

**Table HC6-1a. Usage Indicators by Climate Zone,  
Million U.S. Households, 2001**

Usage Indicators	Total	Climate Zone <sup>1</sup>					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:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Total</b> .....	107.0	9.2	28.6	24.0	21.0	24.1	7.8
<b>Weekday Home Activities</b>							
Home Used for Business							
Yes .....	7.6	0.9	1.9	2.2	1.2	1.3	14.9
No .....	99.4	8.3	26.8	21.8	19.8	22.8	8.0
Energy-Intensive Activity							
Yes .....	1.7	0.2	0.7	0.5	Q	Q	22.6
No .....	105.2	9.0	28.0	23.5	20.9	23.9	7.9
Someone Home All Day							
Yes .....	53.0	4.5	14.0	11.9	10.8	11.7	7.8
No .....	53.9	4.7	14.6	12.1	10.2	12.3	7.4
<b>Heating</b>							
Heat Home .....	106.0	9.2	28.6	23.9	20.7	23.6	7.9
Do Not Heat Home .....	1.0	Q	Q	Q	0.3	0.5	16.7
No Heating Equipment .....	0.5	Q	Q	Q	Q	0.4	34.0
Have Equipment But Do Not Use It .....	0.4	Q	Q	Q	0.2	Q	33.7
<b>Adequacy of Insulation</b>							
Well Insulated .....	42.6	3.8	12.3	10.3	7.2	9.1	8.9
Adequately Insulated .....	43.1	3.6	10.7	9.8	8.7	10.3	8.1
Poorly Insulated .....	19.4	1.6	5.4	3.7	4.6	4.2	10.3
No Insulation .....	0.9	Q	Q	Q	0.2	0.3	27.1
Don't Know .....	0.9	Q	Q	Q	0.3	Q	30.3
<b>Occurrences of Drafts During Winter</b>							
Never .....	5.9	0.5	2.1	1.2	0.9	1.3	16.6
Some of the Time .....	6.4	0.5	1.6	1.5	1.4	1.4	14.2
Most of the Time .....	34.6	3.3	9.8	8.0	7.2	6.3	9.1
All of the Time .....	55.3	4.7	13.9	12.4	10.5	13.8	8.4
Don't Know .....	4.7	0.4	1.2	0.9	1.0	1.3	16.2
<b>Thermostat</b>							
Heat Home .....	106.0	9.2	28.6	23.9	20.7	23.6	7.9
Thermostat Available During Heating Season .....	91.5	8.2	26.4	19.2	17.0	20.7	8.4
Programmable <sup>2</sup>							
Yes .....	25.1	2.4	7.8	5.1	5.5	4.3	12.2
No .....	66.4	5.8	18.6	14.2	11.5	16.3	8.4
No Thermostat .....	14.5	1.1	2.2	4.7	3.6	2.9	11.4
Do Not Heat Home .....	1.0	Q	Q	Q	0.3	0.5	16.7
<b>Lower Winter Temperature Settings<sup>2</sup></b>							
Daytime When No One is at Home							
Yes .....	47.2	4.2	12.5	9.0	11.0	10.5	9.1
No .....	48.5	4.5	13.9	13.0	6.9	10.2	8.7
Unknown .....	10.3	0.6	2.2	1.9	2.7	2.9	12.4
During Sleeping Hours							
Yes .....	45.7	4.3	11.8	9.6	10.6	9.3	9.0
No .....	51.1	4.3	14.8	12.5	7.6	11.9	8.6
Unknown .....	9.2	0.6	2.0	1.7	2.4	2.4	13.2

See footnotes at end of table.

**Table HC6-1a. Usage Indicators by Climate Zone,  
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Climate Zone <sup>1</sup>					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:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Daytime Winter Temperature When Someone is at Home<sup>2</sup></b>							
Heat Turned On .....	96.8	8.6	26.6	22.2	18.2	21.1	8.1
63 Degrees or Less .....	3.9	0.5	1.4	0.7	0.9	0.4	17.9
64 to 66 Degrees .....	8.4	0.9	2.6	1.8	2.0	1.3	13.9
67 to 69 Degrees .....	23.6	3.0	8.0	5.3	4.2	3.2	9.7
70 Degrees .....	25.7	2.4	6.3	6.7	4.8	5.4	9.9
71 to 73 Degrees .....	16.5	1.2	4.6	4.3	2.8	3.5	11.4
74 Degrees or More .....	18.6	0.7	3.7	3.4	3.5	7.3	11.1
Heat Turned Off .....	2.0	Q	Q	Q	1.0	0.7	18.0
Unknown/No Answer .....	7.2	0.6	1.8	1.6	1.4	1.8	15.6
<b>Daytime Winter Temperature When No One is at Home<sup>2</sup></b>							
Heat Turned On .....	87.6	8.5	25.6	21.0	14.4	18.0	7.2
63 Degrees or Less .....	17.7	2.2	5.1	3.3	3.8	3.2	13.2
64 to 66 Degrees .....	17.2	1.8	5.6	3.7	3.3	2.7	11.0
67 to 69 Degrees .....	19.1	2.4	6.5	4.6	2.6	3.0	11.9
70 Degrees .....	15.1	1.2	4.2	4.6	2.0	3.1	11.8
71 to 73 Degrees .....	8.7	0.6	2.6	2.6	1.2	1.7	13.2
74 Degrees or More .....	9.8	0.3	1.6	2.2	1.4	4.3	14.8
Heat Turned Off .....	10.5	Q	Q	1.2	4.7	3.6	13.7
Unknown/No Answer .....	8.0	0.6	2.1	1.8	1.6	2.0	14.4
<b>Winter Temperature During Sleeping Hours<sup>2</sup></b>							
Heat Turned On .....	91.8	8.6	26.2	21.4	15.5	20.1	8.3
63 Degrees or Less .....	15.4	2.0	4.4	3.1	3.5	2.4	13.0
64 to 66 Degrees .....	17.4	2.0	5.3	3.5	3.6	3.1	11.0
67 to 69 Degrees .....	21.0	2.4	7.1	5.2	2.9	3.4	10.5
70 Degrees .....	17.4	1.3	4.7	4.9	2.6	4.1	11.4
71 to 73 Degrees .....	9.5	0.5	2.6	2.7	1.4	2.4	15.5
74 Degrees or More .....	11.1	0.4	2.1	2.2	1.5	4.9	14.4
Heat Turned Off .....	7.1	Q	Q	0.9	3.8	1.8	15.3
Unknown/No Answer .....	7.1	0.6	1.9	1.6	1.4	1.7	15.5
<b>Air-Conditioning</b>							
<b>Central Air-Conditioning</b>							
Use a Central System .....	58.6	3.1	13.1	12.9	11.1	18.5	9.1
All Summer .....	28.4	0.7	3.6	5.3	6.0	12.8	12.2
Quite a Bit .....	12.1	0.5	3.4	3.2	1.6	3.4	13.6
Only a Few Times .....	16.8	1.8	5.9	4.2	2.9	1.9	12.5
Not at All .....	1.4	Q	Q	Q	0.6	0.4	24.6
No Central System .....	48.4	6.1	15.5	11.2	9.9	5.6	8.5
<b>Window/Wall Air-Conditioning</b>							
Use Window/Wall Units .....	25.1	2.3	7.9	7.6	3.4	4.0	11.1
All Summer .....	4.9	0.2	1.0	1.5	0.8	1.4	21.0
Quite a Bit .....	5.2	0.5	1.3	1.8	0.7	0.9	19.4
Only a Few Times .....	14.1	1.4	5.4	4.1	1.6	1.6	11.7
Not at All .....	0.9	Q	0.2	Q	0.3	Q	23.4
No Window/Wall Units .....	81.9	7.0	20.7	16.5	17.6	20.1	6.7

See footnotes at end of table.

**Table HC6-1a. Usage Indicators by Climate Zone,  
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Climate Zone <sup>1</sup>					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:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Hot Water</b>							
<b>Dishwasher Use Each Week</b>							
Use a Dishwasher .....	56.7	4.7	14.7	12.3	11.2	13.7	7.4
Less Than Once a Week .....	9.4	0.7	1.9	2.1	2.2	2.5	12.0
Once Each Week .....	7.5	0.7	2.0	1.5	1.7	1.5	15.3
2 to 3 Times .....	17.8	1.4	4.8	3.9	3.5	4.2	10.6
4 to 6 Times .....	11.7	1.0	2.8	2.6	2.2	3.1	12.7
At Least Once Each Day .....	10.4	0.9	3.3	2.1	1.6	2.5	12.6
No Dishwasher .....	50.3	4.5	13.9	11.7	9.8	10.4	9.1
<b>Loads of Laundry Washed Each Week</b>							
Use a Clothes Washer .....	84.1	7.9	22.6	17.9	16.3	19.4	7.4
1 Load or Less .....	6.8	0.7	1.5	1.6	1.5	1.4	12.9
2 to 9 Loads .....	65.1	6.0	17.4	13.9	12.7	15.1	7.8
10 to 15 Loads .....	9.6	1.0	2.8	2.0	1.7	2.2	12.7
More than 15 Loads .....	2.7	0.3	0.9	0.5	0.5	0.6	23.4
No Washing Machine .....	22.9	1.4	6.1	6.1	4.7	4.7	10.2
<b>Water Temperature Setting for Clothes Washer</b>							
<b>Wash Cycle</b>							
Hot .....	6.2	0.3	2.0	1.2	1.1	1.5	16.4
Warm .....	49.7	5.0	14.4	11.0	9.3	10.0	8.4
Cold .....	28.2	2.6	6.2	5.7	5.9	7.9	9.9
<b>Rinse Cycle</b>							
Hot .....	1.4	Q	0.4	0.3	0.4	0.3	34.1
Warm .....	16.6	1.6	4.9	3.5	3.0	3.6	12.3
Cold .....	66.1	6.2	17.3	14.1	12.9	15.5	8.3
No Washing Machine .....	22.9	1.4	6.1	6.1	4.7	4.7	10.2
<b>Clothes Dryer</b>							
Use a Clothes Dryer .....	78.8	7.6	21.5	16.7	15.0	18.0	7.7
Every Time Clothes are Washed	63.5	5.2	17.4	13.2	12.3	15.3	8.1
Some, but not All, Loads .....	12.7	1.8	3.5	2.8	2.2	2.2	11.8
Used Infrequently .....	2.7	0.6	0.6	0.6	0.4	0.4	21.0
No Clothes Dryer .....	28.2	1.6	7.1	7.4	6.0	6.1	9.2
<b>Cooking</b>							
<b>Number of Hot Meals Cooked in the Home</b>							
3 or More Times a Day .....	7.5	0.6	2.3	1.1	1.7	1.8	14.5
2 Times a Day .....	26.8	2.3	6.8	6.2	5.4	6.0	9.1
Once a Day .....	43.3	4.0	12.9	9.7	7.9	8.9	8.9
A Few Times Each Week .....	21.7	1.6	5.2	5.0	4.4	5.5	10.4
About Once a Week .....	4.0	0.4	0.8	0.9	0.9	1.1	18.2
Less Than Once a Week .....	2.4	0.2	0.4	0.8	0.5	0.5	22.1
No Hot Meals Cooked .....	1.2	Q	0.3	0.3	Q	Q	48.1
<b>Conventional Oven</b>							
Use a Conventional Oven .....	99.4	8.9	27.6	22.6	19.0	21.3	7.9
More Than Once a Day .....	8.6	0.5	2.5	1.7	1.8	2.0	14.9
Once a Day .....	17.4	1.8	4.4	4.2	3.7	3.4	11.0
Between Once a Day and							
Once a Week .....	33.1	3.3	9.9	7.5	5.9	6.6	9.5
Once a Week .....	15.6	1.3	4.8	3.3	2.3	3.9	10.4
Less Than Once a Week .....	24.6	2.0	6.0	5.9	5.3	5.5	10.9
Do Not Use .....	7.6	0.3	1.1	1.4	2.0	2.7	18.3

See footnotes at end of table.

**Table HC6-1a. Usage Indicators by Climate Zone,  
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Climate Zone <sup>1</sup>					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:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Microwave Oven</b>							
Use a Microwave Oven .....	92.1	8.8	24.8	20.0	17.9	20.7	7.1
Most or All .....	8.2	0.7	1.9	1.7	1.7	2.1	13.3
About Half .....	19.3	1.9	5.9	4.0	3.7	3.9	10.9
Some or Very Little .....	22.4	2.0	5.9	5.0	4.6	4.9	10.3
For Defrosting, Reheating, or Snacks .....	42.2	4.1	11.2	9.3	7.8	9.8	9.7
No Microwave Oven .....	14.8	0.5	3.8	4.0	3.1	3.4	13.0
<b>Electric Coffee Maker</b>							
Use an Electric Coffee Maker .....	65.5	6.7	18.0	14.7	12.1	13.9	7.9
Three or More Times a Day .....	2.4	0.4	0.6	0.6	0.2	0.5	21.2
Two Times a Day .....	5.9	0.5	1.9	1.1	1.2	1.2	16.4
Once a Day .....	33.6	3.0	9.2	7.5	6.1	7.8	9.4
A Few Times Each Week .....	9.4	1.2	2.3	2.2	2.0	1.8	11.8
About Once a Week .....	5.2	0.7	1.6	1.1	0.8	1.0	16.4
Less than Once a Week .....	9.0	0.9	2.3	2.2	1.9	1.6	12.0
No Electric Coffee Maker .....	41.5	2.5	10.6	9.3	8.9	10.2	8.1
<b>Time Electric Coffee Maker is Left On</b>							
Turned Off Right Away .....	18.8	1.7	5.5	4.6	3.7	3.3	10.4
Less than 15 Minutes .....	10.0	0.7	2.4	2.8	2.2	2.0	13.0
15 Minutes to 1 Hour .....	24.6	2.7	6.5	5.1	4.1	6.2	10.9
More than 1 Hour .....	12.1	1.6	3.7	2.3	2.2	2.4	13.0
<b>Electric Toaster</b>							
Use a Electric Toaster .....	36.1	1.9	8.2	9.1	7.6	9.3	8.8
Three or More Times a Day .....	1.0	Q	0.2	0.4	0.2	0.2	33.6
Two Times a Day .....	2.7	Q	0.7	0.6	0.7	0.6	22.3
Once a Day .....	8.2	0.6	1.7	2.1	1.8	2.1	13.4
A Few Times Each Week .....	11.9	0.5	2.8	3.1	2.3	3.2	12.0
About Once a Week .....	4.3	0.3	1.0	0.9	0.9	1.1	16.1
Less than Once a Week .....	7.9	0.5	1.7	2.0	1.6	2.1	13.4
No Electric Toaster .....	70.9	7.3	20.5	15.0	13.4	14.7	7.6
<b>Lights</b>							
<b>Indoor Lights Turned On:</b>							
1 to 4 Hours per Day							
None .....	10.2	1.0	3.1	2.3	1.8	2.2	15.4
1 .....	30.1	2.5	8.2	7.2	5.3	7.0	9.5
2 .....	30.7	2.8	8.1	6.5	6.9	6.4	9.0
3 .....	16.6	1.3	4.6	3.6	3.1	4.0	11.9
4 .....	10.5	1.0	2.6	2.5	2.1	2.3	14.5
5 or More .....	8.8	0.8	2.0	2.0	1.9	2.1	15.1
Between 4 and 12 Hours per Day							
None .....	30.2	4.3	9.3	5.1	5.1	6.6	11.0
1 .....	25.2	1.7	6.0	5.6	5.5	6.4	9.9
2 .....	25.5	1.4	6.6	6.6	5.7	5.1	8.2
3 .....	12.7	0.9	3.4	3.3	2.1	2.9	12.2
4 .....	7.2	0.4	1.9	1.7	1.5	1.7	14.0
5 or More .....	6.2	0.4	1.5	1.8	1.1	1.4	15.2
More than 12 Hours per Day							
None .....	81.1	8.1	22.8	17.5	15.8	16.9	7.4
1 .....	14.4	0.7	3.7	3.6	2.3	4.0	10.5
2 .....	6.8	0.2	1.5	1.4	1.7	2.0	16.4
3 .....	2.4	Q	0.3	0.8	0.7	0.4	32.2
4 .....	1.3	Q	Q	0.4	0.3	0.4	27.6
5 or More .....	1.1	Q	Q	0.4	Q	0.3	25.0

See footnotes at end of table.

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		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:	<b>0.4</b>	<b>1.8</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>	<b>1.0</b>	
<b>Outdoor Lights on All Night</b>							
Used .....	24.5	1.3	6.4	5.2	4.7	6.9	11.1
Not Used .....	82.5	8.0	22.2	18.8	16.3	17.2	7.0
<b>Gas Fireplace</b>							
Use a Gas Fireplace During Winter Months .....	3.7	Q	1.2	0.6	1.1	0.6	18.5
Most Days .....	1.3	Q	0.5	0.3	0.4	Q	35.2
Almost Once a Week .....	1.1	Q	0.4	Q	0.3	Q	35.2
Less Than 4 Times a Month .....	1.2	Q	0.3	Q	0.4	Q	30.2
<b>Use a Personal Computer</b> .....	60.0	5.7	16.7	13.1	12.1	12.6	7.4
<b>Hours PC Turned On Each Week</b>							
Less Than 2 Hours .....	10.3	1.0	2.7	2.2	1.9	2.6	13.2
2 to 15 Hours .....	26.3	2.3	7.5	5.7	5.5	5.3	8.9
16 to 40 Hours .....	12.2	1.2	3.3	2.9	2.5	2.3	12.4
More than 40 Hours .....	5.7	0.7	1.7	1.1	1.0	1.2	15.6
On All The Time .....	5.6	0.5	1.5	1.2	1.1	1.2	17.2
<b>Use of PCs Turned on 16 Hours a Week or More</b>							
Personal Use Only .....	14.0	1.6	4.2	2.7	2.6	2.8	12.8
Business Use Only .....	2.1	0.3	0.4	0.5	0.5	0.4	20.8
Both Personal and Business .....	7.3	0.5	1.9	1.9	1.5	1.5	13.7
<b>Business Use of PCs Turned on 16 Hours a Week or More</b>							
Use to Telecommute .....	3.6	0.2	1.0	0.9	0.5	0.9	19.4
Other Business Use .....	5.8	0.5	1.3	1.5	1.5	1.0	14.9
<b>Battery Operated Appliances/Tools</b>							
Use Battery Operated Appliances/ Tools .....	47.7	5.0	13.9	10.3	8.6	9.9	8.9
<b>How Maintained When Not in Use</b>							
Plugged in All The Time .....	10.8	1.0	3.0	2.2	2.1	2.5	13.8
Recharged As Needed .....	33.8	3.6	9.9	7.4	5.9	6.9	9.5
Both Ways are Used .....	3.1	0.3	1.0	0.7	0.6	0.5	19.0
Don't Use Any .....	59.3	4.2	14.7	13.7	12.4	14.2	7.9

<sup>1</sup> 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.

<sup>2</sup> The 1.0 million households that do not heat their homes are not included in these categories.  
 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. • All temperatures listed are in degrees Fahrenheit.  
 Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2001 Residential Energy Consumption Survey.