

1997 Housing Characteristics Tables

Usage Indicators Tables

(Percent of U.S. Households; 48 pages, 139 kb)

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These data are from the 1997 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 data for occupied primary housing units. RECS was first conducted in 1978; the sixth and most recent survey was conducted in 1997 RECS. The data were collected from a sample of 5,900 housing units statistically selected to represent the 101.5 million units in the United States. The 1997 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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**Table HC6-1b. Usage Indicators by Climate Zone,
Percent of U.S. Households, 1997**

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:	0.5	1.4	1.0	1.1	1.2	1.1		
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities								
Home Used for Business								
Yes	7.2	11.3	6.6	7.8	7.8	5.3		12.2
No	92.8	88.7	93.4	92.2	92.2	94.7		1.7
Energy-Intensive Activity								
Yes	2.4	1.7	3.0	1.9	2.5	2.2		21.4
No	97.6	98.3	97.0	98.1	97.5	97.8		NE
Someone Home All Day								
Yes	50.6	47.2	49.1	52.0	50.5	52.5		2.8
No	49.4	52.8	50.9	48.0	49.5	47.5		2.8
Heating								
Thermostat Available During Heating Season								
Yes	84.7	88.9	91.0	83.1	79.6	81.2		1.7
No	14.5	11.1	9.0	16.7	19.7	16.0		10.2
Do Not Heat Home	0.8	Q	Q	Q	Q	2.8		27.4
Set-Back or Clock Thermostat in Home								
Yes	44.2	33.4	42.9	46.8	43.4	48.5		7.6
No	55.8	66.6	57.1	53.2	56.6	51.5		5.8
Use of Set-Back/Clock Thermostat for Heating								
Programming Features Used	11.5	13.7	11.6	13.1	9.3	10.8		10.6
Only Manual Controls Used	32.7	19.7	31.3	33.7	34.1	37.7		10.0
Winter Temperature Settings								
Lower When No One Home								
Yes	44.8	48.3	42.6	42.7	52.1	41.8		3.6
No	55.2	51.7	57.4	57.3	47.9	58.2		3.0
Lower During Sleeping Hours								
Yes	46.8	50.8	41.3	45.1	55.4	46.1		3.8
No	53.2	49.2	58.7	54.9	44.6	53.9		3.5
Daytime Winter Temperature When Someone is at Home								
Heat is Turned On	92.5	97.7	96.0	92.5	91.0	87.2		1.2
63 Degrees or Less	3.8	4.1	3.7	4.3	4.8	2.3		17.8
64 to 66 Degrees	8.1	8.1	8.7	8.2	10.4	5.4		9.8
67 to 69 Degrees	23.0	31.7	28.2	23.4	21.2	14.1		5.7
70 Degrees	25.3	30.4	25.2	26.2	25.2	22.3		5.2
71 to 73 Degrees	14.5	13.5	17.7	13.3	11.6	14.8		7.0
74 Degrees or More	17.8	9.9	12.6	17.1	17.8	28.3		7.2
Heat Turned Off	2.1	Q	Q	Q	5.6	3.8		20.8
Unknown/No Answer	5.4	Q	3.7	7.0	3.4	9.0		17.3

See footnotes at end of table.

**Table HC6-1b. Usage Indicators by Climate Zone,
Percent of U.S. Households, 1997 (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:	0.5	1.4	1.0	1.1	1.2	1.1	
Daytime Winter Temperature							
When No One is at Home							
Heat is Turned On	83.7	97.1	93.5	88.6	74.4	68.8	1.5
63 Degrees or Less	19.4	24.1	20.2	19.5	22.0	14.1	7.2
64 to 66 Degrees	16.3	20.6	19.2	17.2	14.9	11.2	5.5
67 to 69 Degrees	17.8	23.6	21.5	20.8	13.9	10.9	6.8
70 Degrees	14.6	16.7	15.0	16.0	12.1	13.9	7.4
71 to 73 Degrees	7.5	8.0	10.6	6.8	4.6	6.5	11.6
74 Degrees or More	8.1	4.1	7.0	8.2	6.8	12.2	11.2
Heat Turned Off	10.2	Q	2.1	4.2	21.1	21.1	10.8
Unknown/No Answer	6.1	Q	4.4	7.2	4.6	10.1	14.9
Winter Temperature							
During Sleeping Hours							
Heat is Turned On	87.8	97.4	95.4	89.9	79.1	79.9	1.5
63 Degrees or Less	16.2	22.3	15.8	16.9	19.7	10.3	7.8
64 to 66 Degrees	16.6	22.5	18.2	17.8	13.4	13.7	5.8
67 to 69 Degrees	19.3	23.1	23.5	20.9	16.9	12.9	6.8
70 Degrees	17.3	17.9	18.6	18.1	14.7	17.1	6.7
71 to 73 Degrees	8.3	7.6	10.5	6.6	6.3	9.1	10.7
74 Degrees or More	10.1	4.0	8.7	9.5	8.1	16.8	11.6
Heat Turned Off	7.1	Q	1.1	3.1	18.1	11.9	16.5
Unknown/No Answer	5.0	Q	3.5	7.0	2.8	8.2	17.7
Air-Conditioning							
Central Air-Conditioning Use							
Use a Central System	47.1	31.1	37.7	46.2	43.8	69.5	6.0
All Summer	24.3	4.7	11.7	22.6	24.4	50.0	9.4
Quite a Bit	10.3	11.0	10.1	11.8	8.5	10.2	10.5
Only a Few Times	12.2	15.4	15.6	11.6	10.3	8.8	12.9
Not at All	0.3	Q	Q	Q	Q	Q	39.3
No Central System	52.9	68.9	62.3	53.8	56.2	30.5	5.1
Use of Set-Back/Clock Thermostat for Cooling							
Programming Features Used	4.9	3.7	3.7	6.0	2.1	8.2	15.2
Only Manual Controls Used	13.3	3.5	7.5	12.4	12.0	26.8	13.9
Used Only for Heating	0.4	Q	Q	0.7	Q	Q	41.1
Window Air-Conditioning Use							
Use Window Units	26.1	26.2	29.2	33.2	19.3	20.9	7.6
All Summer	5.6	1.8	4.1	6.3	5.5	8.3	14.9
Quite a Bit	6.5	7.0	6.9	8.9	4.9	4.8	12.0
Only a Few Times	13.3	16.6	16.9	17.4	8.6	7.4	9.2
Not at All	0.7	Q	1.3	Q	Q	Q	28.0
No Window Units	73.9	73.8	70.8	66.8	80.7	79.1	2.6
Hot Water							
Number of Showers/Baths Taken Each Week							
Fewer than 10	27.9	34.5	28.4	29.6	25.8	24.4	4.7
10 to 20	46.0	44.6	48.5	44.2	47.4	44.1	3.0
More than 20	26.0	20.9	23.1	26.0	26.7	31.1	4.9
Not Applicable	0.2	Q	Q	Q	Q	Q	68.7

See footnotes at end of table.

**Table HC6-1b. Usage Indicators by Climate Zone,
Percent of U.S. Households, 1997 (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:	0.5	1.4	1.0	1.1	1.2	1.1	
Hot Water (continued)							
Dishwasher Use							
Each Week							
Use a Dishwasher	50.2	47.4	51.6	50.3	46.6	52.5	4.2
Less Than 4 Times	28.3	24.5	26.6	29.5	27.9	31.0	5.2
4 to 6 Times	12.7	15.1	14.5	11.9	10.7	12.1	8.3
At Least Once Each Day	9.2	7.7	10.5	8.9	8.1	9.4	9.9
No Dishwasher	49.8	52.6	48.4	49.7	53.4	47.5	4.2
Loads of Laundry							
Washed Each Week							
Use a Clothes Washer	77.4	85.5	78.3	77.4	72.6	77.0	2.4
1 Load or Less	5.2	5.4	4.5	7.2	4.3	4.7	13.7
2 to 9 Loads	29.4	29.7	27.5	29.1	31.1	30.4	4.5
10 to 15 Loads	10.0	13.8	11.2	9.5	8.1	9.1	9.0
More than 15 Loads	3.3	4.2	3.8	3.1	2.4	3.2	15.4
No Washing Machine	22.6	14.5	21.7	22.6	27.4	23.0	8.8
Clothes Dryer Usage							
Use a Clothes Dryer	71.2	82.6	73.5	70.2	66.1	68.8	2.7
Every Time Clothes are Washed	56.3	53.8	57.8	54.3	54.6	58.8	3.6
Some, but not All, Loads	12.8	24.4	13.6	13.8	9.7	8.4	8.4
Used Infrequently	2.1	4.5	2.1	2.1	1.8	1.6	17.9
No Dryer	28.8	17.4	26.5	29.8	33.9	31.2	7.1
Cooking							
Number of Hot Meals							
Cooked in the Home							
3 or More Times a Day	6.9	4.1	6.3	7.0	7.2	8.7	10.5
2 Times a Day	25.3	28.8	24.5	23.9	27.3	24.4	5.7
Once a Day	41.6	44.3	45.1	42.5	35.8	40.0	4.1
A Few Times Each Week	20.1	18.5	17.8	19.8	23.9	20.4	7.9
About Once a Week	3.0	1.9	3.5	3.6	2.0	3.3	14.9
Less Than Once a Week	3.0	2.4	2.7	3.0	3.5	3.1	19.4
Conventional Oven Use							
More Than Once a Day	8.1	7.2	7.3	7.6	10.0	8.5	10.6
Once a Day	20.2	19.1	19.9	19.1	20.4	22.0	6.9
Between Once a Day and Once a Week	34.4	42.7	35.8	33.0	33.2	31.5	4.0
Once a Week	14.9	12.0	15.1	16.7	12.7	16.1	6.4
Less Than Once a Week	21.2	17.9	21.2	22.5	21.9	20.7	6.3
Amount of Food Cooked in Microwave Oven							
Use a Microwave Oven	83.0	90.5	83.9	83.6	81.3	79.5	1.6
Most or All	7.2	7.5	7.3	5.5	9.3	7.0	13.3
About Half	18.2	21.2	17.6	17.7	19.5	16.9	6.8
Some or Very Little	21.9	24.1	24.3	22.7	19.5	19.3	7.2
Only for Defrosting, Reheating, or Snacks	35.6	37.7	34.7	37.7	32.9	36.2	5.4
No Microwave Oven	17.0	9.5	16.1	16.4	18.7	20.5	8.8

See footnotes at end of table.

**Table HC6-1b. Usage Indicators by Climate Zone,
Percent of U.S. Households, 1997 (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:	0.5	1.4	1.0	1.1	1.2	1.1	
Lights							
Outdoor Lights on All Night							
Used	25.9	17.4	25.5	27.8	20.4	33.0	6.5
Not Used	74.1	82.6	74.5	72.2	79.6	67.0	2.1
Gas Fireplace Usage During Winter Months							
Use a Gas Fireplace	2.7	3.1	3.0	1.3	2.8	3.2	24.7
Most Days	1.1	2.0	1.0	1.0	Q	1.5	28.7
Almost Once a Week	0.7	Q	0.9	Q	Q	Q	32.2
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	Q	58.8
Personal Computer Usage	35.1	40.2	37.3	33.9	34.9	31.4	5.2
Hours PC Turned On Each Week							
Less Than 2 Hours	8.1	8.5	8.9	9.7	7.4	5.7	9.5
2 to 15 Hours	17.1	20.0	17.5	14.9	17.8	17.2	7.5
16 to 40 Hours	6.6	7.7	8.2	6.3	6.1	4.8	11.4
On All The Time	3.3	4.0	2.7	3.0	3.6	3.7	16.6
Use of PCs Turned on 16 Hours a Week or More							
Personal Use Only	4.7	5.6	5.6	4.1	3.8	4.6	13.9
Business Use Only	2.1	2.4	2.5	2.3	2.5	0.9	21.5
Both Personal and Business	3.1	3.7	2.8	2.9	3.4	3.0	18.9
Business Use of PCs Turned on 16 Hours a Week or More							
Use to Telecommute	2.1	2.0	2.2	1.9	3.0	1.2	19.2
Other Business Use	3.1	4.1	3.0	3.3	2.9	2.7	19.9
Battery Operated Appliances/Tools							
Use Battery Operated Appliances/Tools	43.7	51.3	45.4	43.7	41.0	41.0	3.4
How Maintained When Not in Use							
Plugged in All The Time	12.3	13.6	14.0	12.1	10.2	11.6	8.0
Recharged As Needed	26.6	32.9	26.5	27.9	23.1	25.9	4.9
Both Ways are Used	4.8	4.9	4.8	3.7	7.7	3.5	13.1
Don't Use Any	56.3	48.7	54.6	56.3	59.0	59.0	2.7

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. 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. • Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-2b. Usage Indicators by Year of Construction,
Percent of U.S. Households, 1997**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.6	1.2	1.0	1.1	1.2	0.9	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities								
Home Used for Business								
Yes	7.2	8.9	8.2	6.5	7.1	5.1	7.7	13.0
No	92.8	91.1	91.8	93.5	92.9	94.9	92.3	1.1
Energy-Intensive Activity								
Yes	2.4	2.2	1.8	2.4	2.3	2.9	2.5	21.1
No	97.6	97.8	98.2	97.6	97.7	97.1	97.5	NE
Someone Home All Day								
Yes	50.6	48.7	45.6	48.2	51.3	57.9	52.4	3.4
No	49.4	51.3	54.4	51.8	48.7	42.1	47.6	3.5
Heating								
Thermostat Available During Heating Season								
Yes	84.7	93.2	92.0	87.1	85.8	82.5	76.1	1.5
No	14.5	5.9	7.8	12.0	13.3	16.7	23.1	10.3
Do Not Heat Home	0.8	Q	Q	0.9	Q	Q	0.9	37.1
Set-Back or Clock Thermostat in Home								
Yes	44.2	56.6	56.2	44.1	45.4	37.1	35.2	5.6
No	55.8	43.4	43.8	55.9	54.6	62.9	64.8	4.6
Use of Set-Back/Clock Thermostat for Heating								
Programming Features Used	11.5	20.0	16.4	9.2	9.4	9.3	9.3	10.0
Only Manual Controls Used	32.7	36.6	39.8	34.9	36.0	27.8	25.9	7.3
Winter Temperature Settings								
Lower When No One Home								
Yes	44.8	46.5	45.8	45.9	46.1	44.3	42.4	3.9
No	55.2	53.5	54.2	54.1	53.9	55.7	57.6	3.2
Lower During Sleeping Hours								
Yes	46.8	47.1	48.9	47.5	47.7	50.8	42.4	3.7
No	53.2	52.9	51.1	52.5	52.3	49.2	57.6	3.3
Daytime Winter Temperature When Someone is at Home								
Heat is Turned On	92.5	96.0	94.4	92.1	92.4	91.2	91.0	1.1
63 Degrees or Less	3.8	4.5	3.0	3.1	4.2	3.3	4.4	17.7
64 to 66 Degrees	8.1	8.0	7.4	9.1	5.9	8.2	9.1	11.7
67 to 69 Degrees	23.0	25.2	22.1	24.3	21.4	23.4	22.6	6.3
70 Degrees	25.3	23.6	25.3	24.7	24.9	24.3	26.8	5.7
71 to 73 Degrees	14.5	16.7	13.6	13.3	15.8	15.5	14.1	7.4
74 Degrees or More	17.8	18.0	23.0	17.6	20.2	16.5	14.0	7.7
Heat Turned Off	2.1	Q	2.5	2.9	2.4	2.5	1.1	26.2
Unknown/No Answer	5.4	2.4	3.1	5.0	5.2	6.3	7.8	17.6

See footnotes at end of table.

**Table HC6-2b. Usage Indicators by Year of Construction,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.6	1.2	1.0	1.1	1.2	0.9	
Daytime Winter Temperature								
When No One is at Home								
Heat is Turned On	83.7	89.6	84.9	81.3	81.6	80.7	84.9	1.7
63 Degrees or Less	19.4	20.0	17.1	19.7	20.9	17.9	20.4	7.2
64 to 66 Degrees	16.3	13.8	17.9	17.6	13.3	13.7	18.0	7.5
67 to 69 Degrees	17.8	23.2	18.0	16.8	16.0	18.6	16.9	7.5
70 Degrees	14.6	15.4	14.6	12.9	14.7	13.6	15.9	8.0
71 to 73 Degrees	7.5	8.1	6.8	6.6	7.0	10.3	7.2	12.0
74 Degrees or More	8.1	9.1	10.4	7.7	9.7	6.5	6.5	11.7
Heat Turned Off	10.2	7.5	11.4	12.4	12.1	13.8	6.4	10.6
Unknown/No Answer	6.1	2.9	3.7	6.3	6.3	5.5	8.7	15.9
Winter Temperature								
During Sleeping Hours								
Heat is Turned On	87.8	91.6	90.3	86.2	87.4	85.3	87.5	1.3
63 Degrees or Less	16.2	14.2	15.9	15.7	16.3	17.0	17.0	7.9
64 to 66 Degrees	16.6	16.8	16.7	19.1	14.0	16.6	16.1	6.6
67 to 69 Degrees	19.3	22.8	18.8	18.7	17.9	19.0	19.7	7.2
70 Degrees	17.3	17.2	17.8	16.1	18.0	15.5	18.5	7.4
71 to 73 Degrees	8.3	9.1	7.5	7.8	9.1	9.1	8.0	10.4
74 Degrees or More	10.1	11.5	13.5	8.7	12.2	8.1	8.3	11.7
Heat Turned Off	7.1	5.7	6.9	9.2	8.1	9.1	4.9	12.2
Unknown/No Answer	5.0	2.7	2.8	4.6	4.5	5.6	7.6	18.3
Air-Conditioning								
Central Air-Conditioning Use								
Use a Central System	47.1	77.6	74.7	55.4	46.0	36.7	18.8	4.1
All Summer	24.3	43.2	41.0	28.6	24.5	16.9	7.5	7.0
Quite a Bit	10.3	18.1	15.4	12.2	8.7	7.6	5.1	10.6
Only a Few Times	12.2	16.1	18.0	14.3	12.1	12.2	5.8	10.8
Not at All	0.3	Q	Q	Q	Q	Q	Q	40.3
No Central System	52.9	22.4	25.3	44.6	54.0	63.3	81.2	4.2
Use of Set-Back/Clock Thermostat for Cooling								
Programming Features Used	4.9	11.6	10.3	4.3	4.1	2.8	0.9	16.0
Only Manual Controls Used	13.3	22.8	22.9	15.2	13.5	8.7	4.6	11.5
Used Only for Heating	0.4	Q	Q	Q	Q	Q	Q	45.4
Window Air-Conditioning Use								
Use Window Units	26.1	8.7	11.4	20.7	25.7	35.9	40.7	7.5
All Summer	5.6	2.9	2.0	5.8	5.6	7.9	7.5	14.8
Quite a Bit	6.5	2.4	2.3	5.0	6.7	9.2	10.3	13.4
Only a Few Times	13.3	3.4	6.5	9.7	12.7	18.1	21.7	10.4
Not at All	0.7	Q	Q	Q	Q	Q	1.2	28.8
No Window Units	73.9	91.3	88.6	79.3	74.3	64.1	59.3	2.1
Hot Water								
Number of Showers/Baths Taken Each Week								
Fewer than 10	27.9	18.4	25.6	25.3	28.6	31.4	32.4	5.4
10 to 20	46.0	45.1	46.4	47.4	47.6	45.1	44.6	3.5
More than 20	26.0	36.2	28.1	27.2	23.6	23.4	22.7	5.3
Not Applicable	0.2	Q	Q	Q	Q	Q	Q	70.5

See footnotes at end of table.

**Table HC6-2b. Usage Indicators by Year of Construction,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.6	1.2	1.0	1.1	1.2	0.9	
Hot Water (continued)								
Dishwasher Use								
Each Week								
Use a Dishwasher	50.2	76.7	71.2	56.6	48.3	37.2	30.3	3.7
Less Than 4 Times	28.3	40.8	41.5	32.0	28.3	20.0	16.8	5.7
4 to 6 Times	12.7	22.5	16.2	14.7	11.8	10.1	7.4	8.7
At Least Once Each Day	9.2	13.4	13.6	9.8	8.2	7.1	6.1	11.0
No Dishwasher	49.8	23.3	28.8	43.4	51.7	62.8	69.7	4.3
Loads of Laundry								
Washed Each Week								
Use a Clothes Washer	77.4	89.7	83.0	72.7	70.1	81.0	75.1	2.2
1 Load or Less	5.2	2.3	5.1	3.4	5.3	6.1	7.1	15.0
2 to 9 Loads	29.4	32.0	31.4	27.6	24.6	31.6	29.9	5.0
10 to 15 Loads	10.0	14.4	9.9	9.2	9.8	10.1	9.2	9.8
More than 15 Loads	3.3	3.8	3.7	3.2	2.6	2.6	3.6	17.6
No Washing Machine	22.6	10.3	17.0	27.3	29.9	19.0	24.9	8.2
Clothes Dryer Usage								
Use a Clothes Dryer	71.2	88.3	80.0	68.8	63.4	71.7	65.1	2.5
Every Time Clothes are Washed	56.3	75.5	68.5	53.9	48.1	56.5	47.7	3.5
Some, but not All, Loads	12.8	12.1	10.5	12.8	13.2	12.0	14.5	9.2
Used Infrequently	2.1	Q	1.0	2.1	2.1	3.2	2.9	20.0
No Dryer	28.8	11.7	20.0	31.2	36.6	28.3	34.9	7.1
Cooking								
Number of Hot Meals								
Cooked in the Home								
3 or More Times a Day	6.9	5.1	7.4	6.1	6.2	6.3	8.5	11.9
2 Times a Day	25.3	23.9	25.3	24.2	26.2	25.2	26.1	6.4
Once a Day	41.6	41.8	41.4	42.4	42.4	42.4	40.1	4.0
A Few Times Each Week	20.1	24.2	19.4	21.6	19.5	21.1	17.8	6.9
About Once a Week	3.0	3.2	3.3	2.4	3.0	1.4	4.1	18.0
Less Than Once a Week	3.0	Q	3.2	3.3	2.4	3.5	3.0	18.7
Conventional Oven Use								
More Than Once a Day	8.1	8.7	9.0	7.7	6.6	7.6	8.7	10.9
Once a Day	20.2	24.4	19.5	21.8	18.7	20.2	18.9	6.5
Between Once a Day and Once a Week	34.4	34.2	36.3	34.9	34.1	33.4	33.4	4.4
Once a Week	14.9	14.0	16.2	14.4	15.7	16.5	13.7	7.2
Less Than Once a Week	21.2	17.6	18.2	20.5	23.7	21.0	23.5	6.8
Amount of Food Cooked in Microwave Oven								
Use a Microwave Oven	83.0	88.5	87.2	84.1	82.9	82.6	77.9	1.7
Most or All	7.2	5.7	9.2	7.9	7.6	6.5	6.2	12.8
About Half	18.2	19.2	20.3	20.4	17.8	17.9	15.2	7.4
Some or Very Little	21.9	28.7	20.6	23.4	20.8	22.6	19.7	6.4
Only for Defrosting, Reheating, or Snacks	35.6	34.8	37.2	32.4	36.7	35.6	36.8	5.3
No Microwave Oven	17.0	11.5	12.8	15.9	17.1	17.4	22.1	8.9

See footnotes at end of table.

**Table HC6-2b. Usage Indicators by Year of Construction,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.6	1.2	1.0	1.1	1.2	0.9	
Lights								
Outdoor Lights on All Night								
Used	25.9	25.4	28.8	25.7	25.0	27.9	24.1	6.0
Not Used	74.1	74.6	71.2	74.3	75.0	72.1	75.9	2.1
Gas Fireplace Usage During Winter Months								
Use a Gas Fireplace	2.7	8.4	4.0	2.0	1.9	2.0	1.0	23.8
Most Days	1.1	3.3	1.2	1.0	Q	Q	0.7	29.3
Almost Once a Week	0.7	2.9	1.3	Q	Q	Q	Q	31.1
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	Q	Q	60.3
Personal Computer Usage	35.1	50.4	42.3	37.0	33.0	27.6	28.3	4.9
Hours PC Turned On Each Week								
Less Than 2 Hours	8.1	9.1	6.8	9.0	8.7	6.0	8.4	11.1
2 to 15 Hours	17.1	26.7	22.7	18.3	14.6	14.6	12.0	7.3
16 to 40 Hours	6.6	9.6	7.9	6.2	6.5	4.4	5.9	12.1
On All The Time	3.3	4.9	4.9	3.5	3.2	2.6	1.9	17.9
Use of PCs Turned on 16 Hours a Week or More								
Personal Use Only	4.7	6.5	5.5	5.1	4.9	3.5	3.8	14.5
Business Use Only	2.1	5.0	2.3	1.3	2.2	1.6	1.6	23.5
Both Personal and Business	3.1	3.0	5.0	3.3	2.6	1.9	2.5	19.4
Business Use of PCs Turned on 16 Hours a Week or More								
Use to Telecommute	2.1	2.9	3.0	2.0	2.3	Q	1.6	21.2
Other Business Use	3.1	5.1	4.3	2.6	2.5	2.6	2.5	19.9
Battery Operated Appliances/Tools								
Use Battery Operated Appliances/Tools	43.7	54.1	46.4	44.7	43.2	42.3	38.7	4.0
How Maintained When Not in Use								
Plugged in All The Time	12.3	15.2	14.5	14.2	12.0	11.4	9.1	9.0
Recharged As Needed	26.6	32.7	26.6	26.9	25.6	27.0	24.6	5.6
Both Ways are Used	4.8	6.2	5.3	3.6	5.6	3.9	4.9	15.1
Don't Use Any	56.3	45.9	53.6	55.3	56.8	57.7	61.3	3.3

¹ New construction for 1997 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC6-3b. Usage Indicators by Household Income, Percent of U.S. Households, 1997

Usage Indicators	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.5	1.0	0.9	1.0	1.4	1.0	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities								
Home Used for Business								
Yes	7.2	3.0	4.4	7.8	11.7	3.5	4.1	13.1
No	92.8	97.0	95.6	92.2	88.3	96.5	95.9	1.1
Energy-Intensive Activity								
Yes	2.4	Q	1.9	2.4	3.5	1.2	1.7	19.3
No	97.6	99.1	98.1	97.6	96.5	98.8	98.3	NE
Someone Home All Day								
Yes	50.6	66.2	56.2	46.8	41.6	70.3	64.0	2.4
No	49.4	33.8	43.8	53.2	58.4	29.7	36.0	3.2
Heating								
Thermostat Available During Heating Season								
Yes	84.7	68.2	79.8	88.3	93.8	68.0	73.8	2.0
No	14.5	30.7	19.0	11.3	5.8	29.9	24.6	7.0
Do Not Heat Home	0.8	1.2	1.2	0.4	Q	2.2	1.6	25.9
Set-Back or Clock Thermostat in Home								
Yes	44.2	33.5	40.5	43.3	54.3	34.7	37.7	5.6
No	55.8	66.5	59.5	56.7	45.7	65.3	62.3	3.9
Use of Set-Back/Clock Thermostat for Heating								
Programming Features Used	11.5	4.0	6.2	11.6	20.6	4.4	6.4	10.1
Only Manual Controls Used	32.7	29.5	34.3	31.7	33.7	30.3	31.3	6.8
Winter Temperature Settings								
Lower When No One Home								
Yes	44.8	38.0	43.2	48.0	46.2	38.0	41.2	3.3
No	55.2	62.0	56.8	52.0	53.8	62.0	58.8	2.5
Lower During Sleeping Hours								
Yes	46.8	43.1	45.5	48.0	48.4	41.3	44.0	3.1
No	53.2	56.9	54.5	52.0	51.6	58.7	56.0	2.6
Daytime Winter Temperature When Someone is at Home								
Heat is Turned On	92.5	84.5	91.2	93.3	96.8	83.7	86.9	1.3
63 Degrees or Less	3.8	7.0	3.0	3.2	3.7	6.4	4.5	13.8
64 to 66 Degrees	8.1	6.0	7.7	9.2	8.4	6.8	7.1	9.7
67 to 69 Degrees	23.0	9.1	21.1	22.8	32.0	10.4	16.1	5.7
70 Degrees	25.3	25.2	26.8	24.7	24.3	25.6	25.3	4.8
71 to 73 Degrees	14.5	12.5	13.3	16.5	14.6	11.8	12.7	6.9
74 Degrees or More	17.8	24.7	19.3	16.9	13.9	22.7	21.3	5.4
Heat Turned Off	2.1	2.3	2.8	2.5	0.8	3.0	3.2	20.9
Unknown/No Answer	5.4	13.3	6.0	4.1	2.5	13.2	9.9	13.1

See footnotes at end of table.

**Table HC6-3b. Usage Indicators by Household Income,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.5	1.0	0.9	1.0	1.4	1.0	
Daytime Winter Temperature When No One is at Home								
Heat is Turned On	83.7	69.1	80.9	85.8	91.1	69.2	74.1	1.6
63 Degrees or Less	19.4	17.4	19.3	18.9	21.1	17.8	17.7	6.0
64 to 66 Degrees	16.3	10.8	14.2	17.7	19.6	11.8	13.8	5.9
67 to 69 Degrees	17.8	10.1	14.9	19.3	22.7	8.1	11.7	6.9
70 Degrees	14.6	13.7	17.1	13.9	13.2	14.8	15.2	6.2
71 to 73 Degrees	7.5	6.6	6.9	8.3	7.5	6.5	6.7	10.0
74 Degrees or More	8.1	10.4	8.4	7.7	7.1	10.2	8.9	9.2
Heat Turned Off	10.2	16.8	11.9	9.7	6.0	17.1	15.0	8.3
Unknown/No Answer	6.1	14.0	7.2	4.5	2.9	13.7	11.0	12.2
Winter Temperature During Sleeping Hours								
Heat is Turned On	87.8	74.2	85.5	89.9	94.4	74.6	79.2	1.6
63 Degrees or Less	16.2	15.0	16.1	15.2	18.0	14.9	15.1	6.6
64 to 66 Degrees	16.6	11.6	14.9	18.0	19.3	11.8	12.9	6.0
67 to 69 Degrees	19.3	12.3	16.7	19.3	25.3	11.2	15.1	6.4
70 Degrees	17.3	16.4	19.2	18.1	15.0	17.6	17.5	5.7
71 to 73 Degrees	8.3	5.8	8.0	9.5	8.4	5.7	7.1	9.3
74 Degrees or More	10.1	13.3	10.5	9.8	8.4	13.4	11.4	8.0
Heat Turned Off	7.1	13.1	8.9	6.2	3.6	13.0	11.4	9.9
Unknown/No Answer	5.0	12.7	5.6	3.9	2.1	12.3	9.4	13.7
Air-Conditioning								
Central Air-Conditioning Use								
Use a Central System	47.1	27.6	37.7	50.6	62.2	25.4	31.1	4.3
All Summer	24.3	12.7	20.6	25.2	32.6	12.3	15.8	6.8
Quite a Bit	10.3	5.8	7.0	11.1	15.0	5.3	6.2	9.7
Only a Few Times	12.2	8.9	9.7	13.9	14.4	7.4	8.8	9.7
Not at All	0.3	Q	Q	Q	Q	Q	Q	34.6
No Central System	52.9	72.4	62.3	49.4	37.8	74.6	68.9	2.8
Use of Set-Back/Clock Thermostat for Cooling								
Programming Features Used	4.9	Q	2.3	4.3	10.1	1.2	1.8	16.8
Only Manual Controls Used	13.3	8.1	11.6	13.4	17.3	8.0	9.6	10.4
Used Only for Heating	0.4	Q	Q	Q	0.8	Q	Q	36.8
Window Air-Conditioning Use								
Use Window Units	26.1	33.9	29.8	25.4	19.2	32.3	31.7	5.0
All Summer	5.6	9.0	6.8	4.1	4.3	8.7	8.0	10.4
Quite a Bit	6.5	7.0	6.1	8.0	5.0	6.8	6.5	10.9
Only a Few Times	13.3	17.5	16.1	12.7	9.1	16.3	16.2	6.9
Not at All	0.7	Q	0.8	0.7	0.8	Q	0.9	30.1
No Window Units	73.9	66.1	70.2	74.6	80.8	67.7	68.3	2.0
Hot Water								
Number of Showers/Baths Taken Each Week								
Fewer than 10	27.9	51.6	36.3	22.7	13.5	36.8	35.4	4.0
10 to 20	46.0	34.3	43.3	50.7	49.3	38.0	39.9	3.1
More than 20	26.0	13.2	20.4	26.6	37.2	24.7	24.3	4.6
Not Applicable	0.2	Q	Q	Q	Q	Q	Q	60.5

See footnotes at end of table.

**Table HC6-3b. Usage Indicators by Household Income,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.5	1.0	0.9	1.0	1.4	1.0	
Hot Water (continued)								
Dishwasher Use Each Week								
Use a Dishwasher	50.2	15.7	35.5	53.6	78.2	17.3	26.7	4.1
Less Than 4 Times	28.3	11.5	23.4	31.9	37.2	10.7	16.0	5.7
4 to 6 Times	12.7	2.9	7.6	12.3	23.2	4.2	5.8	9.0
At Least Once Each Day	9.2	1.3	4.4	9.3	17.8	2.4	4.9	11.7
No Dishwasher	49.8	84.3	64.5	46.4	21.8	82.7	73.3	2.5
Loads of Laundry Washed Each Week								
Use a Clothes Washer	77.4	52.7	69.0	81.5	93.4	58.0	63.3	2.4
1 Load or Less	5.2	8.6	6.8	4.4	2.8	7.1	6.3	11.4
2 to 9 Loads	29.4	25.7	30.5	30.2	29.1	21.5	25.6	4.6
10 to 15 Loads	10.0	3.1	6.4	11.0	15.9	7.3	7.3	8.2
More than 15 Loads	3.3	1.3	2.4	2.8	5.7	2.8	3.0	14.9
No Washing Machine	22.6	47.3	31.0	18.5	6.6	42.0	36.7	5.6
Clothes Dryer Usage								
Use a Clothes Dryer	71.2	36.2	61.0	77.1	91.8	41.5	51.2	2.8
Every Time Clothes are Washed	56.3	28.7	46.0	60.4	75.5	32.2	39.1	3.2
Some, but not All, Loads	12.8	6.1	12.3	14.5	14.5	7.7	10.1	8.2
Used Infrequently	2.1	1.5	2.7	2.2	1.8	1.6	2.0	19.7
No Dryer	28.8	63.8	39.0	22.9	8.2	58.5	48.8	4.3
Cooking								
Number of Hot Meals Cooked in the Home								
3 or More Times a Day	6.9	12.2	8.3	5.8	4.2	15.0	11.8	8.6
2 Times a Day	25.3	28.4	28.2	24.2	22.0	32.0	30.1	4.6
Once a Day	41.6	33.4	37.6	43.9	47.0	31.9	35.9	3.7
A Few Times Each Week	20.1	17.8	18.9	19.8	22.6	16.2	16.4	6.5
About Once a Week	3.0	3.6	3.5	3.1	2.2	2.2	2.6	15.1
Less Than Once a Week	3.0	4.1	3.2	3.1	2.0	2.6	3.0	16.9
Conventional Oven Use								
More Than Once a Day	8.1	9.5	8.4	7.7	7.8	10.9	10.8	8.7
Once a Day	20.2	17.6	18.4	20.5	23.0	18.7	19.4	5.7
Between Once a Day and Once a Week	34.4	26.5	30.9	36.5	39.3	26.0	28.5	4.2
Once a Week	14.9	13.6	15.4	15.6	14.2	13.3	14.1	6.3
Less Than Once a Week	21.2	29.4	25.6	19.0	15.1	28.4	25.2	5.0
Amount of Food Cooked in Microwave Oven								
Use a Microwave Oven	83.0	60.3	81.2	86.7	91.5	63.8	72.0	1.7
Most or All	7.2	6.9	8.2	7.0	6.7	5.7	6.8	11.3
About Half	18.2	12.6	15.8	19.6	21.7	12.0	13.0	6.9
Some or Very Little	21.9	12.9	19.7	23.9	26.4	15.3	18.3	6.3
Only for Defrosting, Reheating, or Snacks	35.6	28.0	37.4	36.3	36.8	30.8	33.9	4.4
No Microwave Oven	17.0	39.7	18.8	13.3	8.5	36.2	28.0	6.2

See footnotes at end of table.

Table HC6-3b. Usage Indicators by Household Income, Percent of U.S. Households, 1997 (Continued)

Usage Indicators	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.5	1.0	0.9	1.0	1.4	1.0	
Lights								
Outdoor Lights on All Night								
Used	25.9	21.3	23.1	25.8	31.2	23.3	22.1	5.5
Not Used	74.1	78.7	76.9	74.2	68.8	76.7	77.9	1.8
Gas Fireplace Usage During Winter Months								
Use a Gas Fireplace	2.7	Q	0.9	2.5	5.0	Q	1.1	23.3
Most Days	1.1	Q	Q	1.0	2.2	Q	Q	24.5
Almost Once a Week	0.7	Q	Q	0.7	1.4	Q	Q	28.4
Less Than 4 Times a Month	0.8	Q	Q	Q	1.4	Q	Q	39.2
Personal Computer Usage	35.1	9.7	16.5	36.9	64.5	13.1	15.8	4.9
Hours PC Turned On Each Week								
Less Than 2 Hours	8.1	2.8	4.2	9.8	12.5	3.7	4.0	10.5
2 to 15 Hours	17.1	3.4	8.0	18.3	31.9	5.3	6.9	8.1
16 to 40 Hours	6.6	3.2	3.1	5.8	12.6	3.1	4.1	12.5
On All The Time	3.3	Q	1.1	3.0	7.4	1.0	0.9	18.5
Use of PCs Turned on 16 Hours a Week or More								
Personal Use Only	4.7	2.3	2.3	4.1	9.1	2.9	2.9	14.9
Business Use Only	2.1	Q	Q	1.4	5.0	Q	0.7	21.2
Both Personal and Business	3.1	Q	1.2	3.3	6.0	Q	1.3	18.4
Business Use of PCs Turned on 16 Hours a Week or More								
Use to Telecommute	2.1	Q	0.8	2.0	4.4	Q	0.7	21.3
Other Business Use	3.1	Q	1.1	2.7	6.5	Q	1.4	20.1
Battery Operated Appliances/Tools								
Use Battery Operated Appliances/Tools	43.7	15.1	32.0	48.6	64.1	18.8	25.8	4.0
How Maintained When Not in Use								
Plugged in All The Time	12.3	3.8	9.1	13.4	18.4	4.6	6.6	8.7
Recharged As Needed	26.6	9.3	20.2	30.2	37.5	12.3	16.4	5.6
Both Ways are Used	4.8	2.0	2.7	5.0	8.2	2.0	2.8	13.3
Don't Use Any	56.3	84.9	68.0	51.4	35.9	81.2	74.2	2.0

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

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-4b. Usage Indicators by Type of Housing Unit,
Percent of U.S. Households, 1997**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.8	1.4	1.6	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	7.2	8.3	Q	5.6	4.0	14.6
No	92.8	91.7	97.9	94.4	96.0	0.8
Energy-Intensive Activity						
Yes	2.4	2.7	Q	1.6	Q	21.3
No	97.6	97.3	99.3	98.4	98.0	NE
Someone Home All Day						
Yes	50.6	52.8	50.0	40.6	50.0	3.5
No	49.4	47.2	50.0	59.4	50.0	3.4
Heating						
Thermostat Available During Heating Season						
Yes	84.7	88.7	79.9	67.5	85.7	2.1
No	14.5	10.8	20.1	30.6	12.7	9.2
Do Not Heat Home	0.8	0.5	Q	2.0	Q	39.5
Set-Back or Clock Thermostat in Home						
Yes	44.2	46.8	38.7	32.7	47.8	6.8
No	55.8	53.2	61.3	67.3	52.2	4.9
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.5	14.0	6.0	3.3	8.3	12.3
Only Manual Controls Used	32.7	32.8	32.6	29.4	39.5	8.2
Winter Temperature Settings						
Lower When No One Home						
Yes	44.8	47.3	38.3	35.3	45.2	4.0
No	55.2	52.7	61.7	64.7	54.8	2.9
Lower During Sleeping Hours						
Yes	46.8	50.0	40.9	33.7	46.5	4.2
No	53.2	50.0	59.1	66.3	53.5	3.3
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	92.5	95.3	90.3	79.7	93.7	1.4
63 Degrees or Less	3.8	3.5	3.7	5.2	2.9	16.5
64 to 66 Degrees	8.1	8.0	8.4	8.3	8.8	10.6
67 to 69 Degrees	23.0	26.3	16.4	13.2	15.2	7.1
70 Degrees	25.3	25.9	25.3	20.9	28.3	5.8
71 to 73 Degrees	14.5	15.4	13.5	9.5	17.4	8.0
74 Degrees or More	17.8	16.1	23.0	22.6	21.0	6.8
Heat Turned Off	2.1	1.5	Q	5.1	Q	24.8
Unknown/No Answer	5.4	3.1	7.8	15.2	4.9	15.8

See footnotes at end of table.

**Table HC6-4b. Usage Indicators by Type of Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.8	1.4	1.6	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	83.7	87.4	78.0	69.1	81.4	2.4
63 Degrees or Less	19.4	20.3	18.8	15.5	19.8	7.6
64 to 66 Degrees	16.3	17.5	14.0	11.6	17.0	7.4
67 to 69 Degrees	17.8	20.0	12.0	11.8	11.7	8.2
70 Degrees	14.6	14.8	13.3	13.3	16.4	8.2
71 to 73 Degrees	7.5	7.7	8.9	5.3	8.7	11.1
74 Degrees or More	8.1	7.2	11.0	11.6	7.8	11.0
Heat Turned Off	10.2	8.6	12.2	16.1	13.2	11.2
Unknown/No Answer	6.1	4.0	9.8	14.9	5.4	14.3
Winter Temperature During Sleeping Hours						
Heat is Turned On	87.8	91.2	83.6	74.2	85.7	2.0
63 Degrees or Less	16.2	17.6	13.1	11.1	15.1	8.6
64 to 66 Degrees	16.6	17.7	14.5	12.2	16.6	7.4
67 to 69 Degrees	19.3	21.6	13.6	12.2	15.2	7.7
70 Degrees	17.3	17.2	21.1	16.1	19.0	7.4
71 to 73 Degrees	8.3	8.5	8.9	6.9	8.9	9.8
74 Degrees or More	10.1	8.6	12.3	15.7	11.0	10.7
Heat Turned Off	7.1	5.9	8.9	10.9	10.5	13.5
Unknown/No Answer	5.0	2.8	7.5	14.9	3.8	16.7
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.1	50.1	29.0	41.5	41.8	5.7
All Summer	24.3	26.3	9.8	20.3	23.5	8.4
Quite a Bit	10.3	10.7	10.9	8.2	9.3	11.5
Only a Few Times	12.2	12.8	7.7	12.4	8.7	12.5
Not at All	0.3	0.3	Q	Q	Q	50.0
No Central System	52.9	49.9	71.0	58.5	58.2	4.1
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	4.9	6.0	Q	2.0	3.4	19.1
Only Manual Controls Used	13.3	13.9	7.5	12.5	13.0	13.2
Used Only for Heating	0.4	0.4	Q	Q	Q	48.9
Window Air-Conditioning Use						
Use Window Units	26.1	24.5	33.6	29.3	30.5	6.6
All Summer	5.6	5.3	4.2	5.8	9.6	13.3
Quite a Bit	6.5	6.2	7.9	7.1	7.2	11.5
Only a Few Times	13.3	12.3	20.3	15.5	13.4	9.0
Not at All	0.7	0.6	Q	Q	Q	37.3
No Window Units	73.9	75.5	66.4	70.7	69.5	2.6
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	27.9	24.7	35.9	38.7	30.0	5.0
10 to 20	46.0	47.1	43.4	42.0	46.0	3.6
More than 20	26.0	28.1	20.7	19.0	23.3	5.9
Not Applicable	0.2	Q	Q	Q	Q	73.7

See footnotes at end of table.

**Table HC6-4b. Usage Indicators by Type of Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.8	1.4	1.6	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	50.2	56.6	18.3	40.1	29.0	5.7
Less Than 4 Times	28.3	29.8	13.2	29.5	20.1	7.4
4 to 6 Times	12.7	15.5	2.6	6.6	5.1	11.4
At Least Once Each Day	9.2	11.3	Q	4.0	3.9	13.9
No Dishwasher	49.8	43.4	81.7	59.9	71.0	3.5
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	77.4	92.2	39.7	21.3	78.9	3.9
1 Load or Less	5.2	5.9	5.7	1.8	4.8	16.6
2 to 9 Loads	29.4	34.1	16.4	11.9	30.0	6.5
10 to 15 Loads	10.0	12.3	4.5	1.4	9.7	12.0
More than 15 Loads	3.3	4.1	Q	Q	3.0	16.3
No Washing Machine	22.6	7.8	60.3	78.7	21.1	5.9
Clothes Dryer Usage						
Use a Clothes Dryer	71.2	85.8	28.5	17.8	71.6	4.7
Every Time Clothes are Washed	56.3	67.4	23.3	16.0	55.6	5.1
Some, but not All, Loads	12.8	15.6	5.0	1.6	14.5	11.2
Used Infrequently	2.1	2.7	Q	Q	Q	19.2
No Dryer	28.8	14.2	71.5	82.2	28.4	4.9
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	6.9	6.4	8.3	8.4	7.8	10.8
2 Times a Day	25.3	25.8	19.3	24.0	28.3	6.0
Once a Day	41.6	42.8	38.2	36.7	41.5	4.4
A Few Times Each Week	20.1	20.0	21.6	22.4	13.4	7.6
About Once a Week	3.0	2.4	9.0	3.6	4.0	15.3
Less Than Once a Week	3.0	2.5	3.6	4.1	5.1	17.3
Conventional Oven Use						
More Than Once a Day	8.1	8.2	8.5	7.6	8.3	10.1
Once a Day	20.2	21.3	17.0	16.3	19.6	6.9
Between Once a Day and Once a Week	34.4	36.4	28.5	29.5	27.9	4.6
Once a Week	14.9	14.8	14.7	15.6	15.1	7.1
Less Than Once a Week	21.2	18.2	30.0	29.4	28.0	5.5
Amount of Food Cooked in Microwave Oven						
Use a Microwave Oven	83.0	86.7	67.8	71.6	81.4	2.0
Most or All	7.2	6.8	6.0	9.9	6.7	12.3
About Half	18.2	19.0	11.1	17.0	18.0	7.6
Some or Very Little	21.9	23.2	14.4	19.4	20.2	7.8
Only for Defrosting, Reheating, or Snacks	35.6	37.7	36.3	25.3	36.4	5.3
No Microwave Oven	17.0	13.3	32.2	28.4	18.6	7.6

See footnotes at end of table.

**Table HC6-4b. Usage Indicators by Type of Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.8	1.4	1.6	
Lights						
Outdoor Lights on All Night						
Used	25.9	28.9	16.0	15.3	26.5	7.2
Not Used	74.1	71.1	84.0	84.7	73.5	2.0
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	3.6	Q	Q	Q	25.4
Most Days	1.1	1.5	Q	Q	Q	30.1
Almost Once a Week	0.7	1.0	Q	Q	Q	38.4
Less Than 4 Times a Month	0.8	1.1	Q	Q	Q	58.6
Personal Computer Usage	35.1	39.6	21.5	26.4	15.5	5.6
Hours PC Turned On Each Week						
Less Than 2 Hours	8.1	9.5	3.6	4.8	3.8	13.7
2 to 15 Hours	17.1	19.5	11.1	12.2	7.3	8.3
16 to 40 Hours	6.6	7.2	5.4	5.5	2.9	13.7
On All The Time	3.3	3.5	Q	3.9	Q	16.9
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.7	5.0	5.2	3.7	3.3	15.5
Business Use Only	2.1	2.3	Q	2.1	Q	22.0
Both Personal and Business	3.1	3.3	Q	3.7	Q	19.0
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	2.1	Q	3.1	Q	19.7
Other Business Use	3.1	3.5	Q	2.7	Q	20.9
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	43.7	51.0	19.9	22.2	33.9	4.5
How Maintained When Not in Use						
Plugged in All The Time	12.3	14.2	4.9	6.8	10.7	10.1
Recharged As Needed	26.6	30.8	14.1	13.5	22.1	5.9
Both Ways are Used	4.8	6.1	Q	1.9	Q	17.6
Don't Use Any	56.3	49.0	80.1	77.8	66.1	2.2

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. • Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-5b. Usage Indicators by Type of Owner-Occupied Housing Unit,
Percent of U.S. Households, 1997**

Usage Indicators	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	2.5	2.4	1.2	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	8.5	8.9	Q	Q	3.9	21.2
No	91.5	91.1	92.4	90.0	96.1	1.7
Energy-Intensive Activity						
Yes	2.7	2.7	Q	Q	Q	31.3
No	97.3	97.3	100.0	98.3	97.7	0.8
Someone Home All Day						
Yes	53.5	53.8	59.4	48.9	50.1	4.6
No	46.5	46.2	40.6	51.1	49.9	5.2
Heating						
Thermostat Available During Heating Season						
Yes	90.1	90.7	90.0	74.0	86.4	2.5
No	9.4	8.9	Q	22.3	12.8	17.1
Do Not Heat Home	0.5	0.5	Q	Q	Q	49.6
Set-Back or Clock Thermostat in Home						
Yes	48.3	48.5	47.3	41.6	48.1	8.3
No	51.7	51.5	52.7	58.4	51.9	7.3
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	14.9	15.4	Q	Q	9.3	15.0
Only Manual Controls Used	33.4	33.0	31.4	31.9	38.8	11.2
Winter Temperature Settings						
Lower When No One Home						
Yes	46.7	47.1	33.3	35.9	46.1	6.5
No	53.3	52.9	66.7	64.1	53.9	4.6
Lower During Sleeping Hours						
Yes	50.6	51.0	46.8	47.8	47.1	6.6
No	49.4	49.0	53.2	52.2	52.9	6.3
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	95.8	96.4	87.6	80.3	93.8	2.3
63 Degrees or Less	3.0	3.1	Q	Q	Q	30.3
64 to 66 Degrees	7.7	7.7	Q	Q	8.3	16.1
67 to 69 Degrees	26.5	27.6	24.1	21.1	15.0	10.6
70 Degrees	26.2	26.3	27.2	14.2	27.0	8.9
71 to 73 Degrees	16.5	16.3	Q	Q	19.3	11.3
74 Degrees or More	16.0	15.5	Q	Q	21.9	10.2
Heat Turned Off	1.3	1.2	Q	Q	Q	67.8
Unknown/No Answer	2.9	2.4	Q	15.8	4.5	30.1

See footnotes at end of table.

**Table HC6-5b. Usage Indicators by Type of Owner-Occupied Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	2.5	2.4	1.2	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	88.5	89.4	85.7	65.9	83.4	3.5
63 Degrees or Less	19.8	20.0	18.7	Q	20.5	10.5
64 to 66 Degrees	17.7	18.0	Q	Q	17.2	10.1
67 to 69 Degrees	20.0	20.9	Q	16.5	11.6	11.5
70 Degrees	15.1	15.2	Q	Q	15.8	12.3
71 to 73 Degrees	8.3	8.1	Q	Q	9.9	15.8
74 Degrees or More	7.4	7.2	Q	Q	8.4	18.0
Heat Turned Off	7.9	7.4	Q	16.1	12.3	20.2
Unknown/No Answer	3.6	3.2	Q	18.0	4.4	26.0
Winter Temperature During Sleeping Hours						
Heat is Turned On	91.8	92.9	85.7	66.1	85.8	3.1
63 Degrees or Less	17.3	17.8	Q	Q	13.3	12.7
64 to 66 Degrees	18.2	18.3	Q	Q	17.8	9.7
67 to 69 Degrees	22.1	22.8	19.8	16.9	15.6	12.3
70 Degrees	17.0	17.0	Q	Q	18.2	11.4
71 to 73 Degrees	8.7	8.7	Q	Q	9.7	14.3
74 Degrees or More	8.6	8.4	Q	Q	11.2	18.9
Heat Turned Off	5.6	4.9	Q	18.1	11.1	20.5
Unknown/No Answer	2.6	2.2	Q	15.8	3.1	30.2
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	53.1	54.3	41.1	33.4	45.3	8.0
All Summer	27.9	28.5	Q	22.2	25.3	10.9
Quite a Bit	11.5	11.7	Q	Q	10.1	16.7
Only a Few Times	13.3	13.8	Q	Q	9.6	18.5
Not at All	0.3	0.3	Q	Q	Q	65.2
No Central System	46.9	45.7	58.9	66.6	54.7	6.6
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	6.2	6.6	Q	Q	4.1	23.3
Only Manual Controls Used	14.9	15.1	Q	Q	13.4	19.1
Used Only for Heating	0.5	0.4	Q	Q	Q	68.9
Window Air-Conditioning Use						
Use Window Units	24.4	23.4	42.2	42.3	29.2	9.9
All Summer	5.3	4.9	Q	Q	8.5	22.3
Quite a Bit	6.1	5.9	Q	Q	6.7	17.4
Only a Few Times	12.4	11.9	21.1	24.8	13.7	14.9
Not at All	0.7	0.7	Q	Q	Q	57.8
No Window Units	75.6	76.6	57.8	57.7	70.8	4.6
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	26.1	24.7	33.2	67.8	31.0	7.7
10 to 20	46.9	47.6	43.6	25.4	44.7	6.8
More than 20	26.9	27.7	23.1	Q	23.5	9.5
Not Applicable	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

**Table HC6-5b. Usage Indicators by Type of Owner-Occupied Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	2.5	2.4	1.2	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	58.9	61.7	31.9	48.9	33.3	7.0
Less Than 4 Times	31.8	32.5	25.8	36.5	23.2	9.7
4 to 6 Times	16.2	17.4	Q	Q	5.9	13.9
At Least Once Each Day	11.0	11.9	Q	Q	4.3	17.2
No Dishwasher	41.1	38.3	68.1	51.1	66.7	6.1
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	93.0	95.6	62.5	35.5	81.0	5.7
1 Load or Less	6.2	6.3	Q	Q	5.0	20.8
2 to 9 Loads	34.9	35.7	19.2	23.9	31.4	8.4
10 to 15 Loads	12.1	12.4	Q	Q	10.1	15.6
More than 15 Loads	4.2	4.4	Q	Q	2.7	25.0
No Washing Machine	7.0	4.4	37.5	64.5	19.0	14.2
Clothes Dryer Usage						
Use a Clothes Dryer	87.6	90.2	54.0	31.9	75.0	6.4
Every Time Clothes are Washed	68.4	70.5	40.3	26.3	58.0	6.2
Some, but not All, Loads	16.4	16.7	Q	Q	15.4	11.7
Used Infrequently	2.8	3.0	Q	Q	Q	27.5
No Dryer	12.4	9.8	46.0	68.1	25.0	10.8
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	6.1	5.9	Q	Q	7.3	18.0
2 Times a Day	25.7	25.6	20.8	21.8	27.8	8.9
Once a Day	43.9	44.3	33.2	38.6	42.4	6.3
A Few Times Each Week	18.9	19.5	Q	16.3	12.8	13.7
About Once a Week	2.7	2.3	Q	Q	4.2	25.5
Less Than Once a Week	2.8	2.4	Q	Q	5.6	27.6
Conventional Oven Use						
More Than Once a Day	7.7	7.6	Q	Q	8.5	16.1
Once a Day	20.9	21.1	19.0	Q	19.9	10.7
Between Once a Day and Once a Week	36.5	37.8	Q	27.2	27.4	7.2
Once a Week	14.9	14.7	Q	26.8	14.7	10.2
Less Than Once a Week	19.0	17.9	38.9	21.5	28.6	9.2
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	87.6	88.4	75.6	75.7	83.1	2.9
Most or All	6.9	6.8	Q	17.8	6.7	17.2
About Half	18.8	19.1	Q	19.1	17.7	11.0
Some or Very Little	23.3	23.7	21.8	18.8	20.2	10.9
Only for Defrosting, Reheating, or Snacks	38.6	38.9	42.9	20.0	38.6	8.3
No Microwave Oven	12.4	11.6	24.4	24.3	16.9	14.0

See footnotes at end of table.

Table HC6-5b. Usage Indicators by Type of Owner-Occupied Housing Unit, Percent of U.S. Households, 1997 (Continued)

Usage Indicators	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	2.5	2.4	1.2	
Lights						
Outdoor Lights on All Night						
Used	29.5	30.1	24.9	Q	27.3	9.5
Not Used	70.5	69.9	75.1	87.0	72.7	3.3
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	3.9	4.3	Q	Q	Q	33.7
Most Days	1.6	1.7	Q	Q	Q	39.9
Almost Once a Week	1.1	1.2	Q	Q	Q	50.6
Less Than 4 Times a Month	1.2	1.3	Q	Q	Q	77.3
Personal Computer Usage	38.8	41.5	Q	20.5	15.9	8.3
Hours PC Turned On Each Week						
Less Than 2 Hours	9.4	10.1	Q	Q	4.2	18.7
2 to 15 Hours	18.9	20.2	Q	Q	6.7	12.4
16 to 40 Hours	7.1	7.6	Q	Q	3.3	18.7
On All The Time	3.4	3.6	Q	Q	Q	26.5
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	5.0	5.2	Q	Q	3.9	22.7
Business Use Only	2.4	2.6	Q	Q	Q	31.7
Both Personal and Business	3.1	3.4	Q	Q	Q	25.0
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.0	2.2	Q	Q	Q	30.1
Other Business Use	3.5	3.8	Q	Q	Q	25.8
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	52.5	54.5	38.3	29.6	36.9	5.9
How Maintained When Not in Use						
Plugged in All The Time	15.1	15.4	Q	Q	11.8	12.9
Recharged As Needed	31.4	32.5	20.4	18.9	23.9	9.1
Both Ways are Used	6.0	6.6	Q	Q	Q	22.5
Don't Use Any	47.5	45.5	61.7	70.4	63.1	4.3

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. • All temperatures listed are in degrees Fahrenheit. • Because of rounding, data may not sum to totals. • Percentages are calculated on unrounded numbers. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC6-6b. Usage Indicators by Type of Rented Housing Unit,
Percent of U.S. Households, 1997**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.7	1.3	0.9	2.2	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	4.6	5.3	Q	5.2	Q	24.0
No	95.4	94.7	99.0	94.8	95.6	0.9
Energy-Intensive Activity						
Yes	1.8	2.4	Q	1.6	Q	35.1
No	98.2	97.6	99.2	98.4	99.3	NE
Someone Home All Day						
Yes	44.5	48.0	48.2	39.9	49.5	6.1
No	55.5	52.0	51.8	60.1	50.5	5.2
Heating						
Thermostat Available During Heating Season						
Yes	73.7	79.2	77.9	66.9	82.5	3.6
No	25.1	20.1	22.1	31.2	Q	11.2
Do Not Heat Home	1.2	Q	Q	1.8	Q	55.8
Set-Back or Clock Thermostat in Home						
Yes	35.8	38.8	36.9	32.0	46.1	9.3
No	64.2	61.2	63.1	68.0	53.9	5.7
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	4.5	6.8	4.1	2.8	Q	23.7
Only Manual Controls Used	31.3	32.0	32.9	29.2	42.7	10.3
Winter Temperature Settings						
Lower When No One Home						
Yes	40.9	48.1	39.3	35.3	40.8	6.4
No	59.1	51.9	60.7	64.7	59.2	4.4
Lower During Sleeping Hours						
Yes	38.7	45.1	39.8	32.6	43.6	6.4
No	61.3	54.9	60.2	67.4	56.4	4.3
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	85.7	90.2	90.8	79.6	92.8	2.2
63 Degrees or Less	5.3	5.8	3.8	5.4	Q	21.1
64 to 66 Degrees	9.1	9.8	9.6	8.1	Q	16.1
67 to 69 Degrees	15.9	20.1	14.8	12.6	16.4	12.4
70 Degrees	23.4	24.2	24.9	21.4	34.3	9.3
71 to 73 Degrees	10.4	11.3	13.0	9.1	Q	14.6
74 Degrees or More	21.5	19.1	24.6	23.1	16.6	10.6
Heat Turned Off	3.7	3.0	Q	5.2	Q	21.7
Unknown/No Answer	10.6	6.8	7.6	15.1	Q	16.8

See footnotes at end of table.

**Table HC6-6b. Usage Indicators by Type of Rented Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.7	1.3	0.9	2.2	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	73.7	77.9	76.4	69.3	71.8	3.6
63 Degrees or Less	18.5	21.5	18.8	16.0	16.7	11.7
64 to 66 Degrees	13.4	14.9	14.4	11.6	16.1	13.2
67 to 69 Degrees	13.1	15.5	12.0	11.4	12.2	14.6
70 Degrees	13.4	12.8	13.5	13.4	19.5	13.1
71 to 73 Degrees	5.7	6.0	7.4	5.2	Q	20.4
74 Degrees or More	9.5	7.1	10.3	11.6	Q	17.6
Heat Turned Off	15.2	14.5	13.6	16.1	17.6	13.6
Unknown/No Answer	11.2	7.6	9.9	14.6	Q	16.4
Winter Temperature During Sleeping Hours						
Heat is Turned On	79.6	83.1	83.2	74.9	85.1	3.0
63 Degrees or Less	13.9	16.8	13.2	10.9	23.7	12.3
64 to 66 Degrees	13.3	14.9	13.0	12.2	10.6	13.2
67 to 69 Degrees	13.5	16.0	12.3	11.8	13.1	12.0
70 Degrees	18.1	18.1	21.8	16.6	22.7	10.9
71 to 73 Degrees	7.5	7.4	9.8	6.9	Q	15.7
74 Degrees or More	13.2	10.0	13.0	16.4	Q	15.5
Heat Turned Off	10.4	11.0	9.7	10.3	Q	17.1
Unknown/No Answer	10.0	5.9	7.1	14.8	Q	17.9
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	34.6	29.8	26.6	42.1	24.4	10.2
All Summer	16.7	15.6	9.4	20.2	14.7	14.2
Quite a Bit	7.7	6.3	9.0	8.6	Q	20.8
Only a Few Times	9.9	7.8	7.6	13.0	Q	21.5
Not at All	Q	Q	Q	Q	Q	NF
No Central System	65.4	70.2	73.4	57.9	75.6	4.6
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	2.1	2.7	Q	2.1	Q	38.4
Only Manual Controls Used	10.0	8.1	7.3	12.4	Q	19.2
Used Only for Heating	Q	Q	Q	Q	Q	NF
Window Air-Conditioning Use						
Use Window Units	29.6	29.6	31.9	28.3	36.6	8.9
All Summer	6.2	7.1	3.8	5.7	14.7	17.4
Quite a Bit	7.4	7.6	7.3	7.1	Q	19.5
Only a Few Times	15.3	14.5	20.2	14.7	12.3	11.6
Not at All	0.6	Q	Q	Q	Q	87.8
No Window Units	70.4	70.4	68.1	71.7	63.4	4.0
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	31.6	24.8	36.4	36.3	25.2	9.1
10 to 20	44.1	44.7	43.3	43.3	52.2	5.5
More than 20	24.0	30.1	20.3	20.0	22.6	9.6
Not Applicable	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

**Table HC6-6b. Usage Indicators by Type of Rented Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.7	1.3	0.9	2.2	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	32.0	31.5	15.6	39.4	Q	11.3
Less Than 4 Times	21.0	16.9	10.7	29.0	Q	13.8
4 to 6 Times	5.5	6.1	Q	6.3	Q	19.6
At Least Once Each Day	5.5	8.5	Q	4.2	Q	22.8
No Dishwasher	68.0	68.5	84.4	60.6	92.0	3.7
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	45.0	75.4	35.2	20.2	68.6	6.7
1 Load or Less	3.1	4.1	5.0	1.6	Q	28.7
2 to 9 Loads	17.9	26.3	15.8	10.9	23.0	12.5
10 to 15 Loads	5.7	11.6	2.3	1.4	Q	22.8
More than 15 Loads	1.4	2.6	Q	Q	Q	35.9
No Washing Machine	55.0	24.6	64.8	79.8	31.4	6.4
Clothes Dryer Usage						
Use a Clothes Dryer	37.2	64.5	23.5	16.7	54.9	8.9
Every Time Clothes are Washed	31.1	52.8	19.9	15.2	43.8	10.1
Some, but not All, Loads	5.2	10.1	3.3	Q	Q	19.4
Used Infrequently	0.8	1.6	Q	Q	Q	45.6
No Dryer	62.8	35.5	76.5	83.3	45.1	5.4
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	8.7	9.2	7.8	8.4	10.0	16.8
2 Times a Day	24.5	26.5	19.0	24.2	31.1	9.2
Once a Day	36.7	35.9	39.2	36.6	37.1	6.8
A Few Times Each Week	22.5	22.6	22.5	22.8	16.3	10.6
About Once a Week	3.8	2.5	8.9	3.2	Q	23.8
Less Than Once a Week	3.4	3.2	Q	3.9	Q	28.4
Conventional Oven Use						
More Than Once a Day	9.1	11.3	8.1	7.7	Q	15.5
Once a Day	18.8	22.3	16.6	16.5	17.8	10.6
Between Once a Day and Once a Week	29.9	29.5	31.4	29.7	30.4	7.4
Once a Week	15.0	15.3	14.4	14.7	17.5	12.8
Less Than Once a Week	25.6	19.7	28.2	30.0	24.7	8.9
Amount of Food Cooked in Microwave Oven						
Use a Microwave Oven	73.3	78.4	66.2	71.2	73.0	3.1
Most or All	7.9	6.9	6.5	9.3	Q	19.0
About Half	16.8	18.4	11.8	16.8	19.7	11.6
Some or Very Little	19.1	21.0	13.0	19.4	20.2	13.1
Only for Defrosting, Reheating, or Snacks	29.5	32.2	35.0	25.7	26.1	8.3
No Microwave Oven	26.7	21.6	33.8	28.8	27.0	8.1

See footnotes at end of table.

Table HC6-6b. Usage Indicators by Type of Rented Housing Unit, Percent of U.S. Households, 1997 (Continued)

Usage Indicators	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.7	1.3	0.9	2.2	
Lights						
Outdoor Lights on All Night						
Used	18.4	23.1	14.3	15.4	22.6	12.5
Not Used	81.6	76.9	85.7	84.6	77.4	2.8
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	Q	Q	Q	Q	Q	NF
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
Personal Computer Usage	27.2	30.6	22.3	26.9	13.3	9.4
Hours PC Turned On Each Week						
Less Than 2 Hours	5.2	6.1	4.2	5.0	Q	22.1
2 to 15 Hours	13.6	16.4	10.8	12.3	Q	13.0
16 to 40 Hours	5.4	5.3	6.2	5.5	Q	22.7
On All The Time	3.1	2.9	Q	4.1	Q	28.7
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.0	4.1	5.9	3.6	Q	26.3
Business Use Only	1.5	Q	Q	2.3	Q	32.5
Both Personal and Business	2.9	3.0	Q	3.7	Q	33.1
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.2	1.9	Q	3.2	Q	32.8
Other Business Use	2.2	2.2	Q	2.8	Q	37.5
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	25.5	33.9	16.2	21.7	19.4	9.7
How Maintained When Not in Use						
Plugged in All The Time	6.5	8.2	Q	6.5	Q	15.8
Recharged As Needed	16.6	22.4	12.9	13.1	13.4	12.0
Both Ways are Used	2.4	3.4	Q	2.0	Q	44.3
Don't Use Any	74.5	66.1	83.8	78.3	80.6	2.9

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

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. • All temperatures listed are in degrees Fahrenheit. • Because of rounding, data may not sum to totals. • Percentages are calculated on unrounded numbers. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC6-7b. Usage Indicators by Four Most Populated States,
Percent of U.S. Households, 1997**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.2	1.1	1.3	1.5	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	7.2	7.4	7.5	6.0	6.4	13.5
No	92.8	92.6	92.5	94.0	93.6	2.2
Energy-Intensive Activity						
Yes	2.4	Q	3.2	2.1	Q	26.0
No	97.6	98.3	96.8	97.9	97.1	1.5
Someone Home All Day						
Yes	50.6	55.4	50.8	49.9	57.1	3.2
No	49.4	44.6	49.2	50.1	42.9	3.6
Heating						
Thermostat Available During Heating Season						
Yes	84.7	67.6	76.2	83.7	85.1	3.2
No	14.5	32.1	22.8	15.9	11.1	13.1
Do Not Heat Home	0.8	0.3	Q	Q	Q	24.0
Set-Back or Clock Thermostat in Home						
Yes	44.2	37.1	51.0	54.1	60.0	8.1
No	55.8	62.9	49.0	45.9	40.0	7.8
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.5	12.7	13.7	9.6	12.3	15.8
Only Manual Controls Used	32.7	24.5	37.3	44.5	47.7	11.0
Winter Temperature Settings						
Lower When No One Home						
Yes	44.8	34.4	59.2	42.7	38.9	4.0
No	55.2	65.6	40.8	57.3	61.1	3.1
Lower During Sleeping Hours						
Yes	46.8	39.2	64.6	45.7	43.0	3.9
No	53.2	60.8	35.4	54.3	57.0	3.6
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	92.5	84.3	85.6	91.8	79.4	2.7
63 Degrees or Less	3.8	3.8	6.3	1.3	1.2	26.4
64 to 66 Degrees	8.1	10.3	13.8	5.1	6.1	12.7
67 to 69 Degrees	23.0	22.8	21.5	15.6	9.8	9.1
70 Degrees	25.3	22.6	25.4	24.2	14.9	8.2
71 to 73 Degrees	14.5	11.1	7.3	14.4	14.9	8.3
74 Degrees or More	17.8	13.8	11.2	31.2	32.4	8.9
Heat Turned Off	2.1	Q	9.8	Q	10.3	22.0
Unknown/No Answer	5.4	15.7	4.6	7.7	10.4	22.3

See footnotes at end of table.

**Table HC6-7b. Usage Indicators by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.2	1.1	1.3	1.5	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	83.7	82.4	58.3	79.8	61.6	3.3
63 Degrees or Less	19.4	17.5	22.2	16.5	9.0	13.5
64 to 66 Degrees	16.3	17.0	13.2	9.7	11.1	9.9
67 to 69 Degrees	17.8	17.2	9.6	15.0	6.7	11.0
70 Degrees	14.6	16.4	8.4	20.7	9.6	10.6
71 to 73 Degrees	7.5	6.7	2.4	6.8	6.9	14.2
74 Degrees or More	8.1	7.6	Q	11.1	18.3	12.5
Heat Turned Off	10.2	1.4	35.8	12.7	28.1	11.7
Unknown/No Answer	6.1	16.2	5.9	7.4	10.2	18.7
Winter Temperature During Sleeping Hours						
Heat is Turned On	87.8	83.0	64.6	89.1	73.1	3.0
63 Degrees or Less	16.2	15.8	21.4	11.0	4.7	13.3
64 to 66 Degrees	16.6	19.4	13.1	15.8	10.7	7.5
67 to 69 Degrees	19.3	19.2	11.6	15.7	10.3	8.8
70 Degrees	17.3	14.5	10.9	21.6	11.4	10.3
71 to 73 Degrees	8.3	5.1	3.1	8.9	11.3	13.5
74 Degrees or More	10.1	8.9	4.5	16.0	24.6	16.4
Heat Turned Off	7.1	1.2	31.6	4.9	16.9	17.7
Unknown/No Answer	5.0	15.8	3.8	6.0	10.0	23.1
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.1	18.5	28.9	69.1	83.2	5.3
All Summer	24.3	5.4	6.1	52.8	61.0	9.4
Quite a Bit	10.3	6.4	7.0	8.9	10.6	12.6
Only a Few Times	12.2	6.7	14.6	6.9	10.4	16.1
Not at All	0.3	Q	1.2	0.5	1.1	29.0
No Central System	52.9	81.5	71.1	30.9	16.8	5.2
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	4.9	3.0	2.2	10.1	9.3	16.7
Only Manual Controls Used	13.3	5.8	6.0	30.9	40.3	16.7
Used Only for Heating	0.4	Q	Q	Q	Q	57.5
Window Air-Conditioning Use						
Use Window Units	26.1	44.5	12.9	23.5	14.8	10.0
All Summer	5.6	5.5	1.9	10.0	4.9	22.7
Quite a Bit	6.5	11.5	2.3	5.9	3.3	18.6
Only a Few Times	13.3	27.1	8.4	7.6	5.4	11.2
Not at All	0.7	Q	Q	Q	1.1	36.2
No Window Units	73.9	55.5	87.1	76.5	85.2	2.9
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	27.9	28.0	24.7	23.5	21.8	6.9
10 to 20	46.0	45.5	49.5	40.5	42.8	4.4
More than 20	26.0	26.2	25.5	35.7	34.6	6.7
Not Applicable	0.2	0.4	0.3	Q	Q	43.3

See footnotes at end of table.

**Table HC6-7b. Usage Indicators by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.2	1.1	1.3	1.5	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	50.2	46.0	47.5	54.7	58.0	6.1
Less Than 4 Times	28.3	25.9	27.8	30.0	35.7	8.6
4 to 6 Times	12.7	11.1	12.0	13.1	13.7	11.7
At Least Once Each Day	9.2	9.0	7.6	11.6	8.7	12.7
No Dishwasher	49.8	54.0	52.5	45.3	42.0	6.4
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	77.4	66.6	60.7	73.0	81.8	4.3
1 Load or Less	5.2	6.3	4.7	4.2	6.8	19.2
2 to 9 Loads	29.4	28.6	24.2	23.6	35.9	7.5
10 to 15 Loads	10.0	7.8	5.7	10.6	9.2	12.4
More than 15 Loads	3.3	3.1	1.5	3.8	2.2	23.7
No Washing Machine	22.6	33.4	39.3	27.0	18.2	11.5
Clothes Dryer Usage						
Use a Clothes Dryer	71.2	54.5	57.1	69.6	73.7	4.1
Every Time Clothes are Washed	56.3	40.0	47.4	61.6	64.6	6.1
Some, but not All, Loads	12.8	11.3	8.3	7.1	7.2	15.5
Used Infrequently	2.1	3.1	1.4	Q	1.9	20.1
No Dryer	28.8	45.5	42.9	30.4	26.3	7.9
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	6.9	8.6	8.6	8.1	12.8	11.6
2 Times a Day	25.3	19.5	25.4	25.9	21.2	8.5
Once a Day	41.6	43.0	41.7	37.4	41.3	6.9
A Few Times Each Week	20.1	20.3	19.3	20.4	18.7	10.5
About Once a Week	3.0	4.2	1.5	5.2	2.8	20.8
Less Than Once a Week	3.0	Q	3.3	2.9	3.2	28.5
Conventional Oven Use						
More Than Once a Day	8.1	7.5	7.7	9.3	7.8	17.4
Once a Day	20.2	16.5	16.4	22.2	19.5	8.7
Between Once a Day and Once a Week	34.4	29.4	32.2	34.2	30.7	6.9
Once a Week	14.9	17.8	11.8	13.7	19.0	8.2
Less Than Once a Week	21.2	28.0	29.5	19.6	21.5	8.4
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	83.0	75.9	82.1	79.7	84.0	2.1
Most or All	7.2	6.1	8.8	7.7	7.5	16.8
About Half	18.2	9.6	20.6	18.7	20.4	9.0
Some or Very Little	21.9	20.3	20.9	16.0	20.5	12.6
Only for Defrosting, Reheating, or Snacks	35.6	39.9	31.9	37.3	35.5	6.8
No Microwave Oven	17.0	24.1	17.9	20.3	16.0	9.3

See footnotes at end of table.

**Table HC6-7b. Usage Indicators by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.2	1.1	1.3	1.5	
Lights						
Outdoor Lights on All Night						
Used	25.9	19.6	20.4	35.8	29.6	9.4
Not Used	74.1	80.4	79.6	64.2	70.4	3.3
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	1.6	Q	Q	Q	13.8
Most Days	1.1	Q	Q	Q	Q	39.1
Almost Once a Week	0.7	1.0	Q	Q	Q	40.4
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	76.4
Personal Computer Usage	35.1	31.6	39.9	36.7	33.2	5.9
Hours PC Turned On Each Week						
Less Than 2 Hours	8.1	6.6	6.8	6.6	5.2	17.3
2 to 15 Hours	17.1	15.5	19.9	18.8	17.4	10.8
16 to 40 Hours	6.6	7.2	9.1	6.3	6.0	14.3
On All The Time	3.3	2.3	4.1	5.0	4.6	17.5
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.7	3.6	5.3	6.8	4.9	16.2
Business Use Only	2.1	2.0	3.6	1.0	Q	27.8
Both Personal and Business	3.1	3.9	4.2	3.4	5.7	24.8
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	2.4	4.3	2.2	Q	22.9
Other Business Use	3.1	3.6	3.5	Q	4.8	27.4
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools						
How Maintained When Not in Use						
Plugged in All The Time	12.3	9.2	8.1	12.5	13.7	11.9
Recharged As Needed	26.6	26.7	26.0	26.5	26.2	7.1
Both Ways are Used	4.8	2.9	9.6	7.1	2.3	17.4
Don't Use Any	56.3	61.1	56.3	54.0	57.9	3.8

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC6-8b. Usage Indicators by Urban/Rural Location, Percent of U.S. Households, 1997

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
		0.6	0.8	1.3	1.3	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	7.2	6.0	5.7	7.0	13.1	11.0
No	92.8	94.0	94.3	93.0	86.9	0.9
Energy-Intensive Activity						
Yes	2.4	1.9	1.8	2.8	3.7	18.3
No	97.6	98.1	98.2	97.2	96.3	NE
Someone Home All Day						
Yes	50.6	49.0	52.7	51.3	52.0	2.7
No	49.4	51.0	47.3	48.7	48.0	2.8
Heating						
Thermostat Available During Heating Season						
Yes	84.7	80.7	88.3	93.1	83.2	1.4
No	14.5	18.3	11.5	6.0	16.4	9.5
Do Not Heat Home	0.8	1.0	Q	0.9	Q	25.2
Set-Back or Clock Thermostat in Home						
Yes	44.2	43.2	44.2	50.9	39.7	5.6
No	55.8	56.8	55.8	49.1	60.3	4.5
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.5	10.8	10.4	16.9	8.7	9.1
Only Manual Controls Used	32.7	32.4	33.9	34.0	31.0	7.4
Winter Temperature Settings						
Lower When No One Home						
Yes	44.8	43.2	47.9	44.0	46.8	3.0
No	55.2	56.8	52.1	56.0	53.2	2.5
Lower During Sleeping Hours						
Yes	46.8	45.5	49.1	46.8	47.7	3.1
No	53.2	54.5	50.9	53.2	52.3	2.8
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	92.5	89.2	95.4	94.9	96.2	1.0
63 Degrees or Less	3.8	4.1	4.7	1.9	3.7	16.2
64 to 66 Degrees	8.1	7.2	9.7	7.8	9.7	9.1
67 to 69 Degrees	23.0	19.7	24.8	30.2	22.8	4.8
70 Degrees	25.3	24.5	26.0	24.8	27.1	4.3
71 to 73 Degrees	14.5	14.0	13.8	15.4	16.0	6.7
74 Degrees or More	17.8	19.8	16.5	14.8	16.9	6.4
Heat Turned Off	2.1	3.2	1.4	Q	Q	20.7
Unknown/No Answer	5.4	7.6	3.2	4.0	3.0	18.3

See footnotes at end of table.

**Table HC6-8b. Usage Indicators by Urban/Rural Location,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.3	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	83.7	77.7	88.9	89.4	88.8	1.5
63 Degrees or Less	19.4	16.9	23.8	19.4	22.0	5.6
64 to 66 Degrees	16.3	14.8	18.9	16.8	17.2	5.1
67 to 69 Degrees	17.8	15.5	18.2	23.0	18.2	6.0
70 Degrees	14.6	14.0	14.8	14.8	15.9	6.0
71 to 73 Degrees	7.5	7.2	6.3	8.8	8.1	9.8
74 Degrees or More	8.1	9.4	6.9	6.5	7.5	9.8
Heat Turned Off	10.2	14.4	6.7	5.9	6.8	11.1
Unknown/No Answer	6.1	7.9	4.3	4.7	4.4	15.6
Winter Temperature During Sleeping Hours						
Heat is Turned On	87.8	83.1	91.9	92.7	91.6	1.2
63 Degrees or Less	16.2	14.5	20.2	14.1	19.1	6.7
64 to 66 Degrees	16.6	14.6	16.6	20.2	18.4	5.0
67 to 69 Degrees	19.3	16.1	22.9	24.0	19.5	5.8
70 Degrees	17.3	17.4	17.5	16.8	17.6	5.4
71 to 73 Degrees	8.3	8.7	6.7	8.8	8.3	9.1
74 Degrees or More	10.1	11.9	8.0	8.8	8.7	9.4
Heat Turned Off	7.1	9.8	5.5	3.5	5.5	13.4
Unknown/No Answer	5.0	7.1	2.6	3.8	3.0	19.1
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.1	43.0	42.8	64.3	44.2	3.8
All Summer	24.3	22.2	22.2	32.4	23.4	6.0
Quite a Bit	10.3	9.0	8.5	15.6	10.0	8.5
Only a Few Times	12.2	11.3	12.0	16.3	10.5	9.1
Not at All	0.3	0.5	Q	Q	Q	29.4
No Central System	52.9	57.0	57.2	35.7	55.8	3.6
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	4.9	3.9	4.9	8.5	3.6	13.7
Only Manual Controls Used	13.3	12.5	11.3	17.2	13.3	10.1
Used Only for Heating	0.4	0.4	0.8	Q	Q	34.8
Window Air-Conditioning Use						
Use Window Units	26.1	27.4	30.6	17.0	27.5	5.7
All Summer	5.6	5.6	6.3	3.7	6.9	11.7
Quite a Bit	6.5	6.8	7.0	4.6	7.1	9.9
Only a Few Times	13.3	14.3	16.6	7.9	13.0	7.6
Not at All	0.7	0.7	0.6	Q	Q	29.7
No Window Units	73.9	72.6	69.4	83.0	72.5	1.9
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	27.9	29.7	31.5	23.9	23.0	4.0
10 to 20	46.0	45.0	42.2	47.1	52.1	2.8
More than 20	26.0	25.2	26.2	29.0	24.4	4.4
Not Applicable	0.2	0.1	Q	Q	Q	51.3

See footnotes at end of table.

**Table HC6-8b. Usage Indicators by Urban/Rural Location,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.3	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	50.2	42.2	48.8	71.9	50.6	3.2
Less Than 4 Times	28.3	25.5	26.0	38.6	27.2	4.8
4 to 6 Times	12.7	9.9	13.1	19.7	12.6	7.6
At Least Once Each Day	9.2	6.8	9.7	13.6	10.8	8.8
No Dishwasher	49.8	57.8	51.2	28.1	49.4	3.6
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	77.4	67.5	80.9	88.4	90.1	1.7
1 Load or Less	5.2	5.1	6.0	5.8	4.0	12.4
2 to 9 Loads	29.4	27.0	30.7	31.6	32.4	4.3
10 to 15 Loads	10.0	7.9	11.6	10.8	13.6	8.2
More than 15 Loads	3.3	2.0	4.5	3.9	5.0	13.7
No Washing Machine	22.6	32.5	19.1	11.6	9.9	8.0
Clothes Dryer Usage						
Use a Clothes Dryer	71.2	59.8	74.6	85.0	84.9	2.0
Every Time Clothes are Washed	56.3	48.0	58.8	71.7	60.1	3.1
Some, but not All, Loads	12.8	10.1	13.1	11.5	21.5	7.4
Used Infrequently	2.1	1.6	2.7	1.8	3.3	16.8
No Dryer	28.8	40.2	25.4	15.0	15.1	6.5
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	6.9	8.1	7.1	4.8	5.8	10.0
2 Times a Day	25.3	24.9	23.8	21.2	32.6	5.0
Once a Day	41.6	38.7	44.3	46.3	41.5	3.3
A Few Times Each Week	20.1	21.6	17.7	22.3	15.5	7.1
About Once a Week	3.0	3.0	3.5	2.9	2.7	14.0
Less Than Once a Week	3.0	3.4	3.2	2.5	1.9	17.5
Conventional Oven Use						
More Than Once a Day	8.1	8.0	8.7	5.7	10.5	9.5
Once a Day	20.2	18.7	21.2	19.4	24.5	5.6
Between Once a Day and Once a Week	34.4	32.7	36.2	37.2	33.9	3.6
Once a Week	14.9	14.9	12.8	17.1	14.9	6.1
Less Than Once a Week	21.2	24.2	20.3	19.8	14.9	5.5
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	83.0	78.6	86.5	88.1	85.9	1.5
Most or All	7.2	7.6	7.3	7.8	5.4	10.4
About Half	18.2	16.8	19.7	21.4	16.9	5.9
Some or Very Little	21.9	20.4	22.8	23.6	23.7	6.0
Only for Defrosting, Reheating, or Snacks	35.6	33.9	36.8	35.3	40.0	4.6
No Microwave Oven	17.0	21.4	13.5	11.9	14.1	8.3

See footnotes at end of table.

**Table HC6-8b. Usage Indicators by Urban/Rural Location,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.3	
Lights						
Outdoor Lights on All Night						
Used	25.9	23.5	20.3	29.8	34.9	5.0
Not Used	74.1	76.5	79.7	70.2	65.1	1.8
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	2.2	2.4	4.2	2.4	19.8
Most Days	1.1	1.1	1.4	0.8	1.2	26.6
Almost Once a Week	0.7	0.4	Q	2.0	Q	31.4
Less Than 4 Times a Month	0.8	0.7	Q	1.4	Q	40.3
Personal Computer Usage	35.1	32.9	30.9	48.0	31.3	4.1
Hours PC Turned On Each Week						
Less Than 2 Hours	8.1	7.5	7.8	9.0	8.8	9.3
2 to 15 Hours	17.1	16.0	14.9	25.5	13.4	6.2
16 to 40 Hours	6.6	6.3	5.6	8.5	6.2	10.0
On All The Time	3.3	3.0	2.6	5.0	3.0	14.9
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.7	4.7	3.8	6.2	4.2	12.3
Business Use Only	2.1	1.7	2.1	3.3	1.9	19.0
Both Personal and Business	3.1	3.0	2.3	4.0	3.1	16.2
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	2.2	1.2	2.9	1.7	19.9
Other Business Use	3.1	2.5	3.2	4.4	3.3	15.3
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	43.7	37.0	45.2	54.1	50.3	3.0
How Maintained When Not in Use						
Plugged in All The Time	12.3	10.3	13.1	17.2	11.5	7.5
Recharged As Needed	26.6	22.4	26.9	31.6	32.9	4.1
Both Ways are Used	4.8	4.2	5.1	5.3	5.9	10.7
Don't Use Any	56.3	63.0	54.8	45.9	49.7	2.6

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

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-9b. Usage Indicators by Northeast Census Region,
Percent of U.S. Households, 1997**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.1	1.3	1.4	
Total	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities					
Home Used for Business					
Yes	7.2	7.3	7.1	7.8	17.2
No	92.8	92.7	92.9	92.2	1.5
Energy-Intensive Activity					
Yes	2.4	1.9	1.5	3.1	20.5
No	97.6	98.1	98.5	96.9	NE
Someone Home All Day					
Yes	50.6	52.7	53.4	50.7	2.9
No	49.4	47.3	46.6	49.3	3.1
Heating					
Thermostat Available During Heating Season					
Yes	84.7	81.5	79.2	87.5	1.4
No	14.5	18.4	20.6	12.5	7.8
Do Not Heat Home	0.8	Q	Q	Q	38.2
Set-Back or Clock Thermostat in Home					
Yes	44.2	37.3	38.5	33.9	9.0
No	55.8	62.7	61.5	66.1	5.6
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.5	11.0	12.0	8.4	14.0
Only Manual Controls Used	32.7	26.3	26.5	25.6	12.0
Winter Temperature Settings					
Lower When No One Home					
Yes	44.8	40.3	35.8	52.4	3.3
No	55.2	59.7	64.2	47.6	2.5
Lower During Sleeping Hours					
Yes	46.8	41.8	38.9	49.8	4.0
No	53.2	58.2	61.1	50.2	3.2
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	92.5	92.5	91.3	95.8	1.4
63 Degrees or Less	3.8	5.4	4.7	7.6	19.6
64 to 66 Degrees	8.1	11.0	10.5	12.6	6.2
67 to 69 Degrees	23.0	30.3	28.5	35.1	4.6
70 Degrees	25.3	25.1	25.1	24.9	6.1
71 to 73 Degrees	14.5	10.6	11.4	8.5	7.2
74 Degrees or More	17.8	10.0	11.0	7.2	9.5
Heat Turned Off	2.1	Q	Q	Q	26.8
Unknown/No Answer	5.4	7.2	8.6	3.7	20.4

See footnotes at end of table.

**Table HC6-9b. Usage Indicators by Northeast Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.1	1.3	1.4	
Daytime Winter Temperature When No One is at Home					
Heat is Turned On	83.7	91.0	89.6	94.7	1.4
63 Degrees or Less	19.4	23.1	19.4	33.2	7.0
64 to 66 Degrees	16.3	19.7	19.0	21.5	4.8
67 to 69 Degrees	17.8	21.5	21.9	20.3	7.1
70 Degrees	14.6	15.3	16.1	13.0	7.6
71 to 73 Degrees	7.5	6.3	7.0	4.2	15.1
74 Degrees or More	8.1	5.2	6.2	2.4	12.2
Heat Turned Off	10.2	1.2	1.3	Q	16.0
Unknown/No Answer	6.1	7.8	9.1	4.3	18.2
Winter Temperature During Sleeping Hours					
Heat is Turned On	87.8	92.0	90.7	95.5	1.4
63 Degrees or Less	16.2	20.7	16.9	30.9	8.8
64 to 66 Degrees	16.6	19.9	20.5	18.2	5.2
67 to 69 Degrees	19.3	23.1	23.1	22.9	6.7
70 Degrees	17.3	16.5	16.7	16.0	6.2
71 to 73 Degrees	8.3	5.7	6.6	3.3	14.8
74 Degrees or More	10.1	6.1	6.8	4.1	13.4
Heat Turned Off	7.1	0.7	Q	Q	19.2
Unknown/No Answer	5.0	7.3	8.7	3.6	20.8
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.1	22.2	27.5	7.8	11.1
All Summer	24.3	6.9	9.0	Q	9.1
Quite a Bit	10.3	5.5	7.0	Q	17.3
Only a Few Times	12.2	9.7	11.6	4.8	14.9
Not at All	0.3	Q	Q	Q	40.0
No Central System	52.9	77.8	72.5	92.2	3.3
Use of Set-Back/Clock Thermostat for Cooling					
Programming Features Used	4.9	2.9	3.9	Q	22.2
Only Manual Controls Used	13.3	4.3	5.9	Q	17.8
Used Only for Heating	0.4	Q	Q	Q	45.0
Window Air-Conditioning Use					
Use Window Units	26.1	41.4	41.4	41.2	7.0
All Summer	5.6	4.3	4.2	4.4	16.3
Quite a Bit	6.5	9.0	9.1	8.7	8.4
Only a Few Times	13.3	26.6	26.7	26.4	8.2
Not at All	0.7	1.5	1.4	Q	28.8
No Window Units	73.9	58.6	58.6	58.8	4.2
Hot Water					
Number of Showers/Baths Taken Each Week					
Fewer than 10	27.9	29.2	28.6	30.9	3.5
10 to 20	46.0	46.7	45.8	49.1	2.3
More than 20	26.0	24.0	25.4	20.0	4.1
Not Applicable	0.2	Q	Q	Q	69.9

See footnotes at end of table.

**Table HC6-9b. Usage Indicators by Northeast Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.1	1.3	1.4	
Hot Water (continued)					
Dishwasher Use					
Each Week					
Use a Dishwasher	50.2	48.5	48.9	47.5	3.9
Less Than 4 Times	28.3	27.6	28.4	25.6	5.2
4 to 6 Times	12.7	12.1	11.7	13.0	6.8
At Least Once Each Day	9.2	8.8	8.8	8.9	13.3
No Dishwasher	49.8	51.5	51.1	52.5	3.7
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	77.4	76.0	76.5	74.5	2.2
1 Load or Less	5.2	6.6	7.1	5.5	14.1
2 to 9 Loads	29.4	31.2	32.3	28.3	3.6
10 to 15 Loads	10.0	9.5	9.5	9.4	8.2
More than 15 Loads	3.3	3.7	3.7	3.7	13.2
No Washing Machine	22.6	24.0	23.5	25.5	7.1
Clothes Dryer Usage					
Use a Clothes Dryer	71.2	66.7	67.2	65.2	2.3
Every Time Clothes are Washed	56.3	47.1	48.8	42.5	4.1
Some, but not All, Loads	12.8	16.1	15.7	17.1	10.1
Used Infrequently	2.1	3.5	2.7	5.6	14.4
No Dryer	28.8	33.3	32.8	34.8	4.9
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	6.9	6.7	7.2	5.1	10.2
2 Times a Day	25.3	20.9	18.8	26.7	6.5
Once a Day	41.6	45.6	45.7	45.5	3.6
A Few Times Each Week	20.1	19.0	19.7	17.1	8.3
About Once a Week	3.0	4.0	4.8	Q	12.6
Less Than Once a Week	3.0	3.6	3.7	3.3	20.7
Conventional Oven Use					
More Than Once a Day	8.1	6.6	5.9	8.5	11.7
Once a Day	20.2	19.6	18.5	22.5	6.3
Between Once a Day and Once a Week	34.4	32.4	31.4	34.9	4.2
Once a Week	14.9	16.7	18.0	12.9	4.0
Less Than Once a Week	21.2	24.2	25.5	20.7	5.7
Amount of Food Cooked in Microwave Oven					
Use a Microwave Oven	83.0	78.7	78.1	80.2	1.5
Most or All	7.2	6.7	6.4	7.4	12.2
About Half	18.2	14.0	14.3	13.1	8.9
Some or Very Little	21.9	20.5	19.8	22.3	7.4
Only for Defrosting, Reheating, or Snacks	35.6	37.6	37.6	37.4	5.4
No Microwave Oven	17.0	21.3	21.9	19.8	6.4

See footnotes at end of table.

**Table HC6-9b. Usage Indicators by Northeast Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.1	1.3	1.4	
Lights					
Outdoor Lights on All Night					
Used	25.9	17.8	19.6	13.1	8.8
Not Used	74.1	82.2	80.4	86.9	2.0
Gas Fireplace Usage During Winter Months					
Use a Gas Fireplace	2.7	Q	Q	Q	26.3
Most Days	1.1	Q	Q	Q	30.6
Almost Once a Week	0.7	Q	Q	Q	39.6
Less Than 4 Times a Month	0.8	Q	Q	Q	59.8
Personal Computer Usage	35.1	31.9	30.8	35.0	5.2
Hours PC Turned On Each Week					
Less Than 2 Hours	8.1	7.6	7.1	8.9	11.5
2 to 15 Hours	17.1	14.0	13.4	15.5	5.4
16 to 40 Hours	6.6	7.9	8.0	7.7	12.3
On All The Time	3.3	2.5	2.2	3.0	19.7
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	4.7	4.5	4.3	5.0	16.0
Business Use Only	2.1	2.3	2.3	2.4	20.6
Both Personal and Business	3.1	3.6	3.7	3.3	14.4
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	2.1	2.3	2.2	2.8	19.2
Other Business Use	3.1	3.6	3.8	2.9	14.6
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	43.7	43.2	43.2	43.1	4.0
How Maintained When Not in Use					
Plugged in All The Time	12.3	12.0	11.8	12.6	7.9
Recharged As Needed	26.6	26.9	27.4	25.6	5.5
Both Ways are Used	4.8	4.3	4.0	4.9	10.7
Don't Use Any	56.3	56.8	56.8	56.9	3.0

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-10b. Usage Indicators by Midwest Census Region,
Percent of U.S. Households, 1997**

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	1.7	
Total	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities					
Home Used for Business					
Yes	7.2	7.2	7.6	6.0	13.5
No	92.8	92.8	92.4	94.0	1.0
Energy-Intensive Activity					
Yes	2.4	2.6	2.1	3.9	15.9
No	97.6	97.4	97.9	96.1	NE
Someone Home All Day					
Yes	50.6	48.1	48.5	47.3	3.3
No	49.4	51.9	51.5	52.7	3.1
Heating					
Thermostat Available During Heating Season					
Yes	84.7	91.1	90.7	92.1	1.3
No	14.5	8.9	9.3	7.9	12.3
Do Not Heat Home	0.8	Q	Q	Q	36.6
Set-Back or Clock Thermostat in Home					
Yes	44.2	42.9	38.1	54.5	8.9
No	55.8	57.1	61.9	45.5	7.2
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.5	13.1	11.1	17.9	9.5
Only Manual Controls Used	32.7	29.8	27.0	36.6	12.6
Winter Temperature Settings					
Lower When No One Home					
Yes	44.8	41.6	38.2	49.6	4.2
No	55.2	58.4	61.8	50.4	3.2
Lower During Sleeping Hours					
Yes	46.8	40.3	38.1	45.6	4.0
No	53.2	59.7	61.9	54.4	3.0
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	92.5	96.4	95.5	98.3	0.6
63 Degrees or Less	3.8	2.8	3.2	2.0	18.1
64 to 66 Degrees	8.1	6.3	5.8	7.4	10.4
67 to 69 Degrees	23.0	26.2	25.6	27.9	4.0
70 Degrees	25.3	25.9	24.5	29.1	4.8
71 to 73 Degrees	14.5	20.7	21.9	18.0	6.0
74 Degrees or More	17.8	14.4	14.6	14.0	9.4
Heat Turned Off	2.1	Q	Q	Q	25.8
Unknown/No Answer	5.4	3.6	4.5	Q	16.5

See footnotes at end of table.

**Table HC6-10b. Usage Indicators by Midwest Census Region,
Percent of U.S. Households, 1997 (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	1.7	
Daytime Winter Temperature When No One is at Home					
Heat is Turned On	83.7	95.1	94.3	97.1	0.8
63 Degrees or Less	19.4	18.0	16.5	21.4	7.6
64 to 66 Degrees	16.3	18.0	16.8	20.8	4.7
67 to 69 Degrees	17.8	21.7	20.7	24.2	7.3
70 Degrees	14.6	16.4	17.0	15.2	7.8
71 to 73 Degrees	7.5	12.7	14.0	9.7	11.0
74 Degrees or More	8.1	8.3	9.3	5.9	11.3
Heat Turned Off	10.2	0.9	Q	Q	19.1
Unknown/No Answer	6.1	4.0	4.9	Q	16.8
Winter Temperature During Sleeping Hours					
Heat is Turned On	87.8	96.5	95.7	98.3	0.6
63 Degrees or Less	16.2	12.7	12.0	14.1	8.8
64 to 66 Degrees	16.6	17.4	16.2	20.5	4.5
67 to 69 Degrees	19.3	23.8	22.1	27.9	5.9
70 Degrees	17.3	19.5	19.6	19.1	6.8
71 to 73 Degrees	8.3	13.1	15.0	8.6	8.1
74 Degrees or More	10.1	10.0	10.8	8.2	12.0
Heat Turned Off	7.1	Q	Q	Q	13.3
Unknown/No Answer	5.0	3.5	4.3	Q	18.1
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.1	51.4	47.6	60.3	4.2
All Summer	24.3	17.2	14.6	23.3	9.6
Quite a Bit	10.3	14.8	14.9	14.5	9.4
Only a Few Times	12.2	19.2	18.1	22.0	7.3
Not at All	0.3	Q	Q	Q	38.3
No Central System	52.9	48.6	52.4	39.7	4.5
Use of Set-Back/Clock Thermostat for Cooling					
Programming Features Used	4.9	6.0	4.5	9.6	14.7
Only Manual Controls Used	13.3	10.5	8.9	14.4	14.9
Used Only for Heating	0.4	Q	Q	Q	43.2
Window Air-Conditioning Use					
Use Window Units	26.1	27.3	26.7	28.8	7.7
All Summer	5.6	3.9	4.2	3.4	15.2
Quite a Bit	6.5	7.9	8.4	6.9	12.8
Only a Few Times	13.3	14.6	13.3	17.6	9.0
Not at All	0.7	0.9	Q	Q	27.2
No Window Units	73.9	72.7	73.3	71.2	2.9
Hot Water					
Number of Showers/Baths Taken Each Week					
Fewer than 10	27.9	30.6	31.2	29.2	4.7
10 to 20	46.0	45.2	45.2	45.2	2.8
More than 20	26.0	24.3	23.7	25.7	5.9
Not Applicable	0.2	Q	Q	Q	67.1

See footnotes at end of table.

**Table HC6-10b. Usage Indicators by Midwest Census Region,
Percent of U.S. Households, 1997 (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	1.7	
Hot Water (continued)					
Dishwasher Use					
Each Week					
Use a Dishwasher	50.2	46.9	45.3	50.7	3.6
Less Than 4 Times	28.3	25.0	24.5	26.1	5.7
4 to 6 Times	12.7	13.2	12.4	15.0	9.1
At Least Once Each Day	9.2	8.7	8.4	9.5	11.7
No Dishwasher	49.8	53.1	54.7	49.3	3.3
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	77.4	78.9	76.1	85.6	2.0
1 Load or Less	5.2	4.3	4.8	3.2	13.6
2 to 9 Loads	29.4	25.5	24.2	28.4	4.0
10 to 15 Loads	10.0	12.7	12.7	12.7	8.2
More than 15 Loads	3.3	4.0	3.4	5.3	10.6
No Washing Machine	22.6	21.1	23.9	14.4	7.9
Clothes Dryer Usage					
Use a Clothes Dryer	71.2	75.8	73.0	82.3	2.4
Every Time Clothes are Washed	56.3	58.3	57.1	61.1	2.5
Some, but not All, Loads	12.8	15.9	14.3	19.6	6.9
Used Infrequently	2.1	1.6	1.6	Q	18.0
No Dryer	28.8	24.2	27.0	17.7	7.4
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	6.9	5.3	5.7	4.6	9.1
2 Times a Day	25.3	25.7	25.5	26.1	3.9
Once a Day	41.6	44.8	42.1	51.2	3.4
A Few Times Each Week	20.1	19.1	20.7	15.2	5.6
About Once a Week	3.0	2.8	3.6	Q	15.0
Less Than Once a Week	3.0	2.2	2.3	Q	19.6
Conventional Oven Use					
More Than Once a Day	8.1	7.2	7.2	7.4	9.9
Once a Day	20.2	19.8	19.8	19.8	7.3
Between Once a Day and Once a Week	34.4	38.0	37.8	38.5	3.6
Once a Week	14.9	13.5	13.1	14.4	8.1
Less Than Once a Week	21.2	20.5	21.5	18.1	5.6
Amount of Food Cooked in Microwave Oven					
Use a Microwave Oven	83.0	86.9	85.0	91.4	1.5
Most or All	7.2	7.2	7.3	7.1	13.2
About Half	18.2	19.3	19.0	19.9	5.6
Some or Very Little	21.9	24.8	25.4	23.4	5.5
Only for Defrosting, Reheating, or Snacks	35.6	35.6	33.3	41.0	6.9
No Microwave Oven	17.0	13.1	15.0	8.6	10.5

See footnotes at end of table.

**Table HC6-10b. Usage Indicators by Midwest Census Region,
Percent of U.S. Households, 1997 (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	1.7	
Lights					
Outdoor Lights on All Night					
Used	25.9	26.1	28.3	21.1	5.4
Not Used	74.1	73.9	71.7	78.9	1.8
Gas Fireplace Usage During Winter Months					
Use a Gas Fireplace	2.7	3.6	4.1	2.5	24.8
Most Days	1.1	1.5	1.5	Q	32.3
Almost Once a Week	0.7	Q	Q	Q	38.0
Less Than 4 Times a Month	0.8	Q	Q	Q	57.4
Personal Computer Usage	35.1	38.0	38.0	37.9	4.0
Hours PC Turned On Each Week					
Less Than 2 Hours	8.1	9.7	10.1	8.6	9.3
2 to 15 Hours	17.1	18.1	16.5	21.8	7.1
16 to 40 Hours	6.6	7.4	8.7	4.2	10.1
On All The Time	3.3	2.9	2.7	3.4	16.4
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	4.7	5.2	5.7	4.0	13.1
Business Use Only	2.1	2.5	3.0	Q	21.4
Both Personal and Business	3.1	2.6	2.7	2.3	21.9
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	2.1	1.7	2.0	Q	21.5
Other Business Use	3.1	3.3	3.7	2.5	22.6
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	43.7	46.5	46.3	46.9	3.5
How Maintained When Not in Use					
Plugged in All The Time	12.3	13.8	14.3	12.4	8.8
Recharged As Needed	26.6	28.5	27.6	30.6	3.6
Both Ways are Used	4.8	4.2	4.4	3.9	14.5
Don't Use Any	56.3	53.5	53.7	53.1	3.0

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-11b. Usage Indicators by South Census Region,
Percent U.S. Households, 1997**

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	0.8	1.2	1.5	1.4	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities						
Home Used for Business						
Yes	7.2	6.2	7.1	4.6	5.6	13.1
No	92.8	93.8	92.9	95.4	94.4	0.9
Energy-Intensive Activity						
Yes	2.4	2.1	2.4	Q	1.7	25.7
No	97.6	97.9	97.6	98.4	98.3	NE
Someone Home All Day						
Yes	50.6	50.8	49.8	51.6	51.9	2.7
No	49.4	49.2	50.2	48.4	48.1	2.8
Heating						
Thermostat Available During Heating Season						
Yes	84.7	84.5	86.9	81.7	81.9	2.3
No	14.5	14.7	11.9	18.1	17.7	11.8
Do Not Heat Home	0.8	0.8	Q	Q	Q	45.8
Set-Back or Clock Thermostat in Home						
Yes	44.2	44.0	42.0	42.9	48.2	9.4
No	55.8	56.0	58.0	57.1	51.8	7.4
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.5	8.8	8.4	5.4	11.3	13.8
Only Manual Controls Used	32.7	35.3	33.6	37.4	36.9	10.9
Winter Temperature Settings						
Lower When No One Home						
Yes	44.8	42.5	43.1	39.2	43.5	4.3
No	55.2	57.5	56.9	60.8	56.5	3.2
Lower During Sleeping Hours						
Yes	46.8	45.4	45.4	43.3	46.7	4.2
No	53.2	54.6	54.6	56.7	53.3	3.5
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	92.5	92.1	91.1	93.7	92.9	1.8
63 Degrees or Less	3.8	2.3	2.1	3.3	2.2	17.6
64 to 66 Degrees	8.1	5.4	5.8	6.6	4.2	13.5
67 to 69 Degrees	23.0	18.0	20.0	16.0	15.7	7.6
70 Degrees	25.3	24.4	23.5	28.9	23.5	5.8
71 to 73 Degrees	14.5	15.0	14.4	14.4	16.4	7.6
74 Degrees or More	17.8	26.9	25.4	24.5	31.0	3.8
Heat Turned Off	2.1	2.3	3.7	Q	Q	28.1
Unknown/No Answer	5.4	5.6	5.2	4.9	6.8	22.8

See footnotes at end of table.

**Table HC6-11b. Usage Indicators by South Census Region,
Percent U.S. Households, 1997 (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	0.8	1.2	1.5	1.4	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	83.7	79.9	80.3	82.7	77.7	3.0
63 Degrees or Less	19.4	16.5	16.5	14.7	17.6	7.6
64 to 66 Degrees	16.3	12.8	13.9	14.3	10.0	7.6
67 to 69 Degrees	17.8	16.4	16.6	18.3	14.9	7.0
70 Degrees	14.6	15.5	14.0	18.2	16.7	7.1
71 to 73 Degrees	7.5	6.9	6.8	6.9	7.1	11.7
74 Degrees or More	8.1	11.9	12.6	10.3	11.5	8.5
Heat Turned Off	10.2	13.5	13.6	11.0	14.9	12.6
Unknown/No Answer	6.1	6.5	6.1	6.3	7.4	21.3
Winter Temperature During Sleeping Hours						
Heat is Turned On	87.8	87.4	86.7	88.8	87.7	2.2
63 Degrees or Less	16.2	12.6	13.5	12.6	10.9	9.5
64 to 66 Degrees	16.6	13.8	13.5	14.4	13.9	5.6
67 to 69 Degrees	19.3	18.0	18.0	19.2	17.2	7.7
70 Degrees	17.3	19.1	17.1	22.4	20.5	6.6
71 to 73 Degrees	8.3	9.0	9.1	8.1	9.3	10.7
74 Degrees or More	10.1	15.0	15.5	12.1	15.9	8.1
Heat Turned Off	7.1	7.6	8.3	7.2	6.6	18.3
Unknown/No Answer	5.0	5.0	5.0	4.1	5.7	23.2
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.1	69.7	71.7	66.3	68.4	3.2
All Summer	24.3	47.9	45.7	43.4	54.2	5.1
Quite a Bit	10.3	12.1	14.1	13.6	7.7	7.7
Only a Few Times	12.2	9.4	11.4	9.3	6.2	15.9
Not at All	0.3	Q	Q	Q	Q	41.1
No Central System	52.9	30.3	28.3	33.7	31.6	5.9
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	4.9	6.2	5.4	4.1	9.1	13.7
Only Manual Controls Used	13.3	24.5	23.0	24.4	27.3	10.9
Used Only for Heating	0.4	Q	Q	Q	Q	46.3
Window Air-Conditioning Use						
Use Window Units	26.1	24.3	21.8	30.1	25.0	6.2
All Summer	5.6	9.5	8.0	11.2	11.1	11.1
Quite a Bit	6.5	6.3	5.9	6.1	7.1	11.6
Only a Few Times	13.3	8.3	7.6	12.8	6.8	9.9
Not at All	0.7	Q	Q	Q	Q	35.6
No Window Units	73.9	75.7	78.2	69.9	75.0	2.1
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	27.9	25.2	24.0	28.3	25.6	5.0
10 to 20	46.0	45.0	47.2	44.3	41.8	3.5
More than 20	26.0	29.5	28.5	27.4	32.5	4.8
Not Applicable	0.2	Q	Q	Q	Q	71.9

See footnotes at end of table.

**Table HC6-11b. Usage Indicators by South Census Region,
Percent U.S. Households, 1997 (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	0.8	1.2	1.5	1.4	
Hot Water (continued)						
Dishwasher Use Each Week						
Use a Dishwasher	50.2	51.5	53.5	42.3	53.4	4.0
Less Than 4 Times	28.3	30.0	32.7	21.3	30.6	5.6
4 to 6 Times	12.7	11.7	11.8	12.7	11.0	8.0
At Least Once Each Day	9.2	9.7	9.0	8.2	11.8	8.8
No Dishwasher	49.8	48.5	46.5	57.7	46.6	4.0
Loads of Laundry Washed Each Week						
Use a Clothes Washer	77.4	82.0	83.4	86.3	76.9	2.1
1 Load or Less	5.2	4.9	6.2	3.3	3.7	15.6
2 to 9 Loads	29.4	33.0	36.6	31.4	27.5	4.9
10 to 15 Loads	10.0	10.0	8.8	10.7	11.6	8.5
More than 15 Loads	3.3	3.2	2.4	3.5	4.6	20.1
No Washing Machine	22.6	18.0	16.6	13.7	23.1	9.2
Clothes Dryer Usage						
Use a Clothes Dryer	71.2	74.2	72.9	81.0	72.5	2.5
Every Time Clothes are Washed	56.3	62.5	61.1	64.4	63.7	3.2
Some, but not All, Loads	12.8	10.0	9.5	15.8	7.4	10.3
Used Infrequently	2.1	1.7	2.3	Q	Q	23.6
No Dryer	28.8	25.8	27.1	19.0	27.5	7.2
Cooking						
Number of Hot Meals Cooked in the Home						
3 or More Times a Day	6.9	7.2	7.7	5.8	7.1	10.9
2 Times a Day	25.3	25.9	25.1	27.3	26.3	5.7
Once a Day	41.6	37.0	35.3	40.1	38.1	4.8
A Few Times Each Week	20.1	23.0	25.6	19.2	20.9	8.6
About Once a Week	3.0	3.4	2.6	3.9	4.5	13.0
Less Than Once a Week	3.0	3.3	3.3	3.6	3.1	17.3
Conventional Oven Use						
More Than Once a Day	8.1	10.3	9.0	16.1	9.1	12.5
Once a Day	20.2	23.4	22.5	28.8	21.8	6.5
Between Once a Day and Once a Week	34.4	32.9	33.2	27.6	35.5	4.7
Once a Week	14.9	15.6	16.7	13.5	15.1	7.2
Less Than Once a Week	21.2	16.5	17.2	12.4	17.6	7.9
Amount of Food Cooked in Microwave Oven						
Use a Microwave Oven	83.0	82.4	83.7	79.3	82.0	2.8
Most or All	7.2	7.2	7.1	5.3	8.5	16.7
About Half	18.2	17.8	17.6	19.5	17.0	5.9
Some or Very Little	21.9	19.9	21.7	19.6	17.0	8.1
Only for Defrosting, Reheating, or Snacks	35.6	37.5	37.2	34.9	39.5	5.7
No Microwave Oven	17.0	17.6	16.3	20.7	18.0	12.0

See footnotes at end of table.

**Table HC6-11b. Usage Indicators by South Census Region,
Percent U.S. Households, 1997 (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	0.8	1.2	1.5	1.4	
Lights						
Outdoor Lights on All Night						
Used	25.9	30.8	28.1	35.7	32.5	5.1
Not Used	74.1	69.2	71.9	64.3	67.5	2.2
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	3.4	3.0	4.3	3.7	25.7
Most Days	1.1	1.4	1.3	Q	Q	23.6
Almost Once a Week	0.7	1.0	Q	Q	Q	40.4
Less Than 4 Times a Month	0.8	1.0	Q	Q	Q	49.3
Personal Computer Usage	35.1	31.0	32.3	25.2	32.1	5.5
Hours PC Turned On Each Week						
Less Than 2 Hours	8.1	7.1	7.3	6.3	7.4	10.6
2 to 15 Hours	17.1	15.9	16.0	14.6	16.5	7.4
16 to 40 Hours	6.6	4.4	5.1	2.3	4.4	12.1
On All The Time	3.3	3.6	3.9	2.0	4.0	18.8
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.7	4.2	4.4	2.2	5.0	15.7
Business Use Only	2.1	1.1	1.4	Q	Q	23.9
Both Personal and Business	3.1	2.7	3.2	Q	2.4	21.6
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	1.2	1.1	Q	Q	24.7
Other Business Use	3.1	2.6	3.5	Q	Q	20.6
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	43.7	41.8	41.4	42.9	41.8	3.5
How Maintained When Not in Use						
Plugged in All The Time	12.3	12.5	12.8	12.9	11.9	8.4
Recharged As Needed	26.6	25.2	25.2	27.1	24.0	5.7
Both Ways are Used	4.8	4.1	3.4	2.9	5.9	17.6
Don't Use Any	56.3	58.2	58.6	57.1	58.2	2.6

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC6-12b. Usage Indicators by West Census Region,
Percent of U.S. Households, 1997**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Total	100.0	100.0	100.0	100.0	0.0
Weekday Home Activities					
Home Used for Business					
Yes	7.2	9.0	10.5	8.4	9.8
No	92.8	91.0	89.5	91.6	0.9
Energy-Intensive Activity					
Yes	2.4	3.0	2.9	3.0	18.9
No	97.6	97.0	97.1	97.0	0.8
Someone Home All Day					
Yes	50.6	51.1	50.6	51.3	3.2
No	49.4	48.9	49.4	48.7	3.3
Heating					
Thermostat Available During Heating Season					
Yes	84.7	81.1	90.6	77.3	1.9
No	14.5	16.8	9.3	19.8	7.7
Do Not Heat Home	0.8	2.1	Q	2.9	18.3
Set-Back or Clock Thermostat in Home					
Yes	44.2	52.2	52.1	52.3	5.5
No	55.8	47.8	47.9	47.7	5.5
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.5	14.6	15.5	14.3	11.3
Only Manual Controls Used	32.7	37.6	36.6	37.9	8.6
Winter Temperature Settings					
Lower When No One Home					
Yes	44.8	56.2	49.4	58.8	3.2
No	55.2	43.8	50.6	41.2	3.5
Lower During Sleeping Hours					
Yes	46.8	60.5	52.9	63.5	2.8
No	53.2	39.5	47.1	36.5	3.5
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	92.5	88.9	95.1	86.5	1.1
63 Degrees or Less	3.8	5.6	4.2	6.2	15.9
64 to 66 Degrees	8.1	12.0	8.4	13.4	11.5
67 to 69 Degrees	23.0	21.2	21.5	21.0	5.7
70 Degrees	25.3	26.1	25.5	26.4	4.6
71 to 73 Degrees	14.5	10.4	16.5	8.0	7.8
74 Degrees or More	17.8	13.6	19.1	11.5	8.8
Heat Turned Off	2.1	5.8	1.8	7.3	17.6
Unknown/No Answer	5.4	5.3	Q	6.2	15.0

See footnotes at end of table.

**Table HC6-12b. Usage Indicators by West Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Daytime Winter Temperature When No One is at Home					
Heat is Turned On	83.7	70.5	86.9	64.0	1.5
63 Degrees or Less	19.4	22.6	20.1	23.5	8.0
64 to 66 Degrees	16.3	17.2	21.7	15.3	7.3
67 to 69 Degrees	17.8	12.3	15.1	11.3	8.3
70 Degrees	14.6	10.4	14.7	8.7	5.7
71 to 73 Degrees	7.5	3.7	7.6	2.2	11.2
74 Degrees or More	8.1	4.4	7.7	3.0	15.5
Heat Turned Off	10.2	23.3	9.6	28.7	7.6
Unknown/No Answer	6.1	6.2	3.5	7.2	14.4
Winter Temperature During Sleeping Hours					
Heat is Turned On	87.8	75.2	91.3	68.9	1.3
63 Degrees or Less	16.2	22.0	19.1	23.1	6.9
64 to 66 Degrees	16.6	17.3	21.1	15.9	7.0
67 to 69 Degrees	19.3	13.1	15.9	12.0	9.5
70 Degrees	17.3	13.0	20.1	10.2	6.8
71 to 73 Degrees	8.3	4.1	6.4	3.3	13.2
74 Degrees or More	10.1	5.7	8.7	4.5	14.4
Heat Turned Off	7.1	20.2	6.3	25.6	8.7
Unknown/No Answer	5.0	4.6	Q	5.5	14.1
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.1	27.6	34.3	25.0	7.8
All Summer	24.3	9.0	16.6	6.0	9.5
Quite a Bit	10.3	6.7	8.5	6.0	14.2
Only a Few Times	12.2	11.2	9.0	12.1	13.7
Not at All	0.3	0.7	Q	Q	35.7
No Central System	52.9	72.4	65.7	75.0	3.8
Use of Set-Back/Clock Thermostat for Cooling					
Programming Features Used	4.9	3.2	5.5	2.4	16.4
Only Manual Controls Used	13.3	6.0	8.1	5.1	16.4
Used Only for Heating	0.4	Q	Q	Q	45.5
Window Air-Conditioning Use					
Use Window Units	26.1	13.9	15.5	13.2	10.8
All Summer	5.6	2.1	2.3	2.1	17.5
Quite a Bit	6.5	3.0	3.7	2.7	17.7
Only a Few Times	13.3	8.1	8.5	8.0	11.8
Not at All	0.7	Q	Q	Q	34.9
No Window Units	73.9	86.1	84.5	86.8	2.2
Hot Water					
Number of Showers/Baths Taken Each Week					
Fewer than 10	27.9	27.9	27.2	28.2	5.2
10 to 20	46.0	47.9	49.6	47.3	3.3
More than 20	26.0	23.9	22.8	24.3	5.6
Not Applicable	0.2	Q	Q	Q	70.6

See footnotes at end of table.

**Table HC6-12b. Usage Indicators by West Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Hot Water (continued)					
Dishwasher Use					
Each Week					
Use a Dishwasher	50.2	53.1	57.2	51.5	4.5
Less Than 4 Times	28.3	29.5	30.0	29.3	6.2
4 to 6 Times	12.7	14.4	16.4	13.6	8.5
At Least Once Each Day	9.2	9.2	10.8	8.6	10.5
No Dishwasher	49.8	46.9	42.8	48.5	5.1
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	77.4	69.5	76.5	66.8	3.4
1 Load or Less	5.2	5.3	3.8	5.8	12.6
2 to 9 Loads	29.4	26.1	25.6	26.3	4.4
10 to 15 Loads	10.0	7.6	10.3	6.5	11.0
More than 15 Loads	3.3	2.1	2.7	1.9	18.3
No Washing Machine	22.6	30.5	23.5	33.2	9.1
Clothes Dryer Usage					
Use a Clothes Dryer	71.2	65.1	70.1	63.2	3.9
Every Time Clothes are Washed	56.3	52.0	52.7	51.8	4.6
Some, but not All, Loads	12.8	10.9	13.4	10.0	9.1
Used Infrequently	2.1	2.2	4.1	1.4	16.8
No Dryer	28.8	34.9	29.9	36.8	8.1
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	6.9	8.5	9.6	8.0	11.4
2 Times a Day	25.3	27.8	28.1	27.7	5.8
Once a Day	41.6	41.8	43.0	41.3	4.5
A Few Times Each Week	20.1	17.2	15.1	18.0	6.1
About Once a Week	3.0	1.8	Q	1.7	18.5
Less Than Once a Week	3.0	2.8	2.3	3.0	21.6
Conventional Oven Use					
More Than Once a Day	8.1	7.0	5.5	7.6	12.9
Once a Day	20.2	16.0	16.0	15.9	5.8
Between Once a Day and Once a Week	34.4	34.5	37.3	33.4	4.8
Once a Week	14.9	13.8	14.8	13.4	6.5
Less Than Once a Week	21.2	26.9	25.0	27.7	5.4
Amount of Food Cooked in Microwave Oven					
Use a Microwave Oven	83.0	83.3	84.2	83.0	1.5
Most or All	7.2	7.8	5.3	8.8	11.6
About Half	18.2	21.3	20.8	21.5	6.5
Some or Very Little	21.9	23.4	26.3	22.2	6.6
Only for Defrosting, Reheating, or Snacks	35.6	30.8	31.7	30.5	5.0
No Microwave Oven	17.0	16.7	15.8	17.0	8.1

See footnotes at end of table.

**Table HC6-12b. Usage Indicators by West Census Region,
Percent of U.S. Households, 1997 (Continued)**

Usage Indicators	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Lights					
Outdoor Lights on All Night					
Used	25.9	25.0	31.4	22.5	7.3
Not Used	74.1	75.0	68.6	77.5	2.6
Gas Fireplace Usage During Winter Months					
Use a Gas Fireplace	2.7	1.9	3.2	1.4	28.1
Most Days	1.1	1.0	Q	Q	34.9
Almost Once a Week	0.7	Q	Q	Q	40.0
Less Than 4 Times a Month	0.8	Q	Q	Q	60.4
Personal Computer Usage	35.1	41.3	39.8	42.0	5.4
Hours PC Turned On Each Week					
Less Than 2 Hours	8.1	8.2	7.9	8.3	7.1
2 to 15 Hours	17.1	21.0	22.8	20.3	7.0
16 to 40 Hours	6.6	8.0	6.7	8.5	12.0
On All The Time	3.3	4.1	2.3	4.8	15.5
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	4.7	5.3	4.5	5.6	13.6
Business Use Only	2.1	3.1	2.5	3.3	21.7
Both Personal and Business	3.1	3.7	Q	4.4	16.7
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	2.1	3.6	Q	4.2	14.5
Other Business Use	3.1	3.2	2.4	3.5	19.2
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	43.7	44.4	46.6	43.6	4.2
How Maintained When Not in Use					
Plugged in All The Time	12.3	10.5	14.6	8.9	7.2
Recharged As Needed	26.6	26.6	27.4	26.3	5.7
Both Ways are Used	4.8	7.2	4.6	8.3	10.3
Don't Use Any	56.3	55.6	53.4	56.4	3.4

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.