

**Table HC1.3 Heated Floorspace Usage Indicators, 2005**  
**Million U.S. Housing Units**

Usage Indicators	Housing Units (millions)	Heated Floorspace (square feet)						
		Fewer than 500	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 to 2,499	2,500 to 2,999	3,000 or More
<b>Total</b> .....	111.1	6.1	27.7	26.0	17.6	10.0	7.8	11.6
<b>No Main Space Heating Equipment</b> .....	1.2	N	N	N	N	N	N	N
<b>Have Main Space Heating Equipment</b> .....	109.8	6.1	27.7	26.0	17.6	10.0	7.8	11.6
Use Main Space Heating Equipment.....	109.1	6.1	27.7	26.0	17.6	10.0	7.8	11.6
Have Equipment But Do Not Use it.....	0.8	N	N	N	N	N	N	N
<b>Main Space Heating Usage During 2005</b>								
<b>Total Number of Rooms</b>								
(Excluding Bathrooms)								
None.....	2.1	N	Q	Q	N	N	N	N
1 or 2.....	3.1	1.4	1.3	Q	N	Q	N	Q
3.....	8.3	1.4	5.6	0.9	Q	N	N	Q
4.....	16.6	1.7	9.0	3.8	1.1	Q	Q	Q
5.....	23.3	0.8	7.1	8.9	3.4	1.0	0.7	0.9
6.....	22.6	0.5	2.7	7.2	5.8	3.0	1.7	1.5
7.....	16.3	Q	1.4	3.4	3.7	3.0	1.9	2.5
8.....	9.7	Q	0.4	1.0	2.4	1.0	2.0	2.2
9 or More.....	9.1	Q	0.2	0.7	1.3	1.0	1.3	4.2
<b>At Home Behavior</b>								
<b>Home Used for Business</b>								
Yes.....	8.9	Q	1.3	1.4	1.6	1.0	0.9	2.0
No.....	102.2	5.9	26.5	24.7	16.0	9.0	6.8	9.6
<b>Someone Home All Day</b>								
Yes.....	56.4	2.8	12.9	14.1	9.2	5.0	4.4	5.9
No.....	54.7	3.3	14.9	12.0	8.4	5.0	3.4	5.7
<b>Housing Unit Characteristics Affecting Usage</b>								
<b>Climate Zone<sup>1</sup></b>								
Fewer than 2,000 CDD and--								
More than 7,000 HDD.....	10.9	0.2	2.3	1.9	1.9	1.0	1.1	2.2
5,500 to 7,000 HDD.....	26.1	1.2	6.9	5.3	4.0	2.0	2.1	3.4
4,000 to 5,499 HDD.....	27.3	1.5	6.5	6.4	4.5	3.0	1.7	3.5
Less than 4,000 HDD.....	24.0	1.9	6.5	6.1	3.3	1.0	1.5	1.4
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	1.2	5.6	6.4	3.9	1.0	1.4	1.1
<b>Adequacy of Insulation</b>								
Well Insulated.....	42.8	1.9	9.1	9.1	7.4	4.0	3.6	6.3
Adequately Insulated.....	46.3	2.4	11.0	11.5	7.5	4.0	3.4	4.3
Poorly Insulated.....	19.0	1.5	6.5	4.8	2.5	1.0	0.7	0.9
No Insulation.....	1.4	Q	0.4	0.3	Q	N	Q	N
Don't Know.....	1.7	Q	0.6	0.4	Q	Q	Q	Q
<b>Home is Too Drafty During the Winter.....</b>								
Never.....	62.9	3.2	14.5	14.3	10.3	6.0	4.7	7.5
Some of the Time.....	32.4	1.7	8.1	7.8	5.5	3.0	2.4	3.0
Most of the Time.....	6.1	0.4	2.0	1.6	0.8	0.0	0.3	0.5
All of the Time.....	5.6	0.5	1.9	1.5	0.7	0.0	Q	Q
Don't Know.....	4.1	0.3	1.4	0.9	0.4	0.0	Q	0.4

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Usage Indicators	Housing Units (millions)	Heated Floorspace (square feet)						
		Fewer than 500	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 to 2,499	2,500 to 2,999	3,000 or More
<b>Unusually High Ceilings</b>								
Yes.....	27.2	0.7	3.1	4.6	5.2	4.0	3.2	5.8
No.....	76.9	4.9	21.3	19.3	12.1	6.0	4.5	5.7
Not Asked (Mobile Homes).....	6.9	0.6	3.3	2.1	0.4	Q	Q	N
<b>Cathedral Ceilings</b> (In Housing Units with High Ceilings)								
Yes.....	17.1	0.3	1.6	2.8	3.3	2.0	1.9	4.1
No.....	10.1	0.4	1.5	1.9	1.9	1.0	1.3	1.8
<b>Type of Glass in Windows</b>								
Single-pane Glass.....	50.7	3.9	16.3	12.6	6.9	3.0	2.1	2.9
Double-pane Glass								
Without Low-e Coating.....	50.6	2.0	10.5	12.0	8.6	5.0	4.5	6.5
With Low-e Coating.....	8.0	Q	0.7	1.2	1.7	1.0	1.0	1.8
Triple-pane Glass								
Without Low-e Coating.....	1.0	N	Q	Q	Q	Q	Q	0.3
With Low-e Coating.....	0.3	N	Q	Q	Q	Q	N	Q
<b>Proportion of Original Windows Replaced</b>								
All.....	22.4	1.3	4.6	5.6	3.9	2.0	1.7	2.5
Some.....	21.6	0.9	4.4	4.8	4.2	2.0	1.6	2.5
None.....	62.3	3.3	16.6	14.7	9.0	5.0	4.4	6.4
Don't Know.....	4.7	0.5	2.1	1.0	0.5	0.0	Q	Q
<b>Thermostats</b>								
Do Not Have a Thermostat.....	15.3	2.4	5.7	2.7	1.5	0.0	0.3	0.3
Have a Thermostat.....	95.8	3.8	22.0	23.3	16.1	10.0	7.5	11.2
1.....	84.5	3.3	20.6	21.5	14.5	8.0	5.8	8.4
2 or More.....	11.3	0.4	1.5	1.8	1.6	1.0	1.7	2.9
Have a Programmable Thermostat.....								
Yes.....	33.1	1.1	4.9	6.7	6.3	4.0	3.4	6.0
No.....	62.7	2.7	17.1	16.6	9.8	5.0	4.1	5.2
<b>Use of Programmable Thermostats</b>								
<b>Reduces Temperature During Day</b>								
Yes.....	18.6	0.4	2.6	3.7	3.7	2.0	1.9	3.6
No.....	14.5	0.7	2.3	3.0	2.6	1.0	1.5	2.5
<b>Reduces Temperature at Night</b>								
Yes.....	21.5	0.5	2.9	4.4	4.2	3.0	2.1	4.1
No.....	11.6	0.6	2.1	2.3	2.1	1.0	1.2	1.9
<b>Winter 2005 Temperature Settings</b>								
<b>Lower Temperature Settings</b>								
<b>Daytime When No One is at Home</b>								
Yes.....	40.5	1.4	8.9	9.6	7.3	4.0	3.4	4.9
No.....	59.1	3.2	15.3	14.5	9.2	5.0	4.0	6.2
Unknown.....	11.4	1.6	3.5	1.9	1.1	0.0	Q	0.4
<b>During Sleeping Hours</b>								
Yes.....	40.7	1.3	8.1	9.7	7.2	4.0	3.7	5.7
No.....	60.2	3.4	16.4	14.7	9.5	5.0	3.8	5.6
Unknown.....	10.2	1.4	3.2	1.6	0.9	0.0	Q	Q

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<b>Daytime Setting When No One is at Home</b>								
Heat Turned On.....	93.7	4.0	22.3	22.3	15.8	9.0	7.3	11.0
63 Degrees or Less.....	18.9	1.0	4.5	4.4	3.0	2.0	1.3	2.2
64 to 66 Degrees.....	17.4	0.6	3.9	3.8	3.6	2.0	1.2	2.2
67 to 69 Degrees.....	17.8	0.6	3.2	4.2	2.9	1.0	2.1	2.7
70 Degrees.....	16.0	0.7	4.8	3.6	2.2	1.0	1.0	1.9
71 to 73 Degrees.....	10.2	Q	2.5	2.7	1.6	1.0	0.8	1.1
74 Degrees or More.....	13.5	0.8	3.3	3.6	2.5	1.0	0.9	1.1
Don't Know/No Answer.....	7.4	1.2	2.8	1.4	0.8	0.0	Q	0.4
Do Not Use Space Heating.....	1.3	N	Q	N	Q	N	N	N
Heat Turned Off.....	8.7	1.0	2.6	2.3	1.0	0.0	0.3	Q
<b>Daytime Setting When Someone is at Home</b>								
Heat Turned On.....	101.5	4.8	24.9	24.4	16.8	10.0	7.5	11.4
63 Degrees or Less.....	4.1	0.4	1.4	0.8	0.7	0.0	Q	0.3
64 to 66 Degrees.....	8.2	0.4	1.9	2.2	1.2	1.0	0.5	1.0
67 to 69 Degrees.....	23.6	0.7	4.3	5.1	4.2	2.0	2.3	3.9
70 Degrees.....	24.6	1.3	6.6	6.0	3.8	2.0	1.5	2.6
71 to 73 Degrees.....	17.6	0.5	4.0	4.1	3.1	2.0	1.7	2.2
74 Degrees or More.....	23.2	1.4	6.7	6.3	3.9	1.0	1.3	1.5
Don't Know/No Answer.....	6.0	1.0	2.4	1.3	0.5	Q	Q	Q
Do Not Use Space Heating.....	1.3	N	Q	N	Q	N	N	N
Heat Turned Off.....	2.3	0.4	0.5	0.4	Q	Q	Q	Q
<b>Setting During Sleeping Hours</b>								
Heat Turned On.....	98.1	4.5	23.6	23.6	16.4	10.0	7.4	11.3
63 Degrees or Less.....	13.0	0.6	3.0	2.9	2.3	1.0	1.1	1.5
64 to 66 Degrees.....	18.4	0.8	3.8	4.3	3.3	2.0	1.5	2.7
67 to 69 Degrees.....	20.8	0.7	4.1	4.7	3.3	2.0	2.0	3.3
70 Degrees.....	18.5	0.9	5.7	4.2	2.9	1.0	1.1	1.7
71 to 73 Degrees.....	11.1	0.4	2.5	2.9	1.8	1.0	0.8	1.2
74 Degrees or More.....	16.3	1.1	4.6	4.5	2.9	1.0	0.9	0.9
Don't Know/No Answer.....	6.4	1.0	2.5	1.4	0.6	Q	Q	Q
Do Not Use Space Heating.....	1.3	N	Q	N	Q	N	N	N
Heat Turned Off.....	5.4	0.7	1.6	1.1	0.6	Q	Q	Q
<b>Secondary Heating</b>								
<b>Use Any Secondary Heating Equipment..</b>								
Yes.....	34.9	1.1	6.7	7.3	6.2	4.0	3.1	5.8
No.....	74.9	5.0	21.0	18.7	11.4	6.0	4.6	5.8
<b>Proportion of Heat Provided by.....</b>								
<b>Secondary Heating Equipment.....</b>								
Close to One-Half.....	4.4	0.2	0.9	1.0	0.8	0.0	0.4	0.6
About One-Quarter.....	5.8	0.3	1.1	1.0	0.9	0.0	0.7	0.9
Very Little or None.....	24.7	0.5	4.7	5.3	4.5	3.0	2.1	4.3

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		Fewer than 500	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 to 2,499	2,500 to 2,999	3,000 or More	
<b>Type of Supplemental Heating Equipment Used</b>									
Heat Pump.....	0.6	Q	N	Q	Q	Q	Q	0.4	
Central Warm-Air Furnace.....	2.3	Q	0.5	0.4	0.4	0.0	4	Q	0.4
Steam/Hot Water System.....	Q	N	N	Q	N	Q		Q	Q
Built-in Electric Units.....	2.2	Q	0.4	0.4	0.5	0.0	2	Q	0.4
Built-in Pipeless Furnace.....	0.3	Q	Q	Q	Q	Q		Q	N
Built-in Room Heaters.....	1.4	N	0.3	0.4	0.3	Q		Q	Q
Heating Stove.....	2.1	N	Q	0.4	0.6	0.0	3	Q	0.5
Portable Electric Heaters.....	14.3	0.8	3.6	3.5	2.1	1.0		1.3	1.5
Portable Kerosene Heaters.....	0.6	N	Q	Q	Q	Q		Q	Q
Cooking Stove.....	0.5	Q	0.3	Q	Q	Q		N	N
Fireplace.....	10.5	Q	1.3	1.9	2.1	1.0		1.0	2.4
<b>Fireplace Fuel</b>									
Wood.....	6.9	Q	1.0	1.2	1.6	1.0		0.7	1.1
Natural Gas.....	2.7	N	0.2	0.5	0.4	0.0	5	Q	0.8
Propane.....	0.9	N	Q	Q	Q	Q		Q	0.4
<b>Use of Gas Fireplace</b>									
<b>During Winter Months</b>									
Most Days.....	1.2	N	Q	Q	Q	Q		Q	0.5
About Once a Week.....	1.3	N	Q	Q	Q	0.0	3	Q	0.5
Less than 4 Times each Month.....	1.1	N	Q	Q	0.3	Q		Q	0.3
<b>Humidifier Use Each Year</b>									
Use a Humidifier.....	14.2	0.3	2.7	2.3	2.4	2.0		1.4	2.9
1 to 3 Months Each Year.....	7.1	Q	1.5	1.3	1.1	1.0		0.7	1.2
4 to 6 Months Each Year.....	5.6	Q	1.0	0.8	1.0	0.0		0.5	1.3
7 to 9 Months Each Year.....	0.4	Q	Q	Q	Q	Q		Q	Q
10 to 11 months.....	Q	N	N	Q	N	N		Q	Q
Turned on All Year Long.....	1.1	Q	Q	0.3	Q	Q		Q	Q
Do Not Use a Humidifier.....	96.9	5.8	25.1	23.7	15.2	8.0		6.3	8.6

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.