

**Table HC3-1a. Space Heating by Climate Zone,
Million U.S. Households, 2001**

Space Heating Characteristics	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.6	1.1	1.1	1.1	1.0	
Total	107.0	9.2	28.6	24.0	21.0	24.1	8.2
Heat Home	106.0	9.2	28.6	23.9	20.7	23.6	8.2
Do Not Heat Home	1.0	Q	Q	Q	0.3	0.5	16.0
No Heating Equipment	0.5	Q	Q	Q	Q	0.4	31.3
Have Equipment But Do Not Use It	0.4	Q	Q	Q	0.2	Q	31.0
Main Heating Fuel and Equipment							
(Have and Use Equipment)	106.0	9.2	28.6	23.9	20.7	23.6	8.2
Natural Gas	59.1	4.8	20.2	12.4	11.8	9.8	9.1
Central Warm-Air Furnace	44.8	3.9	16.1	8.8	8.1	8.0	10.3
For One Housing Unit	43.0	3.7	15.4	8.2	7.8	7.9	10.5
For Two or More Units	1.8	Q	0.7	0.6	0.3	Q	29.5
Steam or Hot-Water System	7.9	0.8	3.6	3.1	0.3	Q	16.8
For One Housing Unit	5.1	0.6	2.5	1.8	Q	Q	19.0
For Two or More Units	2.8	Q	1.1	1.3	Q	Q	23.2
Floor, Wall, or Pipeless Furnace	3.1	Q	Q	0.3	2.1	0.5	23.9
Room Heater	2.8	Q	0.2	Q	1.2	1.2	25.1
Other	0.5	Q	Q	Q	Q	Q	56.5
Electricity	30.9	1.2	3.9	6.3	6.9	12.6	11.1
Built-In Electric Units	6.1	0.9	2.3	1.9	0.8	Q	19.3
Central Warm-Air Furnace	12.6	0.2	0.9	1.5	2.3	7.7	15.6
For One Housing Unit	11.8	Q	0.7	1.3	2.3	7.3	17.3
For Two or More Units	0.8	Q	Q	Q	Q	0.4	50.8
Heat Pump	10.4	Q	0.6	2.6	3.3	3.8	19.8
Other	1.8	Q	0.2	Q	0.4	0.8	27.2
Fuel Oil	8.0	1.7	2.7	3.5	Q	Q	16.5
Steam or Hot-Water System	4.4	0.7	1.6	2.1	Q	Q	17.4
For One Housing Unit	3.3	0.6	1.4	1.3	Q	Q	19.9
For Two or More Units	1.1	Q	0.2	0.8	Q	Q	24.7
Central Warm-Air Furnace	3.3	1.0	1.1	1.1	Q	Q	23.8
Other	0.3	Q	Q	Q	Q	Q	56.4
Wood	2.0	0.6	0.3	0.5	0.4	Q	24.4
Heating Stove	1.5	0.4	0.2	0.4	0.3	Q	27.5
Other	0.6	Q	Q	Q	Q	Q	42.6
LPG	4.9	0.8	1.3	1.1	1.0	0.9	28.7
Central Warm-Air Furnace	3.4	0.6	1.1	0.8	0.5	0.4	32.2
Room Heater	1.1	Q	Q	0.2	Q	0.4	39.0
Other	0.5	0.1	Q	Q	Q	Q	37.7
Kerosene	0.8	0.1	Q	Q	0.4	Q	28.6
Other	0.2	Q	Q	Q	Q	Q	93.7
Amount of Heat Provided by Main Heating Equipment							
All or Almost All	96.5	8.2	26.3	22.3	18.0	21.7	8.2
About Three-Fourths	4.3	0.6	1.1	0.6	1.2	0.7	16.9
Closer to One-Half	3.7	0.3	0.8	0.8	1.1	0.7	18.9
Don't Know	1.5	Q	0.4	Q	0.3	0.4	26.1

See footnotes at end of table.

**Table HC3-1a. Space Heating by Climate Zone,
Million U.S. Households, 2001 (Continued)**

Space Heating Characteristics	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.6	1.1	1.1	1.1	1.0	
Age of Main Heating Equipment							
Less than 2 Years	8.7	0.6	2.1	1.7	1.8	2.5	13.9
2 to 4 Years	13.4	1.1	3.4	3.3	2.7	2.9	12.9
5 to 9 Years	21.4	2.1	5.1	4.4	4.0	5.8	10.6
10 to 19 Years	24.0	2.2	6.4	5.3	4.4	5.6	10.7
20 Years or More	26.5	2.4	8.2	5.7	5.9	4.4	9.5
Don't Know	12.0	0.8	3.4	3.5	1.9	2.4	14.6
Secondary Heating Fuel and Equipment (more than one may apply)							
No	72.1	5.7	19.9	17.0	13.1	16.4	7.1
Yes	33.9	3.5	8.7	6.9	7.5	7.2	10.0
Natural Gas	5.6	0.2	1.5	1.0	1.3	1.6	18.9
Fireplace	3.3	Q	1.2	0.5	0.8	0.6	19.5
Room Heater	1.0	Q	0.2	Q	0.3	0.4	33.4
Central Warm-Air Furnace	0.7	Q	Q	0.4	Q	Q	32.2
Other Equipment	0.7	Q	Q	Q	Q	0.4	42.1
Electricity	15.7	1.6	4.5	3.3	3.2	3.1	11.7
Portable Heater	11.8	1.2	3.4	2.4	2.5	2.3	12.1
Built-in Electric Units	2.4	0.4	0.8	0.5	0.4	0.3	24.5
Heat Pump	1.2	Q	0.4	0.2	0.3	0.3	32.8
Other Equipment	0.6	Q	Q	Q	Q	Q	43.3
Fuel Oil	0.5	Q	Q	Q	Q	Q	50.9
Wood	12.4	1.5	2.8	2.4	3.0	2.8	13.0
Fireplace	9.4	0.8	2.0	1.6	2.5	2.6	12.9
Heating Stove	3.0	0.8	0.9	0.8	0.4	0.2	22.4
Other Equipment	0.3	Q	Q	Q	Q	Q	54.7
LPG	2.0	0.3	0.4	0.3	0.7	0.2	28.3
Kerosene	1.9	0.3	0.5	0.6	0.4	Q	23.4
Other	0.4	Q	Q	Q	Q	Q	48.4

¹ One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. 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.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2001 Residential Energy Consumption Survey.