 | 13.22 | 17.59 |
| Some other equipment | 8.05 | 13.85 | 11.97 | 23.95 | 25.38 | 31.54 |
| Wood | 4.88 | 11.33 | 7.13 | 14.92 | 15.99 | 25.46 |
| Heating stove | 5.46 | 12.21 | 8.24 | 17.04 | 16.33 | 27.09 |
| Some other equipment | 19.03 | 47.81 | 22.03 | 37.01 | 59.43 | 59.80 |
| Some other fuel ^b | 35.67 | 100.23 | 39.75 | 100.27 | 0.00 | 0.00 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |

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Relative standard errors (RSEs) for Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

RSEs for number of housing units

| | Number of household members | | | | | |
|---|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 0.00 | 1.25 | 1.15 | 1.87 | 2.08 | 3.13 |
| Main heating equipment (including all fuels) | | | | | | |
| Central warm-air furnace | 0.58 | 2.04 | 1.58 | 2.56 | 2.55 | 3.89 |
| Heat pump | 1.83 | 4.23 | 3.21 | 5.89 | 6.43 | 8.93 |
| Steam or hot water system | 2.89 | 5.64 | 4.55 | 7.26 | 7.63 | 12.61 |
| Ductless heat pump (mini-split) | 8.94 | 15.84 | 14.91 | 25.44 | 24.89 | 28.55 |
| Built-in electric units | 2.83 | 4.64 | 6.55 | 11.56 | 10.70 | 16.87 |
| Built-in oil or gas room heater | 5.37 | 10.11 | 9.55 | 12.59 | 19.54 | 17.53 |
| Portable electric heaters | 6.15 | 12.18 | 10.72 | 12.96 | 13.63 | 18.92 |
| Heating stove burning wood | 5.46 | 12.21 | 8.24 | 17.04 | 16.33 | 27.09 |
| Some other equipment | 9.92 | 21.76 | 12.70 | 37.38 | 24.80 | 56.07 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Main heating equipment age | | | | | | |
| Less than 2 years old | 2.42 | 5.14 | 3.81 | 5.67 | 7.25 | 8.98 |
| 2 to 4 years old | 2.11 | 5.25 | 3.80 | 5.35 | 5.78 | 8.05 |
| 5 to 9 years old | 1.44 | 2.90 | 2.37 | 3.93 | 4.25 | 5.34 |
| 10 to 14 years old | 1.99 | 4.65 | 2.88 | 5.30 | 4.34 | 7.52 |
| 15 to 19 years old | 2.50 | 5.31 | 4.33 | 6.87 | 6.36 | 9.94 |
| 20 or more years old | 1.77 | 3.31 | 3.32 | 4.40 | 6.10 | 6.73 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Has thermostat | | | | | | |
| Yes | 0.33 | 1.36 | 1.16 | 1.88 | 2.07 | 3.47 |
| Smart or internet-connected thermostat | 2.22 | 7.25 | 4.07 | 5.87 | 4.62 | 7.57 |
| Programmable thermostat | 0.88 | 2.57 | 2.05 | 2.94 | 3.32 | 4.42 |
| Non-programmable thermostat | 1.29 | 1.91 | 2.32 | 3.31 | 3.75 | 6.56 |
| No | 2.69 | 5.06 | 4.71 | 7.51 | 8.55 | 10.10 |
| Does not use heating or air-conditioning equipment | 8.55 | 16.79 | 15.99 | 27.98 | 30.99 | 28.87 |

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RSEs for number of housing units

| | Number of household members | | | | | |
|--|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 0.00 | 1.25 | 1.15 | 1.87 | 2.08 | 3.13 |
| Main heating equipment control | | | | | | |
| Sets one temperature and leaves it there most of the time | 1.12 | 2.02 | 2.20 | 3.24 | 3.85 | 4.28 |
| Manually adjusts the temperature | 1.74 | 2.72 | 2.55 | 4.22 | 4.96 | 6.24 |
| Programmable or smart thermostat automatically adjusts the temperature | 1.84 | 4.32 | 3.06 | 4.78 | 4.48 | 6.83 |
| Turns equipment on or off as needed | 2.85 | 4.71 | 5.33 | 9.03 | 8.93 | 11.65 |
| Household does not have control over the equipment | 5.10 | 10.72 | 9.53 | 12.67 | 17.19 | 18.50 |
| Controls heating equipment in some other way | 17.23 | 35.96 | 29.90 | 49.96 | 44.56 | 51.15 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Secondary heating fuel and equipment | | | | | | |
| Uses secondary heating equipment | 1.02 | 2.83 | 1.88 | 3.09 | 3.11 | 4.60 |
| Natural gas | 3.01 | 6.78 | 5.03 | 8.69 | 6.93 | 10.51 |
| Fireplace | 3.31 | 7.69 | 5.08 | 9.28 | 7.23 | 10.85 |
| Some other equipment | 8.63 | 18.61 | 15.29 | 26.03 | 25.06 | 38.92 |
| Electricity | 1.36 | 3.84 | 2.67 | 4.10 | 4.39 | 5.23 |
| Portable electric heaters | 1.47 | 4.14 | 3.04 | 4.41 | 4.67 | 5.67 |
| Ductless heat pump (mini-split) | 9.43 | 24.37 | 11.72 | 19.87 | 21.77 | 27.62 |
| Built-in electric units | 4.26 | 10.46 | 6.33 | 10.20 | 13.78 | 17.71 |
| Fireplace | 5.60 | 14.89 | 8.31 | 16.09 | 17.14 | 27.78 |
| Some other equipment | 12.79 | 33.10 | 17.08 | 30.37 | 30.55 | 38.11 |
| Wood | 2.77 | 6.01 | 4.58 | 7.52 | 7.51 | 10.08 |
| Heating stove | 4.79 | 10.19 | 7.14 | 11.97 | 12.79 | 15.07 |
| Fireplace | 3.84 | 8.49 | 6.45 | 8.87 | 8.81 | 13.10 |
| Some other equipment | 68.13 | 100.81 | 80.09 | 100.38 | 0.00 | 0.00 |
| Some other fuel ^b | 4.33 | 11.32 | 6.67 | 13.14 | 20.07 | 15.98 |
| Does not use secondary heating equipment | 0.80 | 1.70 | 1.82 | 2.87 | 3.23 | 3.71 |
| Does not use any heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |

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Relative standard errors (RSEs) for Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

RSEs for number of housing units

| | Number of household members | | | | | |
|--|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 0.00 | 1.25 | 1.15 | 1.87 | 2.08 | 3.13 |
| Secondary heating usage | | | | | | |
| Uses all or almost all of the time | 2.75 | 6.57 | 4.73 | 6.44 | 7.87 | 9.96 |
| Uses at least once a week | 2.33 | 7.12 | 4.23 | 6.30 | 6.14 | 8.50 |
| Uses a few times per month | 4.20 | 8.07 | 6.71 | 9.07 | 11.03 | 13.20 |
| Uses only when it is very cold | 2.08 | 4.55 | 2.96 | 6.08 | 6.30 | 8.58 |
| Uses only in rare situations, such as when a guest is visiting | 3.45 | 6.26 | 5.35 | 8.28 | 10.98 | 11.73 |
| Does not use secondary heating equipment | 0.80 | 1.70 | 1.82 | 2.87 | 3.23 | 3.71 |
| Does not use any heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Winter indoor daytime temperature when someone is home | | | | | | |
| 63 degrees or less | 4.48 | 7.77 | 7.64 | 12.81 | 11.17 | 19.03 |
| 64 to 66 degrees | 2.75 | 5.27 | 4.32 | 7.39 | 8.50 | 10.40 |
| 67 to 69 degrees | 1.20 | 3.40 | 2.64 | 3.65 | 4.14 | 5.57 |
| 70 degrees | 1.56 | 4.33 | 2.76 | 4.40 | 4.75 | 5.54 |
| 71 to 73 degrees | 1.53 | 3.30 | 2.80 | 5.10 | 4.83 | 6.91 |
| 74 degrees or more | 2.27 | 3.99 | 4.13 | 5.67 | 7.13 | 6.84 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Winter indoor daytime temperature when no one is home | | | | | | |
| 63 degrees or less | 2.19 | 3.95 | 3.07 | 5.24 | 6.65 | 9.62 |
| 64 to 66 degrees | 1.92 | 4.12 | 3.32 | 5.33 | 4.13 | 9.27 |
| 67 to 69 degrees | 1.40 | 3.09 | 2.93 | 3.84 | 3.56 | 5.31 |
| 70 degrees | 2.23 | 4.52 | 3.26 | 4.93 | 6.17 | 7.40 |
| 71 to 73 degrees | 2.10 | 4.13 | 3.90 | 5.63 | 5.65 | 7.75 |
| 74 degrees or more | 2.59 | 5.01 | 5.29 | 8.00 | 8.77 | 9.38 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |
| Winter indoor temperature at night | | | | | | |
| 63 degrees or less | 2.69 | 4.74 | 3.68 | 7.82 | 7.19 | 10.21 |
| 64 to 66 degrees | 2.11 | 4.99 | 3.32 | 5.40 | 6.09 | 8.27 |
| 67 to 69 degrees | 1.65 | 3.53 | 2.36 | 3.76 | 4.46 | 5.69 |
| 70 degrees | 2.03 | 4.61 | 3.10 | 5.52 | 5.69 | 6.15 |
| 71 to 73 degrees | 2.12 | 4.06 | 3.55 | 5.58 | 6.08 | 7.38 |
| 74 degrees or more | 2.60 | 4.92 | 5.25 | 5.85 | 7.82 | 7.65 |
| Does not use heating equipment | 4.41 | 8.87 | 7.56 | 11.68 | 12.93 | 11.05 |

Preliminary data release date: May 2022

Final data release date: March 2023

Relative standard errors (RSEs) for Table HC6.4 Space heating in U.S. homes, by number of household members, 2020

RSEs for number of housing units

| | Number of household members | | | | | |
|--|-----------------------------|----------|-----------|-----------|-----------|-------------------|
| | Total U.S. ^a | 1 member | 2 members | 3 members | 4 members | 5 or more members |
| All homes | 0.00 | 1.25 | 1.15 | 1.87 | 2.08 | 3.13 |
| Heated basement | | | | | | |
| Yes | 1.16 | 4.14 | 2.15 | 3.99 | 4.33 | 4.62 |
| No | 2.24 | 5.12 | 3.97 | 5.67 | 7.19 | 8.14 |
| Not asked (heated homes with no basement) | 0.60 | 2.56 | 1.70 | 3.47 | 3.85 | 4.88 |
| Not asked (unheated homes, apartments, and mobile homes) | 0.34 | 1.74 | 2.28 | 4.37 | 5.00 | 7.05 |
| Heated attic | | | | | | |
| Yes | 4.07 | 11.01 | 7.88 | 12.38 | 9.83 | 12.58 |
| No | 0.74 | 2.87 | 1.55 | 2.86 | 3.24 | 3.89 |
| Not asked (heated homes with no attic) | 1.37 | 3.62 | 2.19 | 4.36 | 4.91 | 4.08 |
| Not asked (unheated homes, apartments, and mobile homes) | 0.34 | 1.74 | 2.28 | 4.37 | 5.00 | 7.05 |
| Heated attached garage | | | | | | |
| Yes | 3.93 | 10.75 | 7.04 | 10.72 | 12.70 | 11.83 |
| No | 0.88 | 2.63 | 1.84 | 2.94 | 3.17 | 3.89 |
| Not asked (heated homes with no attached garage) | 1.12 | 3.33 | 2.52 | 4.04 | 4.43 | 5.24 |
| Not asked (unheated homes, apartments, and mobile homes) | 0.34 | 1.74 | 2.28 | 4.37 | 5.00 | 7.05 |
| Humidifier usage | | | | | | |
| Uses a humidifier | 1.47 | 3.76 | 2.56 | 3.53 | 3.87 | 5.19 |
| Uses only occasionally | 3.83 | 8.87 | 7.39 | 8.10 | 7.36 | 7.48 |
| Uses only during winter months | 1.73 | 3.97 | 2.89 | 5.07 | 5.62 | 9.31 |
| Uses about half of the year | 6.35 | 14.47 | 11.10 | 12.38 | 13.81 | 17.88 |
| Uses all or almost all of the year | 5.07 | 11.79 | 8.76 | 10.88 | 12.47 | 11.27 |
| Does not use a humidifier | 0.46 | 1.35 | 1.43 | 2.39 | 2.52 | 3.56 |

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-457A of the *2020 Residential Energy Consumption Survey*

Notes: See RECS Terminology for the definitions of terms used in these tables.

^a *Total U.S.* includes all primary occupied housing units in the 50 states and the District of Columbia. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

^b *Some other fuel* includes coal and district steam.