

**Table HC2.4 Space Heating Characteristics by Type of Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
<b>Total</b> .....	111.1	72.1	7.6	7.8	16.7	6.9
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.4	Q	Q	0.4	Q
<b>Have Main Space Heating Equipment</b> .....	109.8	71.7	7.5	7.6	16.3	6.8
Use Main Space Heating Equipment.....	109.1	71.5	7.4	7.4	16.0	6.7
Have Equipment But Do Not Use It.....	0.8	Q	Q	Q	Q	Q
<b>Main Heating Fuel and Equipment</b>						
Natural Gas.....	58.2	39.8	4.9	4.4	7.2	1.9
Central Warm-Air Furnace.....	44.7	33.1	3.7	2.3	3.9	1.6
For One Housing Unit.....	42.9	32.8	3.5	2.0	3.0	1.6
For Two Housing Units.....	1.8	0.3	Q	0.4	0.9	N
Steam or Hot Water System.....	8.2	3.4	0.8	1.5	2.5	N
For One Housing Unit.....	5.1	3.4	0.6	0.7	0.4	N
For Two Housing Units.....	3.1	N	Q	0.8	2.2	N
Floor, Wall or Pipeless Furnace.....	2.3	1.2	Q	0.3	0.4	Q
Room Heater.....	2.0	1.4	Q	Q	0.3	Q
Other Equipment.....	0.9	0.6	Q	Q	Q	Q
Electricity.....	33.7	18.7	2.1	2.3	7.7	2.9
Built-in Electric Units.....	5.0	1.8	0.5	0.3	2.3	Q
Central Warm-Air Furnace.....	16.0	7.9	1.0	1.4	3.9	1.9
For One Housing Unit.....	81.5	72.1	7.6	N	N	1.9
For Two Housing Units.....	18.1	N	N	1.4	16.7	N
Heat Pump.....	9.2	7.4	0.3	Q	0.7	0.5
Other Equipment.....	1.3	0.6	Q	Q	Q	N
Fuel Oil.....	7.7	5.5	0.4	0.8	0.9	0.2
Steam or Hot Water System.....	4.7	2.9	Q	0.7	0.8	N
For One Housing Unit.....	3.3	2.9	Q	Q	Q	N
For Two Housing Units.....	1.4	Q	Q	0.5	0.8	N
Central Warm-Air Furnace.....	2.8	2.4	Q	Q	Q	0.2
Other Equipment.....	Q	Q	N	N	N	N
Wood.....	2.9	2.5	Q	Q	Q	0.3
Heating Stove.....	2.0	1.7	Q	Q	N	Q
Other Equipment.....	0.9	0.8	N	Q	Q	Q
Propane/LPG.....	6.0	4.6	Q	Q	Q	1.3
Central Warm-Air Furnace.....	4.1	3.2	Q	N	Q	0.9
Room Heater.....	0.9	0.7	N	Q	N	Q
Other Equipment.....	0.3	Q	N	N	N	Q
Kerosene.....	7.7	5.5	0.4	0.8	0.9	0.2
Other Fuel.....	0.6	0.3	N	Q	0.3	Q
<b>Housing Units Served by Main Heating Equipment</b>						
One Housing Unit.....	101.0	71.0	7.1	5.4	10.8	6.7
Two or More Housing Units.....	8.8	0.7	0.4	2.2	5.5	Q
Do Not Have Heating Equipment.....	1.2	0.4	Q	Q	0.4	Q

**Table HC2.4 Space Heating Characteristics by Type of Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
<b>Age of Main Heating Equipment</b>						
<b>Used by One Housing Unit</b>						
Less than 2 Years.....	11.7	8.6	0.8	0.7	0.8	0.8
2 to 4 Years.....	13.8	10.1	0.8	0.5	1.2	1.2
5 to 9 Years.....	20.6	16.0	1.1	0.7	1.2	1.7
10 to 19 Years.....	24.8	18.2	1.8	0.9	2.3	1.7
20 Years or More.....	21.5	14.7	1.7	1.1	3.1	0.9
Don't Know.....	8.6	3.5	1.0	1.5	2.2	0.6
<b>Used by Two or More Housing Units</b>						
Less than 2 Years.....	0.3	Q	Q	Q	Q	N
2 to 4 Years.....	0.4	Q	Q	Q	0.2	N
5 to 9 Years.....	0.6	Q	Q	Q	0.3	N
10 to 19 Years.....	1.1	Q	Q	Q	0.5	N
20 Years or More.....	2.7	Q	Q	0.7	1.7	Q
Don't Know.....	3.7	Q	Q	1.0	2.5	N
<b>Proportion of Heat Provided by Main Heating Equipment</b>						
All or Almost All.....	100.9	63.6	7.3	7.5	16.1	6.4
About Three-Fourths.....	5.8	5.0	Q	Q	0.2	0.4
Closer to One-Half.....	4.4	3.5	Q	Q	0.4	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)						
No.....	76.2	43.2	6.1	6.6	15.1	5.2
Yes.....	34.9	28.8	1.5	1.2	1.6	1.8
Natural Gas.....	5.0	4.3	0.3	Q	Q	Q
Fireplace.....	2.8	2.4	0.2	Q	Q	N
Room Heater.....	0.6	0.6	Q	N	N	N
Central Warm-Air Furnace.....	1.1	1.0	N	Q	N	Q
Other Equipment.....	0.4	0.3	N	N	N	Q
Electricity.....	19.7	15.5	0.9	0.8	1.4	1.1
Portable Heater.....	16.0	12.4	0.8	0.7	1.1	0.9
Built-in Electric Units.....	2.2	1.9	Q	Q	Q	Q
Heat Pump.....	0.6	0.6	N	N	Q	N
Other Equipment.....	0.4	0.3	N	N	Q	Q
Fuel Oil.....	0.4	0.4	N	N	N	N
Wood.....	8.9	8.1	Q	Q	Q	0.3
Fireplace.....	6.7	6.0	Q	Q	Q	Q
Heating Stove.....	2.2	2.1	Q	N	N	Q
Other Equipment.....	Q	Q	N	N	N	N
Propane/LPG.....	2.3	2.2	N	N	N	Q
Kerosene.....	2.3	2.2	N	N	N	Q
Other Fuel.....	0.2	Q	Q	N	N	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.

**Table HC3.4 Space Heating Characteristics by Owner-Occupied Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Total</b> .....	111.1	78.1	64.1	4.2	1.8	2.3	5.7
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.6	0.3	N	Q	Q	Q
<b>Have Main Space Heating Equipment</b> .....	109.8	77.5	63.7	4.2	1.8	2.2	5.6
Use Main Space Heating Equipment.....	109.1	77.2	63.6	4.2	1.8	2.1	5.6
Have Equipment But Do Not Use It.....	0.8	0.3	Q	N	Q	Q	Q
<b>Main Heating Fuel and Equipment</b>							
Natural Gas.....	58.2	41.8	35.3	2.8	1.2	1.0	1.6
Central Warm-Air Furnace.....	44.7	34.8	29.7	2.3	0.7	0.6	1.4
For One Housing Unit.....	42.9	34.3	29.5	2.3	0.6	0.6	1.4
For Two Housing Units.....	1.8	0.4	Q	N	Q	Q	N
Steam or Hot Water System.....	8.2	4.2	3.1	0.4	0.5	Q	N
For One Housing Unit.....	5.1	3.8	3.1	0.4	0.3	Q	N
For Two Housing Units.....	3.1	0.5	N	Q	Q	Q	N
Floor, Wall or Pipeless Furnace.....	2.3	1.0	0.8	Q	N	Q	Q
Room Heater.....	2.0	1.1	1.0	Q	Q	N	Q
Other Equipment.....	0.9	0.6	0.5	N	Q	N	Q
Electricity.....	33.7	21.3	16.5	0.9	0.3	1.1	2.4
Built-in Electric Units.....	5.0	1.9	1.6	Q	N	Q	Q
Central Warm-Air Furnace.....	16.0	9.4	6.7	0.4	Q	0.6	1.5
For One Housing Unit.....	81.5	69.7	64.1	4.2	N	N	1.5
For Two Housing Units.....	18.1	2.5	N	N	Q	2.3	N
Heat Pump.....	9.2	8.2	7.1	Q	Q	Q	0.5
Other Equipment.....	1.3	0.5	0.4	N	N	Q	N
Fuel Oil.....	7.7	5.8	5.0	0.3	0.3	Q	Q
Steam or Hot Water System.....	4.7	3.1	2.6	Q	Q	Q	N
For One Housing Unit.....	3.3	2.9	2.6	Q	Q	N	N
For Two Housing Units.....	1.4	0.2	Q	Q	Q	Q	N
Central Warm-Air Furnace.....	2.8	2.4	2.2	Q	Q	N	Q
Other Equipment.....	Q	Q	Q	N	N	N	N
Wood.....	2.9	2.6	2.3	Q	N	N	Q
Heating Stove.....	2.0	1.7	1.5	Q	N	N	Q
Other Equipment.....	0.9	0.8	0.8	N	N	N	Q
Propane/LPG.....	6.0	5.2	4.1	Q	N	Q	1.0
Central Warm-Air Furnace.....	4.1	3.6	2.8	Q	N	Q	0.7
Room Heater.....	0.9	0.8	0.6	N	N	N	Q
Other Equipment.....	0.3	0.3	Q	N	N	N	Q
Kerosene.....	7.7	5.8	5.0	0.3	0.3	Q	Q
Other Fuel.....	0.6	0.3	0.3	N	N	N	Q
<b>Housing Units Served by Main Heating Equipment</b>							
One Housing Unit.....	101.0	76.0	63.2	4.1	1.3	1.8	5.6
Two or More Housing Units.....	8.8	1.4	0.5	Q	0.5	0.4	N
Do Not Have Heating Equipment.....	1.2	0.6	0.3	N	Q	Q	Q

**Table HC3.4 Space Heating Characteristics by Owner-Occupied Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Age of Main Heating Equipment</b>							
<b>Used by One Housing Unit</b>							
Less than 2 Years.....	11.7	9.1	7.8	0.5	Q	Q	0.7
2 to 4 Years.....	13.8	11.1	9.1	0.5	Q	Q	1.0
5 to 9 Years.....	20.6	17.5	14.9	0.7	0.3	Q	1.4
10 to 19 Years.....	24.8	20.1	16.5	1.2	0.3	0.7	1.4
20 Years or More.....	21.5	15.4	13.0	1.0	0.3	0.5	0.7
Don't Know.....	8.6	2.9	2.0	Q	Q	Q	0.4
<b>Used by Two or More Housing Units</b>							
Less than 2 Years.....	0.3	Q	Q	N	Q	N	N
2 to 4 Years.....	0.4	Q	Q	N	Q	N	N
5 to 9 Years.....	0.6	Q	Q	Q	Q	N	N
10 to 19 Years.....	1.1	0.5	Q	Q	Q	Q	N
20 Years or More.....	2.7	0.5	Q	Q	Q	Q	N
Don't Know.....	3.7	Q	N	N	Q	Q	N
<b>Proportion of Heat Provided by Main Heating Equipment</b>							
All or Almost All.....	100.9	69.6	56.3	3.9	1.8	2.3	5.3
About Three-Fourths.....	5.8	5.0	4.6	Q	Q	N	0.3
Closer to One-Half.....	4.4	3.5	3.2	Q	N	N	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)							
No.....	76.2	48.4	37.4	3.2	1.5	2.2	4.2
Yes.....	34.9	29.7	26.7	0.9	0.4	Q	1.6
Natural Gas.....	5.0	4.6	4.1	0.3	Q	Q	Q
Fireplace.....	2.8	2.6	2.3	Q	Q	Q	N
Room Heater.....	0.6	0.6	0.6	Q	N	N	N
Central Warm-Air Furnace.....	1.1	1.0	1.0	N	N	N	Q
Other Equipment.....	0.4	0.4	0.3	N	N	N	Q
Electricity.....	19.7	15.7	14.0	0.5	0.2	Q	0.9
Portable Heater.....	16.0	12.5	11.0	0.4	0.2	Q	0.8
Built-in Electric Units.....	2.2	1.8	1.7	Q	N	N	Q
Heat Pump.....	0.6	0.6	0.6	N	N	N	N
Other Equipment.....	0.4	0.3	0.3	N	N	N	Q
Fuel Oil.....	0.4	0.4	0.4	N	N	N	N
Wood.....	8.9	8.2	7.6	Q	Q	Q	0.3
Fireplace.....	6.7	6.2	5.7	Q	Q	Q	Q
Heating Stove.....	2.2	2.1	2.0	Q	N	N	Q
Other Equipment.....	Q	Q	Q	N	N	N	N
Propane/LPG.....	2.3	2.2	2.1	N	N	N	Q
Kerosene.....	2.3	2.2	2.1	N	N	N	Q
Other Fuel.....	0.2	0.2	Q	Q	N	N	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.

**Table HC4.4 Space Heating Characteristics by Renter-Occupied Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Total.....</b>	111.1	33.0	8.0	3.4	5.9	14.4	1.2
<b>Do Not Have Space Heating Equipment.....</b>	1.2	0.6	Q	Q	Q	0.3	Q
<b>Have Main Space Heating Equipment.....</b>	109.8	32.3	8.0	3.3	5.8	14.1	1.1
Use Main Space Heating Equipment.....	109.1	31.8	8.0	3.2	5.6	13.9	1.1
Have Equipment But Do Not Use It.....	0.8	0.5	N	Q	Q	Q	Q
<b>Main Heating Fuel and Equipment</b>							
Natural Gas.....	58.2	16.4	4.5	2.1	3.2	6.2	0.3
Central Warm-Air Furnace.....	44.7	10.0	3.3	1.4	1.6	3.3	0.3
For One Housing Unit.....	42.9	8.6	3.3	1.2	1.4	2.4	0.3
For Two Housing Units.....	1.8	1.4	Q	Q	0.2	0.9	N
Steam or Hot Water System.....	8.2	3.9	0.3	0.4	1.0	2.3	N
For One Housing Unit.....	5.1	1.3	0.3	0.2	0.5	0.3	N
For Two Housing Units.....	3.1	2.6	N	Q	0.5	2.0	N
Floor, Wall or Pipeless Furnace.....	2.3	1.3	0.4	Q	0.3	0.4	Q
Room Heater.....	2.0	0.9	0.4	Q	Q	0.3	Q
Other Equipment.....	0.9	0.3	Q	Q	Q	Q	N
Electricity.....	33.7	12.4	2.2	1.1	1.9	6.6	0.5
Built-in Electric Units.....	5.0	3.1	0.3	0.3	0.3	2.2	Q
Central Warm-Air Furnace.....	16.0	6.7	1.3	0.6	1.2	3.2	0.4
For One Housing Unit.....	81.5	11.8	8.0	3.4	N	N	0.4
For Two Housing Units.....	18.1	15.6	N	N	1.2	14.4	N
Heat Pump.....	9.2	0.9	0.3	Q	Q	0.4	Q
Other Equipment.....	1.3	0.7	Q	Q	Q	Q	N
Fuel Oil.....	7.7	1.9	0.5	Q	0.5	0.8	Q
Steam or Hot Water System.....	4.7	1.6	0.3	Q	0.5	0.8	N
For One Housing Unit.....	3.3	0.4	0.3	Q	Q	Q	N
For Two Housing Units.....	1.4	1.1	Q	N	0.4	0.7	N
Central Warm-Air Furnace.....	2.8	0.3	0.2	Q	Q	Q	Q
Other Equipment.....	Q	N	N	N	N	N	N
Wood.....	2.9	0.3	Q	N	Q	Q	Q
Heating Stove.....	2.0	Q	Q	N	Q	N	N
Other Equipment.....	0.9	Q	Q	N	Q	Q	Q
Propane/LPG.....	6.0	0.8	0.5	N	Q	Q	0.2
Central Warm-Air Furnace.....	4.1	0.5	0.3	N	N	Q	Q
Room Heater.....	0.9	Q	Q	N	Q	N	Q
Other Equipment.....	0.3	Q	Q	N	N	N	N
Kerosene.....	7.7	1.9	0.5	Q	0.5	0.8	Q
Other Fuel.....	0.6	0.3	N	N	Q	0.3	N
<b>Housing Units Served by Main Heating Equipment</b>							
One Housing Unit.....	101.0	25.0	7.8	3.0	4.1	9.0	1.1
Two or More Housing Units.....	8.8	7.4	Q	0.4	1.7	5.1	Q
Do Not Have Heating Equipment.....	1.2	0.6	Q	Q	Q	0.3	Q

**Table HC4.4 Space Heating Characteristics by Renter-Occupied Housing Unit, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Age of Main Heating Equipment</b>							
<b>Used by One Housing Unit</b>							
Less than 2 Years.....	11.7	2.5	0.9	0.3	0.6	0.6	Q
2 to 4 Years.....	13.8	2.7	1.0	0.2	0.4	1.0	Q
5 to 9 Years.....	20.6	3.2	1.1	0.3	0.4	1.1	0.3
10 to 19 Years.....	24.8	4.7	1.7	0.6	0.5	1.6	0.2
20 Years or More.....	21.5	6.2	1.8	0.7	0.8	2.7	0.2
Don't Know.....	8.6	5.7	1.4	0.7	1.4	2.0	Q
<b>Used by Two or More Housing Units</b>							
Less than 2 Years.....	0.3	0.3	N	Q	Q	Q	N
2 to 4 Years.....	0.4	0.3	Q	Q	Q	0.2	N
5 to 9 Years.....	0.6	0.4	Q	N	Q	0.3	N
10 to 19 Years.....	1.1	0.6	N	Q	Q	0.4	N
20 Years or More.....	2.7	2.1	Q	Q	0.5	1.5	Q
Don't Know.....	3.7	3.6	Q	Q	0.9	2.5	N
<b>Proportion of Heat Provided by Main Heating Equipment</b>							
All or Almost All.....	100.9	31.3	7.3	3.4	5.7	13.8	1.1
About Three-Fourths.....	5.8	0.8	0.4	Q	Q	0.2	Q
Closer to One-Half.....	4.4	0.9	0.3	Q	Q	0.4	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)							
No.....	76.2	27.8	5.8	2.9	5.1	12.9	1.0
Yes.....	34.9	5.2	2.2	0.5	0.8	1.5	0.2
Natural Gas.....	5.0	0.4	Q	Q	Q	Q	N
Fireplace.....	2.8	0.2	Q	Q	Q	Q	N
Room Heater.....	0.6	Q	Q	N	N	N	N
Central Warm-Air Furnace.....	1.1	Q	Q	N	Q	N	N
Other Equipment.....	0.4	N	N	N	N	N	N
Electricity.....	19.7	4.0	1.5	0.4	0.5	1.3	0.2
Portable Heater.....	16.0	3.5	1.4	0.4	0.5	1.1	Q
Built-in Electric Units.....	2.2	0.4	Q	Q	Q	Q	Q
Heat Pump.....	0.6	Q	N	N	N	Q	N
Other Equipment.....	0.4	Q	N	N	N	Q	N
Fuel Oil.....	0.4	N	N	N	N	N	N
Wood.....	8.9	0.7	0.4	Q	Q	Q	Q
Fireplace.....	6.7	0.5	0.3	Q	Q	Q	Q
Heating Stove.....	2.2	Q	Q	N	N	N	N
Other Equipment.....	Q	N	N	N	N	N	N
Propane/LPG.....	2.3	Q	Q	N	N	N	N
Kerosene.....	2.3	Q	Q	N	N	N	N
Other Fuel.....	0.2	N	N	N	N	N	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.

**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
<b>Total</b> .....	111.1	14.7	7.4	12.5	12.5	18.9	18.6	17.3	9.2
<b>Do Not Have Space Heating Equipment</b> .....	1.2	N	Q	Q	0.2	0.4	0.2	0.2	Q
<b>Have Main Space Heating Equipment</b> .....	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
<b>Main Heating Fuel and Equipment</b>									
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.....	81.5	10.8	6.0	10.7	9.2	12.1	12.3	13.2	7.2
For Two Housing Units.....	18.1	1.4	1.0	1.1	2.2	4.5	3.9	2.5	1.5
Heat Pump.....	9.2	Q	Q	0.4	0.7	1.4	2.5	2.6	1.4
Other Equipment.....	1.3	Q	Q	Q	Q	Q	Q	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.....	Q	N	N	Q	N	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.....	0.3	Q	Q	Q	Q	Q	Q	Q	N
Kerosene.....	7.7	2.6	0.9	1.4	0.9	0.9	0.4	0.3	0.2
Other Fuel.....	0.6	Q	Q	Q	Q	Q	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>									
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

**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
<b>Age of Main Heating Equipment</b>									
<b>Used by One Housing Unit</b>									
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
<b>Used by Two or More Housing Units</b>									
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
<b>Proportion of Heat Provided by Main Heating Equipment</b>									
All or Almost All.....	100.9	13.2	6.7	11.4	11.1	17.3	16.9	15.8	8.5
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.....	4.4	0.5	0.4	0.5	0.7	0.7	0.7	0.7	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)									
No.....	76.2	9.6	4.9	9.0	8.5	13.4	12.7	11.5	6.7
Yes.....	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.....	2.8	Q	Q	Q	Q	Q	0.6	0.9	0.5
Room Heater.....	0.6	Q	Q	Q	Q	Q	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	Q	Q	Q	Q	Q	Q	Q
Other Equipment.....	0.4	Q	Q	Q	Q	Q	Q	Q	N
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.....	0.4	N	N	N	Q	Q	Q	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	N	N	Q	Q	N
Propane/LPG.....	2.3	0.4	Q	Q	Q	0.4	0.4	0.6	0.3
Kerosene.....	2.3	0.4	Q	Q	Q	0.4	0.4	0.6	0.3
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.



**Table HC6.4 Space Heating Characteristics by Number of Household Members, 2005  
Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
<b>Total</b> .....	111.1	30.0	34.8	18.4	15.9	12.0
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.3	0.3	Q	0.2	0.2
<b>Have Main Space Heating Equipment</b> .....	109.8	29.7	34.5	18.2	15.6	11.8
Use Main Space Heating Equipment.....	109.1	29.5	34.4	18.1	15.5	11.6
Have Equipment But Do Not Use It.....	0.8	Q	Q	Q	Q	Q
<b>Main Heating Fuel and Equipment</b>						
Natural Gas.....	58.2	15.6	18.0	9.5	8.4	6.7
Central Warm-Air Furnace.....	44.7	10.7	14.3	7.6	6.9	5.2
For One Housing Unit.....	42.9	10.1	13.8	7.3	6.5	5.2
For Two Housing Units.....	1.8	0.6	0.5	0.4	0.3	Q
Steam or Hot Water System.....	8.2	3.0	2.3	1.0	1.0	0.9
For One Housing Unit.....	5.1	1.4	1.6	0.6	0.7	0.7
For Two Housing Units.....	3.1	1.5	0.7	0.3	0.3	Q
Floor, Wall or Pipeless Furnace.....	2.3	0.9	0.6	0.4	Q	0.2
Room Heater.....	2.0	0.7	0.5	0.3	0.3	0.2
Other Equipment.....	0.9	0.3	0.2	0.2	Q	Q
Electricity.....	33.7	9.9	10.1	5.4	4.7	3.5
Built-in Electric Units.....	5.0	1.9	1.7	0.7	0.4	0.4
Central Warm-Air Furnace.....	16.0	4.8	4.0	2.8	2.5	1.9
For One Housing Unit.....	81.5	17.8	27.2	13.8	12.7	10.1
For Two Housing Units.....	18.1	8.4	4.6	2.5	1.7	0.9
Heat Pump.....	9.2	2.2	3.6	1.5	1.2	0.7
Other Equipment.....	1.3	Q	Q	Q	Q	Q
Fuel Oil.....	7.7	2.0	2.5	1.6	1.0	0.7
Steam or Hot Water System.....	4.7	1.4	1.3	0.9	0.5	0.5
For One Housing Unit.....	3.3	0.9	1.0	0.7	0.4	0.4
For Two Housing Units.....	1.4	0.5	0.3	0.3	Q	Q
Central Warm-Air Furnace.....	2.8	0.6	1.0	0.6	0.4	0.2
Other Equipment.....	Q	N	Q	Q	Q	N
Wood.....	2.9	0.4	1.1	0.6	0.5	0.2
Heating Stove.....	2.0	0.3	0.8	0.4	0.3	Q
Other Equipment.....	0.9	Q	0.3	Q	Q	Q
Propane/LPG.....	6.0	1.3	2.5	0.9	0.9	0.5
Central Warm-Air Furnace.....	4.1	0.8	1.7	0.7	0.6	0.4
Room Heater.....	0.9	0.2	0.3	Q	Q	Q
Other Equipment.....	0.3	Q	Q	Q	Q	Q
Kerosene.....	7.7	2.0	2.5	1.6	1.0	0.7
Other Fuel.....	0.6	Q	0.3	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>						
One Housing Unit.....	101.0	26.2	32.3	16.7	14.5	11.3
Two or More Housing Units.....	8.8	3.6	2.2	1.5	1.1	0.5
Do Not Have Heating Equipment.....	1.2	0.3	0.3	Q	0.2	0.2

**Table HC6.4 Space Heating Characteristics by Number of Household Members, 2005  
Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
<b>Age of Main Heating Equipment</b>						
<b>Used by One Housing Unit</b>						
Less than 2 Years.....	11.7	2.6	3.8	2.1	1.5	1.6
2 to 4 Years.....	13.8	3.0	4.6	2.4	2.3	1.4
5 to 9 Years.....	20.6	4.2	7.1	3.5	3.3	2.5
10 to 19 Years.....	24.8	7.0	7.8	4.1	3.7	2.2
20 Years or More.....	21.5	7.0	7.0	3.0	2.4	2.1
Don't Know.....	8.6	2.3	2.1	1.5	1.3	1.4
<b>Used by Two or More Housing Units</b>						
Less than 2 Years.....	0.3	Q	Q	N	Q	N
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	0.4	0.3	Q	Q
20 Years or More.....	2.7	1.2	0.6	0.3	0.3	Q
Don't Know.....	3.7	1.7	0.8	0.6	0.4	0.2
<b>Proportion of Heat Provided by Main Heating Equipment</b>						
All or Almost All.....	100.9	27.8	31.6	16.1	14.5	10.9
About Three-Fourths.....	5.8	1.4	1.8	1.2	0.8	0.6
Closer to One-Half.....	4.4	0.9	1.4	1.0	0.5	0.5
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)						
No.....	76.2	22.6	22.4	11.6	10.8	8.8
Yes.....	34.9	7.5	12.4	6.8	5.1	3.2
Natural Gas.....	5.0	0.7	2.2	0.9	0.7	0.5
Fireplace.....	2.8	0.4	1.2	0.5	0.4	0.3
Room Heater.....	0.6	Q	0.3	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	0.4	Q	Q	Q
Other Equipment.....	0.4	Q	Q	Q	N	Q
Electricity.....	19.7	4.7	6.3	3.8	3.0	1.9
Portable Heater.....	16.0	3.9	5.1	3.0	2.3	1.6
Built-in Electric Units.....	2.2	0.4	0.9	0.4	0.3	Q
Heat Pump.....	0.6	Q	Q	Q	Q	Q
Other Equipment.....	0.4	Q	Q	Q	N	Q
Fuel Oil.....	0.4	Q	0.3	N	Q	Q
Wood.....	8.9	1.6	3.4	1.9	1.5	0.6
Fireplace.....	6.7	1.2	2.5	1.5	1.2	0.5
Heating Stove.....	2.2	0.4	0.9	0.5	0.3	Q
Other Equipment.....	Q	N	Q	N	Q	N
Propane/LPG.....	2.3	0.4	1.0	0.4	0.4	Q
Kerosene.....	2.3	0.4	1.0	0.4	0.4	Q
Other Fuel.....	0.2	Q	Q	Q	N	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.

**Table HC7.4 Space Heating Characteristics by Household Income, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
<b>Total</b> .....	111.1	26.7	28.8	20.6	13.1	22.0	16.6	38.6
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.5	0.3	0.2	Q	0.2	0.3	0.6
<b>Have Main Space Heating Equipment</b> .....	109.8	26.2	28.5	20.4	13.0	21.8	16.3	37.9
Use Main Space Heating Equipment.....	109.1	25.9	28.1	20.3	12.9	21.8	16.0	37.3
Have Equipment But Do Not Use It.....	0.8	0.3	0.3	Q	Q	N	0.4	0.6
<b>Main Heating Fuel and Equipment</b>								
Natural Gas.....	58.2	12.2	14.4	11.3	7.1	13.2	7.6	18.3
Central Warm-Air Furnace.....	44.7	7.5	10.8	9.3	5.6	11.4	4.6	12.0
For One Housing Unit.....	42.9	6.9	10.3	9.1	5.4	11.3	4.1	11.0
For Two Housing Units.....	1.8	0.6	0.6	Q	Q	Q	0.4	0.9
Steam or Hot Water System.....	8.2	2.4	2.5	1.0	1.0	1.3	1.5	3.6
For One Housing Unit.....	5.1	0.9	1.5	0.8	0.8	1.1	0.6	1.8
For Two Housing Units.....	3.1	1.5	1.0	Q	Q	0.2	0.9	1.8
Floor, Wall or Pipeless Furnace.....	2.3	0.9	0.4	0.4	Q	0.3	0.6	1.0
Room Heater.....	2.0	0.9	0.4	0.5	Q	Q	0.6	1.1
Other Equipment.....	0.9	0.4	0.2	Q	Q	Q	0.3	0.5
Electricity.....	33.7	8.9	9.4	6.1	3.7	5.6	5.6	12.5
Built-in Electric Units.....	5.0	1.8	1.4	0.8	0.4	0.6	1.0	2.4
Central Warm-Air Furnace.....	16.0	4.7	4.7	2.9	1.5	2.3	3.2	6.5
For One Housing Unit.....	81.5	14.2	19.8	16.5	11.2	19.8	8.4	22.6
For Two Housing Units.....	18.1	7.7	5.2	2.6	1.2	1.5	5.0	9.7
Heat Pump.....	9.2	1.2	2.2	2.0	1.3	2.4	0.6	1.9
Other Equipment.....	1.3	Q	Q	Q	0.5	Q	Q	Q
Fuel Oil.....	7.7	2.2	1.7	1.3	0.9	1.6	1.2	3.0
Steam or Hot Water System.....	4.7	1.5	1.0	0.7	0.6	0.9	0.9	1.9
For One Housing Unit.....	3.3	0.7	0.7	0.5	0.6	0.8	0.3	1.0
For Two Housing Units.....	1.4	0.8	0.3	Q	Q	Q	0.6	0.9
Central Warm-Air Furnace.....	2.8	0.6	0.7	0.6	0.3	0.6	0.3	1.0
Other Equipment.....	Q	N	Q	N	Q	Q	N	Q
Wood.....	2.9	0.7	0.9	0.5	0.4	0.4	0.7	1.2
Heating Stove.....	2.0	0.5	0.6	0.3	Q	0.3	0.5	0.8
Other Equipment.....	0.9	Q	0.3	Q	Q	Q	Q	0.4
Propane/LPG.....	6.0	1.4	1.7	1.1	0.9	0.9	0.9	2.0
Central Warm-Air Furnace.....	4.1	0.7	1.1	0.9	0.7	0.8	0.4	1.0
Room Heater.....	0.9	0.4	Q	Q	Q	N	0.3	0.6
Other Equipment.....	0.3	Q	Q	Q	Q	Q	Q	Q
Kerosene.....	7.7	2.2	1.7	1.3	0.9	1.6	1.2	3.0
Other Fuel.....	0.6	Q	Q	Q	Q	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>								
One Housing Unit.....	101.0	22.3	25.7	19.4	12.4	21.2	13.7	32.8
Two or More Housing Units.....	8.8	3.9	2.7	1.0	0.6	0.6	2.6	5.1
Do Not Have Heating Equipment.....	1.2	0.5	0.3	0.2	Q	0.2	0.3	0.6

**Table HC7.4 Space Heating Characteristics by Household Income, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
<b>Age of Main Heating Equipment</b>								
<b>Used by One Housing Unit</b>								
Less than 2 Years.....	11.7	2.4	2.7	1.9	1.6	3.0	1.4	3.6
2 to 4 Years.....	13.8	2.7	3.4	2.9	1.7	3.1	1.8	4.1
5 to 9 Years.....	20.6	3.5	4.9	4.3	3.0	5.0	2.0	5.3
10 to 19 Years.....	24.8	4.8	6.0	5.1	3.1	5.8	2.6	7.0
20 Years or More.....	21.5	5.7	6.3	4.2	2.1	3.2	3.5	8.3
Don't Know.....	8.6	3.3	2.4	1.0	0.9	1.1	2.3	4.5
<b>Used by Two or More Housing Units</b>								
Less than 2 Years.....	0.3	Q	Q	Q	Q	N	Q	Q
2 to 4 Years.....	0.4	Q	0.3	Q	N	Q	Q	Q
5 to 9 Years.....	0.6	Q	Q	Q	Q	Q	Q	0.2
10 to 19 Years.....	1.1	Q	0.3	Q	Q	Q	Q	0.4
20 Years or More.....	2.7	1.3	0.7	Q	Q	0.2	1.0	1.6
Don't Know.....	3.7	2.0	1.2	0.3	Q	Q	1.2	2.6
<b>Proportion of Heat Provided by Main Heating Equipment</b>								
All or Almost All.....	100.9	25.0	26.3	18.9	11.4	19.3	15.3	35.9
About Three-Fourths.....	5.8	0.9	1.4	1.0	1.2	1.5	0.8	1.4
Closer to One-Half.....	4.4	0.9	1.1	0.7	0.5	1.2	0.6	1.3
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)								
No.....	76.2	20.8	20.4	14.0	8.6	12.4	13.0	29.5
Yes.....	34.9	5.9	8.4	6.6	4.4	9.5	3.7	9.0
Natural Gas.....	5.0	0.4	1.1	0.7	0.7	2.2	0.2	0.7
Fireplace.....	2.8	Q	0.4	0.4	0.5	1.4	Q	Q
Room Heater.....	0.6	Q	Q	Q	Q	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	0.3	Q	Q	0.4	Q	0.3
Other Equipment.....	0.4	N	Q	Q	N	Q	N	N
Electricity.....	19.7	4.0	5.0	3.7	2.5	4.6	2.6	5.8
Portable Heater.....	16.0	3.4	4.1	3.3	1.8	3.4	2.2	5.0
Built-in Electric Units.....	2.2	0.3	0.5	0.3	0.5	0.6	Q	0.4
Heat Pump.....	0.6	Q	Q	Q	Q	0.5	Q	Q
Other Equipment.....	0.4	Q	Q	Q	Q	Q	Q	Q
Fuel Oil.....	0.4	Q	Q	Q	Q	Q	N	Q
Wood.....	8.9	1.1	1.8	1.9	1.2	2.9	0.5	1.8
Fireplace.....	6.7	0.9	1.2	1.5	0.9	2.2	0.3	1.2
Heating Stove.....	2.2	0.2	0.6	0.5	0.3	0.7	0.1	0.5
Other Equipment.....	Q	N	N	Q	N	Q	N	N
Propane/LPG.....	2.3	0.3	0.5	0.5	0.3	0.7	Q	0.5
Kerosene.....	2.3	0.3	0.5	0.5	0.3	0.7	Q	0.5
Other Fuel.....	0.2	Q	Q	N	Q	Q	N	Q

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.

**Table HC8.4 Space Heating Characteristics by Urban/Rural Location, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
<b>Total</b> .....	111.1	47.1	19.0	22.7	22.3
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.7	Q	0.2	Q
<b>Have Main Space Heating Equipment</b> .....	109.8	46.3	18.9	22.5	22.1
Use Main Space Heating Equipment.....	109.1	45.6	18.8	22.5	22.1
Have Equipment But Do Not Use It.....	0.8	0.7	Q	N	N
<b>Main Heating Fuel and Equipment</b>					
Natural Gas.....	58.2	27.0	11.9	14.9	4.3
Central Warm-Air Furnace.....	44.7	19.8	8.6	12.8	3.6
For One Housing Unit.....	42.9	18.8	8.3	12.3	3.5
For Two Housing Units.....	1.8	1.0	0.3	0.4	Q
Steam or Hot Water System.....	8.2	4.4	2.1	1.4	0.3
For One Housing Unit.....	5.1	2.1	1.6	1.0	0.3
For Two Housing Units.....	3.1	2.2	0.5	Q	N
Floor, Wall or Pipeless Furnace.....	2.3	1.2	0.5	0.4	Q
Room Heater.....	2.0	1.1	0.5	Q	Q
Other Equipment.....	0.9	0.4	0.3	Q	Q
Electricity.....	33.7	15.9	4.6	5.8	7.4
Built-in Electric Units.....	5.0	2.5	0.8	0.9	0.9
Central Warm-Air Furnace.....	16.0	7.9	2.7	2.3	3.2
For One Housing Unit.....	81.5	29.4	14.4	18.7	19.1
For Two Housing Units.....	18.1	11.9	3.0	2.8	0.4
Heat Pump.....	9.2	3.4	0.8	2.2	2.7
Other Equipment.....	1.3	0.8	Q	Q	Q
Fuel Oil.....	7.7	2.4	1.7	1.2	2.4
Steam or Hot Water System.....	4.7	1.8	0.9	0.8	1.2
For One Housing Unit.....	3.3	0.8	0.7	0.7	1.0
For Two Housing Units.....	1.4	1.0	Q	Q	Q
Central Warm-Air Furnace.....	2.8	0.6	0.7	0.5	1.0
Other Equipment.....	Q	Q	Q	N	Q
Wood.....	2.9	0.3	Q	Q	2.3
Heating Stove.....	2.0	Q	Q	Q	1.5
Other Equipment.....	0.9	Q	Q	N	0.7
Propane/LPG.....	6.0	0.3	0.2	0.3	5.2
Central Warm-Air Furnace.....	4.1	Q	Q	Q	3.7
Room Heater.....	0.9	Q	Q	Q	0.7
Other Equipment.....	0.3	Q	Q	N	0.3
Kerosene.....	7.7	2.4	1.7	1.2	2.4
Other Fuel.....	0.6	0.3	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>					
One Housing Unit.....	101.0	40.5	17.6	21.2	21.7
Two or More Housing Units.....	8.8	5.8	1.3	1.3	0.4
Do Not Have Heating Equipment.....	1.2	0.7	Q	0.2	Q

**Table HC8.4 Space Heating Characteristics by Urban/Rural Location, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
<b>Age of Main Heating Equipment</b>					
<b>Used by One Housing Unit</b>					
Less than 2 Years.....	11.7	4.6	2.0	2.5	2.6
2 to 4 Years.....	13.8	5.1	2.6	3.0	3.1
5 to 9 Years.....	20.6	7.2	3.5	4.4	5.5
10 to 19 Years.....	24.8	9.1	3.7	6.1	6.0
20 Years or More.....	21.5	9.9	4.0	4.0	3.6
Don't Know.....	8.6	4.6	1.8	1.2	1.0
<b>Used by Two or More Housing Units</b>					
Less than 2 Years.....	0.3	Q	Q	Q	N
2 to 4 Years.....	0.4	0.2	Q	Q	Q
5 to 9 Years.....	0.6	0.3	Q	Q	Q
10 to 19 Years.....	1.1	0.5	Q	Q	Q
20 Years or More.....	2.7	2.1	0.3	Q	Q
Don't Know.....	3.7	2.5	0.6	Q	Q
<b>Proportion of Heat Provided by Main Heating Equipment</b>					
All or Almost All.....	100.9	44.0	17.4	20.8	18.7
About Three-Fourths.....	5.8	1.7	0.9	1.1	2.2
Closer to One-Half.....	4.4	1.5	0.7	0.7	1.5
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)					
No.....	76.2	35.4	13.9	15.3	11.6
Yes.....	34.9	11.7	5.1	7.3	10.8
Natural Gas.....	5.0	1.8	0.7	1.7	0.7
Fireplace.....	2.8	1.0	0.3	1.1	0.4
Room Heater.....	0.6	Q	Q	Q	Q
Central Warm-Air Furnace.....	1.1	0.4	Q	0.3	Q
Other Equipment.....	0.4	Q	Q	Q	Q
Electricity.....	19.7	7.5	3.0	4.0	5.2
Portable Heater.....	16.0	6.2	2.6	3.3	3.8
Built-in Electric Units.....	2.2	0.8	Q	0.5	0.7
Heat Pump.....	0.6	Q	Q	Q	0.3
Other Equipment.....	0.4	Q	N	Q	Q
Fuel Oil.....	0.4	N	Q	Q	Q
Wood.....	8.9	2.6	1.2	1.6	3.4
Fireplace.....	6.7	2.3	1.0	1.4	2.0
Heating Stove.....	2.2	0.3	0.3	0.3	1.3
Other Equipment.....	Q	Q	Q	N	Q
Propane/LPG.....	2.3	Q	Q	0.3	1.8
Kerosene.....	2.3	Q	Q	0.3	1.8
Other Fuel.....	0.2	Q	Q	Q	Q

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.

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

Space Heating Characteristics	Housing Units (millions)	Climate Zone <sup>1</sup>					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		
<b>Total</b> .....	111.1	10.9	26.1	27.3	24.0	22.8	
<b>Do Not Have Space Heating Equipment</b> .....	1.2	Q	Q	N	0.3	0.8	
<b>Have Main Space Heating Equipment</b> .....	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	
<b>Main Heating Fuel and Equipment</b>							
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.....	81.5	8.9	18.8	19.3	17.4	17.1	
For Two Housing Units.....	18.1	1.0	4.1	4.8	4.0	4.3	
Heat Pump.....	9.2	Q	0.4	2.7	1.8	4.2	
Other Equipment.....	1.3	N	Q	Q	N	1.1	
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.....	Q	N	Q	N	N	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.....	0.3	Q	Q	Q	Q	Q	
Kerosene.....	7.7	1.5	2.9	3.1	Q	N	
Other Fuel.....	0.6	Q	Q	Q	Q	N	
<b>Housing Units Served by Main Heating Equipment</b>							
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	

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

Space Heating Characteristics	Housing Units (millions)	Climate Zone <sup>1</sup>				
		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	
<b>Age of Main Heating Equipment</b>						
<b>Used by One Housing Unit</b>						
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
<b>Used by Two or More Housing Units</b>						
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
<b>Proportion of Heat Provided by Main Heating Equipment</b>						
All or Almost All.....	100.9	9.6	23.8	24.8	21.3	21.5
About Three-Fourths.....	5.8	0.9	1.3	1.4	1.5	0.8
Closer to One-Half.....	4.4	0.5	1.1	1.1	1.2	0.5
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)						
No.....	76.2	6.4	18.1	18.6	15.2	17.9
Yes.....	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.....	2.8	0.5	0.7	0.4	0.8	0.3
Room Heater.....	0.6	Q	Q	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	Q	0.3	0.4	Q
Other Equipment.....	0.4	Q	Q	Q	Q	N
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.....	0.4	Q	Q	Q	Q	Q
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	N	N
Propane/LPG.....	2.3	0.3	0.6	0.7	0.5	Q
Kerosene.....	2.3	0.3	0.6	0.7	0.5	Q
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.



**Table HC10.4 Space Heating Characteristics by U.S. Census Region, 2005**  
**Relative Standard Errors**

Space Heating Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
<b>Total</b> .....	0.0	0.0	0.0	0.0	0.0
<b>Do Not Have Space Heating Equipment</b> .....	12.4	73.1	98.4	27.9	12.3
<b>Have Main Space Heating Equipment</b> .....	0.2	0.2	0.2	0.3	0.4
Use Main Space Heating Equipment.....	0.2	0.2	0.2	0.4	0.7
Have Equipment But Do Not Use It.....	20.4	0.0	0.0	62.3	18.5
<b>Main Heating Fuel and Equipment</b>					
Natural Gas.....	3.0	10.4	3.4	7.0	4.6
Central Warm-Air Furnace.....	3.4	13.9	4.2	8.6	5.2
For One Housing Unit.....	3.5	14.2	5.0	8.7	5.1
For Two Housing Units.....	20.1	30.2	37.7	51.8	40.8
Steam or Hot Water System.....	9.3	13.7	13.8	23.5	24.4
For One Housing Unit.....	12.5	17.7	18.6	39.7	29.1
For Two Housing Units.....	12.9	15.6	38.5	29.2	55.0
Floor, Wall or Pipeless Furnace.....	10.4	49.9	43.4	41.1	9.8
Room Heater.....	12.6	57.5	48.8	23.5	11.3
Other Equipment.....	18.0	30.0	49.0	32.8	31.9
Electricity.....	4.1	20.1	18.5	4.2	10.2
Built-in Electric Units.....	12.2	21.0	30.0	22.3	19.8
Central Warm-Air Furnace.....	6.0	42.9	27.5	7.1	11.7
For One Housing Unit.....	1.5	3.9	3.1	2.6	3.1
For Two Housing Units.....	5.9	10.7	15.1	10.5	12.5
Heat Pump.....	11.4	65.1	35.0	13.6	20.1
Other Equipment.....	31.4	76.0	0.0	33.9	69.3
Fuel Oil.....	12.3	14.7	24.9	42.9	33.0
Steam or Hot Water System.....	15.9	17.1	39.5	68.6	99.7
For One Housing Unit.....	20.4	22.3	39.5	74.7	0.0
For Two Housing Units.....	14.8	15.1	0.0	94.4	99.7
Central Warm-Air Furnace.....	12.3	16.3	24.7	43.4	34.5
Other Equipment.....	38.8	38.8	0.0	0.0	0.0
Wood.....	12.7	28.3	23.7	24.9	17.1
Heating Stove.....	14.4	26.4	33.0	26.5	19.2
Other Equipment.....	18.0	52.3	26.9	39.2	31.8
Propane/LPG.....	8.8	18.1	12.0	15.7	21.9
Central Warm-Air Furnace.....	8.5	30.6	10.7	15.6	24.8
Room Heater.....	17.3	60.5	70.6	19.2	94.4
Other Equipment.....	37.2	68.2	0.0	43.9	93.7
Kerosene.....	12.3	14.7	24.9	42.9	33.0
Other Fuel.....	21.8	41.2	41.2	52.0	34.9
<b>Housing Units Served by Main Heating Equipment</b>					
One Housing Unit.....	0.8	2.3	1.9	1.2	1.1
Two or More Housing Units.....	8.9	8.8	27.5	23.8	26.8
Do Not Have Heating Equipment.....	12.4	73.1	98.4	27.9	12.3

**Table HC10.4 Space Heating Characteristics by U.S. Census Region, 2005**  
**Relative Standard Errors**

Space Heating Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
<b>Age of Main Heating Equipment</b>					
<b>Used by One Housing Unit</b>					
Less than 2 Years.....	5.3	12.5	9.2	8.7	12.4
2 to 4 Years.....	4.4	11.6	10.4	6.0	11.0
5 to 9 Years.....	4.2	12.7	5.4	7.3	9.2
10 to 19 Years.....	3.4	8.1	6.1	6.1	6.8
20 Years or More.....	3.9	9.6	7.5	8.9	5.5
Don't Know.....	6.7	15.8	12.8	12.6	11.8
<b>Used by Two or More Housing Units</b>					
Less than 2 Years.....	36.2	60.1	60.7	58.0	0.0
2 to 4 Years.....	27.0	37.4	59.7	51.6	99.3
5 to 9 Years.....	30.5	40.2	98.7	51.6	106.0
10 to 19 Years.....	16.4	14.7	65.6	39.5	46.9
20 Years or More.....	9.6	14.0	20.1	26.1	21.5
Don't Know.....	15.0	15.8	40.0	39.3	50.3
<b>Proportion of Heat Provided by Main Heating Equipment</b>					
All or Almost All.....	0.4	0.6	1.0	0.7	1.3
About Three-Fourths.....	6.9	17.0	12.3	9.9	17.4
Closer to One-Half.....	7.7	21.4	18.5	14.7	11.3
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)					
No.....	1.3	3.3	1.8	2.3	3.1
Yes.....	2.9	12.1	3.1	5.6	4.9
Natural Gas.....	8.7	38.3	14.5	18.8	13.8
Fireplace.....	11.3	51.1	22.2	22.9	16.7
Room Heater.....	24.3	50.4	46.8	34.5	110.6
Central Warm-Air Furnace.....	16.6	95.6	25.8	32.6	28.5
Other Equipment.....	26.1	41.0	43.6	102.8	54.9
Electricity.....	3.7	13.3	5.9	7.0	5.2
Portable Heater.....	4.8	16.2	6.9	10.0	6.2
Built-in Electric Units.....	8.9	16.5	16.4	15.1	18.5
Heat Pump.....	19.8	0.0	46.7	22.3	75.8
Other Equipment.....	33.0	0.0	57.2	61.8	52.1
Fuel Oil.....	28.8	35.7	57.5	93.6	0.0
Wood.....	6.3	18.2	9.8	12.7	10.9
Fireplace.....	8.5	32.6	14.7	15.4	13.6
Heating Stove.....	11.0	17.6	28.5	21.0	22.1
Other Equipment.....	55.5	93.8	96.9	0.0	92.0
Propane/LPG.....	15.3	44.5	23.4	24.9	42.7
Kerosene.....	15.3	44.5	23.4	24.9	42.7
Other Fuel.....	32.7	64.9	50.2	101.2	67.4

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.

**Table HC11.4 Space Heating Characteristics by Northeast Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
<b>Total</b> .....	111.1	20.6	15.1	5.5
<b>Do Not Have Space Heating Equipment</b> .....	1.2	Q	Q	Q
<b>Have Main Space Heating Equipment</b> .....	109.8	20.5	15.1	5.4
Use Main Space Heating Equipment.....	109.1	20.5	15.1	5.4
Have Equipment But Do Not Use It.....	0.8	N	N	N
<b>Main Heating Fuel and Equipment</b>				
Natural Gas.....	58.2	11.4	9.1	2.3
Central Warm-Air Furnace.....	44.7	6.1	5.3	0.8
For One Housing Unit.....	42.9	5.6	4.9	0.7
For Two Housing Units.....	1.8	0.5	0.4	Q
Steam or Hot Water System.....	8.2	4.9	3.6	1.3
For One Housing Unit.....	5.1	3.2	2.2	1.0
For Two Housing Units.....	3.1	1.7	1.4	0.3
Floor, Wall or Pipeless Furnace.....	2.3	Q	Q	Q
Room Heater.....	2.0	Q	Q	Q
Other Equipment.....	0.9	0.2	Q	Q
Electricity.....	33.7	1.6	1.3	0.3
Built-in Electric Units.....	5.0	0.9	0.7	0.2
Central Warm-Air Furnace.....	16.0	0.3	0.2	Q
For One Housing Unit.....	81.5	13.5	10.1	3.4
For Two Housing Units.....	18.1	4.2	3.2	1.0
Heat Pump.....	9.2	Q	Q	N
Other Equipment.....	1.3	Q	Q	N
Fuel Oil.....	7.7	6.2	3.8	2.4
Steam or Hot Water System.....	4.7	4.3	2.8	1.5
For One Housing Unit.....	3.3	3.0	1.8	1.2
For Two Housing Units.....	1.4	1.3	1.0	0.3
Central Warm-Air Furnace.....	2.8	1.8	0.9	0.9
Other Equipment.....	Q	Q	Q	Q
Wood.....	2.9	0.5	0.3	0.2
Heating Stove.....	2.0	0.3	Q	Q
Other Equipment.....	0.9	Q	Q	Q
Propane/LPG.....	6.0	0.4	0.3	Q
Central Warm-Air Furnace.....	4.1	0.2	0.2	Q
Room Heater.....	0.9	Q	Q	Q
Other Equipment.....	0.3	Q	N	Q
Kerosene.....	7.7	6.2	3.8	2.4
Other Fuel.....	0.6	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>				
One Housing Unit.....	101.0	16.2	11.7	4.5
Two or More Housing Units.....	8.8	4.3	3.4	1.0
Do Not Have Heating Equipment.....	1.2	Q	Q	Q

**Table HC11.4 Space Heating Characteristics by Northeast Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
<b>Age of Main Heating Equipment</b>				
<b>Used by One Housing Unit</b>				
Less than 2 Years.....	11.7	1.6	1.2	0.4
2 to 4 Years.....	13.8	1.9	1.4	0.6
5 to 9 Years.....	20.6	2.5	1.9	0.6
10 to 19 Years.....	24.8	3.8	2.8	1.1
20 Years or More.....	21.5	4.8	3.7	1.1
Don't Know.....	8.6	1.5	0.9	0.6
<b>Used by Two or More Housing Units</b>				
Less than 2 Years.....	0.3	Q	Q	Q
2 to 4 Years.....	0.4	Q	Q	Q
5 to 9 Years.....	0.6	0.4	0.3	Q
10 to 19 Years.....	1.1	0.5	0.4	Q
20 Years or More.....	2.7	1.3	1.2	Q
Don't Know.....	3.7	1.8	1.2	0.6
<b>Proportion of Heat Provided by Main Heating Equipment</b>				
All or Almost All.....	100.9	19.4	14.3	5.1
About Three-Fourths.....	5.8	0.8	0.5	0.3
Closer to One-Half.....	4.4	0.5	0.3	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)				
No.....	76.2	16.2	12.1	4.1
Yes.....	34.9	4.4	3.0	1.4
Natural Gas.....	5.0	0.4	0.3	Q
Fireplace.....	2.8	Q	Q	Q
Room Heater.....	0.6	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	Q	N
Other Equipment.....	0.4	Q	Q	Q
Electricity.....	19.7	2.5	1.8	0.7
Portable Heater.....	16.0	2.0	1.5	0.5
Built-in Electric Units.....	2.2	0.4	Q	0.2
Heat Pump.....	0.6	N	N	N
Other Equipment.....	0.4	N	N	N
Fuel Oil.....	0.4	0.2	Q	Q
Wood.....	8.9	0.9	0.6	0.3
Fireplace.....	6.7	0.4	Q	Q
Heating Stove.....	2.2	0.6	0.3	0.2
Other Equipment.....	Q	Q	N	Q
Propane/LPG.....	2.3	0.3	Q	Q
Kerosene.....	2.3	0.3	Q	Q
Other Fuel.....	0.2	Q	Q	Q

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.

**Table HC12.4 Space Heating Characteristics by Midwest Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
<b>Total</b> .....	111.1	25.6	17.7	7.9
<b>Do Not Have Space Heating Equipment</b> .....	1.2	Q	Q	N
<b>Have Main Space Heating Equipment</b> .....	109.8	25.6	17.7	7.9
Use Main Space Heating Equipment.....	109.1	25.6	17.7	7.9
Have Equipment But Do Not Use It.....	0.8	N	N	N
<b>Main Heating Fuel and Equipment</b>				
Natural Gas.....	58.2	18.4	13.1	5.3
Central Warm-Air Furnace.....	44.7	16.2	11.6	4.7
For One Housing Unit.....	42.9	15.5	11.0	4.5
For Two Housing Units.....	1.8	0.7	0.6	Q
Steam or Hot Water System.....	8.2	1.6	1.2	0.4
For One Housing Unit.....	5.1	1.1	0.9	Q
For Two Housing Units.....	3.1	0.5	Q	Q
Floor, Wall or Pipeless Furnace.....	2.3	0.3	Q	Q
Room Heater.....	2.0	Q	Q	Q
Other Equipment.....	0.9	Q	Q	Q
Electricity.....	33.7	3.5	2.1	1.4
Built-in Electric Units.....	5.0	1.1	0.8	0.3
Central Warm-Air Furnace.....	16.0	1.4	0.6	0.7
For One Housing Unit.....	81.5	20.2	14.1	6.1
For Two Housing Units.....	18.1	3.2	2.2	1.1
Heat Pump.....	9.2	0.8	0.6	Q
Other Equipment.....	1.3	N	N	N
Fuel Oil.....	7.7	0.7	0.7	Q
Steam or Hot Water System.....	4.7	Q	Q	N
For One Housing Unit.....	3.3	Q	Q	N
For Two Housing Units.....	1.4	N	N	N
Central Warm-Air Furnace.....	2.8	0.5	0.4	Q
Other Equipment.....	Q	N	N	N
Wood.....	2.9	0.7	0.4	0.3
Heating Stove.....	2.0	0.4	Q	Q
Other Equipment.....	0.9	0.3	Q	Q
Propane/LPG.....	6.0	1.9	1.1	0.8
Central Warm-Air Furnace.....	4.1	1.7	1.0	0.7
Room Heater.....	0.9	Q	Q	Q
Other Equipment.....	0.3	N	N	N
Kerosene.....	7.7	0.7	0.7	Q
Other Fuel.....	0.6	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>				
One Housing Unit.....	101.0	23.9	16.5	7.4
Two or More Housing Units.....	8.8	1.6	1.2	0.4
Do Not Have Heating Equipment.....	1.2	Q	Q	N

**Table HC12.4 Space Heating Characteristics by Midwest Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
<b>Age of Main Heating Equipment</b>				
<b>Used by One Housing Unit</b>				
Less than 2 Years.....	11.7	2.7	1.7	1.0
2 to 4 Years.....	13.8	2.9	2.0	0.8
5 to 9 Years.....	20.6	5.0	3.4	1.5
10 to 19 Years.....	24.8	6.3	4.2	2.1
20 Years or More.....	21.5	5.0	3.8	1.2
Don't Know.....	8.6	2.1	1.3	0.8
<b>Used by Two or More Housing Units</b>				
Less than 2 Years.....	0.3	Q	Q	Q
2 to 4 Years.....	0.4	Q	Q	Q
5 to 9 Years.....	0.6	Q	Q	N
10 to 19 Years.....	1.1	Q	Q	Q
20 Years or More.....	2.7	0.5	0.3	Q
Don't Know.....	3.7	0.8	0.6	Q
<b>Proportion of Heat Provided by Main Heating Equipment</b>				
All or Almost All.....	100.9	23.2	16.1	7.1
About Three-Fourths.....	5.8	1.5	0.9	0.6
Closer to One-Half.....	4.4	0.9	0.7	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)				
No.....	76.2	16.2	11.4	4.8
Yes.....	34.9	9.4	6.3	3.0
Natural Gas.....	5.0	1.5	1.0	0.5
Fireplace.....	2.8	0.8	0.4	0.4
Room Heater.....	0.6	Q	Q	Q
Central Warm-Air Furnace.....	1.1	0.4	Q	Q
Other Equipment.....	0.4	Q	Q	Q
Electricity.....	19.7	5.3	3.8	1.5
Portable Heater.....	16.0	4.3	3.1	1.2
Built-in Electric Units.....	2.2	0.6	0.4	0.3
Heat Pump.....	0.6	Q	Q	Q
Other Equipment.....	0.4	Q	Q	Q
Fuel Oil.....	0.4	Q	Q	Q
Wood.....	8.9	2.2	1.3	0.9
Fireplace.....	6.7	1.7	1.0	0.7
Heating Stove.....	2.2	0.5	Q	0.2
Other Equipment.....	Q	Q	N	Q
Propane/LPG.....	2.3	0.7	0.4	0.3
Kerosene.....	2.3	0.7	0.4	0.3
Other Fuel.....	0.2	Q	Q	Q

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.

**Table HC13.4 Space Heating Characteristics by South Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
<b>Total</b> .....	111.1	40.7	21.7	6.9	12.1
<b>Do Not Have Space Heating Equipment</b> .....	1.2	Q	Q	N	Q
<b>Have Main Space Heating Equipment</b> .....	109.8	40.3	21.4	6.9	12.0
Use Main Space Heating Equipment.....	109.1	40.1	21.2	6.9	12.0
Have Equipment But Do Not Use It.....	0.8	Q	Q	N	N
<b>Main Heating Fuel and Equipment</b>					
Natural Gas.....	58.2	13.6	5.6	2.3	5.7
Central Warm-Air Furnace.....	44.7	11.0	4.4	1.9	4.6
For One Housing Unit.....	42.9	10.7	4.2	1.9	4.5
For Two Housing Units.....	1.8	Q	Q	N	Q
Steam or Hot Water System.....	8.2	1.0	0.8	Q	Q
For One Housing Unit.....	5.1	0.4	0.4	Q	N
For Two Housing Units.....	3.1	0.6	0.4	Q	Q
Floor, Wall or Pipeless Furnace.....	2.3	0.2	Q	Q	Q
Room Heater.....	2.0	0.9	Q	Q	0.5
Other Equipment.....	0.9	0.4	Q	Q	0.3
Electricity.....	33.7	22.1	13.5	3.4	5.2
Built-in Electric Units.....	5.0	1.5	1.1	0.3	Q
Central Warm-Air Furnace.....	16.0	11.0	5.4	1.9	3.8
For One Housing Unit.....	81.5	30.7	15.7	5.8	9.2
For Two Housing Units.....	18.1	6.8	4.1	0.7	2.0
Heat Pump.....	9.2	7.2	5.6	1.1	0.5
Other Equipment.....	1.3	1.2	1.1	Q	Q
Fuel Oil.....	7.7	0.5	0.5	Q	N
Steam or Hot Water System.....	4.7	Q	Q	N	N
For One Housing Unit.....	3.3	Q	Q	N	N
For Two Housing Units.....	1.4	Q	Q	N	N
Central Warm-Air Furnace.....	2.8	0.3	0.3	Q	N
Other Equipment.....	Q	N	N	N	N
Wood.....	2.9	0.9	0.3	0.2	0.3
Heating Stove.....	2.0	0.7	Q	0.2	Q
Other Equipment.....	0.9	Q	Q	Q	Q
Propane/LPG.....	6.0	2.7	1.0	0.9	0.8
Central Warm-Air Furnace.....	4.1	1.5	0.6	0.5	0.4
Room Heater.....	0.9	0.7	Q	0.3	Q
Other Equipment.....	0.3	Q	Q	Q	Q
Kerosene.....	7.7	0.5	0.5	Q	N
Other Fuel.....	0.6	Q	Q	Q	N
<b>Housing Units Served by Main Heating Equipment</b>					
One Housing Unit.....	101.0	38.4	20.1	6.7	11.5
Two or More Housing Units.....	8.8	1.9	1.3	Q	0.5
Do Not Have Heating Equipment.....	1.2	Q	Q	N	Q

**Table HC13.4 Space Heating Characteristics by South Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
<b>Age of Main Heating Equipment</b>					
<b>Used by One Housing Unit</b>					
Less than 2 Years.....	11.7	4.6	2.3	0.9	1.4
2 to 4 Years.....	13.8	6.5	3.0	1.1	2.4
5 to 9 Years.....	20.6	8.9	5.1	1.6	2.2
10 to 19 Years.....	24.8	9.8	5.3	1.8	2.7
20 Years or More.....	21.5	5.7	2.7	1.0	2.0
Don't Know.....	8.6	3.0	1.6	0.5	0.9
<b>Used by Two or More Housing Units</b>					
Less than 2 Years.....	0.3	Q	Q	N	Q
2 to 4 Years.....	0.4	Q	N	Q	Q
5 to 9 Years.....	0.6	Q	Q	N	Q
10 to 19 Years.....	1.1	0.3	Q	Q	Q
20 Years or More.....	2.7	0.4	Q	Q	Q
Don't Know.....	3.7	0.9	0.7	Q	Q
<b>Proportion of Heat Provided by Main Heating Equipment</b>					
All or Almost All.....	100.9	37.4	19.7	6.3	11.4
About Three-Fourths.....	5.8	2.0	1.1	0.4	0.5
Closer to One-Half.....	4.4	1.3	0.9	Q	Q
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)					
No.....	76.2	28.9	15.8	4.1	9.0
Yes.....	34.9	11.8	5.9	2.8	3.1
Natural Gas.....	5.0	1.3	0.5	0.4	0.3
Fireplace.....	2.8	0.7	Q	0.2	Q
Room Heater.....	0.6	0.3	Q	Q	Q
Central Warm-Air Furnace.....	1.1	Q	Q	Q	N
Other Equipment.....	0.4	Q	Q	N	N
Electricity.....	19.7	6.9	3.5	1.7	1.7
Portable Heater.....	16.0	5.6	2.6	1.4	1.6
Built-in Electric Units.....	2.2	0.4	0.3	Q	N
Heat Pump.....	0.6	0.4	0.3	Q	Q
Other Equipment.....	0.4	Q	Q	Q	N
Fuel Oil.....	0.4	Q	Q	N	N
Wood.....	8.9	3.1	1.7	0.5	0.9
Fireplace.....	6.7	2.6	1.4	0.4	0.8
Heating Stove.....	2.2	0.5	0.3	Q	Q
Other Equipment.....	Q	N	N	N	N
Propane/LPG.....	2.3	1.1	0.6	0.2	Q
Kerosene.....	2.3	1.1	0.6	0.2	Q
Other Fuel.....	0.2	Q	N	N	Q

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.



**Table HC14.4 Space Heating Characteristics by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
<b>Total</b> .....	111.1	24.2	7.6	16.6
<b>Do Not Have Space Heating Equipment</b> .....	1.2	0.7	Q	0.7
<b>Have Main Space Heating Equipment</b> .....	109.8	23.4	7.5	16.0
Use Main Space Heating Equipment.....	109.1	22.9	7.4	15.4
Have Equipment But Do Not Use It.....	0.8	0.6	Q	0.5
<b>Main Heating Fuel and Equipment</b>				
Natural Gas.....	58.2	14.7	4.6	10.1
Central Warm-Air Furnace.....	44.7	11.4	4.0	7.4
For One Housing Unit.....	42.9	11.1	3.8	7.3
For Two Housing Units.....	1.8	0.3	Q	Q
Steam or Hot Water System.....	8.2	0.6	0.3	0.3
For One Housing Unit.....	5.1	0.4	0.2	0.1
For Two Housing Units.....	3.1	Q	Q	Q
Floor, Wall or Pipeless Furnace.....	2.3	1.6	0.3	1.3
Room Heater.....	2.0	0.8	Q	0.8
Other Equipment.....	0.9	0.3	Q	0.2
Electricity.....	33.7	6.5	1.8	4.7
Built-in Electric Units.....	5.0	1.6	0.3	1.3
Central Warm-Air Furnace.....	16.0	3.4	0.9	2.4
For One Housing Unit.....	81.5	17.1	5.7	11.4
For Two Housing Units.....	18.1	4.0	0.7	3.2
Heat Pump.....	9.2	1.0	0.5	0.5
Other Equipment.....	1.3	Q	N	Q
Fuel Oil.....	7.7	0.3	Q	Q
Steam or Hot Water System.....	4.7	Q	N	Q
For One Housing Unit.....	3.3	N	N	N
For Two Housing Units.....	1.4	Q	N	Q
Central Warm-Air Furnace.....	2.8	Q	Q	Q
Other Equipment.....	Q	N	N	N
Wood.....	2.9	0.8	0.3	0.5
Heating Stove.....	2.0	0.5	Q	0.3
Other Equipment.....	0.9	0.3	Q	Q
Propane/LPG.....	6.0	1.0	0.6	0.4
Central Warm-Air Furnace.....	4.1	0.6	0.4	Q
Room Heater.....	0.9	Q	Q	N
Other Equipment.....	0.3	Q	Q	N
Kerosene.....	7.7	0.3	Q	Q
Other Fuel.....	0.6	Q	Q	Q
<b>Housing Units Served by Main Heating Equipment</b>				
One Housing Unit.....	101.0	22.5	7.0	15.5
Two or More Housing Units.....	8.8	0.9	0.4	0.5
Do Not Have Heating Equipment.....	1.2	0.7	Q	0.7

**Table HC14.4 Space Heating Characteristics by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
<b>Age of Main Heating Equipment</b>				
<b>Used by One Housing Unit</b>				
Less than 2 Years.....	11.7	2.7	1.0	1.8
2 to 4 Years.....	13.8	2.5	1.0	1.5
5 to 9 Years.....	20.6	4.3	1.7	2.6
10 to 19 Years.....	24.8	4.9	1.8	3.2
20 Years or More.....	21.5	6.0	1.2	4.8
Don't Know.....	8.6	2.1	0.4	1.6
<b>Used by Two or More Housing Units</b>				
Less than 2 Years.....	0.3	N	N	N
2 to 4 Years.....	0.4	Q	N	Q
5 to 9 Years.....	0.6	Q	Q	N
10 to 19 Years.....	1.1	Q	Q	Q
20 Years or More.....	2.7	0.5	Q	0.3
Don't Know.....	3.7	Q	Q	Q
<b>Proportion of Heat Provided by Main Heating Equipment</b>				
All or Almost All.....	100.9	21.0	6.5	14.6
About Three-Fourths.....	5.8	1.5	0.5	1.0
Closer to One-Half.....	4.4	1.6	0.6	1.0
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)				
No.....	76.2	14.9	4.4	10.4
Yes.....	34.9	9.3	3.1	6.2
Natural Gas.....	5.0	1.8	0.6	1.3
Fireplace.....	2.8	1.2	0.4	0.7
Room Heater.....	0.6	Q	Q	N
Central Warm-Air Furnace.....	1.1	0.4	Q	0.4
Other Equipment.....	0.4	Q	N	Q
Electricity.....	19.7	5.1	1.6	3.5
Portable Heater.....	16.0	4.1	1.2	2.8
Built-in Electric Units.....	2.2	0.7	Q	0.5
Heat Pump.....	0.6	Q	N	Q
Other Equipment.....	0.4	Q	Q	Q
Fuel Oil.....	0.4	N	N	N
Wood.....	8.9	2.7	1.0	1.7
Fireplace.....	6.7	2.0	0.6	1.4
Heating Stove.....	2.2	0.7	0.4	0.3
Other Equipment.....	Q	Q	N	Q
Propane/LPG.....	2.3	Q	Q	Q
Kerosene.....	2.3	Q	Q	Q
Other Fuel.....	0.2	Q	Q	Q

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.

**Table HC14.5 Space Heating Usage Indicators by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
<b>Total U.S. Housing Units</b> .....	111.1	24.2	7.6	16.6
<b>Do Not Have Heating Equipment</b> .....	1.2	0.7	Q	0.7
<b>Have Space Heating Equipment</b> .....	109.8	23.4	7.5	16.0
Use Space Heating Equipment.....	109.1	22.9	7.4	15.4
Have But Do Not Use Equipment.....	0.8	0.6	Q	0.5
<b>Space Heating Usage During 2005</b>				
<b>Heated Floorspace (Square Feet)</b>				
None.....	3.6	2.1	Q	1.9
1 to 499.....	6.1	2.1	0.4	1.7
500 to 999.....	27.7	6.0	1.6	4.4
1,000 to 1,499.....	26.0	5.2	1.8	3.4
1,500 to 1,999.....	17.6	3.9	1.7	2.2
2,000 to 2,499.....	10.7	2.0	0.7	1.3
2,500 to 2,999.....	7.7	1.6	0.7	0.9
3,000 to 3,499.....	3.8	0.4	Q	0.2
3,500 to 3,999.....	2.6	0.3	Q	Q
4,000 or More.....	5.2	0.6	0.3	0.3
<b>Total Number of Rooms</b> (Excluding Bathrooms)				
0.....	2.1	1.1	Q	1.0
1 or 2.....	3.1	0.8	0.3	0.6
3.....	8.3	1.9	0.3	1.5
4.....	16.6	3.5	1.0	2.5
5.....	23.3	5.0	1.7	3.3
6.....	22.6	4.8	1.6	3.1
7.....	16.3	3.6	1.2	2.4
8.....	9.7	2.0	0.8	1.2
9 or More.....	9.1	1.5	0.6	0.9
<b>At Home Behavior</b>				
<b>Home Used for Business</b>				
Yes.....	8.9	2.6	1.0	1.6
No.....	102.2	21.6	6.5	15.1
<b>Someone Home All Day</b>				
Yes.....	56.4	13.0	4.1	8.9
No.....	54.7	11.2	3.4	7.8
<b>Housing Unit Characteristics Affecting Usage</b>				
<b>Adequacy of Insulation</b>				
Well Insulated.....	42.8	7.9	2.8	5.1
Adequately Insulated.....	46.3	10.6	3.3	7.3
Poorly Insulated.....	19.0	4.9	1.3	3.5
No Insulation.....	1.4	0.6	Q	0.5
Don't Know.....	1.7	0.2	Q	0.2
<b>Home is Too Drafty During the Winter</b>				
Never.....	62.9	12.9	3.8	9.0
Some of the Time.....	32.4	7.8	2.5	5.2
Most of the Time.....	6.1	1.5	0.5	1.0
All of the Time.....	5.6	1.4	0.4	1.0
Don't Know.....	4.1	0.7	0.3	0.4

**Table HC14.5 Space Heating Usage Indicators by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
<b>Unusually High Ceilings</b>				
Yes.....	27.2	7.5	2.8	4.6
No.....	76.9	14.8	3.8	11.0
Not Asked (Mobile Homes).....	6.9	2.0	0.9	1.0
<b>Cathedral Ceilings</b> (In Housing Units with High Ceilings)				
Yes.....	17.1	5.1	2.0	3.0
No.....	10.1	2.4	0.8	1.6
<b>Type of Glass in Windows</b>				
Single-pane Glass.....	50.7	11.8	2.8	8.9
Double-pane Glass				
Without Low-e Coating.....	50.6	10.1	3.6	6.4
With Low-e Coating.....	8.0	2.0	0.9	1.1
Triple-pane Glass				
Without Low-e Coating.....	1.0	Q	Q	Q
With Low-e Coating.....	0.3	Q	Q	Q
<b>Proportion of Original Windows Replaced</b>				
All.....	22.4	4.0	0.8	3.1
Some.....	21.6	5.4	1.8	3.7
None.....	62.3	13.5	4.7	8.8
Don't Know.....	4.7	1.3	0.3	1.0
<b>Thermostats</b>				
<b>Do Not Have a Thermostat.....</b>	15.3	4.2	0.8	3.4
<b>Have a Thermostat.....</b>	95.8	20.0	6.8	13.2
1.....	84.5	18.0	5.9	12.1
2 or More.....	11.3	2.0	0.9	1.1
<b>Use a Programmable Thermostat</b>				
Yes.....	33.1	9.1	2.6	6.5
No.....	62.7	10.9	4.2	6.7
<b>Use of Programable Thermostats</b>				
<b>Reduces Temperature During Day</b>				
Yes.....	18.6	4.8	1.7	3.1
No.....	14.5	4.4	0.9	3.4
<b>Reduces Temperature at Night</b>				
Yes.....	21.5	5.9	1.9	3.9
No.....	11.6	3.2	0.7	2.6

**Table HC14.5 Space Heating Usage Indicators by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific

**Winter 2005 Temperature Settings**

**Lower Temperature Settings**

**Daytime When No One is at Home**

Yes.....	40.5	8.2	3.4	4.8
No.....	59.1	11.1	3.5	7.5
Unknown.....	11.4	4.9	0.6	4.3

**During Sleeping Hours**

Yes.....	40.7	9.1	3.5	5.6
No.....	60.2	11.1	3.4	7.7
Unknown.....	10.2	4.1	0.6	3.4

**Daytime Setting When No One is at Home**

Heat Turned On.....	93.7	15.4	6.3	9.0
63 Degrees or Less.....	18.9	4.6	1.8	2.8
64 to 66 Degrees.....	17.4	3.3	1.5	1.8
67 to 69 Degrees.....	17.8	2.5	1.0	1.5
70 Degrees.....	16.0	2.4	1.1	1.3
71 to 73 Degrees.....	10.2	1.0	0.2	0.8
74 Degrees or More.....	13.5	1.6	0.8	0.8
Don't Know/No Answer.....	7.4	2.5	0.4	2.1
Do Not Use Space Heating.....	1.3	0.7	Q	0.7
Heat Turned Off.....	8.7	5.6	0.8	4.8

**Daytime Setting When Someone is at Home**

Heat Turned On.....	101.5	20.5	6.9	13.6
63 Degrees or Less.....	4.1	1.1	0.3	0.8
64 to 66 Degrees.....	8.2	1.9	0.7	1.2
67 to 69 Degrees.....	23.6	4.9	1.8	3.1
70 Degrees.....	24.6	5.3	1.8	3.5
71 to 73 Degrees.....	17.6	3.0	0.9	2.0
74 Degrees or More.....	23.2	4.4	1.5	2.9
Don't Know/No Answer.....	6.0	1.6	0.4	1.2
Do Not Use Space Heating.....	1.3	0.7	Q	0.7
Heat Turned Off.....	2.3	1.3	Q	1.2

**Setting During Sleeping Hours**

Heat Turned On.....	98.1	17.9	6.6	11.2
63 Degrees or Less.....	13.0	4.0	1.4	2.6
64 to 66 Degrees.....	18.4	3.7	1.6	2.1
67 to 69 Degrees.....	20.8	3.2	1.2	2.0
70 Degrees.....	18.5	3.3	1.1	2.2
71 to 73 Degrees.....	11.1	1.2	0.3	0.9
74 Degrees or More.....	16.3	2.5	1.1	1.5
Don't Know/No Answer.....	6.4	1.9	0.4	1.5
Do Not Use Space Heating.....	1.3	0.7	Q	0.7
Heat Turned Off.....	5.4	3.7	0.5	3.2

**Table HC14.5 Space Heating Usage Indicators by West Census Region, 2005**  
**Million U.S. Housing Units**

Space Heating Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
<b>Secondary Heating</b>				
<b>Use Any Secondary Heating Equipment</b>				
Yes.....	34.9	9.3	3.1	6.2
No.....	74.9	14.1	4.4	9.8
<b>Proportion of Heat Provided by Secondary Heating Equipment</b>				
Close to One-Half.....	4.4	1.6	0.6	1.0
About One-Quarter.....	5.8	1.5	0.5	1.0
Very Little or None.....	24.7	6.1	2.0	4.1
<b>Type of Supplemental Heating Equipment Used</b>				
Heat Pump.....	0.6	Q	N	Q
Central Warm-Air Furnace.....	2.3	0.6	Q	0.5
Steam/Hot Water System.....	Q	Q	N	Q
Built-in Electric Units.....	2.2	0.7	Q	0.5
Built-in Pipeless Furnace.....	0.3	Q	Q	Q
Built-in Room Heaters.....	1.4	Q	Q	N
Heating Stove.....	2.1	0.6	0.3	0.3
Portable Electric Heaters.....	14.3	3.7	1.1	2.5
Portable Kerosene Heaters.....	0.6	N	N	N
Cooking Stove.....	0.5	Q	Q	Q
Fireplace.....	10.5	3.2	1.1	2.1
<b>Fireplace Fuel</b>				
Wood.....	6.9	2.0	0.6	1.4
Natural Gas.....	2.7	1.1	0.4	0.7
Propane.....	0.9	Q	Q	Q
<b>Use of Gas Fireplace During Winter Months</b>				
Most Days.....	1.2	0.3	Q	0.3
About Once a Week.....	1.3	0.4	Q	Q
Less than 4 Times each Month.....	1.1	0.4	Q	Q
<b>Humidifier Use Each Year</b>				
Use a Humidifier.....	14.2	1.9	1.1	0.8
1 to 3 Months Each Year.....	7.1	1.2	0.7	0.6
4 to 6 Months Each Year.....	5.6	0.4	0.3	Q
7 to 9 Months Each Year.....	0.4	Q	Q	N
10 to 11 months.....	Q	Q	Q	N
Turned on All Year Long.....	1.1	0.2	Q	Q
Do Not Use a Humidifier.....	96.9	22.2	6.4	15.8

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.

**Table HC15.4 Space Heating Characteristics by Four Most Populated States, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
<b>Total</b> .....	111.1	7.1	7.0	8.0	12.1
<b>Do Not Have Space Heating Equipment</b> .....	1.2	Q	Q	Q	0.2
<b>Have Main Space Heating Equipment</b> .....	109.8	7.1	6.8	7.9	11.9
Use Main Space Heating Equipment.....	109.1	7.1	6.6	7.9	11.4
Have Equipment But Do Not Use It.....	0.8	N	Q	N	0.5
<b>Main Heating Fuel and Equipment</b>					
Natural Gas.....	58.2	3.8	0.4	3.8	8.4
Central Warm-Air Furnace.....	44.7	1.8	Q	3.1	6.0
For One Housing Unit.....	42.9	1.5	Q	3.1	6.0
For Two Housing Units.....	1.8	Q	N	Q	Q
Steam or Hot Water System.....	8.2	1.9	Q	Q	0.2
For One Housing Unit.....	5.1	0.8	Q	N	Q
For Two Housing Units.....	3.1	1.1	Q	Q	Q
Floor, Wall or Pipeless Furnace.....	2.3	Q	N	N	1.3
Room Heater.....	2.0	N	N	0.3	0.7
Other Equipment.....	0.9	Q	N	Q	Q
Electricity.....	33.7	0.6	6.3	3.8	2.8
Built-in Electric Units.....	5.0	0.3	Q	Q	0.5
Central Warm-Air Furnace.....	16.0	Q	2.5	2.8	1.8
For One Housing Unit.....	81.5	3.5	4.8	6.1	8.0
For Two Housing Units.....	18.1	2.3	1.8	1.5	2.6
Heat Pump.....	9.2	Q	2.5	0.3	Q
Other Equipment.....	1.3	Q	1.1	Q	N
Fuel Oil.....	7.7	2.2	N	N	Q
Steam or Hot Water System.....	4.7	1.8	N	N	Q
For One Housing Unit.....	3.3	Q	N	N	N
For Two Housing Units.....	1.4	0.9	N	N	Q
Central Warm-Air Furnace.....	2.8	Q	N	N	N
Other Equipment.....	Q	N	N	N	N
Wood.....	2.9	Q	N	Q	0.3
Heating Stove.....	2.0	Q	N	Q	Q
Other Equipment.....	0.9	Q	N	Q	Q
Propane/LPG.....	6.0	Q	Q	Q	0.3
Central Warm-Air Furnace.....	4.1	Q	Q	Q	Q
Room Heater.....	0.9	Q	N	N	N
Other Equipment.....	0.3	N	N	Q	N
Kerosene.....	7.7	2.2	N	N	Q
Other Fuel.....	0.6	Q	N	N	Q
<b>Housing Units Served by Main Heating Equipment</b>					
One Housing Unit.....	101.0	4.4	6.4	7.4	11.4
Two or More Housing Units.....	8.8	2.6	Q	0.5	0.4
Do Not Have Heating Equipment.....	1.2	Q	Q	Q	0.2

**Table HC15.4 Space Heating Characteristics by Four Most Populated States, 2005**  
**Million U.S. Housing Units**

Space Heating Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
<b>Age of Main Heating Equipment Used by One Housing Unit</b>					
Less than 2 Years.....	11.7	0.4	0.9	1.0	1.3
2 to 4 Years.....	13.8	0.6	1.2	1.6	1.2
5 to 9 Years.....	20.6	0.6	1.7	1.3	1.6
10 to 19 Years.....	24.8	1.1	1.3	1.8	2.3
20 Years or More.....	21.5	1.3	0.8	1.1	3.9
Don't Know.....	8.6	0.5	0.5	0.6	1.1
<b>Used by Two or More Housing Units</b>					
Less than 2 Years.....	0.3	Q	Q	Q	N
2 to 4 Years.....	0.4	Q	N	Q	Q
5 to 9 Years.....	0.6	Q	Q	Q	N
10 to 19 Years.....	1.1	Q	Q	Q	Q
20 Years or More.....	2.7	0.9	N	Q	0.2
Don't Know.....	3.7	1.1	Q	Q	Q
<b>Proportion of Heat Provided by Main Heating Equipment</b>					
All or Almost All.....	100.9	6.8	6.8	7.6	10.7
About Three-Fourths.....	5.8	Q	Q	Q	0.7
Closer to One-Half.....	4.4	Q	Q	Q	0.7
<b>Secondary Heating Fuel and Equipment</b> (More than one may apply)					
No.....	76.2	5.9	6.4	6.0	8.0
Yes.....	34.9	1.2	0.7	2.0	4.1
Natural Gas.....	5.0	Q	Q	0.3	0.9
Fireplace.....	2.8	N	Q	Q	0.5
Room Heater.....	0.6	Q	N	Q	N
Central Warm-Air Furnace.....	1.1	N	N	N	0.3
Other Equipment.....	0.4	N	N	N	Q
Electricity.....	19.7	0.5	0.5	1.0	2.3
Portable Heater.....	16.0	0.5	0.4	0.8	2.0
Built-in Electric Units.....	2.2	Q	Q	N	0.3
Heat Pump.....	0.6	N	N	Q	Q
Other Equipment.....	0.4	N	N	N	N
Fuel Oil.....	0.4	Q	N	N	N
Wood.....	8.9	0.4	Q	0.7	1.1
Fireplace.....	6.7	Q	Q	0.6	1.0
Heating Stove.....	2.2	Q	N	Q	Q
Other Equipment.....	Q	N	N	N	N
Propane/LPG.....	2.3	Q	Q	Q	Q
Kerosene.....	2.3	Q	Q	Q	Q
Other Fuel.....	0.2	N	N	N	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.