

Table HC9.4 Space Heating Characteristics by Climate Zone, 2005
Million U.S. Housing Units

Space Heating Characteristics	Housing Units (millions)	Climate Zone ¹					2,000 CDD or More and Less than 4,000 HDD
		Less than 2,000 CDD and --					
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD		
Total	111.1	10.9	26.1	27.3	24.0	22.8	
Do Not Have Space Heating Equipment	1.2	Q	Q	N	0.3	0.8	
Have Main Space Heating Equipment	109.8	10.9	26.0	27.3	23.7	22.0	
Use Main Space Heating Equipment.....	109.1	10.9	26.0	27.3	23.2	21.7	
Have Equipment But Do Not Use It.....	0.8	N	N	Q	0.5	Q	
Main Heating Fuel and Equipment							
Natural Gas.....	58.2	6.2	17.6	14.9	12.6	6.9	
Central Warm-Air Furnace.....	44.7	5.0	13.4	11.0	9.8	5.5	
For One Housing Unit.....	42.9	4.9	12.4	10.5	9.7	5.4	
For Two Housing Units.....	1.8	Q	0.9	0.5	Q	Q	
Steam or Hot Water System.....	8.2	1.0	3.3	3.3	0.3	Q	
For One Housing Unit.....	5.1	0.7	2.3	1.9	Q	Q	
For Two Housing Units.....	3.1	0.3	1.0	1.4	Q	Q	
Floor, Wall or Pipeless Furnace.....	2.3	Q	0.6	0.3	1.4	Q	
Room Heater.....	2.0	Q	Q	Q	0.8	0.8	
Other Equipment.....	0.9	Q	0.2	Q	0.3	0.3	
Electricity.....	33.7	1.0	3.3	7.1	8.1	14.1	
Built-in Electric Units.....	5.0	0.6	1.1	2.0	0.9	0.4	
Central Warm-Air Furnace.....	16.0	0.3	1.3	2.0	4.7	7.6	
For One Housing Unit.....	15.2	0.3	1.2	2.0	4.6	7.1	
For Two Housing Units.....	0.9	N	Q	Q	Q	0.5	
Heat Pump.....	9.2	Q	0.4	2.7	1.8	4.2	
Portable Electric Heater.....	1.6	N	Q	Q	0.6	0.7	
Other Equipment.....	1.9	Q	0.4	Q	Q	1.2	
Fuel Oil.....	7.7	1.5	2.9	3.1	Q	N	
Steam or Hot Water System.....	4.7	0.8	1.7	2.1	Q	N	
For One Housing Unit.....	3.3	Q	1.5	1.2	N	N	
For Two Housing Units.....	1.4	Q	0.3	0.9	Q	N	
Central Warm-Air Furnace.....	2.8	0.7	1.1	0.9	Q	N	
Other Equipment.....	0.3	Q	Q	Q	Q	N	
Wood.....	2.9	0.7	0.4	0.8	0.6	0.4	
Heating Stove.....	2.0	0.4	0.3	0.6	0.5	Q	
Other Equipment.....	0.9	Q	Q	Q	Q	Q	
Propane/LPG.....	6.0	1.3	1.2	1.0	1.9	0.6	
Central Warm-Air Furnace.....	4.1	1.0	1.0	0.8	1.1	0.2	
Room Heater.....	0.9	Q	Q	Q	0.4	Q	
Other Equipment.....	1.0	0.3	Q	Q	0.4	Q	
Kerosene.....	0.7	Q	Q	Q	Q	Q	
Other Fuel.....	0.6	Q	Q	Q	Q	N	
Housing Units Served by Main Heating Equipment							
One Housing Unit.....	101.0	10.2	23.1	23.6	23.0	21.0	
Two or More Housing Units.....	8.8	0.7	2.9	3.7	0.7	1.0	
Do Not Have Heating Equipment.....	1.2	Q	Q	N	0.3	0.8	

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		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Age of Main Heating Equipment						
Used by One Housing Unit						
Less than 2 Years.....	11.7	1.1	2.5	2.5	2.7	2.8
2 to 4 Years.....	13.8	1.4	2.9	2.6	3.0	3.9
5 to 9 Years.....	20.6	2.2	4.4	4.5	4.6	4.9
10 to 19 Years.....	24.8	3.2	5.2	6.0	5.6	4.7
20 Years or More.....	21.5	1.9	5.5	5.6	5.4	3.2
Don't Know.....	8.6	0.5	2.6	2.4	1.7	1.5
Used by Two or More Housing Units						
Less than 2 Years.....	0.3	Q	Q	Q	Q	Q
2 to 4 Years.....	0.4	Q	Q	Q	Q	Q
5 to 9 Years.....	0.6	Q	Q	Q	Q	Q
10 to 19 Years.....	1.1	Q	0.3	0.4	Q	Q
20 Years or More.....	2.7	Q	0.7	1.2	0.3	0.3
Don't Know.....	3.7	0.3	1.3	1.7	Q	Q
Proportion of Heat Provided by Main Heating Equipment						
All or Almost All.....	98.9	9.6	23.7	24.8	20.5	20.5
Do Not Use Main Heating Equipment.....	5.8	0.9	1.3	1.4	1.5	0.8
About Three-Fourths.....	4.3	0.5	1.1	1.1	1.2	0.5
Closer to One-Half.....	2.0	Q	Q	Q	0.8	1.0
Secondary Heating Fuel and Equipment						
No.....	76.2	6.4	18.1	18.6	15.2	17.9
Yes (More than One May Apply)	34.9	4.6	8.0	8.7	8.8	4.9
Natural Gas.....	5.0	0.8	1.2	0.9	1.5	0.6
Fireplace.....	2.7	0.5	0.7	0.4	0.8	0.3
Room Heater.....	0.5	Q	Q	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	Q	0.3	0.4	Q
Other Equipment.....	0.8	Q	Q	Q	Q	Q
Electricity.....	19.7	1.8	4.6	5.3	5.1	2.9
Portable Heater.....	16.0	1.1	3.9	4.1	4.4	2.4
Built-in Electric Units.....	2.2	0.6	0.6	0.5	0.3	Q
Heat Pump.....	0.6	Q	Q	0.3	Q	Q
Other Equipment.....	1.3	Q	0.2	0.4	Q	0.4
Fuel Oil.....	0.4	Q	Q	Q	N	N
Wood.....	8.9	1.5	1.6	2.0	2.3	1.4
Fireplace.....	6.7	0.9	0.9	1.6	2.0	1.3
Heating Stove.....	2.2	0.5	0.8	0.5	0.4	Q
Other Equipment.....	Q	Q	Q	Q	Q	N
Propane/LPG.....	2.3	0.3	0.6	0.7	0.5	Q
Kerosene.....	0.9	Q	0.3	0.3	0.2	N
Other Fuel.....	0.2	Q	Q	Q	N	N

1. One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

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.