

Table HC7.5 Space Heating Usage Indicators by Household Income, 2005
Million U.S. Housing Units

Space Heating Usage Indicators	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Total U.S. Housing Units	111.1	26.7	28.8	20.6	13.1	22.0	16.6	38.6
Do Not Have Heating Equipment	1.2	0.5	0.3	0.2	Q	0.2	0.3	0.6
Have Space Heating Equipment	109.8	26.2	28.5	20.4	13.0	21.8	16.3	37.9
Use Space Heating Equipment.....	109.1	25.9	28.1	20.3	12.9	21.8	16.0	37.3
Have But Do Not Use Equipment.....	0.8	0.3	0.3	Q	Q	N	0.4	0.6
Space Heating Usage During 2005								
Heated Floorspace (Square Feet)								
None.....	3.6	1.2	1.2	0.4	0.3	0.5	0.9	1.9
1 to 499.....	6.1	2.9	1.7	0.8	0.3	0.5	1.7	3.5
500 to 999.....	27.7	11.7	8.5	4.1	1.7	1.6	7.2	14.4
1,000 to 1,499.....	26.0	6.3	7.8	5.7	2.8	3.4	4.0	9.4
1,500 to 1,999.....	17.6	2.5	4.8	3.9	2.6	3.8	1.4	4.9
2,000 to 2,499.....	10.7	0.9	2.1	2.3	2.1	3.4	0.6	1.8
2,500 to 2,999.....	7.7	0.5	1.3	1.6	1.6	2.8	0.3	1.1
3,000 to 3,499.....	3.8	0.4	0.6	0.7	0.5	1.7	0.3	0.5
3,500 to 3,999.....	2.6	Q	0.4	Q	0.5	1.4	Q	0.2
4,000 or More.....	5.2	0.4	0.4	0.9	0.7	2.9	Q	0.7
Total Number of Rooms (Excluding Bathrooms)								
0.....	2.1	0.6	0.8	Q	Q	0.3	0.5	1.1
1 or 2.....	3.1	1.7	0.7	0.3	Q	Q	0.9	1.9
3.....	8.3	4.3	2.5	0.8	0.3	0.4	2.4	4.8
4.....	16.6	6.5	5.1	2.7	1.2	1.0	4.1	8.5
5.....	23.3	6.9	7.2	4.5	2.3	2.3	4.5	9.7
6.....	22.6	3.1	6.9	5.0	3.5	4.1	2.0	6.2
7.....	16.3	2.3	3.1	3.9	3.0	4.1	1.4	3.6
8.....	9.7	0.7	1.7	2.1	1.1	4.1	0.5	1.7
9 or More.....	9.1	0.5	0.9	1.1	1.3	5.4	0.3	1.0
At Home Behavior								
Home Used for Business								
Yes.....	8.9	0.8	1.6	1.8	1.3	3.4	0.6	1.5
No.....	102.2	25.9	27.2	18.8	11.8	18.5	16.1	37.1
Someone Home All Day								
Yes.....	56.4	16.6	15.3	9.3	6.4	8.8	10.9	24.0
No.....	54.7	10.1	13.5	11.2	6.7	13.2	5.8	14.5
Housing Unit Characteristics Affecting Usage								
Adequacy of Insulation								
Well Insulated.....	42.8	9.0	11.0	8.2	5.1	9.5	4.8	13.1
Adequately Insulated.....	46.3	10.4	11.4	8.8	6.0	9.8	6.5	14.9
Poorly Insulated.....	19.0	6.0	5.5	3.3	1.8	2.4	4.5	8.7
No Insulation.....	1.4	0.7	0.3	Q	Q	Q	0.5	0.9
Don't Know.....	1.7	0.7	0.6	Q	Q	Q	0.4	1.0
Home is Too Drafty During the Winter								
Never.....	62.9	14.3	16.5	11.7	7.4	13.1	8.2	20.1
Some of the Time.....	32.4	7.6	7.7	6.4	4.2	6.5	5.0	11.2
Most of the Time.....	6.1	2.0	1.5	1.1	0.6	1.0	1.4	2.8
All of the Time.....	5.6	1.9	1.7	0.8	0.5	0.7	1.4	2.8
Don't Know.....	4.1	1.0	1.3	0.7	0.4	0.7	0.7	1.7

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		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Unusually High Ceilings								
Yes.....	27.2	2.3	4.9	5.2	4.5	10.3	1.4	4.2
No.....	76.9	21.4	21.4	14.6	8.2	11.4	13.3	30.5
Not Asked (Mobile Homes).....	6.9	3.0	2.5	0.8	0.4	0.3	1.9	3.9
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	0.9	2.7	3.0	2.9	7.5	0.5	2.0
No.....	10.1	1.4	2.2	2.2	1.6	2.8	0.9	2.2
Type of Glass in Windows								
Single-pane Glass.....	50.7	16.1	14.1	9.1	4.5	6.9	10.4	21.5
Double-pane Glass								
Without Low-e Coating.....	50.6	9.8	12.5	9.8	6.8	11.7	5.8	15.6
With Low-e Coating.....	8.0	0.5	1.6	1.4	1.6	2.9	0.2	1.0
Triple-pane Glass								
Without Low-e Coating.....	1.0	Q	0.3	Q	Q	Q	Q	0.3
With Low-e Coating.....	0.3	N	Q	Q	N	0.2	N	Q
Proportion of Original Windows Replaced								
All.....	22.4	5.1	6.2	3.7	3.4	4.0	3.0	7.9
Some.....	21.6	4.7	5.1	4.2	2.5	5.2	2.9	6.9
None.....	62.3	15.3	16.1	11.9	6.8	12.2	9.7	21.5
Don't Know.....	4.7	1.6	1.4	0.8	0.3	0.6	1.0	2.2
Thermostats								
Do Not Have a Thermostat.....	15.3	6.9	4.4	1.8	1.0	1.2	4.9	9.1
Have a Thermostat.....	95.8	19.9	24.4	18.7	12.1	20.7	11.7	29.5
1.....	84.5	18.7	22.8	16.8	10.4	15.7	11.0	27.7
2 or More.....	11.3	1.1	1.6	1.9	1.7	5.0	0.7	1.8
Have a Programmable Thermostat								
Yes.....	33.1	4.2	6.5	6.5	5.5	10.4	2.6	6.7
No.....	62.7	15.6	17.9	12.2	6.6	10.3	9.2	22.8
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	1.9	3.3	4.0	3.1	6.2	1.2	3.2
No.....	14.5	2.3	3.1	2.5	2.4	4.2	1.3	3.5
Reduces Temperature at Night								
Yes.....	21.5	2.4	4.0	4.3	3.6	7.2	1.5	4.0
No.....	11.6	1.8	2.4	2.3	1.8	3.3	1.0	2.7

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		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Winter 2005 Temperature Settings								
Lower Temperature Settings								
Daytime When No One is at Home								
Yes.....	40.5	7.2	9.1	8.5	5.5	10.2	4.0	10.9
No.....	59.1	15.0	16.5	10.8	6.4	10.4	9.5	21.8
Unknown.....	11.4	4.5	3.1	1.2	1.2	1.4	3.1	5.9
During Sleeping Hours								
Yes.....	40.7	7.5	9.5	8.0	5.2	10.5	4.2	10.8
No.....	60.2	15.1	16.4	11.5	6.8	10.4	9.6	22.4
Unknown.....	10.2	4.2	2.8	1.1	1.0	1.0	2.9	5.4
Daytime Setting When No One is at Home								
Heat Turned On.....	93.7	20.8	24.1	18.3	11.3	19.2	12.5	30.9
63 Degrees or Less.....	18.9	4.0	4.7	3.4	2.6	4.2	2.5	6.0
64 to 66 Degrees.....	17.4	3.1	4.5	3.6	2.1	4.1	1.9	4.7
67 to 69 Degrees.....	17.8	2.9	4.4	4.1	2.2	4.2	1.5	4.6
70 Degrees.....	16.0	4.5	4.0	2.9	1.7	2.9	3.0	6.2
71 to 73 Degrees.....	10.2	2.1	2.6	2.1	1.2	2.2	1.1	3.3
74 Degrees or More.....	13.5	4.1	4.1	2.2	1.4	1.7	2.6	6.0
Don't Know/No Answer.....	7.4	3.2	2.2	0.7	0.6	0.8	2.2	4.1
Heat Turned Off.....	8.7	2.2	2.2	1.4	1.1	1.8	1.6	2.9
Do Not Use Space Heating.....	1.3	0.5	0.3	0.2	Q	0.2	0.3	0.7
Daytime Setting When Someone is at Home								
Heat Turned On.....	101.5	22.7	26.2	19.6	12.1	20.9	14.0	33.3
63 Degrees or Less.....	4.1	1.0	1.3	0.8	0.5	0.5	0.8	1.6
64 to 66 Degrees.....	8.2	2.0	2.2	1.6	0.8	1.7	1.1	3.0
67 to 69 Degrees.....	23.6	3.2	6.0	4.9	3.1	6.4	1.8	4.9
70 Degrees.....	24.6	6.4	5.8	4.3	2.9	5.3	4.0	9.0
71 to 73 Degrees.....	17.6	3.3	4.2	3.7	2.3	4.1	1.7	4.9
74 Degrees or More.....	23.2	6.8	6.7	4.4	2.4	2.9	4.4	9.9
Don't Know/No Answer.....	6.0	2.9	1.8	0.5	0.4	0.4	1.9	3.7
Heat Turned Off.....	2.3	0.6	0.4	Q	0.5	0.4	0.5	0.8
Do Not Use Space Heating.....	1.3	0.5	0.3	0.2	Q	0.2	0.3	0.7
Setting During Sleeping Hours								
Heat Turned On.....	98.1	21.8	25.3	18.9	11.8	20.2	13.3	32.4
63 Degrees or Less.....	13.0	2.7	3.7	2.0	1.5	3.1	1.7	4.0
64 to 66 Degrees.....	18.4	3.8	4.0	4.0	2.4	4.3	2.0	5.1
67 to 69 Degrees.....	20.8	3.3	5.5	4.2	2.6	5.2	1.7	5.2
70 Degrees.....	18.5	4.9	4.8	3.5	2.0	3.2	3.5	7.2
71 to 73 Degrees.....	11.1	2.3	2.9	2.0	1.5	2.4	1.3	3.5
74 Degrees or More.....	16.3	4.9	4.4	3.2	1.8	2.0	3.0	7.2
Don't Know/No Answer.....	6.4	3.0	1.9	0.6	0.5	0.5	2.0	3.8
Heat Turned Off.....	5.4	1.4	1.2	0.9	0.7	1.1	1.1	1.8
Do Not Use Space Heating.....	1.3	0.5	0.3	0.2	Q	0.2	0.3	0.7

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Secondary Heating								
Use Any Secondary Heating Equipment								
Yes.....	34.9	5.9	8.4	6.6	4.4	9.5	3.7	9.0
No.....	74.9	20.3	20.0	13.8	8.5	12.2	12.7	28.9
Proportion of Heat Provided by Secondary Heating Equipment								
Close to One-Half.....	4.4	0.9	1.1	0.7	0.5	1.2	0.6	1.3
About One-Quarter.....	5.8	0.9	1.4	1.0	1.2	1.5	0.8	1.4
Very Little or None.....	24.7	4.2	5.9	4.9	2.8	6.9	2.3	6.3
Type of Supplemental Heating Equipment Used								
Heat Pump.....	0.6	Q	Q	Q	Q	0.4	Q	Q
Central Warm-Air Furnace.....	2.3	0.4	0.6	0.3	0.3	0.6	0.3	0.6
Steam/Hot Water System.....	Q	N	Q	Q	N	Q	N	Q
Built-in Electric Units.....	2.2	0.3	0.5	0.3	0.5	0.6	Q	0.4
Built-in Pipeless Furnace.....	0.3	Q	Q	Q	Q	Q	Q	Q
Built-in Room Heaters.....	1.4	0.2	0.4	0.3	Q	Q	Q	0.3
Heating Stove.....	2.1	0.2	0.6	0.4	0.3	0.6	0.1	0.5
Portable Electric Heaters.....	14.3	3.2	3.9	2.9	1.5	2.8	2.1	4.8
Portable Kerosene Heaters.....	0.6	0.2	Q	Q	Q	Q	Q	0.3
Cooking Stove.....	0.5	0.3	Q	Q	N	Q	0.2	0.4
Fireplace.....	10.5	1.0	1.9	2.0	1.5	4.1	0.4	1.5
Fireplace Fuel								
Wood.....	6.9	0.9	1.2	1.6	1.0	2.2	0.3	1.2
Natural Gas.....	2.7	Q	0.4	0.4	0.5	1.4	Q	Q
Propane.....	0.9	Q	Q	Q	Q	0.5	N	Q
Use of Gas Fireplace During Winter Months								
Most Days.....	1.2	Q	Q	Q	Q	0.7	Q	Q
About Once a Week.....	1.3	N	Q	Q	Q	0.8	N	N
Less than 4 Times each Month.....	1.1	Q	0.3	Q	Q	0.4	Q	Q
Humidifier Use Each Year								
Use a Humidifier.....	14.2	2.3	3.2	2.5	1.9	4.3	1.4	3.9
1 to 3 Months Each Year.....	7.1	1.0	1.8	1.4	1.0	1.9	0.6	2.1
4 to 6 Months Each Year.....	5.6	1.1	0.8	1.0	0.8	1.8	0.5	1.4
7 to 9 Months Each Year.....	0.4	Q	Q	Q	Q	Q	Q	Q
10 to 11 months.....	Q	N	Q	N	N	Q	N	Q
Turned on All Year Long.....	1.1	Q	0.4	Q	Q	0.3	Q	0.3
Do Not Use a Humidifier.....	96.9	24.4	25.6	18.0	11.1	17.7	15.2	34.7

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.