

Table HC5.4 Space Heating Characteristics by Year of Construction, 2005
Million U.S. Housing Units

| Space Heating Characteristics | Housing Units (millions) | Year of Construction | | | | | | | |
|---|--------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Before 1940 | 1940 to 1949 | 1950 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 | 2000 to 2005 |
| Total | 111.1 | 14.7 | 7.4 | 12.5 | 12.5 | 18.9 | 18.6 | 17.3 | 9.2 |
| Do Not Have Space Heating Equipment | 1.2 | N | Q | Q | 0.2 | 0.4 | 0.2 | 0.2 | Q |
| Have Main Space Heating Equipment | 109.8 | 14.7 | 7.4 | 12.4 | 12.2 | 18.5 | 18.3 | 17.1 | 9.2 |
| Use Main Space Heating Equipment..... | 109.1 | 14.6 | 7.3 | 12.4 | 12.2 | 18.2 | 18.2 | 17.1 | 9.1 |
| Have Equipment But Do Not Use It..... | 0.8 | Q | Q | Q | Q | 0.3 | Q | N | Q |
| Main Heating Fuel and Equipment | | | | | | | | | |
| Natural Gas..... | 58.2 | 9.2 | 4.9 | 7.8 | 7.1 | 8.8 | 8.4 | 7.8 | 4.2 |
| Central Warm-Air Furnace..... | 44.7 | 5.2 | 3.1 | 5.6 | 5.2 | 7.1 | 7.4 | 7.3 | 3.9 |
| For One Housing Unit..... | 42.9 | 4.8 | 2.9 | 5.5 | 5.0 | 6.8 | 7.1 | 7.0 | 3.8 |
| For Two Housing Units..... | 1.8 | 0.4 | Q | Q | Q | 0.3 | 0.3 | 0.3 | Q |
| Steam or Hot Water System..... | 8.2 | 2.9 | 0.9 | 1.1 | 1.2 | 1.0 | 0.5 | 0.4 | Q |
| For One Housing Unit..... | 5.1 | 2.1 | 0.5 | 0.7 | 0.8 | 0.4 | 0.2 | Q | Q |
| For Two Housing Units..... | 3.1 | 0.8 | 0.4 | 0.4 | 0.4 | 0.6 | 0.3 | Q | Q |
| Floor, Wall or Pipeless Furnace..... | 2.3 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | Q | Q |
| Room Heater..... | 2.0 | 0.2 | 0.3 | 0.6 | 0.4 | 0.3 | Q | N | Q |
| Other Equipment..... | 0.9 | 0.3 | Q | Q | Q | Q | Q | Q | Q |
| Electricity..... | 33.7 | 1.2 | 0.9 | 2.4 | 3.3 | 6.9 | 7.8 | 7.3 | 4.0 |
| Built-in Electric Units..... | 5.0 | 0.3 | Q | 0.5 | 0.8 | 1.2 | 1.1 | 0.6 | Q |
| Central Warm-Air Furnace..... | 16.0 | 0.4 | 0.3 | 0.9 | 1.3 | 3.7 | 3.7 | 3.7 | 2.0 |
| For One Housing Unit..... | 15.2 | 0.4 | 0.3 | 0.9 | 1.2 | 3.4 | 3.5 | 3.5 | 2.0 |
| For Two Housing Units..... | 0.9 | Q | N | Q | Q | 0.3 | Q | Q | Q |
| Portable Electric Heater..... | 9.2 | Q | Q | 0.4 | 0.7 | 1.4 | 2.5 | 2.6 | 1.4 |
| Heat Pump..... | 1.6 | Q | Q | 0.3 | 0.3 | Q | Q | Q | Q |
| Other Equipment..... | 1.9 | Q | Q | Q | Q | 0.4 | 0.3 | Q | Q |
| Fuel Oil..... | 7.7 | 2.6 | 0.9 | 1.4 | 0.9 | 0.9 | 0.4 | 0.3 | 0.2 |
| Steam or Hot Water System..... | 4.7 | 1.7 | 0.7 | 0.8 | 0.5 | 0.6 | 0.2 | 0.2 | Q |
| For One Housing Unit..... | 3.3 | 1.1 | 0.4 | 0.5 | 0.4 | 0.5 | Q | 0.2 | Q |
| For Two Housing Units..... | 1.4 | 0.6 | 0.3 | Q | Q | Q | Q | N | N |
| Central Warm-Air Furnace..... | 2.8 | 0.9 | 0.2 | 0.6 | 0.3 | 0.3 | 0.2 | Q | Q |
| Other Equipment..... | 0.3 | Q | Q | Q | Q | Q | Q | Q | Q |
| Wood..... | 2.9 | 0.7 | Q | 0.3 | 0.4 | 0.7 | 0.4 | 0.3 | Q |
| Heating Stove..... | 2.0 | 0.4 | Q | Q | Q | 0.4 | 0.3 | Q | Q |
| Other Equipment..... | 0.9 | Q | Q | Q | Q | Q | Q | Q | N |
| Propane/LPG..... | 6.0 | 0.8 | 0.5 | 0.4 | 0.3 | 0.9 | 1.1 | 1.4 | 0.7 |
| Central Warm-Air Furnace..... | 4.1 | 0.5 | Q | 0.3 | Q | 0.5 | 0.8 | 1.1 | 0.6 |
| Room Heater..... | 0.9 | 0.2 | Q | Q | Q | Q | Q | Q | Q |
| Other Equipment..... | 1.0 | Q | Q | Q | Q | Q | Q | Q | Q |
| Kerosene..... | 0.7 | Q | N | Q | Q | Q | Q | Q | N |
| Other Fuel..... | 0.6 | Q | Q | Q | Q | Q | Q | Q | Q |
| Housing Units Served by Main Heating Equipment | | | | | | | | | |
| One Housing Unit..... | 101.0 | 12.6 | 6.5 | 11.5 | 11.1 | 16.9 | 17.0 | 16.3 | 8.9 |
| Two or More Housing Units..... | 8.8 | 2.0 | 0.8 | 0.9 | 1.1 | 1.6 | 1.3 | 0.8 | 0.3 |
| Do Not Have Heating Equipment..... | 1.2 | N | Q | Q | 0.2 | 0.4 | 0.2 | 0.2 | Q |

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|--|--------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Before 1940 | 1940 to 1949 | 1950 to 1959 | 1960 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 | 2000 to 2005 |
| Age of Main Heating Equipment | | | | | | | | | |
| Used by One Housing Unit | | | | | | | | | |
| Less than 2 Years..... | 11.7 | 1.0 | 0.7 | 1.4 | 1.0 | 1.5 | 1.7 | 0.8 | 3.6 |
| 2 to 4 Years..... | 13.8 | 1.4 | 0.8 | 1.3 | 1.3 | 2.0 | 1.8 | 0.7 | 4.4 |
| 5 to 9 Years..... | 20.6 | 1.6 | 1.4 | 2.0 | 1.8 | 3.2 | 2.0 | 8.1 | 0.4 |
| 10 to 19 Years..... | 24.8 | 2.9 | 1.3 | 2.7 | 2.4 | 2.8 | 7.0 | 5.7 | Q |
| 20 Years or More..... | 21.5 | 4.3 | 1.8 | 3.1 | 3.3 | 5.9 | 3.0 | Q | Q |
| Don't Know..... | 8.6 | 1.5 | 0.6 | 0.9 | 1.2 | 1.5 | 1.6 | 1.0 | 0.3 |
| Used by Two or More Housing Units | | | | | | | | | |
| Less than 2 Years..... | 0.3 | Q | N | Q | Q | Q | Q | N | Q |
| 2 to 4 Years..... | 0.4 | Q | Q | N | Q | Q | Q | N | Q |
| 5 to 9 Years..... | 0.6 | Q | Q | Q | Q | Q | Q | Q | N |
| 10 to 19 Years..... | 1.1 | Q | Q | Q | Q | Q | Q | Q | N |
| 20 Years or More..... | 2.7 | 0.6 | Q | 0.4 | 0.4 | 0.5 | 0.5 | N | N |
| Don't Know..... | 3.7 | 0.9 | 0.5 | 0.3 | 0.4 | 0.8 | 0.4 | 0.3 | Q |
| Proportion of Heat Provided by Main Heating Equipment | | | | | | | | | |
| All or Almost All..... | 98.9 | 13.1 | 6.6 | 11.3 | 10.9 | 16.6 | 16.6 | 15.6 | 8.4 |
| About Three-Fourths..... | 5.8 | 1.0 | 0.4 | 0.6 | 0.6 | 0.9 | 1.0 | 0.9 | 0.4 |
| Closer to One-Half..... | 4.3 | 0.5 | 0.4 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | Q |
| Do Not Use Main Heating Equipment..... | 2.0 | Q | Q | Q | 0.3 | 0.7 | 0.3 | 0.2 | Q |
| Secondary Heating Fuel and Equipment | | | | | | | | | |
| No..... | 76.2 | 9.6 | 4.9 | 9.0 | 8.5 | 13.4 | 12.7 | 11.5 | 6.7 |
| Yes (More than One May Apply)..... | 34.9 | 5.1 | 2.5 | 3.5 | 3.9 | 5.5 | 5.9 | 5.8 | 2.5 |
| Natural Gas..... | 5.0 | 0.5 | 0.4 | 0.5 | 0.5 | 0.5 | 0.8 | 1.2 | 0.7 |
| Fireplace..... | 2.7 | Q | Q | Q | Q | Q | 0.6 | 0.9 | 0.5 |
| Room Heater..... | 0.5 | Q | Q | Q | Q | Q | Q | Q | Q |
| Central Warm-Air Furnace..... | 1.1 | Q | Q | Q | Q | Q | Q | Q | Q |
| Other Equipment..... | 0.8 | Q | Q | Q | Q | Q | Q | Q | Q |
| Electricity..... | 19.7 | 3.3 | 1.8 | 2.1 | 2.4 | 3.1 | 3.1 | 2.7 | 1.2 |
| Portable Heater..... | 16.0 | 2.9 | 1.6 | 1.8 | 2.0 | 2.4 | 2.4 | 2.0 | 0.9 |
| Built-in Electric Units..... | 2.2 | 0.4 | Q | 0.3 | Q | 0.3 | 0.3 | 0.3 | Q |
| Heat Pump..... | 0.6 | Q | Q | N | Q | Q | Q | Q | Q |
| Other Equipment..... | 1.3 | Q | Q | Q | Q | 0.3 | 0.3 | Q | Q |
| Fuel Oil..... | 0.4 | Q | Q | Q | Q | Q | Q | Q | N |
| Wood..... | 8.9 | 1.1 | 0.4 | 0.7 | 0.8 | 1.5 | 1.8 | 2.0 | 0.6 |
| Fireplace..... | 6.7 | 0.7 | 0.3 | 0.4 | 0.6 | 1.1 | 1.4 | 1.7 | 0.5 |
| Heating Stove..... | 2.2 | 0.4 | Q | 0.3 | Q | 0.4 | 0.4 | 0.3 | Q |
| Other Equipment..... | Q | Q | N | N | Q | Q | Q | Q | N |
| Propane/LPG..... | 2.3 | 0.4 | Q | Q | Q | 0.4 | 0.4 | 0.6 | 0.3 |
| Kerosene..... | 0.9 | Q | Q | Q | Q | Q | Q | Q | Q |
| Other Fuel..... | 0.2 | Q | N | Q | Q | Q | N | Q | N |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See Glossary for definition of terms used in these tables.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2005 Residential Energy Consumption Survey.