

2001 Housing Characteristics Tables

Usage Indicators Tables

(Million U.S. Households; 60 pages, 247 kb)

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These data are from the 2001 Residential Energy Consumption Survey (RECS) which provides information on the use of energy in residential housing units in the United States. The RECS is a national statistical survey that collects energy-related data for occupied primary housing units. RECS was first conducted in 1978; the eleventh and most recent survey, was conducted in 2001. In the 2001 RECS, data were collected from a sample of 4,822 households in housing units statistically selected to represent the 107.0 million housing units in the United States. The RECS data are available for the four Census regions, the nine Census divisions, and for the four most populous States--California, Florida, New York, and Texas.

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Contact: Stephanie J. Battles, Survey Manager (stephanie.battles@eia.doe.gov)

World Wide Web: <http://www.eia.doe.gov/emeu/consumption>

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

Usage Indicators	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:	0.4	1.8	1.1	1.1	1.2	1.0	
Total	107.0	9.2	28.6	24.0	21.0	24.1	7.8
Weekday Home Activities							
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
Heating							
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
Adequacy of Insulation							
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
Occurrences of Drafts During Winter							
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
Thermostat							
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 ²							
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
Lower Winter Temperature Settings²							
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 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:	0.4	1.8	1.1	1.1	1.2	1.0	
Daytime Winter Temperature When Someone is at Home²							
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
Daytime Winter Temperature When No One is at Home²							
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
Winter Temperature During Sleeping Hours²							
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
Air-Conditioning							
Central Air-Conditioning							
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
Window/Wall Air-Conditioning							
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 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:	0.4	1.8	1.1	1.1	1.2	1.0	
Hot Water							
Dishwasher Use Each Week							
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
Loads of Laundry Washed Each Week							
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
Water Temperature Setting for Clothes Washer							
Wash Cycle							
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
Rinse Cycle							
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
Clothes Dryer							
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
Cooking							
Number of Hot Meals Cooked in the Home							
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
Conventional Oven							
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 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:	0.4	1.8	1.1	1.1	1.2	1.0	
Microwave Oven							
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
Electric Coffee Maker							
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
Time Electric Coffee Maker is Left On							
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
Electric Toaster							
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
Lights							
Indoor Lights Turned On:							
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.

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

Usage Indicators	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:	0.4	1.8	1.1	1.1	1.2	1.0	
Outdoor Lights on All Night							
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
Gas Fireplace							
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
Use a Personal Computer	60.0	5.7	16.7	13.1	12.1	12.6	7.4
Hours PC Turned On Each Week							
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
Use of PCs Turned on 16 Hours a Week or More							
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
Business Use of PCs Turned on 16 Hours a Week or More							
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
Battery Operated Appliances/Tools							
Use Battery Operated Appliances/ Tools	47.7	5.0	13.9	10.3	8.6	9.9	8.9
How Maintained When Not in Use							
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

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.

² 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.

**Table HC6-2a. Usage Indicators by Year of Construction,
Million U.S. Households, 2001**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.5	1.1	1.1	1.2	1.1	0.9	
Total	107.0	15.5	18.2	18.8	13.8	14.2	26.6	4.2
Weekday Home Activities								
Home Used for Business								
Yes	7.6	1.5	1.0	1.5	0.8	1.0	1.8	13.6
No	99.4	13.9	17.3	17.3	12.9	13.2	24.8	4.3
Energy-Intensive Activity								
Yes	1.7	0.3	0.3	0.2	0.3	0.2	0.4	24.5
No	105.2	15.1	18.0	18.5	13.5	13.9	26.2	4.3
Someone Home All Day								
Yes	53.0	7.6	8.4	9.1	7.1	7.5	13.2	5.6
No	53.9	7.8	9.7	9.6	6.6	6.7	13.4	5.1
Heating								
Heat Home	106.0	15.4	18.2	18.6	13.6	13.9	26.4	4.2
Do Not Heat Home	1.0	Q	Q	Q	0.2	0.3	Q	23.7
No Heating Equipment	0.5	Q	Q	Q	0.2	Q	Q	32.0
Have Equipment But								
Do Not Use It	0.4	Q	Q	Q	Q	Q	Q	43.6
Adequacy of Insulation								
Well Insulated	42.6	9.8	8.6	7.2	5.2	4.4	7.4	6.0
Adequately Insulated	43.1	4.9	7.5	7.9	5.8	6.3	10.7	6.0
Poorly Insulated	19.4	0.6	2.0	3.3	2.6	3.2	7.6	9.6
No Insulation	0.9	Q	Q	Q	Q	Q	0.5	30.3
Don't Know	0.9	Q	Q	Q	Q	Q	0.4	33.9
Occurrences of Drafts During Winter								
Never	5.9	0.4	0.7	1.1	0.7	0.6	2.4	17.0
Some of the Time	6.4	0.3	0.7	1.3	0.8	1.0	2.4	16.1
Most of the Time	34.6	4.1	5.4	5.3	4.3	5.3	10.2	6.9
All of the Time	55.3	10.2	10.4	10.2	7.3	6.7	10.5	5.5
Don't Know	4.7	0.5	1.1	0.9	0.6	0.6	1.0	16.7
Thermostat								
Heat Home	106.0	15.4	18.2	18.6	13.6	13.9	26.4	4.2
Thermostat Available During								
Heating Season	91.5	15.0	16.4	16.6	11.6	11.7	20.0	4.8
Programmable ²								
Yes	25.1	5.2	4.3	3.8	3.2	3.5	5.1	9.3
No	66.4	9.8	12.1	12.9	8.4	8.3	14.9	5.3
No Thermostat	14.5	0.4	1.8	1.9	2.0	2.1	6.3	11.5
Do Not Heat Home	1.0	Q	Q	Q	0.2	0.3	Q	23.7
Lower Winter Temperature Settings²								
Daytime When No One is at Home								
Yes	47.2	7.3	8.1	8.6	6.3	6.3	10.7	6.0
No	48.5	7.1	8.4	7.9	6.0	6.1	13.0	5.8
Unknown	10.3	1.1	1.7	2.1	1.3	1.5	2.6	11.7
During Sleeping Hours								
Yes	45.7	6.7	7.9	7.8	6.0	6.5	10.9	6.1
No	51.1	7.9	8.8	8.9	6.4	6.1	13.0	5.6
Unknown	9.2	0.9	1.5	1.9	1.2	1.3	2.4	12.2

See footnotes at end of table.

**Table HC6-2a. Usage Indicators by Year of Construction,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.5	1.1	1.1	1.2	1.1	0.9	
Daytime Winter Temperature When Someone is at Home²								
Heat Turned On	96.8	14.6	16.6	16.7	12.3	12.6	24.0	4.4
63 Degrees or Less	3.9	0.4	0.5	0.7	0.6	0.6	1.1	16.6
64 to 66 Degrees	8.4	1.0	1.3	1.1	1.1	1.2	2.7	13.3
67 to 69 Degrees	23.6	4.1	3.4	4.0	3.0	3.2	5.9	8.1
70 Degrees	25.7	4.0	4.3	4.4	3.2	3.2	6.5	7.5
71 to 73 Degrees	16.5	2.7	3.1	2.8	2.2	2.1	3.6	9.3
74 Degrees or More	18.6	2.4	4.0	3.7	2.1	2.3	4.1	9.0
Heat Turned Off	2.0	Q	0.3	0.7	0.2	0.3	0.3	24.5
Unknown/No Answer	7.2	0.6	1.3	1.2	1.0	1.0	2.1	14.5
Daytime Winter Temperature When No One is at Home²								
Heat Turned On	87.6	13.3	15.0	14.7	11.0	11.4	22.2	4.3
63 Degrees or Less	17.7	2.2	2.9	3.0	2.2	2.4	5.0	9.9
64 to 66 Degrees	17.2	3.0	2.2	2.8	2.3	2.4	4.4	9.7
67 to 69 Degrees	19.1	3.2	3.3	3.1	2.4	2.6	4.5	8.9
70 Degrees	15.1	2.2	2.4	2.7	1.9	1.8	4.1	9.8
71 to 73 Degrees	8.7	1.4	1.7	1.2	1.2	1.2	2.1	11.5
74 Degrees or More	9.8	1.4	2.6	1.7	0.9	1.1	2.1	12.8
Heat Turned Off	10.5	1.2	1.8	2.6	1.6	1.5	1.8	13.4
Unknown/No Answer	8.0	0.8	1.4	1.4	1.0	1.1	2.4	13.5
Winter Temperature During Sleeping Hours²								
Heat Turned On	91.8	13.8	15.9	15.6	11.6	12.0	23.0	4.5
63 Degrees or Less	15.4	1.8	2.4	2.5	2.0	2.3	4.5	9.8
64 to 66 Degrees	17.4	2.5	2.8	2.7	2.3	2.5	4.6	8.8
67 to 69 Degrees	21.0	3.7	3.4	3.4	3.0	2.8	4.7	7.8
70 Degrees	17.4	2.8	2.6	3.1	1.8	2.3	4.8	8.9
71 to 73 Degrees	9.5	1.4	1.9	1.7	1.4	1.0	2.2	12.0
74 Degrees or More	11.1	1.7	2.9	2.2	1.0	1.1	2.2	12.0
Heat Turned Off	7.1	1.0	1.0	1.8	1.1	1.0	1.3	15.5
Unknown/No Answer	7.1	0.6	1.3	1.2	0.9	1.0	2.1	14.5
Air-Conditioning								
Central Air-Conditioning								
Use a Central System	58.6	12.8	13.9	11.3	7.2	6.9	6.4	5.8
All Summer	28.4	6.3	7.5	5.8	3.3	2.8	2.7	8.3
Quite a Bit	12.1	2.8	2.7	2.2	1.6	1.4	1.5	11.4
Only a Few Times	16.8	3.5	3.5	3.0	2.1	2.5	2.2	10.0
Not at All	1.4	Q	0.2	0.4	Q	Q	Q	26.5
No Central System	48.4	2.6	4.3	7.4	6.6	7.3	20.2	6.4
Window/Wall Air-Conditioning								
Use Window/Wall Units	25.1	0.8	2.3	3.5	3.3	3.8	11.3	8.5
All Summer	4.9	0.2	0.4	0.7	0.7	0.7	2.2	19.3
Quite a Bit	5.2	Q	0.5	0.8	0.7	0.6	2.5	17.2
Only a Few Times	14.1	0.4	1.3	1.8	1.8	2.4	6.3	10.4
Not at All	0.9	Q	Q	Q	Q	Q	0.4	37.3
No Window/Wall Units	81.9	14.6	16.0	15.2	10.5	10.4	15.3	4.3

See footnotes at end of table.

**Table HC6-2a. Usage Indicators by Year of Construction,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.5	1.1	1.1	1.2	1.1	0.9	
Hot Water								
Dishwasher Use Each Week								
Use a Dishwasher	56.7	12.3	12.8	10.4	7.0	6.2	8.1	5.7
Less Than Once a Week	9.4	1.5	2.1	2.0	1.5	1.0	1.4	12.3
Once Each Week	7.5	1.3	1.5	1.5	1.1	0.9	1.2	14.2
2 to 3 Times	17.8	3.6	4.3	3.2	2.1	2.5	2.1	9.8
4 to 6 Times	11.7	3.2	2.7	1.7	1.5	0.9	1.7	11.5
At Least Once Each Day	10.4	2.8	2.2	2.0	0.9	0.9	1.7	11.5
No Dishwasher	50.3	3.2	5.5	8.4	6.8	8.0	18.5	5.9
Loads of Laundry Washed Each Week								
Use a Clothes Washer	84.1	13.8	14.8	13.9	10.1	11.8	19.7	4.5
1 Load or Less	6.8	0.4	1.1	1.2	1.0	1.0	2.1	13.3
2 to 9 Loads	65.1	11.1	11.3	10.7	7.9	9.5	14.7	4.9
10 to 15 Loads	9.6	2.0	1.9	1.6	0.9	1.1	2.1	11.0
More than 15 Loads	2.7	0.4	0.5	0.5	0.3	0.2	0.8	22.1
No Washing Machine	22.9	1.6	3.5	4.9	3.7	2.3	6.9	9.5
Water Temperature Setting for Clothes Washer								
Wash Cycle								
Hot	6.2	0.9	0.9	1.1	0.8	0.9	1.6	13.9
Warm	49.7	8.0	8.6	8.0	5.8	7.3	12.0	5.9
Cold	28.2	5.0	5.3	4.7	3.5	3.6	6.1	7.2
Rinse Cycle								
Hot	1.4	0.3	Q	0.3	Q	Q	0.3	30.4
Warm	16.6	2.7	2.7	2.8	1.9	2.8	3.9	10.0
Cold	66.1	10.9	12.0	10.8	8.0	8.8	15.5	5.1
No Washing Machine	22.9	1.6	3.5	4.9	3.7	2.3	6.9	9.5
Clothes Dryer								
Use a Clothes Dryer	78.8	13.6	14.2	13.0	9.5	10.7	17.9	4.7
Every Time Clothes are Washed	63.5	11.4	12.0	10.6	6.9	8.6	13.9	5.1
Some, but not All, Loads	12.7	1.9	1.9	2.0	2.0	1.7	3.2	9.8
Used Infrequently	2.7	0.2	0.2	0.4	0.5	0.4	0.8	21.1
No Clothes Dryer	28.2	1.8	4.1	5.8	4.3	3.5	8.7	8.2
Cooking								
Number of Hot Meals Cooked in the Home								
3 or More Times a Day	7.5	1.3	1.0	1.3	1.0	1.0	1.9	13.4
2 Times a Day	26.8	4.4	4.1	4.5	3.4	3.7	6.7	7.1
Once a Day	43.3	6.6	7.5	7.4	6.0	5.4	10.4	5.8
A Few Times Each Week	21.7	2.4	4.3	4.2	2.5	3.1	5.2	8.4
About Once a Week	4.0	0.5	0.6	0.9	0.4	0.6	1.2	18.3
Less Than Once a Week	2.4	Q	0.4	0.4	0.3	0.4	0.8	23.1
No Hot Meals Cooked	1.2	Q	0.4	Q	Q	Q	0.4	39.0
Conventional Oven								
Use a Conventional Oven	99.4	13.7	16.8	17.4	12.7	13.4	25.3	4.3
More Than Once a Day	8.6	1.5	1.3	1.5	1.1	1.1	2.1	13.6
Once a Day	17.4	2.7	3.2	2.9	2.4	2.2	4.0	8.5
Between Once a Day and								
Once a Week	33.1	5.1	5.4	6.0	3.9	4.8	7.9	7.0
Once a Week	15.6	2.2	2.5	3.0	2.3	1.7	3.9	9.6
Less Than Once a Week	24.6	2.2	4.4	4.0	3.1	3.6	7.3	8.4
Do Not Use	7.6	1.8	1.4	1.3	1.1	0.8	1.3	15.4

See footnotes at end of table.

**Table HC6-2a. Usage Indicators by Year of Construction,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.5	1.1	1.1	1.2	1.1	0.9	
Microwave Oven								
Use a Microwave Oven	92.1	14.4	15.9	16.5	11.7	12.2	21.4	4.2
Most or All	8.2	1.0	1.5	1.5	1.3	1.2	1.8	13.2
About Half	19.3	3.1	3.6	3.1	2.7	2.4	4.4	8.8
Some or Very Little	22.4	4.0	4.0	4.0	2.6	2.8	5.1	8.2
For Defrosting, Reheating, or Snacks	42.2	6.3	6.9	7.9	5.3	5.7	10.1	6.1
No Microwave Oven	14.8	1.0	2.3	2.3	2.0	2.0	5.2	11.0
Electric Coffee Maker								
Use an Electric Coffee Maker	65.5	10.6	11.2	11.0	8.4	8.8	15.5	4.9
Three or More Times a Day	2.4	0.5	0.2	0.3	0.3	0.4	0.7	22.8
Two Times a Day	5.9	0.8	0.8	1.0	0.8	0.8	1.8	14.0
Once a Day	33.6	5.9	5.8	5.5	4.5	4.4	7.5	6.4
A Few Times Each Week	9.4	1.5	1.7	1.7	1.1	1.3	2.1	11.3
About Once a Week	5.2	0.8	1.0	0.9	0.6	0.7	1.1	16.9
Less than Once a Week	9.0	1.1	1.6	1.6	1.2	1.2	2.3	11.8
No Electric Coffee Maker	41.5	4.9	7.1	7.8	5.3	5.3	11.1	6.0
Time Electric Coffee Maker is Left On								
Turned Off Right Away	18.8	2.3	3.4	2.9	2.7	2.5	5.0	8.5
Less than 15 Minutes	10.0	1.5	2.0	1.6	1.2	1.5	2.2	10.7
15 Minutes to 1 Hour	24.6	4.8	3.8	4.2	3.0	3.4	5.3	8.1
More than 1 Hour	12.1	1.9	2.0	2.2	1.6	1.4	3.0	10.8
Electric Toaster								
Use a Electric Toaster	36.1	5.3	7.0	6.1	4.9	4.4	8.4	6.9
Three or More Times a Day	1.0	Q	Q	Q	Q	Q	Q	34.0
Two Times a Day	2.7	0.5	0.5	0.4	0.3	0.4	0.6	22.5
Once a Day	8.2	1.0	1.7	1.3	1.3	1.0	2.0	13.4
A Few Times Each Week	11.9	1.9	2.2	2.2	1.6	1.5	2.6	10.9
About Once a Week	4.3	0.7	0.7	0.8	0.7	0.5	0.9	16.3
Less than Once a Week	7.9	1.2	1.7	1.2	1.1	0.9	1.9	12.3
No Electric Toaster	70.9	10.1	11.3	12.7	8.8	9.8	18.2	4.6
Lights								
Indoor Lights Turned On:								
1 to 4 Hours per Day								
None	10.2	1.1	1.6	1.9	1.2	1.4	3.1	12.6
1	30.1	3.6	4.9	4.9	4.3	4.0	8.4	7.3
2	30.7	4.4	5.5	5.6	3.6	3.9	7.7	7.7
3	16.6	2.8	2.9	3.1	2.2	2.4	3.1	9.2
4	10.5	1.5	1.7	1.9	1.3	1.5	2.5	12.0
5 or More	8.8	2.1	1.7	1.2	1.1	1.0	1.8	13.9
Between 4 and 12 Hours per Day								
None	30.2	4.1	4.7	5.1	3.7	4.0	8.6	7.7
1	25.2	2.9	4.4	4.5	3.6	3.5	6.2	7.7
2	25.5	3.7	4.2	5.1	3.4	3.3	5.7	7.7
3	12.7	1.7	2.5	2.3	1.5	1.9	2.8	10.7
4	7.2	1.2	1.3	1.1	0.8	0.8	1.9	13.6
5 or More	6.2	1.8	1.1	0.6	0.8	0.6	1.4	15.9
More than 12 Hours per Day								
None	81.1	11.9	14.0	13.9	10.3	10.8	20.2	4.5
1	14.4	2.0	2.0	3.0	1.9	2.0	3.6	10.4
2	6.8	0.8	1.2	1.0	1.1	0.9	1.8	15.1
3	2.4	0.4	0.5	0.5	Q	0.3	0.5	26.1
4	1.3	Q	0.2	Q	Q	Q	0.4	31.7
5 or More	1.1	Q	0.3	Q	Q	Q	Q	29.3

See footnotes at end of table.

**Table HC6-2a. Usage Indicators by Year of Construction,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.5	1.1	1.1	1.2	1.1	0.9	
Outdoor Lights on All Night								
Used	24.5	3.4	4.7	4.7	3.2	3.6	4.9	8.4
Not Used	82.5	12.1	13.5	14.1	10.6	10.5	21.7	4.5
Gas Fireplace								
Use a Gas Fireplace During Winter								
Months	3.7	1.4	0.7	0.6	0.3	0.3	0.5	19.5
Most Days	1.3	0.4	0.2	0.2	Q	Q	0.3	30.8
Almost Once a Week	1.1	0.6	Q	Q	Q	Q	Q	29.0
Less Than 4 Times a Month	1.2	0.4	0.3	Q	Q	Q	Q	27.3
Use a Personal Computer	60.0	11.0	11.6	10.3	7.2	7.8	12.0	5.3
Hours PC Turned On Each Week								
Less Than 2 Hours	10.3	1.8	1.8	2.1	1.2	1.5	1.9	12.0
2 to 15 Hours	26.3	4.6	5.1	4.4	3.3	3.4	5.5	7.5
16 to 40 Hours	12.2	2.7	2.7	1.6	1.5	1.5	2.3	11.0
More than 40 Hours	5.7	0.8	1.1	1.2	0.7	0.8	1.1	15.4
On All The Time	5.6	1.1	0.9	1.0	0.6	0.6	1.3	16.3
Use of PCs Turned on 16 Hours a Week or More								
Personal Use Only	14.0	2.5	2.7	2.4	1.7	2.0	2.7	9.7
Business Use Only	2.1	0.5	0.4	0.3	0.3	0.2	0.4	23.6
Both Personal and Business	7.3	1.6	1.7	1.1	0.7	0.7	1.5	14.0
Business Use of PCs Turned on 16 Hours a Week or More								
Use to Telecommute	3.6	0.9	0.8	0.5	0.4	0.2	0.7	22.1
Other Business Use	5.8	1.2	1.3	0.9	0.6	0.7	1.2	15.0
Battery Operated Appliances/Tools								
Use Battery Operated Appliances/ Tools	47.7	8.1	8.3	8.2	6.1	6.5	10.5	6.0
How Maintained When Not in Use								
Plugged in All The Time	10.8	1.8	2.2	1.8	1.4	1.7	1.9	12.3
Recharged As Needed	33.8	5.7	5.7	5.8	4.4	4.4	7.8	6.8
Both Ways are Used	3.1	0.7	0.3	0.6	0.2	0.4	0.8	20.7
Don't Use Any	59.3	7.3	10.0	10.6	7.7	7.6	16.1	5.3

¹ New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

² 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.

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 2001

Usage Indicators	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Total	107.0	18.7	22.9	27.1	38.3	15.0	33.8	3.2
Weekday Home Activities								
Home Used for Business								
Yes	7.6	0.4	1.1	1.7	4.5	0.3	1.2	14.9
No	99.4	18.3	21.8	25.4	33.9	14.6	32.6	3.3
Energy-Intensive Activity								
Yes	1.7	Q	0.3	0.4	0.8	Q	0.4	24.1
No	105.2	18.6	22.6	26.7	37.4	14.8	33.4	3.2
Someone Home All Day								
Yes	53.0	11.6	12.1	12.7	16.7	9.6	20.9	4.1
No	53.9	7.1	10.8	14.4	21.6	5.4	12.8	4.4
Heating								
Heat Home	106.0	18.4	22.7	26.8	38.1	14.6	33.4	3.3
Do Not Heat Home	1.0	0.3	Q	0.3	0.3	0.3	0.4	23.5
No Heating Equipment	0.5	Q	Q	Q	0.2	Q	Q	38.0
Have Equipment But Do Not Use It	0.4	Q	Q	Q	Q	0.2	0.3	23.4
Adequacy of Insulation								
Well Insulated	42.6	7.3	8.1	9.8	17.4	5.4	12.0	5.1
Adequately Insulated	43.1	6.3	9.4	11.6	15.9	5.0	12.7	5.2
Poorly Insulated	19.4	4.6	4.8	5.3	4.7	4.2	8.2	7.3
No Insulation	0.9	Q	0.3	0.2	0.2	Q	0.4	26.4
Don't Know	0.9	0.3	0.3	Q	Q	0.2	0.5	24.1
Occurrences of Drafts During Winter								
Never	5.9	1.8	1.4	1.9	0.9	1.7	3.1	12.6
Some of the Time	6.4	1.3	1.8	1.8	1.5	1.3	2.7	11.8
Most of the Time	34.6	5.5	7.1	9.1	12.9	4.4	10.5	5.6
All of the Time	55.3	9.1	11.4	13.1	21.7	6.6	15.5	4.6
Don't Know	4.7	1.0	1.2	1.1	1.4	0.9	1.9	13.9
Thermostat								
Heat Home	106.0	18.4	22.7	26.8	38.1	14.6	33.4	3.3
Thermostat Available During Heating Season	91.5	13.1	19.1	24.1	35.2	10.2	25.6	3.8
Programmable ²								
Yes	25.1	2.0	4.0	6.6	12.5	1.6	5.1	9.0
No	66.4	11.1	15.1	17.5	22.7	8.6	20.5	4.4
No Thermostat	14.5	5.3	3.7	2.7	2.8	4.4	7.8	8.3
Do Not Heat Home	1.0	0.3	Q	0.3	0.3	0.3	0.4	23.5
Lower Winter Temperature Settings²								
Daytime When No One is at Home								
Yes	47.2	7.3	10.2	11.7	18.2	6.1	13.1	5.3
No	48.5	8.0	10.3	12.9	17.3	5.8	15.5	5.1
Unknown	10.3	3.1	2.3	2.3	2.6	2.8	4.7	9.5
During Sleeping Hours								
Yes	45.7	7.1	9.3	11.5	17.8	5.5	12.8	5.4
No	51.1	8.3	11.3	13.5	18.0	6.6	16.1	5.0
Unknown	9.2	3.0	2.1	1.9	2.2	2.6	4.4	10.1

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Daytime Winter Temperature When Someone is at Home²								
Heat Turned On	96.8	15.3	20.7	24.9	35.8	12.0	28.9	3.6
63 Degrees or Less	3.9	0.8	1.0	1.0	1.2	0.8	1.5	14.3
64 to 66 Degrees	8.4	1.3	1.8	2.1	3.2	1.1	2.5	11.4
67 to 69 Degrees	23.6	2.4	4.5	6.4	10.3	1.4	5.2	7.1
70 Degrees	25.7	4.5	5.5	6.8	8.9	3.6	8.5	6.5
71 to 73 Degrees	16.5	2.1	3.5	4.0	6.8	1.6	4.1	7.9
74 Degrees or More	18.6	4.2	4.5	4.6	5.5	3.4	7.2	8.1
Heat Turned Off	2.0	0.7	0.3	0.5	0.6	0.7	0.9	18.5
Unknown/No Answer	7.2	2.4	1.7	1.5	1.7	2.0	3.5	11.6
Daytime Winter Temperature When No One is at Home²								
Heat Turned On	87.6	13.5	18.5	22.5	33.1	10.2	25.6	3.5
63 Degrees or Less	17.7	3.0	4.0	4.3	6.5	2.5	5.1	8.7
64 to 66 Degrees	17.2	2.3	3.6	4.4	6.8	1.8	4.6	8.1
67 to 69 Degrees	19.1	2.3	3.7	5.0	8.0	1.5	4.7	8.7
70 Degrees	15.1	2.8	3.3	3.9	5.2	2.1	5.4	8.8
71 to 73 Degrees	8.7	1.2	1.7	2.3	3.5	0.8	2.4	10.7
74 Degrees or More	9.8	2.0	2.2	2.5	3.1	1.5	3.4	11.6
Heat Turned Off	10.5	2.6	2.3	2.6	2.9	2.5	4.1	11.3
Unknown/No Answer	8.0	2.3	1.9	1.7	2.0	2.0	3.6	10.9
Winter Temperature During Sleeping Hours²								
Heat Turned On	91.8	14.5	19.5	23.6	34.1	11.2	27.4	3.7
63 Degrees or Less	15.4	2.6	3.4	3.9	5.5	1.9	4.6	9.0
64 to 66 Degrees	17.4	2.9	3.7	4.5	6.3	2.3	5.2	7.5
67 to 69 Degrees	21.0	2.5	4.1	5.3	9.1	1.6	5.1	7.2
70 Degrees	17.4	3.0	3.9	4.3	6.2	2.6	6.0	8.2
71 to 73 Degrees	9.5	1.1	1.6	2.7	4.0	0.8	2.1	11.2
74 Degrees or More	11.1	2.4	2.7	2.9	3.1	2.0	4.4	10.2
Heat Turned Off	7.1	1.5	1.5	1.8	2.3	1.5	2.5	12.5
Unknown/No Answer	7.1	2.3	1.7	1.4	1.6	2.0	3.5	11.5
Air-Conditioning								
Central Air-Conditioning								
Use a Central System	58.6	6.3	11.3	15.5	25.6	4.7	12.9	5.3
All Summer	28.4	3.1	5.0	7.5	12.8	2.5	5.9	8.0
Quite a Bit	12.1	1.2	2.1	3.1	5.7	0.7	2.6	10.6
Only a Few Times	16.8	1.7	3.6	4.5	6.8	1.2	3.8	9.1
Not at All	1.4	Q	0.6	0.3	0.3	Q	0.6	27.2
No Central System	48.4	12.4	11.6	11.6	12.7	10.3	20.9	4.5
Window/Wall Air-Conditioning								
Use Window/Wall Units	25.1	6.2	6.3	6.2	6.4	5.1	10.8	6.0
All Summer	4.9	1.5	1.3	0.9	1.2	1.3	2.5	13.4
Quite a Bit	5.2	1.1	1.3	1.6	1.2	0.8	1.9	13.1
Only a Few Times	14.1	3.4	3.5	3.4	3.8	2.7	6.0	7.2
Not at All	0.9	0.3	Q	0.2	Q	0.3	0.4	28.1
No Window/Wall Units	81.9	12.5	16.6	20.9	31.9	9.9	23.0	3.5

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Hot Water								
Dishwasher Use Each Week								
Use a Dishwasher	56.7	3.3	9.1	14.9	29.3	2.6	9.0	5.4
Less Than Once a Week	9.4	0.9	2.1	2.7	3.7	0.4	2.0	11.5
Once Each Week	7.5	0.6	2.1	2.1	2.8	0.5	1.6	14.0
2 to 3 Times	17.8	0.8	2.5	5.2	9.2	0.5	2.2	10.0
4 to 6 Times	11.7	0.6	1.1	2.6	7.3	0.7	1.4	13.2
At Least Once Each Day	10.4	0.4	1.3	2.4	6.4	0.4	1.9	12.2
No Dishwasher	50.3	15.4	13.8	12.2	9.0	12.4	24.8	4.4
Loads of Laundry Washed Each Week								
Use a Clothes Washer	84.1	10.7	16.4	22.1	34.9	8.3	22.0	3.9
1 Load or Less	6.8	1.8	2.0	1.6	1.3	1.1	2.6	11.1
2 to 9 Loads	65.1	8.0	12.8	17.3	27.0	6.1	16.2	4.2
10 to 15 Loads	9.6	0.8	1.3	2.6	4.9	0.9	2.4	10.8
More than 15 Loads	2.7	Q	0.3	0.6	1.6	0.2	0.8	19.1
No Washing Machine	22.9	8.0	6.5	4.9	3.4	6.6	11.8	6.8
Water Temperature Setting for Clothes Washer								
Wash Cycle								
Hot	6.2	1.1	1.6	1.5	2.1	0.8	2.2	12.6
Warm	49.7	6.3	9.1	13.0	21.3	4.7	12.7	5.1
Cold	28.2	3.4	5.7	7.7	11.5	2.8	7.2	6.3
Rinse Cycle								
Hot	1.4	Q	0.4	0.4	0.4	Q	0.6	27.3
Warm	16.6	2.8	3.2	4.0	6.7	1.7	4.9	9.2
Cold	66.1	7.8	12.8	17.8	27.7	6.5	16.6	4.4
No Washing Machine	22.9	8.0	6.5	4.9	3.4	6.6	11.8	6.8
Clothes Dryer								
Use a Clothes Dryer	78.8	8.4	15.0	21.3	34.1	6.5	18.7	4.1
Every Time Clothes are Washed	63.5	6.4	11.5	17.3	28.3	5.1	14.4	4.8
Some, but not All, Loads	12.7	1.3	2.8	3.6	5.0	1.1	3.3	8.4
Used Infrequently	2.7	0.7	0.7	0.5	0.8	0.4	1.0	16.2
No Clothes Dryer	28.2	10.3	7.9	5.8	4.2	8.5	15.1	6.1
Cooking								
Number of Hot Meals Cooked in the Home								
3 or More Times a Day	7.5	1.5	1.8	2.1	2.1	1.4	3.4	11.4
2 Times a Day	26.8	5.0	6.0	6.6	9.2	4.3	9.8	6.1
Once a Day	43.3	6.7	8.8	10.8	17.1	5.0	12.3	4.8
A Few Times Each Week	21.7	3.4	4.1	5.8	8.3	2.6	5.5	7.1
About Once a Week	4.0	1.0	1.2	0.8	1.1	0.8	1.4	15.3
Less Than Once a Week	2.4	0.6	0.7	0.7	0.4	0.5	0.9	19.9
No Hot Meals Cooked	1.2	0.5	Q	0.3	Q	0.4	0.6	27.3
Conventional Oven								
Use a Conventional Oven	99.4	17.5	21.8	25.4	34.7	13.9	31.9	3.3
More Than Once a Day	8.6	1.8	1.8	2.1	2.9	1.7	3.6	11.5
Once a Day	17.4	2.5	3.2	5.0	6.8	2.0	5.3	7.8
Between Once a Day and Once a Week	33.1	4.3	6.2	8.7	14.0	3.5	8.6	6.0
Once a Week	15.6	2.4	4.1	3.7	5.4	2.0	4.6	8.1
Less Than Once a Week	24.6	6.5	6.4	6.1	5.6	4.8	9.9	6.6
Do Not Use	7.6	1.2	1.1	1.7	3.6	1.0	1.9	14.2

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Microwave Oven								
Use a Microwave Oven	92.1	14.0	19.4	23.8	35.0	11.0	26.7	3.3
Most or All	8.2	1.7	2.3	1.8	2.4	1.5	2.8	11.0
About Half	19.3	2.6	3.6	4.8	8.3	2.0	4.5	7.8
Some or Very Little	22.4	2.8	4.2	6.5	8.9	2.0	5.8	6.9
For Defrosting, Reheating, or Snacks	42.2	6.9	9.3	10.7	15.3	5.6	13.6	5.3
No Microwave Oven	14.8	4.7	3.5	3.3	3.3	4.0	7.1	9.3
Electric Coffee Maker								
Use an Electric Coffee Maker	65.5	8.7	12.8	16.7	27.3	6.4	17.2	4.1
Three or More Times a Day	2.4	0.5	0.5	0.6	0.7	0.4	0.9	19.0
Two Times a Day	5.9	1.1	1.2	1.6	2.0	0.8	2.1	13.2
Once a Day	33.6	4.1	6.4	8.6	14.4	2.9	8.4	5.9
A Few Times Each Week	9.4	1.0	1.8	2.5	4.1	0.7	2.1	10.4
About Once a Week	5.2	0.6	1.0	1.3	2.4	0.6	1.2	15.0
Less than Once a Week	9.0	1.4	1.9	2.1	3.6	1.1	2.4	9.8
No Electric Coffee Maker	41.5	10.0	10.0	10.4	11.0	8.6	16.6	4.9
Time Electric Coffee Maker is Left On								
Turned Off Right Away	18.8	3.1	4.2	5.1	6.4	2.3	5.6	7.2
Less than 15 Minutes	10.0	1.1	1.8	2.6	4.5	0.9	2.5	10.1
15 Minutes to 1 Hour	24.6	2.9	4.3	6.2	11.2	1.9	5.8	7.3
More than 1 Hour	12.1	1.6	2.5	2.9	5.2	1.3	3.4	9.8
Electric Toaster								
Use a Electric Toaster	36.1	5.1	7.7	8.9	14.3	4.1	10.3	5.7
Three or More Times a Day	1.0	0.3	0.3	0.3	0.3	Q	0.5	27.2
Two Times a Day	2.7	0.5	0.7	0.6	1.0	0.3	0.9	18.4
Once a Day	8.2	1.0	2.0	1.9	3.2	0.9	2.4	11.8
A Few Times Each Week	11.9	1.3	2.3	3.0	5.3	1.2	2.8	9.5
About Once a Week	4.3	0.7	1.0	1.1	1.5	0.5	1.5	14.3
Less than Once a Week	7.9	1.4	1.4	2.1	3.1	1.0	2.2	10.3
No Electric Toaster	70.9	13.6	15.2	18.2	24.0	10.9	23.5	3.6
Lights								
Indoor Lights Turned On:								
1 to 4 Hours per Day								
None	10.2	2.7	2.6	2.2	2.8	2.2	4.4	9.8
1	30.1	8.0	8.1	7.5	6.5	6.5	13.0	5.4
2	30.7	4.8	6.7	8.5	10.6	3.7	9.1	6.3
3	16.6	1.9	2.8	4.3	7.6	1.4	3.7	8.4
4	10.5	0.8	1.8	2.7	5.2	0.8	2.1	11.2
5 or More	8.8	0.4	0.9	1.9	5.6	0.5	1.5	13.9
Between 4 and 12 Hours per Day								
None	30.2	7.1	7.4	6.9	8.9	5.6	11.5	5.8
1	25.2	5.5	6.3	6.8	6.5	4.4	9.1	6.3
2	25.5	4.1	5.7	6.8	9.0	3.1	7.8	6.5
3	12.7	1.2	1.8	3.9	5.8	1.2	3.1	9.9
4	7.2	0.5	1.2	1.6	3.8	0.5	1.5	13.2
5 or More	6.2	0.3	0.4	1.2	4.4	0.3	0.8	17.6
More than 12 Hours per Day								
None	81.1	13.5	17.7	21.1	28.8	10.7	24.8	3.5
1	14.4	3.1	3.0	3.5	4.8	2.5	5.3	8.2
2	6.8	1.4	1.4	1.5	2.4	1.3	2.3	13.7
3	2.4	0.4	0.3	0.5	1.2	0.4	0.7	25.4
4	1.3	Q	Q	Q	0.6	Q	0.4	27.0
5 or More	1.1	Q	Q	0.2	0.6	Q	Q	27.1

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Outdoor Lights on All Night								
Used	24.5	3.2	5.2	5.7	10.5	2.5	6.6	7.3
Not Used	82.5	15.5	17.7	21.4	27.8	12.5	27.2	3.4
Gas Fireplace								
Use a Gas Fireplace During Winter Months	3.7	Q	Q	0.7	2.6	Q	0.3	18.1
Most Days	1.3	Q	Q	0.3	0.9	Q	Q	29.2
Almost Once a Week	1.1	Q	Q	Q	0.8	Q	Q	28.8
Less Than 4 Times a Month	1.2	Q	Q	0.3	0.9	Q	Q	25.6
Use a Personal Computer	60.0	3.7	8.7	16.0	31.6	3.7	10.5	4.8
Hours PC Turned On Each Week								
Less Than 2 Hours	10.3	0.8	2.1	3.1	4.3	0.7	2.1	11.1
2 to 15 Hours	26.3	1.7	4.0	7.4	13.2	1.7	4.8	6.8
16 to 40 Hours	12.2	0.5	1.2	3.1	7.4	0.6	1.7	11.2
More than 40 Hours	5.7	0.4	0.5	1.4	3.4	0.4	0.9	16.7
On All The Time	5.6	0.3	0.9	1.0	3.4	0.3	1.0	17.5
Use of PCs Turned on 16 Hours a Week or More								
Personal Use Only	14.0	1.0	1.7	3.9	7.4	0.9	2.6	10.2
Business Use Only	2.1	Q	Q	0.3	1.6	Q	Q	18.9
Both Personal and Business	7.3	Q	0.7	1.3	5.1	0.3	0.8	15.9
Business Use of PCs Turned on 16 Hours a Week or More								
Use to Telecommute	3.6	Q	0.3	0.5	2.8	Q	Q	22.5
Other Business Use	5.8	0.2	0.6	1.0	4.0	0.3	0.8	17.6
Battery Operated Appliances/Tools								
Use Battery Operated Appliances/Tools	47.7	3.2	7.9	12.5	24.0	2.4	8.7	5.7
How Maintained When Not in Use								
Plugged in All The Time	10.8	0.8	1.2	2.9	5.9	0.5	1.8	11.2
Recharged As Needed	33.8	2.1	6.3	9.0	16.3	1.7	6.3	6.6
Both Ways are Used	3.1	0.3	0.4	0.6	1.8	Q	0.6	17.6
Don't Use Any	59.3	15.5	14.9	14.6	14.3	12.6	25.1	4.2

¹ Below 150 percent of poverty line or 60 percent of median State income.

² 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.

**Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million U.S. Households, 2001**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.6	1.4	2.0	
Total	107.0	73.7	9.5	17.0	6.8	4.3
Weekday Home Activities						
Home Used for Business						
Yes	7.6	6.2	0.4	0.5	0.5	14.6
No	99.4	67.5	9.1	16.5	6.4	4.5
Energy-Intensive Activity						
Yes	1.7	1.4	Q	Q	Q	29.9
No	105.2	72.2	9.4	16.9	6.8	4.3
Someone Home All Day						
Yes	53.0	38.3	4.2	7.3	3.2	5.3
No	53.9	35.4	5.3	9.7	3.6	5.2
Heating						
Heat Home	106.0	73.4	9.4	16.4	6.8	4.3
Do Not Heat Home	1.0	0.3	Q	0.6	Q	20.3
No Heating Equipment	0.5	0.2	Q	0.3	Q	25.9
Have Equipment But Do Not Use It	0.4	Q	Q	0.3	Q	30.7
Adequacy of Insulation						
Well Insulated	42.6	30.4	3.0	6.8	2.5	6.7
Adequately Insulated	43.1	30.1	3.3	7.1	2.6	6.0
Poorly Insulated	19.4	12.2	2.9	2.7	1.7	8.1
No Insulation	0.9	0.6	Q	Q	Q	34.7
Don't Know	0.9	0.4	Q	0.4	Q	35.3
Occurrences of Drafts During Winter						
Never	5.9	3.6	1.0	0.9	0.3	14.3
Some of the Time	6.4	3.9	1.2	1.0	0.4	12.6
Most of the	34.6	23.6	3.2	5.4	2.5	6.8
All of the Time	55.3	40.5	3.5	8.0	3.4	5.7
Don't Know	4.7	2.1	0.6	1.7	0.2	15.4
Thermostat						
Heat Home	106.0	73.4	9.4	16.4	6.8	4.3
Thermostat Available During Heating Season	91.5	66.4	7.5	11.6	6.1	5.1
Programmable ¹						
Yes	25.1	20.9	1.3	1.9	1.0	11.8
No	66.4	45.5	6.2	9.6	5.1	5.6
No Thermostat	14.5	7.0	1.9	4.9	0.7	9.5
Do Not Heat Home	1.0	0.3	Q	0.6	Q	20.3
Lower Winter Temperature Settings¹						
Daytime When No One is at Home						
Yes	47.2	34.9	3.7	5.5	3.1	6.2
No	48.5	33.8	4.4	7.1	3.2	5.8
Unknown	10.3	4.7	1.3	3.8	0.5	11.2
During Sleeping Hours						
Yes	45.7	34.5	2.9	5.4	2.8	6.4
No	51.1	35.0	5.3	7.3	3.5	5.7
Unknown	9.2	3.9	1.2	3.7	0.4	11.7

See footnotes at end of table.

**Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Type of Housing Unit			Mobile Homes	RSE Row Factors
		Single-Family	Apartments in Buildings With			
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.6	1.4	2.0	
Daytime Winter Temperature When Someone is at Home¹						
Heat Turned On	96.8	69.4	8.2	12.8	6.3	4.5
63 Degrees or Less	3.9	2.5	0.6	0.6	0.3	15.2
64 to 66 Degrees	8.4	5.7	0.9	1.2	0.6	12.0
67 to 69 Degrees	23.6	18.6	1.5	2.0	1.5	8.0
70 Degrees	25.7	18.3	2.3	3.4	1.6	7.3
71 to 73 Degrees	16.5	12.2	1.0	2.1	1.2	9.7
74 Degrees or More	18.6	12.3	1.8	3.4	1.2	9.1
Heat Turned Off	2.0	0.9	0.2	0.7	Q	24.0
Unknown/No Answer	7.2	3.0	1.0	2.9	0.3	13.6
Daytime Winter Temperature When No One is at Home¹						
Heat Turned On	87.6	64.2	7.3	10.3	5.7	4.2
63 Degrees or Less	17.7	13.1	1.6	1.6	1.3	9.7
64 to 66 Degrees	17.2	13.1	1.4	1.7	1.0	9.2
67 to 69 Degrees	19.1	14.8	1.4	1.7	1.2	10.1
70 Degrees	15.1	10.3	1.5	2.2	1.1	8.8
71 to 73 Degrees	8.7	6.5	0.5	1.2	0.5	12.4
74 Degrees or More	9.8	6.4	0.9	1.9	0.6	13.0
Heat Turned Off	10.5	5.7	1.0	3.1	0.6	12.9
Unknown/No Answer	8.0	3.5	1.1	3.0	0.4	12.5
Winter Temperature During Sleeping Hours¹						
Heat Turned On	91.8	66.6	7.8	11.1	6.2	4.5
63 Degrees or Less	15.4	11.9	1.2	1.3	1.1	11.1
64 to 66 Degrees	17.4	13.1	1.4	1.7	1.2	8.2
67 to 69 Degrees	21.0	15.8	1.7	2.1	1.4	8.7
70 Degrees	17.4	12.1	1.9	2.2	1.2	8.5
71 to 73 Degrees	9.5	6.9	0.9	1.2	0.5	12.6
74 Degrees or More	11.1	6.9	0.9	2.5	0.8	12.1
Heat Turned Off	7.1	3.8	0.6	2.4	0.3	14.8
Unknown/No Answer	7.1	2.9	1.0	2.9	0.3	13.4
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	58.6	44.4	3.2	7.4	3.7	6.6
All Summer	28.4	21.8	1.7	3.2	1.7	9.6
Quite a Bit	12.1	9.0	0.6	1.7	0.8	12.0
Only a Few Times	16.8	12.8	0.9	2.1	0.9	11.3
Not at All	1.4	0.8	Q	0.3	Q	33.3
No Central System	48.4	29.3	6.3	9.6	3.1	5.9
Window/Wall Air-Conditioning						
Use Window/Wall Units	25.1	14.8	3.3	5.2	1.8	7.4
All Summer	4.9	2.9	0.6	0.8	0.6	15.0
Quite a Bit	5.2	3.3	0.6	0.9	0.3	16.3
Only a Few Times	14.1	8.2	1.9	3.1	0.8	9.2
Not at All	0.9	0.4	Q	0.4	Q	32.4
No Window/Wall Units	81.9	58.9	6.2	11.8	5.0	4.4

See footnotes at end of table.

**Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.6	1.4	2.0	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	56.7	44.5	2.6	7.1	2.5	6.6
Less Than Once a Week	9.4	6.4	0.6	2.0	0.5	12.0
Once Each Week	7.5	5.6	0.3	1.2	0.4	15.7
2 to 3 Times	17.8	14.2	0.8	2.2	0.6	11.2
4 to 6 Times	11.7	10.2	0.4	0.6	0.4	14.3
At Least Once Each Day	10.4	8.1	0.5	1.1	0.7	14.1
No Dishwasher	50.3	29.2	6.9	9.9	4.3	5.4
Loads of Laundry Washed Each Week						
Use a Clothes Washer	84.1	70.0	4.5	3.9	5.8	5.3
1 Load or Less	6.8	5.3	0.4	0.5	0.7	14.7
2 to 9 Loads	65.1	54.0	3.6	3.2	4.3	5.9
10 to 15 Loads	9.6	8.2	0.5	0.3	0.6	13.1
More than 15 Loads	2.7	2.4	Q	Q	Q	23.1
No Washing Machine	22.9	3.7	5.0	13.1	1.1	8.6
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	6.2	5.0	0.3	0.5	0.5	16.2
Warm	49.7	41.8	2.9	2.2	2.7	6.5
Cold	28.2	23.1	1.3	1.2	2.6	8.7
Rinse Cycle						
Hot	1.4	1.1	Q	Q	Q	37.8
Warm	16.6	13.8	1.2	1.0	0.7	11.8
Cold	66.1	55.1	3.3	2.9	4.9	6.2
No Washing Machine	22.9	3.7	5.0	13.1	1.1	8.6
Clothes Dryer						
Use a Clothes Dryer	78.8	66.4	4.1	3.1	5.2	5.6
Every Time Clothes are Washed	63.5	52.9	3.5	2.8	4.3	6.1
Some, but not All, Loads	12.7	11.2	0.5	0.3	0.7	13.4
Used Infrequently	2.7	2.3	Q	Q	0.2	21.4
No Clothes Dryer	28.2	7.3	5.4	13.9	1.6	7.2
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	7.5	5.1	0.6	1.2	0.7	13.2
2 Times a Day	26.8	18.9	2.5	3.3	2.1	7.2
Once a Day	43.3	30.7	3.6	6.5	2.5	6.0
A Few Times Each Week	21.7	14.4	2.0	4.2	1.1	8.2
About Once a Week	4.0	2.6	0.3	0.9	0.3	16.2
Less Than Once a Week	2.4	1.4	0.4	0.5	Q	20.2
No Hot Meals Cooked	1.2	0.7	Q	0.4	Q	41.3
Conventional Oven						
Use a Conventional Oven	99.4	67.5	9.1	16.3	6.4	4.5
More Than Once a Day	8.6	5.9	1.0	1.4	0.4	12.6
Once a Day	17.4	11.9	1.8	2.5	1.2	9.0
Between Once a Day and						
Once a Week	33.1	24.5	2.4	4.4	1.8	7.1
Once a Week	15.6	10.5	1.6	2.4	1.1	9.0
Less Than Once a Week	24.6	14.7	2.3	5.6	1.9	7.8
Do Not Use	7.6	6.2	0.4	0.7	0.4	16.9

See footnotes at end of table.

**Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.6	1.4	2.0	
Microwave Oven						
Use a Microwave Oven	92.1	65.9	7.6	12.5	6.2	4.2
Most or All	8.2	5.2	0.8	1.7	0.5	11.8
About Half	19.3	13.9	1.7	2.6	1.1	9.5
Some or Very Little	22.4	16.3	1.8	2.8	1.5	8.3
For Defrosting, Reheating, or Snacks	42.2	30.4	3.4	5.4	3.1	6.8
No Microwave Oven	14.8	7.8	1.9	4.5	0.7	10.6
Electric Coffee Maker						
Use an Electric Coffee Maker	65.5	49.8	4.3	7.3	4.1	5.2
Three or More Times a Day	2.4	1.8	Q	0.3	Q	22.9
Two Times a Day	5.9	4.8	0.4	0.3	0.4	16.5
Once a Day	33.6	25.9	2.0	3.4	2.3	6.9
A Few Times Each Week	9.4	7.2	0.6	1.2	0.5	11.9
About Once a Week	5.2	3.7	0.6	0.7	0.3	15.3
Less than Once a Week	9.0	6.6	0.6	1.3	0.5	12.2
No Electric Coffee Maker	41.5	23.9	5.1	9.7	2.7	5.7
Time Electric Coffee Maker is Left On						
Turned Off Right Away	18.8	13.7	1.5	2.5	1.1	9.4
Less than 15 Minutes	10.0	6.8	0.8	1.7	0.8	11.1
15 Minutes to 1 Hour	24.6	19.6	1.4	2.2	1.4	8.7
More than 1 Hour	12.1	9.7	0.6	1.0	0.9	11.3
Electric Toaster						
Use a Electric Toaster	36.1	25.9	2.7	5.5	1.9	7.3
Three or More Times a Day	1.0	0.7	Q	Q	Q	40.2
Two Times a Day	2.7	2.1	Q	0.4	Q	21.6
Once a Day	8.2	6.2	0.6	1.0	0.3	14.4
A Few Times Each Week	11.9	8.8	0.9	1.6	0.6	11.3
About Once a Week	4.3	2.8	0.3	0.9	0.2	15.1
Less than Once a Week	7.9	5.3	0.5	1.4	0.7	11.7
No Electric Toaster	70.9	47.8	6.8	11.5	4.9	4.5
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	10.2	6.3	1.3	1.7	1.0	12.4
1	30.1	17.7	3.7	6.5	2.3	6.3
2	30.7	20.9	2.4	5.5	2.0	7.3
3	16.6	12.6	1.1	2.1	0.8	9.9
4	10.5	8.7	0.8	0.8	0.3	14.2
5 or More	8.8	7.7	0.4	0.5	0.4	15.7
Between 4 and 12 Hours per Day						
None	30.2	19.3	3.1	5.4	2.4	7.6
1	25.2	15.0	3.0	5.5	1.6	7.5
2	25.5	18.2	1.8	4.1	1.3	8.0
3	12.7	9.7	0.9	1.2	0.9	12.0
4	7.2	6.1	0.4	0.4	0.3	14.5
5 or More	6.2	5.3	0.3	0.3	0.3	19.8
More than 12 Hours per Day						
None	81.1	55.7	6.7	13.7	5.0	4.5
1	14.4	9.7	1.5	2.3	0.9	9.8
2	6.8	4.9	0.5	0.8	0.5	15.6
3	2.4	1.6	0.4	Q	0.3	28.3
4	1.3	1.0	Q	Q	Q	33.7
5 or More	1.1	0.8	Q	Q	Q	30.4

See footnotes at end of table.

**Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.6	1.4	2.0	
Outdoor Lights on All Night						
Used	24.5	20.2	1.4	1.2	1.6	9.6
Not Used	82.5	53.5	8.1	15.8	5.2	4.3
Gas Fireplace						
Use a Gas Fireplace During Winter						
Months	3.7	3.1	Q	Q	Q	19.6
Most Days	1.3	1.2	Q	Q	Q	39.0
Almost Once a Week	1.1	0.9	Q	Q	Q	35.3
Less Than 4 Times a Month	1.2	1.1	Q	Q	Q	33.0
Use a Personal Computer	60.0	46.4	4.1	6.8	2.7	5.9
Hours PC Turned On Each Week						
Less Than 2 Hours	10.3	7.4	1.0	1.2	0.7	12.3
2 to 15 Hours	26.3	20.8	1.5	2.9	1.1	8.1
16 to 40 Hours	12.2	9.6	0.8	1.3	0.5	11.6
More than 40 Hours	5.7	4.6	0.3	0.6	Q	17.5
On All The Time	5.6	4.0	0.5	0.7	0.4	16.0
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	14.0	10.6	1.0	1.7	0.7	10.8
Business Use Only	2.1	1.8	Q	0.2	Q	24.6
Both Personal and Business	7.3	5.9	0.5	0.7	0.2	15.4
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	3.6	3.1	0.3	0.2	Q	23.8
Other Business Use	5.8	4.6	0.3	0.8	0.2	17.1
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/ Tools	47.7	38.8	2.6	3.7	2.6	6.6
How Maintained When Not in Use						
Plugged in All The Time	10.8	8.9	0.5	0.9	0.5	14.0
Recharged As Needed	33.8	27.3	2.0	2.5	2.0	7.1
Both Ways are Used	3.1	2.7	Q	Q	Q	20.1
Don't Use Any	59.3	34.9	6.9	13.3	4.2	5.1

¹ 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.

**Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001**

Usage Indicators	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	2.9	1.4	
Total	72.7	63.2	2.1	1.8	5.7	6.7
Weekday Home Activities						
Home Used for Business						
Yes	6.2	5.6	Q	Q	0.4	18.8
No	66.5	57.6	2.0	1.7	5.3	7.2
Energy-Intensive Activity						
Yes	1.4	1.3	Q	Q	Q	45.7
No	71.3	61.9	2.0	1.7	5.6	6.8
Someone Home All Day						
Yes	37.9	33.2	1.1	0.9	2.7	8.3
No	34.8	30.0	1.0	0.8	3.0	9.0
Heating						
Heat Home	72.4	63.0	2.0	1.7	5.7	6.7
Do Not Heat Home	0.4	0.2	Q	Q	Q	49.3
No Heating Equipment	0.3	0.2	Q	Q	Q	41.6
Have Equipment But Do Not Use It	Q	Q	Q	Q	Q	NF
Adequacy of Insulation						
Well Insulated	32.4	28.4	0.8	1.0	2.2	10.3
Adequately Insulated	30.3	26.5	0.9	0.6	2.3	9.5
Poorly Insulated	9.4	7.8	0.3	0.2	1.2	13.7
No Insulation	0.4	0.4	Q	Q	Q	69.6
Don't Know	0.2	Q	Q	Q	Q	95.4
Occurrences of Drafts During Winter						
Never	2.3	1.9	Q	Q	0.2	27.4
Some of the Time	2.9	2.3	Q	Q	0.3	24.9
Most of the	23.4	20.2	0.7	0.4	2.1	11.4
All of the Time	42.9	37.7	1.0	1.2	3.0	8.3
Don't Know	1.3	1.0	Q	Q	Q	46.9
Thermostat						
Heat Home	72.4	63.0	2.0	1.7	5.7	6.7
Thermostat Available During Heating Season	66.3	58.1	1.8	1.3	5.1	7.5
Programmable ¹						
Yes	20.6	19.0	0.5	Q	0.9	15.7
No	45.7	39.1	1.3	1.1	4.2	9.2
No Thermostat	6.1	4.9	0.3	0.4	0.5	13.3
Do Not Heat Home	0.4	0.2	Q	Q	Q	49.3
Lower Winter Temperature Settings¹						
Daytime When No One is at Home						
Yes	34.2	30.3	0.7	0.6	2.6	9.5
No	34.6	29.9	1.2	0.9	2.7	9.5
Unknown	3.5	2.8	Q	Q	0.4	29.1
During Sleeping Hours						
Yes	34.1	30.5	0.5	0.6	2.5	9.8
No	35.6	30.3	1.4	0.9	2.9	9.5
Unknown	2.7	2.2	Q	Q	0.3	31.1

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	2.9	1.4	
Daytime Winter Temperature When Someone is at Home¹						
Heat Turned On	69.6	60.8	1.9	1.5	5.4	6.7
63 Degrees or Less	2.4	2.0	Q	Q	0.2	29.6
64 to 66 Degrees	5.6	4.9	0.2	Q	0.4	18.2
67 to 69 Degrees	19.1	16.8	0.6	0.3	1.4	12.1
70 Degrees	18.4	15.9	0.6	0.5	1.4	11.7
71 to 73 Degrees	12.3	10.9	0.3	Q	0.9	14.8
74 Degrees or More	11.8	10.4	Q	0.3	1.0	14.0
Heat Turned Off	0.8	0.6	Q	Q	Q	55.1
Unknown/No Answer	2.0	1.6	Q	Q	0.2	35.9
Daytime Winter Temperature When No One is at Home¹						
Heat Turned On	64.5	56.5	1.8	1.3	4.8	7.4
63 Degrees or Less	13.2	11.4	0.5	Q	1.1	13.4
64 to 66 Degrees	12.8	11.6	0.2	Q	0.8	15.3
67 to 69 Degrees	15.1	13.3	0.5	Q	1.1	14.5
70 Degrees	10.5	9.1	0.4	0.3	0.8	14.0
71 to 73 Degrees	6.6	5.8	Q	Q	0.5	19.0
74 Degrees or More	6.3	5.5	Q	Q	0.5	20.8
Heat Turned Off	5.3	4.4	Q	0.2	0.5	22.4
Unknown/No Answer	2.6	2.0	Q	Q	0.3	33.0
Winter Temperature During Sleeping Hours¹						
Heat Turned On	67.0	58.5	2.0	1.3	5.3	6.8
63 Degrees or Less	11.9	10.5	0.3	Q	1.0	15.3
64 to 66 Degrees	12.8	11.3	0.2	Q	1.0	13.1
67 to 69 Degrees	16.6	14.4	0.6	0.4	1.2	13.0
70 Degrees	12.1	10.3	0.5	0.3	0.9	13.2
71 to 73 Degrees	7.0	6.2	Q	Q	0.4	21.2
74 Degrees or More	6.8	5.8	Q	Q	0.7	19.3
Heat Turned Off	3.5	3.0	Q	0.2	0.2	23.6
Unknown/No Answer	1.9	1.5	Q	Q	Q	42.4
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	45.5	40.6	0.8	1.0	3.2	10.5
All Summer	22.3	20.0	0.3	Q	1.5	14.6
Quite a Bit	9.3	8.2	Q	Q	0.7	17.2
Only a Few Times	13.0	11.7	Q	0.3	0.8	15.3
Not at All	0.9	0.7	Q	Q	Q	62.1
No Central System	27.2	22.6	1.3	0.8	2.5	9.5
Window/Wall Air-Conditioning						
Use Window/Wall Units	14.6	11.9	0.8	0.5	1.4	11.1
All Summer	2.7	2.1	Q	Q	0.3	26.1
Quite a Bit	3.2	2.7	Q	Q	0.3	26.2
Only a Few Times	8.3	6.8	0.5	0.4	0.7	13.4
Not at All	0.4	0.3	Q	Q	Q	70.6
No Window/Wall Units	58.1	51.3	1.3	1.3	4.3	8.0

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	2.9	1.4	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	45.7	41.2	0.9	1.3	2.3	9.5
Less Than Once a Week	6.9	5.9	0.2	0.4	0.4	17.0
Once Each Week	5.5	4.9	Q	Q	0.3	24.5
2 to 3 Times	14.8	13.3	0.3	0.6	0.5	15.4
4 to 6 Times	10.1	9.5	Q	Q	0.4	17.8
At Least Once Each Day	8.4	7.6	Q	Q	0.6	18.2
No Dishwasher	27.0	22.0	1.1	0.5	3.4	9.4
Loads of Laundry Washed Each Week						
Use a Clothes Washer	68.8	61.4	1.7	0.7	5.0	7.6
1 Load or Less	5.5	4.6	Q	Q	0.6	18.4
2 to 9 Loads	53.0	47.4	1.3	0.6	3.8	8.4
10 to 15 Loads	8.1	7.4	Q	Q	0.5	15.3
More than 15 Loads	2.2	2.0	Q	Q	Q	32.2
No Washing Machine	3.9	1.8	0.4	1.0	0.7	17.7
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	5.0	4.3	Q	Q	0.4	19.3
Warm	41.2	37.2	1.3	Q	2.4	8.0
Cold	22.7	19.8	0.3	0.4	2.2	12.2
Rinse Cycle						
Hot	1.1	0.9	Q	Q	Q	55.5
Warm	13.3	12.1	0.5	Q	0.6	17.5
Cold	54.4	48.4	1.1	0.6	4.3	8.5
No Washing Machine	3.9	1.8	0.4	1.0	0.7	17.7
Clothes Dryer						
Use a Clothes Dryer	65.5	58.7	1.6	0.6	4.6	7.7
Every Time Clothes are Washed	52.6	46.8	1.3	0.6	3.8	8.5
Some, but not All, Loads	10.9	10.0	0.2	Q	0.6	15.2
Used Infrequently	2.0	1.9	Q	Q	Q	37.4
No Clothes Dryer	7.3	4.5	0.5	1.1	1.1	14.0
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	4.6	3.9	Q	Q	0.6	22.6
2 Times a Day	18.5	15.8	0.6	0.3	1.7	11.9
Once a Day	31.4	27.4	1.0	0.9	2.1	8.4
A Few Times Each Week	13.6	12.2	0.2	Q	0.8	13.0
About Once a Week	2.6	2.2	Q	Q	0.2	25.8
Less Than Once a Week	1.5	1.2	Q	Q	Q	36.0
No Hot Meals Cooked	0.6	0.6	Q	Q	Q	76.3
Conventional Oven						
Use a Conventional Oven	66.7	57.6	2.0	1.7	5.4	7.3
More Than Once a Day	5.4	4.9	Q	Q	0.3	22.9
Once a Day	11.6	9.9	0.3	0.2	1.1	14.2
Between Once a Day and						
Once a Week	23.7	21.3	0.3	0.5	1.5	12.1
Once a Week	10.8	9.2	0.4	Q	1.0	14.0
Less Than Once a Week	15.2	12.2	0.8	0.7	1.6	12.2
Do Not Use	6.1	5.6	Q	Q	0.3	23.9

See footnotes at end of table.

**Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	2.9	1.4	
Microwave Oven						
Use a Microwave Oven	65.6	57.2	1.7	1.4	5.3	7.4
Most or All	5.0	4.2	Q	Q	0.5	19.6
About Half	13.5	12.0	0.3	0.4	0.9	13.8
Some or Very Little	16.1	14.1	0.4	0.4	1.2	12.2
For Defrosting, Reheating, or Snacks	31.0	27.0	0.9	0.5	2.7	10.6
No Microwave Oven	7.1	6.0	0.4	0.3	0.4	17.0
Electric Coffee Maker						
Use an Electric Coffee Maker	50.0	44.0	1.2	1.1	3.7	8.3
Three or More Times a Day	1.8	1.5	Q	Q	Q	34.0
Two Times a Day	4.5	4.0	Q	Q	0.4	22.2
Once a Day	26.5	23.4	0.6	0.4	2.1	10.6
A Few Times Each Week	6.8	6.0	Q	0.2	0.5	16.5
About Once a Week	3.8	3.3	Q	Q	Q	27.4
Less than Once a Week	6.7	5.9	Q	Q	0.4	17.6
No Electric Coffee Maker	22.7	19.2	0.9	0.7	2.0	10.3
Time Electric Coffee Maker is Left On						
Turned Off Right Away	13.9	12.1	0.6	0.3	0.9	13.4
Less than 15 Minutes	7.1	5.8	Q	0.3	0.8	16.5
15 Minutes to 1 Hour	19.5	17.7	0.2	0.5	1.2	13.5
More than 1 Hour	9.5	8.4	0.2	Q	0.8	18.0
Electric Toaster						
Use a Electric Toaster	26.2	22.6	1.0	0.9	1.7	10.8
Three or More Times a Day	0.8	0.6	Q	Q	Q	59.8
Two Times a Day	2.0	1.7	Q	Q	Q	38.9
Once a Day	6.1	5.5	0.3	Q	0.2	20.2
A Few Times Each Week	9.1	7.8	0.3	0.4	0.5	16.3
About Once a Week	3.0	2.6	Q	Q	0.2	24.5
Less than Once a Week	5.3	4.3	Q	Q	0.6	17.5
No Electric Toaster	46.6	40.6	1.1	0.9	4.0	8.0
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	6.5	5.1	0.4	Q	0.8	20.4
1	17.9	14.8	0.7	0.5	1.9	10.7
2	20.4	17.7	0.5	0.5	1.6	11.5
3	12.4	11.0	0.3	0.4	0.8	14.1
4	8.2	7.7	Q	Q	0.2	21.0
5 or More	7.4	6.9	Q	Q	0.3	22.5
Between 4 and 12 Hours per Day						
None	19.5	16.3	0.6	0.5	2.1	13.0
1	15.2	12.6	0.8	0.5	1.3	12.4
2	17.0	15.1	0.3	0.5	1.0	13.7
3	9.9	8.8	Q	Q	0.8	16.9
4	5.9	5.5	Q	Q	0.3	21.0
5 or More	5.2	4.8	Q	Q	0.3	27.3
More than 12 Hours per Day						
None	55.3	48.3	1.3	1.4	4.2	8.2
1	9.2	7.8	0.5	Q	0.8	15.4
2	4.5	3.9	Q	Q	0.3	26.3
3	1.9	1.6	Q	Q	Q	42.6
4	0.9	0.9	Q	Q	Q	54.9
5 or More	0.9	0.7	Q	Q	Q	42.0

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	2.9	1.4	
Outdoor Lights on All Night						
Used	19.8	17.8	0.5	Q	1.4	13.3
Not Used	53.0	45.4	1.6	1.7	4.2	7.8
Gas Fireplace						
Use a Gas Fireplace During Winter Months						
.....	3.1	3.0	Q	Q	Q	28.5
Most Days	1.2	1.1	Q	Q	Q	54.1
Almost Once a Week	0.9	0.9	Q	Q	Q	47.1
Less Than 4 Times a Month	1.0	1.0	Q	Q	Q	47.2
Use a Personal Computer	45.7	41.1	1.3	0.9	2.4	8.6
Hours PC Turned On Each Week						
Less Than 2 Hours	7.7	6.6	0.4	Q	0.5	18.7
2 to 15 Hours	20.4	18.4	0.4	0.4	1.0	11.8
16 to 40 Hours	9.4	8.6	0.2	Q	0.4	16.4
More than 40 Hours	4.3	4.0	Q	Q	Q	23.4
On All The Time	4.0	3.5	Q	Q	0.3	24.7
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	10.2	9.1	0.3	Q	0.6	15.8
Business Use Only	1.8	1.6	Q	Q	Q	32.9
Both Personal and Business	5.7	5.3	Q	Q	Q	22.1
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.9	2.7	Q	Q	Q	35.1
Other Business Use	4.6	4.2	Q	Q	0.2	24.7
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	38.9	34.8	0.8	0.8	2.4	9.2
How Maintained When Not in Use						
Plugged in All The Time	9.1	8.2	Q	Q	0.5	18.1
Recharged As Needed	27.2	24.3	0.5	0.5	1.9	10.5
Both Ways are Used	2.6	2.4	Q	Q	Q	28.9
Don't Use Any	33.8	28.3	1.2	1.0	3.2	8.5

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NF = No applicable RSE row factor.

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.

**Table HC6-6a. Usage Indicators by Type of Rented Housing Unit,
Million U.S. Households, 2001**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.1	0.9	2.5	
Total	34.3	10.5	7.4	15.2	1.1	6.9
Weekday Home Activities						
Home Used for Business						
Yes	1.4	0.6	0.3	0.4	Q	30.5
No	32.9	9.9	7.1	14.8	1.1	7.1
Energy-Intensive Activity						
Yes	0.3	Q	Q	Q	Q	48.1
No	34.0	10.4	7.4	15.1	1.1	6.9
Someone Home All Day						
Yes	15.1	5.1	3.1	6.3	0.5	9.9
No	19.1	5.4	4.3	8.9	0.6	8.8
Heating						
Heat Home	33.7	10.4	7.4	14.8	1.1	6.9
Do Not Heat Home	0.6	Q	Q	0.5	Q	22.6
No Heating Equipment	0.2	Q	Q	Q	Q	88.3
Have Equipment But Do Not Use It	0.4	Q	Q	0.3	Q	38.5
Adequacy of Insulation						
Well Insulated	10.3	2.0	2.2	5.8	0.2	12.5
Adequately Insulated	12.8	3.6	2.4	6.5	0.4	10.4
Poorly Insulated	10.0	4.4	2.6	2.5	0.5	11.6
No Insulation	0.5	0.2	Q	Q	Q	39.8
Don't Know	0.7	0.2	Q	0.4	Q	38.7
Occurrences of Drafts During Winter						
Never	3.7	1.7	0.9	0.9	Q	19.0
Some of the Time	3.5	1.5	1.0	0.9	Q	16.5
Most of the	11.2	3.3	2.5	5.0	0.4	10.9
All of the Time	12.4	2.8	2.4	6.8	0.4	11.5
Don't Know	3.5	1.1	0.6	1.7	Q	19.2
Thermostat						
Heat Home	33.7	10.4	7.4	14.8	1.1	6.9
Thermostat Available During Heating Season	25.2	8.3	5.7	10.3	0.9	8.7
Programmable ¹						
Yes	4.5	1.9	0.8	1.8	Q	19.4
No	20.7	6.4	4.9	8.5	0.9	9.4
No Thermostat	8.4	2.1	1.6	4.5	Q	12.6
Do Not Heat Home	0.6	Q	Q	0.5	Q	22.6
Lower Winter Temperature Settings¹						
Daytime When No One is at Home						
Yes	13.0	4.6	3.0	5.0	0.4	10.9
No	13.8	3.9	3.2	6.1	0.5	9.3
Unknown	6.8	1.9	1.1	3.6	Q	13.0
During Sleeping Hours						
Yes	11.6	4.0	2.4	4.8	0.3	11.4
No	15.6	4.7	3.9	6.4	0.6	9.0
Unknown	6.5	1.7	1.1	3.5	Q	13.8

See footnotes at end of table.

**Table HC6-6a. Usage Indicators by Type of Rented Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.1	0.9	2.5	
Daytime Winter Temperature When Someone is at Home¹						
Heat Turned On	27.2	8.7	6.3	11.3	1.0	7.7
63 Degrees or Less	1.5	0.5	0.5	0.5	Q	22.3
64 to 66 Degrees	2.8	0.8	0.7	1.2	Q	18.3
67 to 69 Degrees	4.6	1.8	1.0	1.7	Q	15.3
70 Degrees	7.3	2.4	1.8	2.9	0.2	11.5
71 to 73 Degrees	4.1	1.3	0.7	1.9	Q	16.7
74 Degrees or More	6.8	1.9	1.6	3.1	Q	14.0
Heat Turned Off	1.2	0.3	Q	0.7	Q	31.9
Unknown/No Answer	5.2	1.4	0.9	2.8	Q	15.9
Daytime Winter Temperature When No One is at Home¹						
Heat Turned On	23.0	7.6	5.5	9.0	0.9	8.0
63 Degrees or Less	4.5	1.7	1.1	1.4	0.2	15.8
64 to 66 Degrees	4.4	1.5	1.2	1.5	Q	15.3
67 to 69 Degrees	4.0	1.5	0.9	1.5	Q	17.5
70 Degrees	4.6	1.3	1.1	1.9	0.2	14.6
71 to 73 Degrees	2.1	0.7	0.3	1.1	Q	20.2
74 Degrees or More	3.5	0.9	0.8	1.7	Q	19.9
Heat Turned Off	5.2	1.3	0.9	2.9	Q	15.7
Unknown/No Answer	5.4	1.5	1.0	2.9	Q	15.1
Winter Temperature During Sleeping Hours¹						
Heat Turned On	24.8	8.1	5.9	9.8	0.9	7.9
63 Degrees or Less	3.5	1.4	0.8	1.2	Q	18.4
64 to 66 Degrees	4.6	1.7	1.1	1.6	Q	14.1
67 to 69 Degrees	4.4	1.4	1.1	1.7	Q	16.6
70 Degrees	5.3	1.8	1.3	1.9	0.3	14.3
71 to 73 Degrees	2.6	0.8	0.6	1.1	Q	21.7
74 Degrees or More	4.3	1.1	0.8	2.3	Q	18.8
Heat Turned Off	3.6	0.9	0.6	2.1	Q	19.1
Unknown/No Answer	5.3	1.4	0.9	2.8	Q	15.7
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	13.1	3.9	2.4	6.3	0.4	13.2
All Summer	6.1	1.8	1.3	2.7	Q	16.9
Quite a Bit	2.8	0.9	0.3	1.5	Q	22.6
Only a Few Times	3.8	1.1	0.8	1.8	Q	22.1
Not at All	0.5	Q	Q	0.3	Q	51.7
No Central System	21.2	6.6	5.0	8.9	0.7	8.2
Window/Wall Air-Conditioning						
Use Window/Wall Units	10.5	3.0	2.5	4.7	0.4	11.1
All Summer	2.2	0.8	0.5	0.7	Q	22.4
Quite a Bit	2.0	0.7	0.4	0.9	Q	23.7
Only a Few Times	5.8	1.4	1.5	2.8	Q	15.6
Not at All	0.5	Q	Q	0.3	Q	39.9
No Window/Wall Units	23.8	7.5	4.9	10.6	0.8	8.5

See footnotes at end of table.

**Table HC6-6a. Usage Indicators by Type of Rented Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.1	0.9	2.5	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	10.9	3.3	1.7	5.8	Q	12.7
Less Than Once a Week	2.4	0.4	0.3	1.6	Q	23.9
Once Each Week	2.0	0.6	Q	1.1	Q	27.0
2 to 3 Times	3.0	0.9	0.5	1.6	Q	21.0
4 to 6 Times	1.6	0.8	0.3	0.5	Q	28.7
At Least Once Each Day	2.0	0.5	0.4	1.0	Q	29.6
No Dishwasher	23.3	7.2	5.8	9.4	0.9	7.8
Loads of Laundry Washed Each Week						
Use a Clothes Washer	15.3	8.6	2.8	3.2	0.7	10.5
1 Load or Less	1.3	0.7	0.2	0.3	Q	25.0
2 to 9 Loads	12.1	6.6	2.3	2.6	0.6	11.2
10 to 15 Loads	1.5	0.9	0.3	0.2	Q	27.9
More than 15 Loads	0.5	0.4	Q	Q	Q	47.4
No Washing Machine	19.0	1.9	4.6	12.1	0.4	10.1
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	1.3	0.7	0.2	0.4	Q	30.0
Warm	8.6	4.6	1.7	2.0	0.3	13.8
Cold	5.5	3.3	1.0	0.8	0.4	14.8
Rinse Cycle						
Hot	0.3	Q	Q	Q	Q	60.0
Warm	3.3	1.7	0.6	0.8	Q	18.7
Cold	11.7	6.7	2.1	2.3	0.6	11.9
No Washing Machine	19.0	1.9	4.6	12.1	0.4	10.1
Clothes Dryer						
Use a Clothes Dryer	13.4	7.7	2.6	2.5	0.6	11.3
Every Time Clothes are Washed	10.9	6.1	2.2	2.1	0.5	11.6
Some, but not All, Loads	1.8	1.2	0.3	0.3	Q	30.5
Used Infrequently	0.6	0.4	Q	Q	Q	38.9
No Clothes Dryer	20.9	2.8	4.9	12.7	0.5	9.5
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	2.9	1.2	0.5	1.1	Q	20.7
2 Times a Day	8.3	3.1	1.9	3.0	0.4	13.0
Once a Day	12.0	3.4	2.6	5.6	0.3	11.6
A Few Times Each Week	8.1	2.2	1.8	3.8	0.2	12.0
About Once a Week	1.5	0.4	0.3	0.8	Q	29.5
Less Than Once a Week	1.0	Q	0.3	0.5	Q	29.3
No Hot Meals Cooked	0.6	Q	Q	0.4	Q	51.3
Conventional Oven						
Use a Conventional Oven	32.7	9.9	7.1	14.6	1.1	7.1
More Than Once a Day	3.1	0.9	0.8	1.3	Q	17.4
Once a Day	5.9	2.0	1.5	2.3	Q	13.6
Between Once a Day and						
Once a Week	9.4	3.2	2.0	3.9	0.4	13.0
Once a Week	4.9	1.3	1.3	2.2	Q	15.7
Less Than Once a Week	9.4	2.5	1.6	4.9	0.4	12.1
Do Not Use	1.6	0.6	0.3	0.7	Q	29.3

See footnotes at end of table.

**Table HC6-6a. Usage Indicators by Type of Rented Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.1	0.9	2.5	
Microwave Oven						
Use a Microwave Oven	26.5	8.7	5.9	11.0	0.9	7.8
Most or All	3.1	1.0	0.6	1.5	Q	18.3
About Half	5.8	1.9	1.4	2.3	0.2	15.6
Some or Very Little	6.4	2.3	1.4	2.4	0.3	14.6
For Defrosting, Reheating, or Snacks	11.2	3.4	2.5	4.9	0.4	10.9
No Microwave Oven	7.8	1.8	1.5	4.2	0.3	14.0
Electric Coffee Maker						
Use an Electric Coffee Maker	15.5	5.8	3.2	6.2	0.4	9.4
Three or More Times a Day	0.6	0.3	Q	0.2	Q	41.8
Two Times a Day	1.5	0.8	0.4	0.3	Q	26.2
Once a Day	7.1	2.5	1.4	3.0	0.2	12.8
A Few Times Each Week	2.7	1.2	0.5	1.0	Q	20.8
About Once a Week	1.4	0.4	0.4	0.6	Q	26.6
Less than Once a Week	2.3	0.7	0.5	1.1	Q	23.7
No Electric Coffee Maker	18.8	4.7	4.2	9.1	0.7	8.4
Time Electric Coffee Maker is Left On						
Turned Off Right Away	4.9	1.6	0.9	2.2	Q	15.4
Less than 15 Minutes	3.0	1.0	0.6	1.4	Q	18.3
15 Minutes to 1 Hour	5.0	2.0	1.2	1.7	Q	15.2
More than 1 Hour	2.6	1.2	0.4	0.9	Q	20.7
Electric Toaster						
Use a Electric Toaster	9.9	3.3	1.7	4.7	0.2	13.2
Three or More Times a Day	0.3	Q	Q	Q	Q	60.5
Two Times a Day	0.7	0.3	Q	0.3	Q	34.6
Once a Day	2.1	0.7	0.4	0.9	Q	24.8
A Few Times Each Week	2.9	1.0	0.6	1.2	Q	19.9
About Once a Week	1.3	0.2	0.2	0.8	Q	26.7
Less than Once a Week	2.6	1.1	0.3	1.2	Q	20.7
No Electric Toaster	24.4	7.2	5.7	10.6	0.9	7.9
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	3.7	1.2	0.9	1.5	Q	19.6
1	12.3	2.9	3.0	6.0	0.4	9.7
2	10.3	3.2	1.8	5.0	0.4	12.6
3	4.2	1.6	0.8	1.7	Q	15.6
4	2.3	0.9	0.6	0.7	Q	21.9
5 or More	1.4	0.7	0.3	0.3	Q	27.4
Between 4 and 12 Hours per Day						
None	10.7	3.0	2.5	4.9	0.4	10.6
1	9.9	2.4	2.3	5.0	Q	10.6
2	8.5	3.1	1.5	3.6	0.3	12.6
3	2.8	0.9	0.7	1.1	Q	20.8
4	1.2	0.6	0.3	0.3	Q	24.9
5 or More	1.1	0.5	0.2	0.3	Q	33.7
More than 12 Hours per Day						
None	25.8	7.4	5.4	12.3	0.7	7.4
1	5.2	1.9	1.1	2.2	Q	16.0
2	2.3	1.0	0.5	0.6	Q	24.6
3	0.5	Q	0.3	Q	Q	61.0
4	0.3	Q	Q	Q	Q	50.5
5 or More	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

**Table HC6-6a. Usage Indicators by Type of Rented Housing Unit,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.1	0.9	2.5	
Outdoor Lights on All Night						
Used	4.7	2.4	0.9	1.2	0.2	15.2
Not Used	29.6	8.1	6.5	14.1	0.9	7.4
Gas Fireplace						
Use a Gas Fireplace During Winter Months						
Months	0.5	Q	Q	Q	Q	56.8
Most Days	Q	Q	Q	Q	Q	NF
Almost Once a Week	Q	Q	Q	Q	Q	NF
Less Than 4 Times a Month	Q	Q	Q	Q	Q	NF
Use a Personal Computer	14.3	5.3	2.9	5.9	0.3	10.7
Hours PC Turned On Each Week						
Less Than 2 Hours	2.7	0.8	0.6	1.1	Q	19.4
2 to 15 Hours	5.9	2.3	1.1	2.5	Q	14.0
16 to 40 Hours	2.7	1.0	0.6	1.1	Q	21.7
More than 40 Hours	1.4	0.6	0.2	0.5	Q	30.5
On All The Time	1.6	0.5	0.4	0.7	Q	26.1
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	3.8	1.4	0.8	1.5	Q	17.7
Business Use Only	0.4	Q	Q	Q	Q	47.6
Both Personal and Business	1.6	0.6	0.3	0.7	Q	25.5
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	0.7	0.3	Q	0.2	Q	51.1
Other Business Use	1.3	0.4	0.2	0.7	Q	29.2
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	8.8	4.0	1.8	2.9	Q	12.3
How Maintained When Not in Use						
Plugged in All The Time	1.7	0.6	0.3	0.8	Q	24.0
Recharged As Needed	6.5	3.0	1.5	2.0	Q	14.2
Both Ways are Used	0.6	0.3	Q	Q	Q	38.2
Don't Use Any	25.5	6.5	5.6	12.3	1.0	7.9

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NF = No applicable RSE row factor.

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.

**Table HC6-7a. Usage Indicators by Four Most Populated States,
Million U.S. Households, 2001**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.3	1.6	
Total	107.0	7.1	12.3	7.7	6.3	NE
Weekday Home Activities						
Home Used for Business						
Yes	7.6	0.4	0.9	0.4	0.3	19.3
No	99.4	6.7	11.5	7.3	6.0	1.4
Energy-Intensive Activity						
Yes	1.7	0.1	0.1	Q	Q	33.9
No	105.2	6.9	12.2	7.6	6.3	NE
Someone Home All Day						
Yes	53.0	3.5	6.4	3.8	3.1	3.9
No	53.9	3.6	5.9	3.8	3.2	3.9
Heating						
Heat Home	106.0	7.1	12.0	7.7	6.2	0.6
Do Not Heat Home	1.0	Q	0.3	Q	0.1	21.5
No Heating Equipment	0.5	Q	0.1	Q	Q	44.7
Have Equipment But Do Not Use It	0.4	Q	0.2	Q	Q	35.6
Adequacy of Insulation						
Well Insulated	42.6	2.9	3.3	2.7	2.2	6.6
Adequately Insulated	43.1	2.8	5.3	3.4	3.1	6.5
Poorly Insulated	19.4	1.3	3.2	1.4	1.0	8.5
No Insulation	0.9	Q	0.2	Q	Q	29.6
Don't Know	0.9	Q	0.3	Q	Q	32.6
Occurrences of Drafts During Winter						
Never	5.9	Q	0.6	0.5	0.2	20.3
Some of the Time	6.4	0.5	1.0	0.4	0.3	13.5
Most of the Time	34.6	2.5	4.5	2.3	1.3	7.4
All of the Time	55.3	3.4	5.4	4.0	4.3	4.8
Don't Know	4.7	0.3	0.8	0.5	0.3	16.0
Thermostat						
Heat Home	106.0	7.1	12.0	7.7	6.2	0.6
Thermostat Available During Heating Season	91.5	4.2	9.5	6.7	5.6	2.5
Programmable ¹						
Yes	25.1	2.1	4.4	1.5	1.1	14.8
No	66.4	2.1	5.1	5.2	4.6	6.4
No Thermostat	14.5	2.9	2.5	0.9	0.5	10.4
Do Not Heat Home	1.0	Q	0.3	Q	0.1	21.5
Lower Winter Temperature Settings¹						
Daytime When No One is at Home						
Yes	47.2	2.6	7.2	2.9	2.5	5.1
No	48.5	3.7	2.5	3.9	3.1	5.1
Unknown	10.3	0.8	2.3	0.9	0.5	11.6
During Sleeping Hours						
Yes	45.7	3.2	7.0	2.9	2.1	5.0
No	51.1	3.1	3.1	4.0	3.5	4.0
Unknown	9.2	0.7	2.0	0.8	0.5	11.7

See footnotes at end of table.

**Table HC6-7a. Usage Indicators by Four Most Populated States,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.3	1.6	
Daytime Winter Temperature When Someone is at Home¹						
Heat Turned On	96.8	6.4	9.9	6.9	5.7	1.8
63 Degrees or Less	3.9	0.3	0.8	Q	0.1	19.2
64 to 66 Degrees	8.4	0.9	1.5	0.2	0.3	16.7
67 to 69 Degrees	23.6	1.9	2.4	1.0	0.7	9.0
70 Degrees	25.7	1.5	2.8	1.6	1.4	10.5
71 to 73 Degrees	16.5	0.9	1.0	1.1	1.0	13.7
74 Degrees or More	18.6	0.8	1.5	2.9	2.0	8.9
Heat Turned Off	2.0	Q	1.1	0.2	Q	20.8
Unknown/No Answer	7.2	0.7	1.0	0.6	0.2	12.6
Daytime Winter Temperature When No One is at Home¹						
Heat Turned On	87.6	6.3	5.7	6.5	5.1	2.6
63 Degrees or Less	17.7	1.4	2.3	0.7	1.0	13.5
64 to 66 Degrees	17.2	1.7	1.4	0.8	0.8	12.1
67 to 69 Degrees	19.1	1.3	0.9	1.1	0.7	12.2
70 Degrees	15.1	1.0	0.6	1.4	0.8	10.8
71 to 73 Degrees	8.7	0.5	0.3	0.7	0.4	21.6
74 Degrees or More	9.8	0.5	0.2	1.7	1.4	13.5
Heat Turned Off	10.5	Q	5.2	0.6	0.8	14.3
Unknown/No Answer	8.0	0.8	1.2	0.7	0.3	14.3
Winter Temperature During Sleeping Hours¹						
Heat Turned On	91.8	6.3	6.8	6.8	5.5	1.8
63 Degrees or Less	15.4	1.5	2.5	0.6	0.6	15.2
64 to 66 Degrees	17.4	1.5	1.7	0.8	0.9	10.0
67 to 69 Degrees	21.0	1.5	1.1	1.2	0.5	7.7
70 Degrees	17.4	0.9	1.0	1.5	1.2	9.7
71 to 73 Degrees	9.5	0.6	0.2	0.8	0.9	18.3
74 Degrees or More	11.1	0.4	0.3	2.0	1.4	15.0
Heat Turned Off	7.1	Q	4.2	0.3	0.5	15.2
Unknown/No Answer	7.1	0.7	1.0	0.6	0.2	14.0
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	58.6	1.3	4.5	6.2	5.9	6.3
All Summer	28.4	0.2	0.3	4.7	3.9	9.1
Quite a Bit	12.1	0.4	0.8	1.1	1.2	15.9
Only a Few Times	16.8	0.7	2.9	0.4	0.5	14.6
Not at All	1.4	Q	0.6	Q	0.2	24.1
No Central System	48.4	5.8	7.9	1.5	0.5	9.5
Window/Wall Air-Conditioning						
Use Window/Wall Units	25.1	3.6	1.6	1.3	0.5	12.6
All Summer	4.9	0.4	0.1	0.7	Q	27.0
Quite a Bit	5.2	0.5	0.2	0.2	Q	27.9
Only a Few Times	14.1	2.4	1.0	0.4	0.4	11.6
Not at All	0.9	0.1	0.3	Q	Q	25.7
No Window/Wall Units	81.9	3.5	10.7	6.4	5.8	3.0

See footnotes at end of table.

**Table HC6-7a. Usage Indicators by Four Most Populated States,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.3	1.6	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	56.7	2.8	6.8	4.7	3.6	5.6
Less Than Once a Week	9.4	0.7	1.4	0.8	0.7	13.8
Once Each Week	7.5	0.4	1.2	0.4	0.4	17.4
2 to 3 Times	17.8	0.7	2.2	1.6	0.9	13.1
4 to 6 Times	11.7	0.4	1.3	0.9	0.9	14.7
At Least Once Each Day	10.4	0.6	0.8	0.9	0.6	17.9
No Dishwasher	50.3	4.3	5.5	3.0	2.8	6.3
Loads of Laundry Washed Each Week						
Use a Clothes Washer	84.1	4.5	8.4	5.9	5.2	3.8
1 Load or Less	6.8	0.4	1.0	0.2	0.6	13.4
2 to 9 Loads	65.1	3.5	6.4	4.6	4.0	4.2
10 to 15 Loads	9.6	0.5	0.8	0.9	0.5	10.2
More than 15 Loads	2.7	0.1	0.2	0.2	Q	33.2
No Washing Machine	22.9	2.5	3.9	1.8	1.1	11.1
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	6.2	0.4	0.7	0.4	0.3	20.4
Warm	49.7	3.0	5.0	3.5	2.3	5.9
Cold	28.2	1.2	2.7	2.0	2.6	6.7
Rinse Cycle						
Hot	1.4	Q	0.1	0.1	Q	28.5
Warm	16.6	0.8	1.6	1.2	1.0	15.3
Cold	66.1	3.6	6.7	4.6	4.2	4.4
No Washing Machine	22.9	2.5	3.9	1.8	1.1	11.1
Clothes Dryer						
Use a Clothes Dryer	78.8	3.8	8.0	5.7	4.9	4.5
Every Time Clothes are Washed	63.5	2.6	6.5	4.8	4.1	5.2
Some, but not All, Loads	12.7	1.0	1.3	0.8	0.7	9.2
Used Infrequently	2.7	0.2	0.2	Q	Q	30.2
No Clothes Dryer	28.2	3.3	4.3	2.0	1.4	10.1
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	7.5	0.4	0.9	0.7	0.3	22.5
2 Times a Day	26.8	1.7	3.3	1.8	1.5	7.6
Once a Day	43.3	2.8	4.6	2.8	2.3	6.2
A Few Times Each Week	21.7	1.8	2.8	1.8	1.7	9.7
About Once a Week	4.0	0.3	0.4	0.3	0.3	15.1
Less Than Once a Week	2.4	0.1	0.1	0.3	Q	28.7
No Hot Meals Cooked	1.2	Q	0.2	Q	0.1	35.0
Conventional Oven						
Use a Conventional Oven	99.4	6.8	11.1	6.4	5.9	1.7
More Than Once a Day	8.6	0.7	0.7	0.5	0.6	13.6
Once a Day	17.4	1.2	1.5	1.1	0.9	11.6
Between Once a Day and Once a Week	33.1	1.8	3.5	2.1	2.0	7.1
Once a Week	15.6	1.2	1.7	1.2	1.2	9.0
Less Than Once a Week	24.6	2.0	3.7	1.5	1.3	11.1
Do Not Use	7.6	0.2	1.2	1.2	0.4	19.9

See footnotes at end of table.

**Table HC6-7a. Usage Indicators by Four Most Populated States,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.3	1.6	
Microwave Oven						
Use a Microwave Oven	92.1	5.2	10.0	6.7	5.4	3.0
Most or All	8.2	0.3	1.3	0.7	0.6	15.0
About Half	19.3	0.9	2.4	1.2	1.1	11.4
Some or Very Little	22.4	1.3	2.5	1.9	1.2	10.5
For Defrosting, Reheating, or Snacks	42.2	2.6	3.8	2.9	2.5	6.8
No Microwave Oven	14.8	1.9	2.3	1.0	0.9	14.6
Electric Coffee Maker						
Use an Electric Coffee Maker	65.5	4.4	7.0	4.5	3.1	3.7
Three or More Times a Day	2.4	0.2	0.1	Q	Q	33.1
Two Times a Day	5.9	0.5	0.5	0.4	0.2	19.5
Once a Day	33.6	2.1	3.4	2.8	1.8	6.5
A Few Times Each Week	9.4	0.6	1.2	0.5	0.5	13.1
About Once a Week	5.2	0.4	0.5	0.3	0.3	15.1
Less than Once a Week	9.0	0.6	1.1	0.4	0.2	13.6
No Electric Coffee Maker	41.5	2.7	5.4	3.1	3.2	5.0
Time Electric Coffee Maker is Left On						
Turned Off Right Away	18.8	1.7	2.3	1.0	0.8	9.8
Less than 15 Minutes	10.0	0.9	1.2	0.5	0.6	13.1
15 Minutes to 1 Hour	24.6	1.1	2.0	2.2	1.3	8.6
More than 1 Hour	12.1	0.6	1.4	0.8	0.5	16.8
Electric Toaster						
Use a Electric Toaster	36.1	3.4	4.5	3.1	2.4	6.4
Three or More Times a Day	1.0	0.1	Q	0.1	Q	33.5
Two Times a Day	2.7	0.2	0.3	Q	0.2	25.0
Once a Day	8.2	0.8	1.1	0.7	0.6	14.1
A Few Times Each Week	11.9	1.1	1.3	1.2	0.9	13.1
About Once a Week	4.3	0.4	0.8	0.3	0.3	17.8
Less than Once a Week	7.9	0.7	1.0	0.7	0.4	12.1
No Electric Toaster	70.9	3.7	7.8	4.5	3.9	4.2
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	10.2	0.7	1.0	0.5	0.7	14.6
1	30.1	2.0	3.0	2.1	1.7	7.2
2	30.7	2.2	4.3	2.5	1.4	7.3
3	16.6	1.0	2.0	1.0	1.3	10.5
4	10.5	0.5	1.1	0.7	0.7	16.0
5 or More	8.8	0.6	1.0	1.0	Q	17.8
Between 4 and 12 Hours per Day						
None	30.2	2.3	3.4	1.6	1.9	7.7
1	25.2	1.8	3.7	2.3	1.5	7.4
2	25.5	1.6	3.1	1.8	1.2	7.0
3	12.7	0.6	1.1	0.7	1.0	13.8
4	7.2	0.3	0.5	0.6	0.4	18.0
5 or More	6.2	0.4	0.5	0.7	0.2	19.6
More than 12 Hours per Day						
None	81.1	5.4	10.5	5.2	4.5	3.4
1	14.4	1.1	1.4	1.2	1.1	11.9
2	6.8	0.4	0.3	0.8	0.5	19.9
3	2.4	Q	0.2	0.2	0.1	21.6
4	1.3	0.1	Q	0.2	Q	27.0
5 or More	1.1	Q	Q	Q	0.2	20.1

See footnotes at end of table.

**Table HC6-7a. Usage Indicators by Four Most Populated States,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.3	1.6	
Outdoor Lights on All Night						
Used	24.5	1.1	2.5	2.6	1.8	9.3
Not Used	82.5	6.0	9.8	5.1	4.5	2.9
Gas Fireplace						
Use a Gas Fireplace During Winter Months ..	3.7	0.4	0.6	0.4	0.1	16.2
Most Days	1.3	Q	Q	Q	Q	44.2
Almost Once a Week	1.1	Q	0.1	0.1	Q	31.4
Less Than 4 Times a Month	1.2	Q	0.3	0.2	Q	19.8
Use a Personal Computer	60.0	3.4	7.9	4.1	3.8	4.4
Hours PC Turned On Each Week						
Less Than 2 Hours	10.3	0.7	1.3	0.7	1.0	13.5
2 to 15 Hours	26.3	1.5	3.6	1.8	1.3	7.8
16 to 40 Hours	12.2	0.7	1.8	0.7	0.6	13.4
More than 40 Hours	5.7	0.3	0.6	0.5	0.5	17.8
On All The Time	5.6	0.2	0.6	0.5	0.4	25.3
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	14.0	0.5	1.7	1.0	0.7	14.5
Business Use Only	2.1	Q	0.3	0.2	0.1	21.1
Both Personal and Business	7.3	0.6	1.0	0.4	0.7	19.1
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	3.6	0.3	0.4	0.3	Q	21.3
Other Business Use	5.8	0.4	0.9	0.3	0.4	17.9
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/ Tools	47.7	3.1	4.6	3.4	2.8	6.4
How Maintained When Not in Use						
Plugged in All The Time	10.8	0.8	1.0	0.9	0.7	17.7
Recharged As Needed	33.8	2.0	3.3	2.3	2.0	8.1
Both Ways are Used	3.1	0.4	0.3	0.2	0.1	24.1
Don't Use Any	59.3	3.9	7.7	4.3	3.6	4.8

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

**Table HC6-8a. Usage Indicators by Urban/Rural Location,
Million U.S. Households, 2001**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Total	107.0	49.9	18.0	21.2	17.9	4.1
Weekday Home Activities						
Home Used for Business						
Yes	7.6	2.7	1.2	1.9	1.8	11.7
No	99.4	47.2	16.8	19.3	16.1	4.3
Energy-Intensive Activity						
Yes	1.7	0.6	0.3	0.2	0.6	22.8
No	105.2	49.2	17.7	21.0	17.3	4.1
Someone Home All Day						
Yes	53.0	23.8	8.9	10.7	9.7	4.5
No	53.9	26.0	9.1	10.6	8.2	4.9
Heating						
Heat Home	106.0	49.1	18.0	21.2	17.8	4.1
Do Not Heat Home	1.0	0.7	0.1	0.1	0.1	25.8
No Heating Equipment	0.5	0.4	0.1	Q	0.1	33.0
Have Equipment But Do Not Use It	0.4	0.3	Q	Q	Q	33.7
Adequacy of Insulation						
Well Insulated	42.6	18.2	6.9	8.8	8.7	5.4
Adequately Insulated	43.1	20.5	6.9	9.4	6.3	5.5
Poorly Insulated	19.4	10.1	3.9	2.8	2.6	7.8
No Insulation	0.9	0.4	0.2	0.1	0.1	27.7
Don't Know	0.9	0.6	0.2	Q	Q	29.4
Occurrences of Drafts During Winter						
Never	5.9	3.0	1.3	1.0	0.6	13.5
Some of the Time	6.4	3.3	1.1	0.9	1.1	11.8
Most of the Time	34.6	16.4	6.1	6.4	5.8	6.1
All of the Time	55.3	24.3	8.8	12.2	9.9	5.0
Don't Know	4.7	2.9	0.6	0.8	0.5	14.1
Thermostat						
Heat Home	106.0	49.1	18.0	21.2	17.8	4.1
Thermostat Available During Heating Season	91.5	40.7	16.0	19.6	15.2	4.4
Programmable ²						
Yes	25.1	11.2	3.9	6.9	3.0	7.8
No	66.4	29.4	12.1	12.7	12.2	5.1
No Thermostat	14.5	8.4	2.0	1.5	2.5	9.9
Do Not Heat Home	1.0	0.7	0.1	0.1	0.1	25.8
Lower Winter Temperature Settings²						
Daytime When No One is at Home						
Yes	47.2	20.8	8.7	10.4	7.3	5.0
No	48.5	22.0	7.9	9.2	9.3	5.6
Unknown	10.3	6.3	1.4	1.6	1.1	11.0
During Sleeping Hours						
Yes	45.7	20.2	8.4	9.7	7.5	5.3
No	51.1	23.2	8.4	10.3	9.3	4.9
Unknown	9.2	5.8	1.2	1.2	1.0	12.3

See footnotes at end of table.

Table HC6-8a. Usage Indicators by Urban/Rural Location, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Daytime Winter Temperature When Someone is at Home²						
Heat Turned On	96.8	43.3	16.7	19.9	16.8	4.3
63 Degrees or Less	3.9	2.0	0.8	0.5	0.6	14.3
64 to 66 Degrees	8.4	4.2	1.4	1.4	1.3	11.0
67 to 69 Degrees	23.6	9.2	4.0	5.9	4.6	6.6
70 Degrees	25.7	11.6	4.8	4.9	4.3	6.6
71 to 73 Degrees	16.5	7.0	2.8	3.6	3.0	8.4
74 Degrees or More	18.6	9.3	2.8	3.5	2.9	7.8
Heat Turned Off	2.0	1.2	0.4	0.3	0.1	21.6
Unknown/No Answer	7.2	4.5	0.9	0.9	0.9	13.9
Daytime Winter Temperature When No One is at Home²						
Heat Turned On	87.6	37.8	15.7	18.1	16.0	4.0
63 Degrees or Less	17.7	7.7	3.6	3.2	3.2	8.7
64 to 66 Degrees	17.2	6.9	3.6	3.8	2.9	7.8
67 to 69 Degrees	19.1	7.9	2.9	4.6	3.7	7.9
70 Degrees	15.1	6.6	2.9	2.8	2.8	8.5
71 to 73 Degrees	8.7	3.7	1.3	1.8	1.9	10.5
74 Degrees or More	9.8	4.9	1.4	1.9	1.5	11.0
Heat Turned Off	10.5	6.5	1.3	1.8	0.9	12.5
Unknown/No Answer	8.0	4.8	1.0	1.2	1.0	11.9
Winter Temperature During Sleeping Hours²						
Heat Turned On	91.8	39.8	16.3	19.1	16.5	4.3
63 Degrees or Less	15.4	6.7	3.3	2.7	2.8	9.0
64 to 66 Degrees	17.4	7.2	3.5	3.4	3.2	7.7
67 to 69 Degrees	21.0	8.2	3.5	5.2	4.1	6.9
70 Degrees	17.4	7.6	3.0	3.8	3.1	7.7
71 to 73 Degrees	9.5	4.4	1.4	1.9	1.8	11.2
74 Degrees or More	11.1	5.8	1.5	2.2	1.6	10.4
Heat Turned Off	7.1	4.7	0.8	1.1	0.4	13.4
Unknown/No Answer	7.1	4.5	0.9	0.9	0.8	13.7
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	58.6	24.3	8.7	16.1	9.6	5.1
All Summer	28.4	11.7	3.9	7.8	5.0	7.2
Quite a Bit	12.1	4.5	1.7	3.9	1.9	9.1
Only a Few Times	16.8	7.2	3.1	4.1	2.4	9.0
Not at All	1.4	0.8	Q	0.3	0.2	24.1
No Central System	48.4	25.6	9.3	5.1	8.3	5.6
Window/Wall Air-Conditioning						
Use Window/Wall Units	25.1	12.9	5.0	3.1	4.1	7.2
All Summer	4.9	2.5	1.1	0.4	0.9	13.9
Quite a Bit	5.2	2.8	0.8	0.6	1.0	14.4
Only a Few Times	14.1	7.0	3.0	2.0	2.1	8.2
Not at All	0.9	0.6	Q	0.1	0.1	28.4
No Window/Wall Units	81.9	36.9	13.0	18.2	13.8	3.9

See footnotes at end of table.

**Table HC6-8a. Usage Indicators by Urban/Rural Location,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Urban/Rural Location ¹					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
	0.5	0.8	1.4	1.3	1.4	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	56.7	22.7	8.6	15.7	9.6	4.7
Less Than Once a Week	9.4	4.2	1.4	2.6	1.2	9.5
Once Each Week	7.5	3.5	1.2	1.7	1.1	11.8
2 to 3 Times	17.8	7.5	2.5	5.0	2.9	8.0
4 to 6 Times	11.7	3.9	2.0	3.7	2.1	9.3
At Least Once Each Day	10.4	3.6	1.6	2.8	2.4	9.5
No Dishwasher	50.3	27.1	9.4	5.5	8.3	5.6
Loads of Laundry Washed Each Week						
Use a Clothes Washer	84.1	34.5	14.6	18.6	16.4	4.0
1 Load or Less	6.8	3.4	1.4	1.0	1.1	11.3
2 to 9 Loads	65.1	26.4	11.2	15.1	12.4	4.5
10 to 15 Loads	9.6	3.9	1.5	2.0	2.2	9.3
More than 15 Loads	2.7	0.8	0.6	0.5	0.8	17.7
No Washing Machine	22.9	15.4	3.4	2.7	1.4	9.6
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	6.2	2.8	0.9	1.2	1.4	11.7
Warm	49.7	19.7	9.1	11.6	9.4	4.8
Cold	28.2	12.0	4.7	5.8	5.7	6.9
Rinse Cycle						
Hot	1.4	0.7	0.1	0.2	0.3	27.0
Warm	16.6	7.6	3.0	3.2	2.9	9.1
Cold	66.1	26.2	11.5	15.1	13.2	4.6
No Washing Machine	22.9	15.4	3.4	2.7	1.4	9.6
Clothes Dryer						
Use a Clothes Dryer	78.8	31.4	13.7	18.1	15.6	4.2
Every Time Clothes are Washed	63.5	25.9	10.5	15.4	11.7	4.4
Some, but not All, Loads	12.7	4.5	2.4	2.4	3.4	9.2
Used Infrequently	2.7	1.1	0.7	0.2	0.6	18.4
No Clothes Dryer	28.2	18.4	4.4	3.2	2.2	8.5
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	7.5	3.9	1.2	1.1	1.3	12.3
2 Times a Day	26.8	12.5	4.9	5.0	4.4	6.5
Once a Day	43.3	18.3	7.3	9.7	8.1	5.2
A Few Times Each Week	21.7	11.1	3.3	4.3	3.1	7.9
About Once a Week	4.0	2.2	0.7	0.5	0.5	15.2
Less Than Once a Week	2.4	1.3	0.4	0.4	0.3	19.1
No Hot Meals Cooked	1.2	0.5	0.2	Q	0.2	29.8
Conventional Oven						
Use a Conventional Oven	99.4	46.5	17.3	19.3	16.3	4.2
More Than Once a Day	8.6	4.0	1.7	1.6	1.3	11.7
Once a Day	17.4	7.7	3.0	3.4	3.3	7.6
Between Once a Day and						
Once a Week	33.1	14.5	5.5	7.4	5.7	6.1
Once a Week	15.6	7.5	2.4	3.0	2.8	8.2
Less Than Once a Week	24.6	12.8	4.7	3.8	3.3	7.3
Do Not Use	7.6	3.4	0.8	1.9	1.6	12.6

See footnotes at end of table.

**Table HC6-8a. Usage Indicators by Urban/Rural Location,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Microwave Oven						
Use a Microwave Oven	92.1	41.0	15.9	18.9	16.4	3.8
Most or All	8.2	4.4	1.3	1.4	1.0	11.2
About Half	19.3	8.9	3.2	4.2	3.0	8.2
Some or Very Little	22.4	9.4	3.9	4.9	4.2	7.0
For Defrosting, Reheating, or Snacks	42.2	18.3	7.4	8.4	8.1	5.5
No Microwave Oven	14.8	8.9	2.2	2.3	1.5	10.3
Electric Coffee Maker						
Use an Electric Coffee Maker	65.5	27.2	11.4	14.5	12.4	4.3
Three or More Times a Day	2.4	0.9	0.5	0.4	0.6	18.0
Two Times a Day	5.9	2.3	1.1	1.3	1.3	12.2
Once a Day	33.6	13.2	6.0	7.6	6.8	5.6
A Few Times Each Week	9.4	4.6	1.5	1.8	1.6	9.8
About Once a Week	5.2	2.3	0.8	1.4	0.7	12.1
Less than Once a Week	9.0	3.9	1.5	2.1	1.4	9.5
No Electric Coffee Maker	41.5	22.7	6.6	6.7	5.4	6.1
Time Electric Coffee Maker is Left On						
Turned Off Right Away	18.8	8.0	3.3	3.9	3.6	7.3
Less than 15 Minutes	10.0	4.1	1.8	2.5	1.7	9.1
15 Minutes to 1 Hour	24.6	10.2	3.9	6.2	4.4	6.9
More than 1 Hour	12.1	4.9	2.5	2.0	2.8	10.0
Electric Toaster						
Use a Electric Toaster	36.1	17.4	6.1	7.1	5.5	6.1
Three or More Times a Day	1.0	0.6	0.2	0.2	0.2	30.0
Two Times a Day	2.7	1.4	0.4	0.6	0.3	19.4
Once a Day	8.2	3.7	1.4	1.8	1.4	10.9
A Few Times Each Week	11.9	6.1	2.0	2.4	1.5	9.5
About Once a Week	4.3	2.1	0.8	0.7	0.7	13.9
Less than Once a Week	7.9	3.6	1.4	1.5	1.4	10.8
No Electric Toaster	70.9	32.5	12.0	14.1	12.4	4.2
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	10.2	5.0	1.7	1.8	1.7	11.0
1	30.1	15.4	4.9	5.3	4.6	6.3
2	30.7	14.9	5.0	5.7	5.1	6.4
3	16.6	6.5	3.1	4.0	3.0	8.4
4	10.5	4.4	1.9	2.2	1.9	10.5
5 or More	8.8	3.6	1.4	2.3	1.6	11.1
Between 4 and 12 Hours per Day						
None	30.2	15.0	5.4	5.0	4.9	7.5
1	25.2	12.3	4.2	4.8	3.9	6.8
2	25.5	12.3	4.2	4.7	4.3	6.5
3	12.7	5.3	1.9	3.1	2.4	8.9
4	7.2	2.9	1.5	1.6	1.2	10.8
5 or More	6.2	2.1	0.9	2.1	1.1	13.8
More than 12 Hours per Day						
None	81.1	38.2	13.9	15.9	13.2	4.4
1	14.4	6.7	2.1	3.2	2.5	9.0
2	6.8	3.2	1.3	1.1	1.2	12.7
3	2.4	0.9	0.4	0.4	0.6	23.5
4	1.3	0.6	0.2	0.3	0.2	27.3
5 or More	1.1	0.3	0.2	0.4	0.2	26.5

See footnotes at end of table.

**Table HC6-8a. Usage Indicators by Urban/Rural Location,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Outdoor Lights on All Night						
Used	24.5	10.3	3.6	5.0	5.6	7.7
Not Used	82.5	39.5	14.5	16.2	12.3	4.0
Gas Fireplace						
Use a Gas Fireplace During Winter Months ..	3.7	1.4	0.6	1.0	0.7	16.5
Most Days	1.3	0.5	0.3	0.1	0.4	30.2
Almost Once a Week	1.1	0.3	0.2	0.5	0.1	30.2
Less Than 4 Times a Month	1.2	0.6	0.1	0.4	0.1	28.6
Use a Personal Computer	60.0	25.6	9.3	15.0	10.1	4.7
Hours PC Turned On Each Week						
Less Than 2 Hours	10.3	4.4	1.6	2.3	2.0	9.8
2 to 15 Hours	26.3	11.6	4.3	6.1	4.3	6.3
16 to 40 Hours	12.2	4.9	1.9	3.2	2.2	9.9
More than 40 Hours	5.7	2.4	0.7	1.8	0.8	13.2
On All The Time	5.6	2.3	0.8	1.5	0.9	13.6
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	14.0	5.8	2.1	3.5	2.6	9.6
Business Use Only	2.1	0.7	0.4	0.7	0.3	19.0
Both Personal and Business	7.3	3.0	1.0	2.4	1.0	12.3
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	3.6	1.1	0.5	1.6	0.4	17.5
Other Business Use	5.8	2.6	0.8	1.5	0.9	12.8
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/ Tools	47.7	18.7	8.0	11.5	9.4	5.5
How Maintained When Not in Use						
Plugged in All The Time	10.8	4.0	1.8	2.9	2.1	10.8
Recharged As Needed	33.8	13.6	5.6	7.7	6.8	6.1
Both Ways are Used	3.1	1.1	0.6	0.9	0.5	16.1
Don't Use Any	59.3	31.2	10.0	9.7	8.4	5.1

¹ Based on the household respondent's description rather than the Federal Government definition.

² 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.

**Table HC6-9a. Usage Indicators by Northeast Census Region,
Million U.S. Households, 2001**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.3	1.5	
Total	107.0	20.3	14.8	5.4	NE
Weekday Home Activities					
Home Used for Business					
Yes	7.6	1.5	1.0	0.5	13.5
No	99.4	18.8	13.9	4.9	1.1
Energy-Intensive Activity					
Yes	1.7	0.5	0.4	Q	20.2
No	105.2	19.7	14.5	5.3	NE
Someone Home All Day					
Yes	53.0	10.3	7.9	2.4	4.2
No	53.9	10.0	7.0	3.0	4.2
Heating					
Heat Home	106.0	20.1	14.7	5.4	NE
Do Not Heat Home	1.0	Q	Q	Q	20.1
No Heating Equipment	0.5	Q	Q	Q	39.8
Have Equipment But Do Not Use It	0.4	Q	Q	Q	39.0
Adequacy of Insulation					
Well Insulated	42.6	8.5	5.9	2.5	4.5
Adequately Insulated	43.1	7.8	6.0	1.8	6.6
Poorly Insulated	19.4	3.8	2.7	1.1	9.0
No Insulation	0.9	Q	Q	Q	30.7
Don't Know	0.9	Q	Q	Q	33.6
Occurrences of Drafts During Winter					
Never	5.9	1.4	1.0	0.4	19.7
Some of the Time	6.4	1.4	1.0	0.4	13.4
Most of the Time	34.6	6.8	5.1	1.7	6.0
All of the Time	55.3	10.1	7.4	2.7	3.9
Don't Know	4.7	0.6	0.4	0.2	16.4
Thermostat					
Heat Home	106.0	20.1	14.7	5.4	NE
Thermostat Available During Heating Season	91.5	15.7	10.9	4.9	2.1
Programmable ¹					
Yes	25.1	5.0	3.7	1.3	6.1
No	66.4	10.8	7.2	3.6	3.7
No Thermostat	14.5	4.4	3.8	0.6	9.1
Do Not Heat Home	1.0	Q	Q	Q	20.1
Lower Winter Temperature Settings¹					
Daytime When No One is at Home					
Yes	47.2	7.5	5.0	2.5	5.6
No	48.5	11.2	8.7	2.6	4.5
Unknown	10.3	1.4	1.1	0.3	12.6
During Sleeping Hours					
Yes	45.7	8.9	6.3	2.5	5.1
No	51.1	10.0	7.4	2.7	4.3
Unknown	9.2	1.3	1.0	0.2	12.4

See footnotes at end of table.

**Table HC6-9a. Usage Indicators by Northeast Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.3	1.5	
Daytime Winter Temperature When Someone is at Home¹					
Heat Turned On	96.8	18.9	13.8	5.2	1.3
63 Degrees or Less	3.9	0.8	0.5	0.3	15.2
64 to 66 Degrees	8.4	2.4	1.6	0.8	12.4
67 to 69 Degrees	23.6	5.7	3.9	1.9	4.9
70 Degrees	25.7	5.1	3.9	1.3	6.1
71 to 73 Degrees	16.5	3.0	2.5	0.5	10.4
74 Degrees or More	18.6	1.9	1.5	0.4	6.8
Heat Turned Off	2.0	Q	Q	Q	21.3
Unknown/No Answer	7.2	1.2	0.9	0.2	12.0
Daytime Winter Temperature When No One is at Home¹					
Heat Turned On	87.6	18.7	13.6	5.1	1.4
63 Degrees or Less	17.7	3.8	2.3	1.5	8.5
64 to 66 Degrees	17.2	4.0	2.7	1.2	6.8
67 to 69 Degrees	19.1	4.6	3.3	1.3	6.4
70 Degrees	15.1	3.3	2.7	0.7	6.8
71 to 73 Degrees	8.7	1.7	1.5	0.2	11.3
74 Degrees or More	9.8	1.2	1.1	Q	8.0
Heat Turned Off	10.5	Q	Q	Q	14.1
Unknown/No Answer	8.0	1.4	1.1	0.3	13.0
Winter Temperature During Sleeping Hours¹					
Heat Turned On	91.8	18.8	13.7	5.1	1.2
63 Degrees or Less	15.4	3.6	2.2	1.4	7.9
64 to 66 Degrees	17.4	4.3	3.0	1.3	5.4
67 to 69 Degrees	21.0	4.9	3.5	1.3	6.4
70 Degrees	17.4	3.4	2.6	0.8	7.5
71 to 73 Degrees	9.5	1.6	1.4	0.3	13.9
74 Degrees or More	11.1	1.1	0.9	0.1	10.9
Heat Turned Off	7.1	Q	Q	Q	13.4
Unknown/No Answer	7.1	1.3	1.0	0.2	12.9
Air-Conditioning					
Central Air-Conditioning					
Use a Central System	58.6	5.7	5.0	0.8	8.6
All Summer	28.4	1.6	1.4	0.2	15.0
Quite a Bit	12.1	1.3	1.2	Q	13.5
Only a Few Times	16.8	2.8	2.4	0.4	11.7
Not at All	1.4	Q	Q	Q	28.8
No Central System	48.4	14.5	9.9	4.6	3.9
Window/Wall Air-Conditioning					
Use Window/Wall Units	25.1	8.9	6.4	2.4	5.8
All Summer	4.9	1.0	0.8	0.2	18.5
Quite a Bit	5.2	1.7	1.3	0.4	13.5
Only a Few Times	14.1	5.9	4.1	1.8	6.4
Not at All	0.9	0.2	0.2	Q	34.0
No Window/Wall Units	81.9	11.4	8.4	3.0	3.6

See footnotes at end of table.

**Table HC6-9a. Usage Indicators by Northeast Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.3	1.5	
Hot Water					
Dishwasher Use Each Week					
Use a Dishwasher	56.7	9.2	6.5	2.7	4.0
Less Than Once a Week	9.4	1.7	1.1	0.5	10.8
Once Each Week	7.5	1.1	0.8	0.4	17.0
2 to 3 Times	17.8	2.9	2.2	0.7	9.4
4 to 6 Times	11.7	1.6	1.1	0.5	13.3
At Least Once Each Day	10.4	1.8	1.3	0.5	12.2
No Dishwasher	50.3	11.0	8.3	2.7	3.7
Loads of Laundry Washed Each Week					
Use a Clothes Washer	84.1	14.7	10.7	4.0	2.8
1 Load or Less	6.8	1.5	1.1	0.3	11.5
2 to 9 Loads	65.1	11.5	8.2	3.2	4.5
10 to 15 Loads	9.6	1.4	1.0	0.4	8.6
More than 15 Loads	2.7	0.4	0.3	Q	23.8
No Washing Machine	22.9	5.5	4.2	1.4	8.1
Water Temperature Setting for Clothes Washer					
Wash Cycle					
Hot	6.2	1.4	1.0	0.4	16.0
Warm	49.7	9.4	7.2	2.2	4.7
Cold	28.2	4.0	2.5	1.4	7.2
Rinse Cycle					
Hot	1.4	0.4	Q	Q	38.7
Warm	16.6	3.2	2.3	0.9	13.3
Cold	66.1	11.2	8.1	3.1	5.3
No Washing Machine	22.9	5.5	4.2	1.4	8.1
Clothes Dryer					
Use a Clothes Dryer	78.8	13.3	9.6	3.7	3.1
Every Time Clothes are Washed	63.5	9.7	6.9	2.8	3.1
Some, but not All, Loads	12.7	2.8	2.2	0.6	8.4
Used Infrequently	2.7	0.7	0.5	0.3	20.5
No Clothes Dryer	28.2	7.0	5.3	1.7	6.6
Cooking					
Number of Hot Meals Cooked in the Home					
3 or More Times a Day	7.5	1.2	0.8	0.4	13.2
2 Times a Day	26.8	4.6	3.2	1.4	5.9
Once a Day	43.3	8.9	6.6	2.3	4.1
A Few Times Each Week	21.7	4.2	3.2	0.9	7.3
About Once a Week	4.0	0.5	0.4	0.2	16.9
Less Than Once a Week	2.4	0.6	0.4	0.2	23.1
No Hot Meals Cooked	1.2	Q	Q	Q	43.4
Conventional Oven					
Use a Conventional Oven	99.4	19.3	14.3	5.1	1.4
More Than Once a Day	8.6	1.5	1.0	0.5	12.1
Once a Day	17.4	3.3	2.3	1.1	5.7
Between Once a Day and					
Once a Week	33.1	6.4	4.7	1.8	6.5
Once a Week	15.6	2.8	2.2	0.6	8.1
Less Than Once a Week	24.6	5.3	4.1	1.2	7.8
Do Not Use	7.6	0.9	0.6	0.3	17.3

See footnotes at end of table.

Table HC6-9a. Usage Indicators by Northeast Census Region, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.3	1.5	
Microwave Oven					
Use a Microwave Oven	92.1	15.2	11.3	4.0	3.5
Most or All	8.2	1.1	1.0	0.2	9.6
About Half	19.3	2.8	1.9	0.9	10.1
Some or Very Little	22.4	3.6	2.5	1.1	7.7
For Defrosting, Reheating, or Snacks	42.2	7.7	5.9	1.8	7.1
No Microwave Oven	14.8	5.0	3.6	1.5	12.4
Electric Coffee Maker					
Use an Electric Coffee Maker	65.5	12.4	8.8	3.6	3.2
Three or More Times a Day	2.4	0.6	0.5	Q	16.2
Two Times a Day	5.9	1.4	0.9	0.5	12.5
Once a Day	33.6	6.0	4.3	1.7	5.0
A Few Times Each Week	9.4	1.7	1.2	0.5	10.5
About Once a Week	5.2	1.1	0.8	0.3	12.3
Less than Once a Week	9.0	1.6	1.1	0.5	11.3
No Electric Coffee Maker	41.5	7.9	6.0	1.9	5.2
Time Electric Coffee Maker is Left On					
Turned Off Right Away	18.8	4.9	3.6	1.3	6.9
Less than 15 Minutes	10.0	2.2	1.5	0.7	12.9
15 Minutes to 1 Hour	24.6	3.4	2.3	1.1	6.8
More than 1 Hour	12.1	1.8	1.4	0.4	15.2
Electric Toaster					
Use a Electric Toaster	36.1	8.5	6.3	2.2	6.1
Three or More Times a Day	1.0	0.3	Q	Q	28.6
Two Times a Day	2.7	0.7	0.5	0.3	19.4
Once a Day	8.2	2.1	1.6	0.5	13.3
A Few Times Each Week	11.9	2.8	2.1	0.7	10.8
About Once a Week	4.3	1.0	0.8	0.2	12.0
Less than Once a Week	7.9	1.6	1.2	0.3	10.7
No Electric Toaster	70.9	11.7	8.5	3.2	4.0
Lights					
Indoor Lights Turned On:					
1 to 4 Hours per Day					
None	10.2	1.7	1.3	0.4	12.4
1	30.1	5.8	4.4	1.4	5.5
2	30.7	6.0	4.2	1.8	6.4
3	16.6	3.2	2.4	0.8	12.9
4	10.5	1.8	1.4	0.5	13.5
5 or More	8.8	1.7	1.1	0.6	13.4
Between 4 and 12 Hours per Day					
None	30.2	6.1	4.0	2.2	6.7
1	25.2	4.5	3.5	1.1	8.0
2	25.5	4.9	4.0	0.9	5.9
3	12.7	2.3	1.7	0.5	10.7
4	7.2	1.2	0.8	0.4	13.0
5 or More	6.2	1.3	0.9	0.3	12.7
More than 12 Hours per Day					
None	81.1	16.0	11.5	4.5	1.7
1	14.4	2.8	2.2	0.7	8.7
2	6.8	0.9	0.7	0.2	15.4
3	2.4	0.3	0.3	Q	32.9
4	1.3	Q	Q	Q	29.3
5 or More	1.1	Q	Q	Q	25.4

See footnotes at end of table.

Table HC6-9a. Usage Indicators by Northeast Census Region, Million U.S. Households, 2001 (Continued)

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.3	1.5	
Outdoor Lights on All Night					
Used	24.5	3.3	2.8	0.5	10.2
Not Used	82.5	17.0	12.1	4.9	3.0
Gas Fireplace					
Use a Gas Fireplace During Winter Months ..	3.7	0.6	0.5	Q	17.0
Most Days	1.3	Q	Q	Q	36.5
Almost Once a Week	1.1	Q	Q	Q	35.5
Less Than 4 Times a Month	1.2	Q	Q	Q	30.5
Use a Personal Computer	60.0	10.9	7.7	3.3	3.1
Hours PC Turned On Each Week					
Less Than 2 Hours	10.3	1.6	1.2	0.4	9.2
2 to 15 Hours	26.3	5.3	3.7	1.6	4.1
16 to 40 Hours	12.2	2.3	1.6	0.7	9.0
More than 40 Hours	5.7	1.0	0.7	0.4	17.3
On All The Time	5.6	0.7	0.5	0.2	19.5
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	14.0	2.2	1.4	0.8	11.9
Business Use Only	2.1	0.4	0.3	0.2	23.6
Both Personal and Business	7.3	1.4	1.1	0.3	13.5
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	3.6	0.8	0.6	0.2	19.9
Other Business Use	5.8	1.1	0.8	0.3	15.1
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	47.7	9.0	6.5	2.5	6.6
How Maintained When Not in Use					
Plugged in All The Time	10.8	2.3	1.8	0.5	14.2
Recharged As Needed	33.8	6.0	4.1	1.9	7.0
Both Ways are Used	3.1	0.6	0.6	Q	18.2
Don't Use Any	59.3	11.3	8.4	2.9	5.4

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

**Table HC6-10a. Usage Indicators by Midwest Census Region,
Million U.S. Households, 2001**

Usage Indicators	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.5	
Total	107.0	24.5	17.1	7.4	NE
Weekday Home Activities					
Home Used for Business					
Yes	7.6	1.5	0.9	0.7	10.1
No	99.4	22.9	16.2	6.7	0.7
Energy-Intensive Activity					
Yes	1.7	0.5	Q	Q	23.9
No	105.2	24.0	16.8	7.2	NE
Someone Home All Day					
Yes	53.0	11.8	8.3	3.5	3.8
No	53.9	12.7	8.7	3.9	3.6
Heating					
Heat Home	106.0	24.5	17.1	7.4	NE
Do Not Heat Home	1.0	Q	Q	Q	19.0
No Heating Equipment	0.5	Q	Q	Q	37.6
Have Equipment But Do Not Use It	0.4	Q	Q	Q	36.8
Adequacy of Insulation					
Well Insulated	42.6	10.5	7.3	3.2	3.2
Adequately Insulated	43.1	9.5	6.6	2.9	3.3
Poorly Insulated	19.4	4.1	3.0	1.1	8.9
No Insulation	0.9	0.2	Q	Q	34.2
Don't Know	0.9	Q	Q	Q	31.8
Occurrences of Drafts During Winter					
Never	5.9	1.4	1.0	0.4	14.8
Some of the Time	6.4	1.3	0.9	0.4	18.2
Most of the Time	34.6	8.4	6.1	2.3	5.2
All of the Time	55.3	12.3	8.4	3.9	2.6
Don't Know	4.7	1.2	0.7	0.5	10.7
Thermostat					
Heat Home	106.0	24.5	17.1	7.4	NE
Thermostat Available During Heating Season	91.5	22.6	15.6	7.0	1.6
Programmable ¹					
Yes	25.1	7.1	4.8	2.3	10.3
No	66.4	15.5	10.8	4.7	4.2
No Thermostat	14.5	1.9	1.5	0.4	16.6
Do Not Heat Home	1.0	Q	Q	Q	19.0
Lower Winter Temperature Settings¹					
Daytime When No One is at Home					
Yes	47.2	10.2	6.9	3.3	5.0
No	48.5	12.1	8.7	3.4	4.2
Unknown	10.3	2.1	1.5	0.7	9.5
During Sleeping Hours					
Yes	45.7	9.4	6.3	3.1	4.9
No	51.1	13.1	9.5	3.6	4.1
Unknown	9.2	2.0	1.3	0.7	10.5

See footnotes at end of table.

**Table HC6-10a. Usage Indicators by Midwest Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.5	
Daytime Winter Temperature When Someone is at Home¹					
Heat Turned On	96.8	22.5	15.8	6.7	1.0
63 Degrees or Less	3.9	0.8	0.7	0.2	20.7
64 to 66 Degrees	8.4	1.4	1.0	0.4	10.0
67 to 69 Degrees	23.6	6.4	4.4	2.0	6.0
70 Degrees	25.7	5.8	4.1	1.7	7.1
71 to 73 Degrees	16.5	4.4	3.1	1.3	6.5
74 Degrees or More	18.6	3.6	2.4	1.2	10.1
Heat Turned Off	2.0	Q	Q	Q	20.1
Unknown/No Answer	7.2	1.9	1.2	0.7	11.9
Daytime Winter Temperature When No One is at Home¹					
Heat Turned On	87.6	22.2	15.5	6.7	1.1
63 Degrees or Less	17.7	3.8	2.5	1.3	8.8
64 to 66 Degrees	17.2	4.6	3.2	1.4	8.7
67 to 69 Degrees	19.1	5.6	3.9	1.8	8.4
70 Degrees	15.1	3.7	2.9	0.8	8.8
71 to 73 Degrees	8.7	2.6	1.9	0.7	8.1
74 Degrees or More	9.8	1.8	1.1	0.7	16.3
Heat Turned Off	10.5	0.3	0.2	Q	19.6
Unknown/No Answer	8.0	2.0	1.4	0.7	10.6
Winter Temperature During Sleeping Hours¹					
Heat Turned On	91.8	22.5	15.8	6.7	0.9
63 Degrees or Less	15.4	2.7	1.8	0.8	12.7
64 to 66 Degrees	17.4	4.1	2.8	1.3	7.9
67 to 69 Degrees	21.0	6.6	4.5	2.1	6.3
70 Degrees	17.4	4.4	3.4	1.1	7.3
71 to 73 Degrees	9.5	2.6	1.9	0.7	12.0
74 Degrees or More	11.1	2.1	1.4	0.7	12.9
Heat Turned Off	7.1	Q	Q	Q	12.7
Unknown/No Answer	7.1	1.9	1.2	0.7	11.4
Air-Conditioning					
Central Air-Conditioning					
Use a Central System	58.6	14.4	9.6	4.8	3.8
All Summer	28.4	4.4	2.4	2.0	9.4
Quite a Bit	12.1	3.9	3.0	0.9	9.6
Only a Few Times	16.8	6.0	4.2	1.9	7.0
Not at All	1.4	Q	Q	Q	27.2
No Central System	48.4	10.1	7.5	2.6	5.5
Window/Wall Air-Conditioning					
Use Window/Wall Units	25.1	6.2	4.1	2.1	7.3
All Summer	4.9	1.1	0.6	0.5	17.2
Quite a Bit	5.2	1.1	0.8	0.3	17.3
Only a Few Times	14.1	3.8	2.6	1.2	7.8
Not at All	0.9	Q	Q	Q	31.7
No Window/Wall Units	81.9	18.3	13.0	5.3	2.4

See footnotes at end of table.

**Table HC6-10a. Usage Indicators by Midwest Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.5	
Hot Water					
Dishwasher Use Each Week					
Use a Dishwasher	56.7	12.1	8.0	4.2	4.8
Less Than Once a Week	9.4	1.5	0.8	0.7	11.5
Once Each Week	7.5	1.6	1.2	0.4	15.4
2 to 3 Times	17.8	3.7	2.7	1.1	12.2
4 to 6 Times	11.7	2.5	1.5	1.1	11.8
At Least Once Each Day	10.4	2.8	1.8	1.0	11.3
No Dishwasher	50.3	12.3	9.1	3.2	5.1
Loads of Laundry Washed Each Week					
Use a Clothes Washer	84.1	19.8	13.4	6.4	2.0
1 Load or Less	6.8	1.3	0.9	0.3	12.8
2 to 9 Loads	65.1	14.6	9.9	4.7	3.0
10 to 15 Loads	9.6	3.0	2.0	1.0	8.7
More than 15 Loads	2.7	0.9	0.6	0.3	15.1
No Washing Machine	22.9	4.7	3.7	1.0	8.5
Water Temperature Setting for Clothes Washer					
Wash Cycle					
Hot	6.2	1.4	1.1	0.2	10.3
Warm	49.7	12.6	8.4	4.2	3.3
Cold	28.2	5.8	3.9	1.9	6.0
Rinse Cycle					
Hot	1.4	Q	Q	Q	33.9
Warm	16.6	4.3	3.1	1.2	6.5
Cold	66.1	15.3	10.2	5.1	2.9
No Washing Machine	22.9	4.7	3.7	1.0	8.5
Clothes Dryer					
Use a Clothes Dryer	78.8	19.2	13.0	6.2	2.1
Every Time Clothes are Washed	63.5	15.5	10.7	4.8	3.0
Some, but not All, Loads	12.7	3.2	1.9	1.3	7.9
Used Infrequently	2.7	0.6	0.4	Q	25.4
No Clothes Dryer	28.2	5.3	4.1	1.2	7.7
Cooking					
Number of Hot Meals Cooked in the Home					
3 or More Times a Day	7.5	2.0	1.4	0.6	13.6
2 Times a Day	26.8	5.9	4.2	1.7	5.9
Once a Day	43.3	10.3	7.0	3.3	4.9
A Few Times Each Week	21.7	4.7	3.4	1.3	9.0
About Once a Week	4.0	0.9	0.6	0.3	22.1
Less Than Once a Week	2.4	0.4	0.3	Q	23.5
No Hot Meals Cooked	1.2	0.3	Q	Q	42.8
Conventional Oven					
Use a Conventional Oven	99.4	23.6	16.5	7.1	0.8
More Than Once a Day	8.6	2.0	1.6	0.4	9.6
Once a Day	17.4	4.2	2.8	1.4	7.8
Between Once a Day and					
Once a Week	33.1	8.6	6.1	2.5	6.0
Once a Week	15.6	3.9	2.9	1.0	8.2
Less Than Once a Week	24.6	4.8	3.0	1.7	6.5
Do Not Use	7.6	0.9	0.6	0.3	18.4

See footnotes at end of table.

**Table HC6-10a. Usage Indicators by Midwest Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.5	
Microwave Oven					
Use a Microwave Oven	92.1	22.3	15.4	6.9	1.1
Most or All	8.2	1.8	1.2	0.6	10.5
About Half	19.3	5.7	4.1	1.6	6.7
Some or Very Little	22.4	5.5	4.0	1.4	7.1
For Defrosting, Reheating, or Snacks	42.2	9.3	6.0	3.3	4.5
No Microwave Oven	14.8	2.2	1.7	0.5	10.2
Electric Coffee Maker					
Use an Electric Coffee Maker	65.5	16.1	11.0	5.1	2.5
Three or More Times a Day	2.4	0.5	0.4	Q	22.7
Two Times a Day	5.9	1.1	0.9	0.2	20.9
Once a Day	33.6	8.3	5.7	2.6	4.4
A Few Times Each Week	9.4	2.2	1.5	0.7	7.7
About Once a Week	5.2	1.5	1.0	0.5	16.0
Less than Once a Week	9.0	2.5	1.6	1.0	9.3
No Electric Coffee Maker	41.5	8.3	6.1	2.3	4.8
Time Electric Coffee Maker is Left On					
Turned Off Right Away	18.8	3.9	2.7	1.2	8.0
Less than 15 Minutes	10.0	1.9	1.4	0.6	7.8
15 Minutes to 1 Hour	24.6	6.7	4.5	2.2	6.1
More than 1 Hour	12.1	3.7	2.5	1.2	8.4
Electric Toaster					
Use a Electric Toaster	36.1	5.5	3.8	1.7	6.1
Three or More Times a Day	1.0	Q	Q	Q	31.5
Two Times a Day	2.7	0.4	0.3	Q	18.8
Once a Day	8.2	1.1	0.7	0.4	14.1
A Few Times Each Week	11.9	1.8	1.3	0.5	11.1
About Once a Week	4.3	0.6	0.3	0.3	18.7
Less than Once a Week	7.9	1.5	1.1	0.4	10.4
No Electric Toaster	70.9	19.0	13.3	5.7	2.0
Lights					
Indoor Lights Turned On:					
1 to 4 Hours per Day					
None	10.2	2.6	1.8	0.9	13.5
1	30.1	7.2	5.2	1.9	5.9
2	30.7	6.8	4.7	2.0	6.1
3	16.6	3.5	2.5	1.0	8.0
4	10.5	2.5	1.6	0.9	15.3
5 or More	8.8	1.9	1.2	0.7	16.1
Between 4 and 12 Hours per Day					
None	30.2	7.2	4.9	2.3	11.6
1	25.2	5.3	3.6	1.6	6.5
2	25.5	5.4	3.8	1.6	8.1
3	12.7	3.4	2.4	1.0	10.3
4	7.2	1.7	1.3	0.4	7.1
5 or More	6.2	1.5	1.0	0.5	13.8
More than 12 Hours per Day					
None	81.1	19.4	13.3	6.1	2.8
1	14.4	3.0	2.4	0.6	11.4
2	6.8	1.3	0.8	0.4	20.5
3	2.4	0.4	0.3	Q	23.5
4	1.3	Q	Q	Q	27.7
5 or More	1.1	0.2	Q	Q	27.4

See footnotes at end of table.

**Table HC6-10a. Usage Indicators by Midwest Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.5	
Outdoor Lights on All Night					
Used	24.5	5.3	3.9	1.4	8.1
Not Used	82.5	19.2	13.2	6.0	2.2
Gas Fireplace					
Use a Gas Fireplace During Winter Months ..	3.7	0.7	0.6	Q	20.7
Most Days	1.3	0.2	Q	Q	33.1
Almost Once a Week	1.1	Q	Q	Q	33.5
Less Than 4 Times a Month	1.2	0.3	Q	Q	30.7
Use a Personal Computer	60.0	14.1	9.9	4.2	3.7
Hours PC Turned On Each Week					
Less Than 2 Hours	10.3	2.5	1.8	0.7	10.6
2 to 15 Hours	26.3	5.8	4.0	1.8	6.3
16 to 40 Hours	12.2	2.8	2.2	0.6	10.0
More than 40 Hours	5.7	1.4	0.8	0.6	16.5
On All The Time	5.6	1.5	1.1	0.5	12.4
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	14.0	4.0	2.8	1.2	8.8
Business Use Only	2.1	0.3	Q	Q	24.9
Both Personal and Business	7.3	1.5	1.0	0.5	13.8
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	3.6	0.6	0.4	Q	16.4
Other Business Use	5.8	1.1	0.8	0.4	16.3
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/ Tools	47.7	12.5	8.7	3.7	3.2
How Maintained When Not in Use					
Plugged in All The Time	10.8	2.7	1.9	0.8	9.2
Recharged As Needed	33.8	8.8	6.2	2.6	3.6
Both Ways are Used	3.1	1.0	0.7	0.3	15.3
Don't Use Any	59.3	12.0	8.4	3.7	3.1

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

**Table HC6-11a. Usage Indicators by South Census Region,
Million U.S. Households, 2001**

Usage Indicators	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West South Central	
RSE Column Factor:	0.5	0.9	1.2	1.4	1.5	
Total	107.0	38.9	20.3	6.8	11.8	NE
Weekday Home Activities						
Home Used for Business						
Yes	7.6	2.6	1.8	0.4	0.5	18.8
No	99.4	36.3	18.5	6.5	11.3	1.3
Energy-Intensive Activity						
Yes	1.7	0.4	Q	Q	Q	36.7
No	105.2	38.6	20.1	6.8	11.7	NE
Someone Home All Day						
Yes	53.0	19.0	9.4	3.8	5.8	3.0
No	53.9	19.9	11.0	3.1	5.9	3.1
Heating						
Heat Home	106.0	38.8	20.2	6.8	11.8	NE
Do Not Heat Home	1.0	Q	Q	Q	Q	20.6
No Heating Equipment	0.5	Q	Q	Q	Q	40.9
Have Equipment But Do Not Use It	0.4	Q	Q	Q	Q	40.0
Adequacy of Insulation						
Well Insulated	42.6	15.8	8.3	3.0	4.5	4.9
Adequately Insulated	43.1	16.3	8.5	2.7	5.1	4.9
Poorly Insulated	19.4	6.4	3.2	1.1	2.1	6.3
No Insulation	0.9	Q	Q	Q	Q	31.5
Don't Know	0.9	Q	Q	Q	Q	34.6
Occurrences of Drafts During Winter						
Never	5.9	1.9	0.9	0.3	0.7	16.0
Some of the Time	6.4	2.0	1.1	0.2	0.7	13.5
Most of the Time	34.6	11.5	6.3	1.7	3.4	7.1
All of the Time	55.3	21.9	11.2	4.3	6.3	4.5
Don't Know	4.7	1.7	0.8	0.3	0.6	15.2
Thermostat						
Heat Home	106.0	38.8	20.2	6.8	11.8	NE
Thermostat Available During Heating Season	91.5	34.3	18.2	5.9	10.2	1.7
Programmable ¹						
Yes	25.1	6.9	3.5	0.8	2.5	10.6
No	66.4	27.4	14.6	5.1	7.7	3.7
No Thermostat	14.5	4.5	2.0	0.9	1.6	11.5
Do Not Heat Home	1.0	Q	Q	Q	Q	20.6
Lower Winter Temperature Settings¹						
Daytime When No One is at Home						
Yes	47.2	16.4	8.7	2.6	5.2	5.3
No	48.5	18.8	9.9	3.7	5.2	5.5
Unknown	10.3	3.5	1.5	0.5	1.4	14.1
During Sleeping Hours						
Yes	45.7	14.8	7.6	2.4	4.9	5.1
No	51.1	20.9	11.2	4.0	5.7	4.3
Unknown	9.2	3.1	1.4	0.5	1.2	14.6

See footnotes at end of table.

**Table HC6-11a. Usage Indicators by South Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West South Central	
RSE Column Factor:	0.5	0.9	1.2	1.4	1.5	
Daytime Winter Temperature When Someone is at Home¹						
Heat Turned On	96.8	35.7	18.9	6.3	10.5	1.4
63 Degrees or Less	3.9	0.7	0.4	0.2	Q	21.9
64 to 66 Degrees	8.4	2.0	1.2	0.3	0.5	17.5
67 to 69 Degrees	23.6	6.7	3.7	1.3	1.7	6.3
70 Degrees	25.7	9.5	5.4	1.6	2.4	7.8
71 to 73 Degrees	16.5	6.7	3.6	1.2	1.9	9.8
74 Degrees or More	18.6	10.1	4.5	1.6	4.0	6.8
Heat Turned Off	2.0	0.5	Q	Q	Q	27.7
Unknown/No Answer	7.2	2.6	1.0	0.4	1.1	15.9
Daytime Winter Temperature When No One is at Home¹						
Heat Turned On	87.6	32.8	17.4	5.8	9.6	2.8
63 Degrees or Less	17.7	5.3	2.9	0.7	1.7	14.0
64 to 66 Degrees	17.2	5.4	3.2	0.8	1.3	10.3
67 to 69 Degrees	19.1	6.4	3.4	1.4	1.6	9.6
70 Degrees	15.1	6.2	3.2	1.1	1.9	9.1
71 to 73 Degrees	8.7	3.6	1.9	0.9	0.8	11.0
74 Degrees or More	9.8	5.9	2.8	0.9	2.3	10.5
Heat Turned Off	10.5	3.1	1.5	0.5	1.1	21.3
Unknown/No Answer	8.0	2.8	1.3	0.5	1.1	13.6
Winter Temperature During Sleeping Hours¹						
Heat Turned On	91.8	34.9	18.3	6.2	10.4	1.7
63 Degrees or Less	15.4	4.1	2.2	0.5	1.4	14.7
64 to 66 Degrees	17.4	5.4	3.1	0.9	1.3	8.9
67 to 69 Degrees	21.0	6.8	3.5	1.4	2.0	7.0
70 Degrees	17.4	7.5	4.0	1.5	2.0	7.5
71 to 73 Degrees	9.5	4.6	2.6	0.9	1.0	11.1
74 Degrees or More	11.1	6.5	2.9	0.9	2.7	10.5
Heat Turned Off	7.1	1.4	0.7	0.2	0.5	21.7
Unknown/No Answer	7.1	2.5	1.1	0.5	1.0	15.8
Air-Conditioning						
Central Air-Conditioning						
Use a Central System	58.6	30.7	16.4	5.1	9.3	2.6
All Summer	28.4	20.7	10.3	3.5	6.9	4.5
Quite a Bit	12.1	5.5	3.0	0.8	1.7	8.7
Only a Few Times	16.8	4.1	2.8	0.7	0.6	11.0
Not at All	1.4	0.5	0.4	Q	Q	30.9
No Central System	48.4	8.2	3.9	1.8	2.5	7.5
Window/Wall Air-Conditioning						
Use Window/Wall Units	25.1	7.0	3.2	1.5	2.4	8.8
All Summer	4.9	2.5	0.9	0.7	1.0	14.4
Quite a Bit	5.2	1.9	0.9	0.3	0.7	16.2
Only a Few Times	14.1	2.5	1.4	0.5	0.7	13.9
Not at All	0.9	Q	Q	Q	Q	34.4
No Window/Wall Units	81.9	31.9	17.2	5.3	9.4	2.1

See footnotes at end of table.

**Table HC6-11a. Usage Indicators by South Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West South Central	
RSE Column Factor:	0.5	0.9	1.2	1.4	1.5	
Hot Water						
Dishwasher Use Each Week						
Use a Dishwasher	56.7	22.1	11.7	3.5	6.9	3.5
Less Than Once a Week	9.4	3.9	2.3	0.4	1.2	10.5
Once Each Week	7.5	2.8	1.6	0.5	0.7	16.5
2 to 3 Times	17.8	6.6	3.3	0.9	2.4	8.0
4 to 6 Times	11.7	4.9	2.7	0.9	1.3	10.0
At Least Once Each Day	10.4	3.9	1.8	0.7	1.3	11.7
No Dishwasher	50.3	16.9	8.6	3.4	4.9	4.3
Loads of Laundry Washed Each Week						
Use a Clothes Washer	84.1	32.7	17.2	5.9	9.6	2.5
1 Load or Less	6.8	2.2	1.6	0.3	0.3	14.2
2 to 9 Loads	65.1	25.9	13.7	4.6	7.7	2.7
10 to 15 Loads	9.6	3.6	1.5	0.7	1.3	9.7
More than 15 Loads	2.7	1.0	0.3	0.3	0.3	22.8
No Washing Machine	22.9	6.2	3.1	0.9	2.2	12.5
Water Temperature Setting for Clothes Washer						
Wash Cycle						
Hot	6.2	2.3	1.2	0.4	0.7	12.0
Warm	49.7	17.3	8.5	3.0	5.8	5.0
Cold	28.2	13.0	7.5	2.4	3.1	6.0
Rinse Cycle						
Hot	1.4	0.6	0.3	Q	Q	35.1
Warm	16.6	6.0	3.2	1.2	1.5	10.7
Cold	66.1	26.1	13.6	4.6	7.9	3.5
No Washing Machine	22.9	6.2	3.1	0.9	2.2	12.5
Clothes Dryer						
Use a Clothes Dryer	78.8	30.3	15.5	5.6	9.2	2.9
Every Time Clothes are Washed	63.5	25.3	12.7	4.6	8.0	3.4
Some, but not All, Loads	12.7	4.2	2.4	0.8	1.1	10.4
Used Infrequently	2.7	0.7	0.4	0.2	Q	21.4
No Clothes Dryer	28.2	8.7	4.8	1.2	2.6	10.0
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	7.5	2.4	1.3	Q	1.0	15.3
2 Times a Day	26.8	9.7	5.5	1.7	2.5	8.1
Once a Day	43.3	14.7	7.6	2.6	4.5	5.6
A Few Times Each Week	21.7	8.8	4.4	1.6	2.7	6.9
About Once a Week	4.0	2.0	1.1	0.4	0.4	12.7
Less Than Once a Week	2.4	1.1	Q	0.4	0.5	18.7
No Hot Meals Cooked	1.2	0.3	Q	Q	Q	38.2
Conventional Oven						
Use a Conventional Oven	99.4	35.0	18.9	6.1	10.0	1.9
More Than Once a Day	8.6	3.6	2.1	0.7	0.8	14.4
Once a Day	17.4	6.8	3.6	1.5	1.6	8.0
Between Once a Day and						
Once a Week	33.1	11.2	5.8	2.2	3.3	5.9
Once a Week	15.6	5.6	3.0	0.7	1.9	8.0
Less Than Once a Week	24.6	7.9	4.4	1.1	2.4	10.2
Do Not Use	7.6	3.9	1.4	0.7	1.8	16.7

See footnotes at end of table.

**Table HC6-11a. Usage Indicators by South Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West South Central	
RSE Column Factor:	0.5	0.9	1.2	1.4	1.5	
Microwave Oven						
Use a Microwave Oven	92.1	34.7	17.9	6.2	10.6	1.6
Most or All	8.2	2.8	1.5	0.4	0.9	12.9
About Half	19.3	6.4	3.4	0.9	2.1	9.5
Some or Very Little	22.4	8.7	4.5	1.5	2.7	7.0
For Defrosting, Reheating, or Snacks	42.2	16.7	8.5	3.3	4.9	5.5
No Microwave Oven	14.8	4.2	2.4	0.6	1.2	13.1
Electric Coffee Maker						
Use an Electric Coffee Maker	65.5	23.0	11.3	4.5	7.2	3.5
Three or More Times a Day	2.4	0.8	0.3	0.2	0.3	18.7
Two Times a Day	5.9	2.2	0.9	0.6	0.7	12.9
Once a Day	33.6	12.3	5.9	2.1	4.3	5.4
A Few Times Each Week	9.4	3.3	1.9	0.6	0.8	10.8
About Once a Week	5.2	1.5	0.8	0.3	0.4	15.5
Less than Once a Week	9.0	2.9	1.5	0.7	0.7	8.6
No Electric Coffee Maker	41.5	15.9	9.0	2.3	4.6	5.4
Time Electric Coffee Maker is Left On						
Turned Off Right Away	18.8	5.9	2.9	1.3	1.8	7.5
Less than 15 Minutes	10.0	3.8	2.2	0.5	1.1	11.0
15 Minutes to 1 Hour	24.6	9.7	4.7	1.9	3.1	6.2
More than 1 Hour	12.1	3.6	1.5	0.9	1.2	8.1
Electric Toaster						
Use a Electric Toaster	36.1	14.7	7.4	2.3	5.0	5.3
Three or More Times a Day	1.0	0.5	Q	Q	Q	30.5
Two Times a Day	2.7	1.2	0.5	0.2	0.4	21.9
Once a Day	8.2	3.2	1.9	0.4	0.9	12.9
A Few Times Each Week	11.9	5.1	2.7	0.6	1.8	8.7
About Once a Week	4.3	1.6	0.7	0.3	0.5	15.2
Less than Once a Week	7.9	3.2	1.3	0.6	1.3	10.0
No Electric Toaster	70.9	24.3	13.0	4.5	6.8	3.0
Lights						
Indoor Lights Turned On:						
1 to 4 Hours per Day						
None	10.2	3.6	2.0	0.8	0.8	13.2
1	30.1	11.0	5.4	2.0	3.6	7.1
2	30.7	10.7	5.6	1.6	3.5	7.8
3	16.6	6.1	3.5	1.1	1.6	10.3
4	10.5	3.9	2.2	0.5	1.1	13.4
5 or More	8.8	3.6	1.6	0.8	1.2	12.7
Between 4 and 12 Hours per Day						
None	30.2	8.7	4.4	1.2	3.1	8.6
1	25.2	9.6	4.5	1.8	3.3	7.4
2	25.5	9.7	5.3	1.9	2.5	6.6
3	12.7	5.1	3.1	0.9	1.0	10.2
4	7.2	3.3	1.7	0.7	1.0	12.0
5 or More	6.2	2.6	1.4	0.4	0.8	18.3
More than 12 Hours per Day						
None	81.1	26.1	13.8	4.4	7.9	4.0
1	14.4	6.1	2.8	1.4	1.9	9.6
2	6.8	3.8	1.8	0.8	1.3	12.0
3	2.4	1.3	0.8	Q	0.4	31.7
4	1.3	0.9	0.6	Q	0.3	21.3
5 or More	1.1	0.6	0.5	Q	Q	16.9

See footnotes at end of table.

**Table HC6-11a. Usage Indicators by South Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West South Central	
RSE Column Factor:	0.5	0.9	1.2	1.4	1.5	
Outdoor Lights on All Night						
Used	24.5	10.7	5.1	1.9	3.7	7.6
Not Used	82.5	28.2	15.2	4.9	8.1	2.8
Gas Fireplace						
Use a Gas Fireplace During Winter Months ..	3.7	1.4	0.7	0.3	0.4	14.9
Most Days	1.3	0.6	0.4	Q	Q	34.2
Almost Once a Week	1.1	0.5	Q	Q	Q	33.1
Less Than 4 Times a Month	1.2	0.4	Q	Q	Q	28.2
Use a Personal Computer	60.0	20.7	11.7	3.2	5.8	4.0
Hours PC Turned On Each Week						
Less Than 2 Hours	10.3	3.8	2.2	0.6	0.9	12.4
2 to 15 Hours	26.3	8.8	4.9	1.3	2.6	6.6
16 to 40 Hours	12.2	3.9	2.1	0.8	1.0	13.6
More than 40 Hours	5.7	2.0	1.3	Q	0.6	12.6
On All The Time	5.6	2.2	1.1	0.4	0.6	16.5
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	14.0	4.5	2.2	0.8	1.4	10.9
Business Use Only	2.1	0.9	0.4	0.2	Q	20.6
Both Personal and Business	7.3	2.7	1.9	0.3	0.5	15.3
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	3.6	1.5	1.0	0.2	0.4	24.7
Other Business Use	5.8	2.1	1.4	0.3	0.4	14.3
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/ Tools	47.7	16.5	9.0	2.8	4.7	4.7
How Maintained When Not in Use						
Plugged in All The Time	10.8	4.1	2.0	0.8	1.3	11.8
Recharged As Needed	33.8	11.5	6.5	1.9	3.2	5.6
Both Ways are Used	3.1	0.8	0.5	Q	Q	21.1
Don't Use Any	59.3	22.5	11.3	4.0	7.1	3.4

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

**Table HC6-12a. Usage Indicators by West Census Region,
Million U.S. Households, 2001**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Total	107.0	23.3	6.7	16.6	NE
Weekday Home Activities					
Home Used for Business					
Yes	7.6	1.9	0.7	1.2	11.9
No	99.4	21.4	6.0	15.4	1.1
Energy-Intensive Activity					
Yes	1.7	0.4	0.2	0.2	21.9
No	105.2	22.9	6.5	16.4	NE
Someone Home All Day					
Yes	53.0	11.9	3.3	8.6	3.6
No	53.9	11.3	3.4	7.9	3.7
Heating					
Heat Home	106.0	22.6	6.7	15.9	NE
Do Not Heat Home	1.0	0.7	Q	0.7	10.7
No Heating Equipment	0.5	0.4	Q	0.4	18.3
Have Equipment But Do Not Use It	0.4	0.2	Q	0.2	27.7
Adequacy of Insulation					
Well Insulated	42.6	7.9	2.6	5.3	5.6
Adequately Insulated	43.1	9.5	2.6	6.9	3.9
Poorly Insulated	19.4	5.2	1.4	3.8	7.7
No Insulation	0.9	0.4	Q	0.3	18.7
Don't Know	0.9	0.4	Q	0.3	25.2
Occurrences of Drafts During Winter					
Never	5.9	1.2	0.4	0.8	12.5
Some of the Time	6.4	1.7	0.6	1.1	11.4
Most of the Time	34.6	8.0	2.3	5.7	5.8
All of the Time	55.3	11.1	3.2	8.0	4.4
Don't Know	4.7	1.3	0.3	1.0	12.5
Thermostat					
Heat Home	106.0	22.6	6.7	15.9	NE
Thermostat Available During Heating Season	91.5	18.9	6.1	12.8	1.5
Programmable ¹					
Yes	25.1	6.1	1.0	5.2	10.7
No	66.4	12.8	5.1	7.7	4.7
No Thermostat	14.5	3.7	0.6	3.1	8.4
Do Not Heat Home	1.0	0.7	Q	0.7	10.7
Lower Winter Temperature Settings¹					
Daytime When No One is at Home					
Yes	47.2	13.0	3.4	9.7	2.6
No	48.5	6.3	2.7	3.6	5.0
Unknown	10.3	3.3	0.6	2.7	7.2
During Sleeping Hours					
Yes	45.7	12.7	3.1	9.6	3.5
No	51.1	7.1	3.1	4.1	5.0
Unknown	9.2	2.8	0.6	2.3	7.8

See footnotes at end of table.

**Table HC6-12a. Usage Indicators by West Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Daytime Winter Temperature When Someone is at Home¹					
Heat Turned On	96.8	19.6	6.1	13.5	1.1
63 Degrees or Less	3.9	1.6	0.4	1.2	12.7
64 to 66 Degrees	8.4	2.5	0.6	2.0	9.6
67 to 69 Degrees	23.6	4.7	1.4	3.4	7.2
70 Degrees	25.7	5.3	1.6	3.7	5.9
71 to 73 Degrees	16.5	2.4	1.0	1.5	8.4
74 Degrees or More	18.6	3.0	1.2	1.8	8.3
Heat Turned Off	2.0	1.4	0.2	1.2	10.9
Unknown/No Answer	7.2	1.6	0.4	1.2	11.8
Daytime Winter Temperature When No One is at Home¹					
Heat Turned On	87.6	13.9	5.7	8.2	2.8
63 Degrees or Less	17.7	4.7	1.4	3.2	7.8
64 to 66 Degrees	17.2	3.2	1.4	1.8	6.7
67 to 69 Degrees	19.1	2.3	1.0	1.3	11.1
70 Degrees	15.1	1.9	0.9	1.1	11.0
71 to 73 Degrees	8.7	0.9	0.5	0.4	11.5
74 Degrees or More	9.8	0.9	0.5	0.3	16.6
Heat Turned Off	10.5	7.0	0.6	6.4	8.7
Unknown/No Answer	8.0	1.8	0.4	1.4	11.2
Winter Temperature During Sleeping Hours¹					
Heat Turned On	91.8	15.6	6.0	9.6	2.1
63 Degrees or Less	15.4	5.1	1.3	3.8	8.0
64 to 66 Degrees	17.4	3.6	1.3	2.3	7.3
67 to 69 Degrees	21.0	2.7	1.3	1.5	9.5
70 Degrees	17.4	2.1	0.8	1.3	8.1
71 to 73 Degrees	9.5	0.7	0.4	0.3	12.8
74 Degrees or More	11.1	1.3	0.9	0.4	13.1
Heat Turned Off	7.1	5.5	0.3	5.2	7.6
Unknown/No Answer	7.1	1.5	0.4	1.1	11.2
Air-Conditioning					
Central Air-Conditioning					
Use a Central System	58.6	7.8	2.7	5.0	8.2
All Summer	28.4	1.7	1.3	0.4	12.9
Quite a Bit	12.1	1.4	0.6	0.8	15.7
Only a Few Times	16.8	3.9	0.7	3.2	14.1
Not at All	1.4	0.8	Q	0.6	18.5
No Central System	48.4	15.5	4.0	11.5	5.4
Window/Wall Air-Conditioning					
Use Window/Wall Units	25.1	3.0	0.7	2.3	9.5
All Summer	4.9	0.2	Q	Q	24.1
Quite a Bit	5.2	0.5	0.2	0.3	22.6
Only a Few Times	14.1	1.9	0.4	1.5	10.8
Not at All	0.9	0.4	Q	0.3	18.3
No Window/Wall Units	81.9	20.3	6.0	14.2	1.6

See footnotes at end of table.

**Table HC6-12a. Usage Indicators by West Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Hot Water					
Dishwasher Use Each Week					
Use a Dishwasher	56.7	13.2	4.2	9.0	4.4
Less Than Once a Week	9.4	2.3	0.6	1.7	10.3
Once Each Week	7.5	1.9	0.6	1.4	9.9
2 to 3 Times	17.8	4.5	1.5	3.0	7.8
4 to 6 Times	11.7	2.6	0.7	1.8	9.8
At Least Once Each Day	10.4	1.9	0.9	1.1	9.5
No Dishwasher	50.3	10.1	2.5	7.6	5.8
Loads of Laundry Washed Each Week					
Use a Clothes Washer	84.1	16.9	5.3	11.6	3.4
1 Load or Less	6.8	1.9	0.5	1.4	10.8
2 to 9 Loads	65.1	13.1	4.2	8.9	3.8
10 to 15 Loads	9.6	1.6	0.5	1.1	12.1
More than 15 Loads	2.7	0.4	0.2	Q	20.1
No Washing Machine	22.9	6.4	1.4	5.0	10.5
Water Temperature Setting for Clothes Washer					
Wash Cycle					
Hot	6.2	1.1	0.3	0.8	14.5
Warm	49.7	10.5	3.4	7.1	4.9
Cold	28.2	5.4	1.7	3.7	5.5
Rinse Cycle					
Hot	1.4	0.2	Q	Q	31.6
Warm	16.6	3.2	1.0	2.2	10.3
Cold	66.1	13.5	4.3	9.2	4.2
No Washing Machine	22.9	6.4	1.4	5.0	10.5
Clothes Dryer					
Use a Clothes Dryer	78.8	16.0	5.0	11.1	3.8
Every Time Clothes are Washed	63.5	12.9	3.9	9.1	4.3
Some, but not All, Loads	12.7	2.5	0.9	1.6	8.8
Used Infrequently	2.7	0.7	0.2	0.4	15.0
No Clothes Dryer	28.2	7.3	1.8	5.5	9.2
Cooking					
Number of Hot Meals Cooked in the Home					
3 or More Times a Day	7.5	1.9	0.7	1.2	12.3
2 Times a Day	26.8	6.6	2.1	4.6	4.2
Once a Day	43.3	9.4	2.9	6.5	4.6
A Few Times Each Week	21.7	4.1	0.7	3.4	8.7
About Once a Week	4.0	0.7	Q	0.5	11.6
Less Than Once a Week	2.4	0.3	Q	0.2	23.1
No Hot Meals Cooked	1.2	0.3	Q	Q	36.9
Conventional Oven					
Use a Conventional Oven	99.4	21.4	6.3	15.1	1.2
More Than Once a Day	8.6	1.5	0.6	0.9	14.4
Once a Day	17.4	3.1	1.0	2.1	10.0
Between Once a Day and					
Once a Week	33.1	6.8	2.0	4.9	5.6
Once a Week	15.6	3.3	1.1	2.3	7.0
Less Than Once a Week	24.6	6.7	1.8	5.0	6.5
Do Not Use	7.6	1.9	0.4	1.5	15.1

See footnotes at end of table.

**Table HC6-12a. Usage Indicators by West Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Microwave Oven					
Use a Microwave Oven	92.1	19.9	6.1	13.8	2.4
Most or All	8.2	2.3	0.6	1.7	10.5
About Half	19.3	4.5	1.3	3.2	8.7
Some or Very Little	22.4	4.6	1.4	3.2	7.2
For Defrosting, Reheating, or Snacks	42.2	8.4	2.8	5.7	5.3
No Microwave Oven	14.8	3.4	0.6	2.8	15.7
Electric Coffee Maker					
Use an Electric Coffee Maker	65.5	14.0	4.4	9.6	3.1
Three or More Times a Day	2.4	0.5	0.2	0.2	24.6
Two Times a Day	5.9	1.3	0.4	0.8	14.6
Once a Day	33.6	7.1	2.2	4.9	6.0
A Few Times Each Week	9.4	2.2	0.6	1.6	8.7
About Once a Week	5.2	1.1	0.4	0.7	16.0
Less than Once a Week	9.0	1.9	0.6	1.3	8.4
No Electric Coffee Maker	41.5	9.3	2.4	7.0	4.8
Time Electric Coffee Maker is Left On					
Turned Off Right Away	18.8	4.0	1.0	3.0	9.4
Less than 15 Minutes	10.0	2.1	0.4	1.7	9.5
15 Minutes to 1 Hour	24.6	4.8	1.9	2.9	6.5
More than 1 Hour	12.1	3.1	1.1	2.0	12.1
Electric Toaster					
Use a Electric Toaster	36.1	7.4	1.9	5.5	6.2
Three or More Times a Day	1.0	Q	Q	Q	31.5
Two Times a Day	2.7	0.4	Q	0.3	23.2
Once a Day	8.2	1.8	0.5	1.3	12.2
A Few Times Each Week	11.9	2.3	0.6	1.7	12.6
About Once a Week	4.3	1.1	0.2	0.9	12.1
Less than Once a Week	7.9	1.7	0.5	1.2	11.1
No Electric Toaster	70.9	16.0	4.9	11.1	2.9
Lights					
Indoor Lights Turned On:					
1 to 4 Hours per Day					
None	10.2	2.3	0.7	1.6	13.4
1	30.1	6.1	1.7	4.4	6.0
2	30.7	7.2	1.9	5.3	5.7
3	16.6	3.8	1.1	2.7	9.1
4	10.5	2.2	0.7	1.5	7.6
5 or More	8.8	1.7	0.5	1.2	13.2
Between 4 and 12 Hours per Day					
None	30.2	8.2	2.6	5.6	6.1
1	25.2	5.8	1.5	4.3	7.0
2	25.5	5.6	1.6	4.0	4.5
3	12.7	2.0	0.6	1.4	8.8
4	7.2	0.9	0.3	0.7	16.5
5 or More	6.2	0.8	0.3	0.6	15.9
More than 12 Hours per Day					
None	81.1	19.5	5.3	14.2	1.9
1	14.4	2.5	0.8	1.7	7.0
2	6.8	0.8	0.4	0.4	14.4
3	2.4	0.3	Q	Q	28.5
4	1.3	Q	Q	Q	27.8
5 or More	1.1	Q	Q	Q	24.0

See footnotes at end of table.

**Table HC6-12a. Usage Indicators by West Census Region,
Million U.S. Households, 2001 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Outdoor Lights on All Night					
Used	24.5	5.2	1.7	3.4	8.8
Not Used	82.5	18.1	5.0	13.2	2.6
Gas Fireplace					
Use a Gas Fireplace During Winter Months ..	3.7	1.0	Q	0.8	17.7
Most Days	1.3	0.3	Q	0.2	35.2
Almost Once a Week	1.1	0.3	Q	0.2	28.2
Less Than 4 Times a Month	1.2	0.4	Q	0.3	26.6
Use a Personal Computer	60.0	14.3	4.0	10.4	3.7
Hours PC Turned On Each Week					
Less Than 2 Hours	10.3	2.4	0.6	1.8	10.5
2 to 15 Hours	26.3	6.3	1.8	4.6	4.7
16 to 40 Hours	12.2	3.2	0.8	2.4	10.9
More than 40 Hours	5.7	1.3	0.4	0.8	14.0
On All The Time	5.6	1.2	0.3	0.8	17.9
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	14.0	3.3	1.0	2.4	9.9
Business Use Only	2.1	0.6	0.2	0.4	18.6
Both Personal and Business	7.3	1.7	0.4	1.2	12.2
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	3.6	0.7	0.2	0.5	16.0
Other Business Use	5.8	1.5	0.4	1.1	11.9
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/ Tools	47.7	9.8	3.1	6.7	6.2
How Maintained When Not in Use					
Plugged in All The Time	10.8	1.7	0.4	1.3	10.6
Recharged As Needed	33.8	7.4	2.5	4.9	6.7
Both Ways are Used	3.1	0.6	0.2	0.5	18.6
Don't Use Any	59.3	13.5	3.6	9.9	4.7

¹ The 1.0 million households that do not heat their homes are not included in these categories.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.