

Table HC3.5 Space Heating Usage Indicators by Owner-Occupied Housing Unit, 2005
Million U.S. Housing Units

Space Heating Usage Indicators	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	
Total U.S. Housing Units.....	111.1	78.1	64.1	4.2	1.8	2.3	5.7
Do Not Have Heating Equipment.....	1.2	0.6	0.3	N	Q	Q	Q
Have Space Heating Equipment.....	109.8	77.5	63.7	4.2	1.8	2.2	5.6
Use Space Heating Equipment.....	109.1	77.2	63.6	4.2	1.8	2.1	5.6
Have But Do Not Use Equipment.....	0.8	0.3	Q	N	Q	Q	Q
Space Heating Usage During 2005							
Heated Floorspace (Square Feet)							
None.....	3.6	1.5	0.9	Q	Q	Q	0.3
1 to 499.....	6.1	2.8	1.6	Q	Q	0.3	0.5
500 to 999.....	27.7	11.9	7.7	0.6	0.3	0.8	2.5
1,000 to 1,499.....	26.0	18.4	14.0	1.1	0.8	0.7	1.9
1,500 to 1,999.....	17.6	15.3	13.8	0.8	Q	Q	0.3
2,000 to 2,499.....	10.7	10.0	9.1	0.7	Q	Q	Q
2,500 to 2,999.....	7.7	7.2	6.7	0.3	Q	Q	Q
3,000 to 3,499.....	3.8	3.6	3.5	Q	Q	N	N
3,500 to 3,999.....	2.6	2.5	2.3	Q	Q	Q	N
4,000 or More.....	5.2	5.0	4.7	Q	Q	Q	N
Total Number of Rooms (Excluding Bathrooms)							
0.....	2.1	0.7	0.6	Q	Q	Q	Q
1 or 2.....	3.1	0.4	Q	N	N	Q	Q
3.....	8.3	1.4	0.3	Q	Q	0.3	0.7
4.....	16.6	7.3	3.5	0.6	0.6	1.0	1.6
5.....	23.3	16.3	12.5	0.9	0.4	0.5	2.0
6.....	22.6	19.1	16.8	1.2	0.3	Q	0.7
7.....	16.3	15.0	13.8	0.6	Q	Q	0.4
8.....	9.7	9.1	8.5	0.4	Q	N	Q
9 or More.....	9.1	8.8	8.1	0.4	Q	Q	Q
At Home Behavior							
Home Used for Business							
Yes.....	8.9	7.7	6.9	0.3	Q	Q	0.4
No.....	102.2	70.4	57.1	3.8	1.8	2.2	5.4
Someone Home All Day							
Yes.....	56.4	41.4	34.6	1.8	0.9	1.0	3.0
No.....	54.7	36.7	29.4	2.3	0.9	1.3	2.8
Housing Unit Characteristics Affecting Usage							
Adequacy of Insulation							
Well Insulated.....	42.8	32.8	27.8	1.5	1.0	0.9	1.6
Adequately Insulated.....	46.3	33.0	26.8	2.1	0.5	1.0	2.4
Poorly Insulated.....	19.0	11.1	8.5	0.5	0.2	0.3	1.5
No Insulation.....	1.4	0.8	0.6	N	Q	Q	Q
Don't Know.....	1.7	0.4	0.3	N	Q	Q	Q
Home is Too Drafty During the Winter							
Never.....	62.9	47.6	39.6	2.3	1.2	1.5	2.9
Some of the Time.....	32.4	22.5	18.2	1.5	0.5	0.5	1.7
Most of the Time.....	6.1	3.5	2.7	Q	Q	Q	0.5
All of the Time.....	5.6	3.1	2.3	Q	Q	Q	0.5
Don't Know.....	4.1	1.4	1.3	Q	N	Q	Q

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Unusually High Ceilings							
Yes.....	27.2	23.7	21.3	1.5	0.5	0.3	N
No.....	76.9	48.7	42.7	2.7	1.4	2.0	N
Not Asked (Mobile Homes).....	6.9	5.7	N	N	N	N	5.7
Cathedral Ceilings (In Housing Units with High Ceilings)							
Yes.....	17.1	15.5	14.3	1.0	Q	Q	N
No.....	10.1	8.1	7.1	0.5	0.3	Q	N
Type of Glass in Windows							
Single-pane Glass.....	50.7	30.6	23.6	1.3	0.7	1.2	3.8
Double-pane Glass							
Without Low-e Coating.....	50.6	38.5	32.1	2.6	1.0	1.0	1.9
With Low-e Coating.....	8.0	7.5	7.0	0.3	Q	Q	Q
Triple-pane Glass							
Without Low-e Coating.....	1.0	0.8	0.8	N	N	N	N
With Low-e Coating.....	0.3	0.3	0.3	Q	Q	Q	N
Proportion of Original Windows Replaced							
All.....	22.4	16.9	14.4	1.2	0.6	0.4	0.4
Some.....	21.6	18.2	15.8	0.9	0.4	Q	0.9
None.....	62.3	42.2	33.2	2.1	0.9	1.7	4.3
Don't Know.....	4.7	0.9	0.7	N	Q	Q	Q
Thermostats							
Do Not Have a Thermostat.....	15.3	7.7	5.8	0.3	Q	0.3	1.1
Have a Thermostat.....	95.8	70.4	58.3	3.8	1.6	2.0	4.7
1.....	84.5	60.7	49.4	3.4	1.4	1.9	4.5
2 or More.....	11.3	9.7	8.9	0.4	Q	Q	Q
Have a Programmable Thermostat							
Yes.....	33.1	27.7	23.9	1.6	0.6	0.8	0.8
No.....	62.7	42.6	34.4	2.2	1.0	1.2	3.9
Use of Programmable Thermostats							
Reduces Temperature During Day							
Yes.....	18.6	16.2	14.0	0.8	0.5	0.4	0.6
No.....	14.5	11.5	10.0	0.9	Q	0.3	0.2
Reduces Temperature at Night							
Yes.....	21.5	18.6	15.9	1.1	0.5	0.5	0.7
No.....	11.6	9.1	8.1	0.6	Q	Q	Q

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Winter 2005 Temperature Settings							
Lower Temperature Settings							
Daytime When No One is at Home							
Yes.....	40.5	31.3	26.2	1.6	1.1	0.6	1.9
No.....	59.1	41.3	33.8	2.3	0.7	1.3	3.2
Unknown.....	11.4	5.5	4.1	Q	Q	0.4	0.6
During Sleeping Hours							
Yes.....	40.7	33.3	27.6	1.8	0.9	0.7	2.1
No.....	60.2	40.2	32.9	2.1	0.9	1.3	3.0
Unknown.....	10.2	4.7	3.5	Q	Q	0.3	0.6
Daytime Setting When No One is at Home							
Heat Turned On.....	93.7	68.7	56.7	3.8	1.7	1.6	4.9
63 Degrees or Less.....	18.9	13.9	11.5	0.6	0.5	Q	1.0
64 to 66 Degrees.....	17.4	13.5	11.4	1.0	0.3	Q	0.7
67 to 69 Degrees.....	17.8	14.4	12.2	1.0	0.3	Q	0.7
70 Degrees.....	16.0	10.3	8.0	0.6	Q	0.4	1.1
71 to 73 Degrees.....	10.2	7.8	6.5	0.4	Q	Q	0.6
74 Degrees or More.....	13.5	8.7	7.2	0.3	Q	0.4	0.7
Don't Know/No Answer.....	7.4	3.5	2.7	Q	Q	Q	0.4
Heat Turned Off.....	8.7	5.3	4.3	Q	N	0.4	0.3
Do Not Use Space Heating.....	1.3	0.6	0.3	N	Q	Q	Q
Daytime Setting When Someone is at Home							
Heat Turned On.....	101.5	73.9	60.9	4.0	1.8	1.9	5.2
63 Degrees or Less.....	4.1	2.4	2.1	Q	Q	N	Q
64 to 66 Degrees.....	8.2	6.1	5.0	0.5	Q	Q	0.3
67 to 69 Degrees.....	23.6	19.5	16.6	1.1	0.3	Q	1.2
70 Degrees.....	24.6	17.0	13.7	1.0	0.4	0.5	1.4
71 to 73 Degrees.....	17.6	14.1	11.8	0.7	0.4	Q	0.8
74 Degrees or More.....	23.2	14.7	11.6	0.4	0.4	0.8	1.5
Don't Know/No Answer.....	6.0	2.5	1.9	Q	Q	Q	0.4
Heat Turned Off.....	2.3	1.1	0.9	Q	N	Q	Q
Do Not Use Space Heating.....	1.3	0.6	0.3	N	Q	Q	Q
Setting During Sleeping Hours							
Heat Turned On.....	98.1	71.5	58.8	3.9	1.8	1.8	5.1
63 Degrees or Less.....	13.0	10.1	8.4	0.7	Q	Q	0.7
64 to 66 Degrees.....	18.4	14.9	12.5	0.9	0.5	Q	0.8
67 to 69 Degrees.....	20.8	16.8	14.2	1.1	0.4	0.3	0.9
70 Degrees.....	18.5	11.8	9.2	0.7	Q	0.4	1.4
71 to 73 Degrees.....	11.1	8.2	7.0	0.3	Q	Q	0.5
74 Degrees or More.....	16.3	9.6	7.6	0.4	Q	0.5	0.9
Don't Know/No Answer.....	6.4	2.9	2.2	Q	Q	Q	0.3
Heat Turned Off.....	5.4	3.1	2.6	Q	N	Q	Q
Do Not Use Space Heating.....	1.3	0.6	0.3	N	Q	Q	Q

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			Detached	Attached	2 to 4 Units	5 or More Units	
Secondary Heating							
Use Any Secondary Heating Equipment							
Yes.....	34.9	29.7	26.7	0.9	0.4	Q	1.6
No.....	74.9	47.8	37.0	3.2	1.4	2.0	4.1
Proportion of Heat Provided by Secondary Heating Equipment							
Close to One-Half.....	4.4	3.5	3.2	Q	N	N	Q
About One-Quarter.....	5.8	5.0	4.6	Q	Q	N	0.3
Very Little or None.....	24.7	21.2	18.9	0.7	0.3	Q	1.1
Type of Supplemental Heating Equipment Used							
Heat Pump.....	0.6	0.6	0.6	N	N	N	N
Central Warm-Air Furnace.....	2.3	2.2	2.0	N	N	N	Q
Steam/Hot Water System.....	Q	Q	Q	Q	N	N	N
Built-in Electric Units.....	2.2	1.8	1.7	Q	N	N	Q
Built-in Pipeless Furnace.....	0.3	Q	Q	N	N	N	N
Built-in Room Heaters.....	1.4	1.4	1.3	Q	N	N	Q
Heating Stove.....	2.1	1.9	1.9	Q	N	N	Q
Portable Electric Heaters.....	14.3	10.8	9.4	0.4	0.2	Q	0.8
Portable Kerosene Heaters.....	0.6	0.5	0.4	Q	N	N	Q
Cooking Stove.....	0.5	0.3	Q	Q	N	N	Q
Fireplace.....	10.5	9.7	8.9	0.3	Q	Q	Q
Fireplace Fuel							
Wood.....	6.9	6.3	5.8	Q	Q	Q	Q
Natural Gas.....	2.7	2.5	2.2	Q	Q	Q	N
Propane.....	0.9	0.9	0.9	N	N	N	N
Use of Gas Fireplace During Winter Months							
Most Days.....	1.2	1.1	1.0	Q	Q	N	N
About Once a Week.....	1.3	1.2	1.1	Q	N	N	N
Less than 4 Times each Month.....	1.1	1.1	1.0	Q	Q	Q	N
Humidifier Use Each Year							
Use a Humidifier.....	14.2	12.0	10.3	0.8	0.3	Q	0.5
1 to 3 Months Each Year.....	7.1	5.6	4.8	0.3	Q	Q	0.3
4 to 6 Months Each Year.....	5.6	5.1	4.5	Q	Q	Q	Q
7 to 9 Months Each Year.....	0.4	0.4	0.2	Q	N	N	Q
10 to 11 months.....	Q	Q	Q	N	N	N	N
Turned on All Year Long.....	1.1	0.9	0.7	Q	N	Q	Q
Do Not Use a Humidifier.....	96.9	66.1	53.8	3.4	1.5	2.1	5.3

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.