1997 Housing Characteristics Tables

Usage Indicators Tables

(Million U.S. Households; 48 pages, 134 kb)

Contents	Pages

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.

Data provided here are in the public domain and may be reproduced without permission. Appropriate credit would be appreciated. A suggested citation is "U.S. Department of Energy, Energy Information Administration, "*A Look at Residential Energy Consumption in 1997.*"

Electronic Products and Services

Users can view and download selected pages or entire reports, search for information, download data and analysis applications, and find out about new information products and services.

Contact: Robert Latta, Survey Manager *(rlatta@eia.doe.gov)*

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

Table HC6-1a. Usage Indicators by Climate Zone, Million U.S. Households, 1997

Usage Indicators RSE Column Factor:	Total	Climate Zone[1]				2,000 CDD or More and Fewer than 4,000 HDD	RSE Row Factors
		Fewer than 2,000 CDD and --					
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
	0.3	1.9	1.1	1.1	1.2	1.0	
Total	101.5	9.3	28.0	22.5	19.5	22.2	7.7
Weekday Home Activities							
Home Used for Business							
Yes	7.4	1.0	1.9	1.8	1.5	1.2	14.3
No	94.1	8.2	26.2	20.8	18.0	21.0	7.8
Energy-Intensive Activity							
Yes	2.4	0.2	0.9	0.4	0.5	0.5	22.0
No	99.1	9.1	27.2	22.1	19.0	21.7	7.8
Someone Home All Day							
Yes	51.3	4.4	13.8	11.7	9.9	11.6	7.4
No	50.1	4.9	14.3	10.8	9.7	10.5	7.5
Heating							
Thermostat Available During Heating Season							
Yes	86.0	8.2	25.5	18.7	15.5	18.0	8.0
No	14.7	1.0	2.5	3.8	3.9	3.5	11.3
Do Not Heat Home	0.8	Q	Q	Q	Q	0.6	33.3
Set-Back or Clock Thermostat in Home							
Yes	44.9	3.1	12.0	10.5	8.5	10.8	9.7
No	56.6	6.2	16.0	12.0	11.0	11.4	9.8
Use of Set-Back/Clock Thermostat for Heating							
Programming Features Used	11.7	1.3	3.2	2.9	1.8	2.4	12.2
Only Manual Controls Used	33.2	1.8	8.8	7.6	6.7	8.4	11.5
Winter Temperature Settings							
Lower When No One Home							
Yes	45.5	4.5	12.0	9.6	10.2	9.3	7.9
No	56.0	4.8	16.1	12.9	9.3	12.9	7.3
Lower During Sleeping Hours							
Yes	47.4	4.7	11.6	10.1	10.8	10.2	7.8
No	54.0	4.6	16.5	12.4	8.7	11.9	7.7
Daytime Winter Temperature When Someone is at Home							
Heat is Turned On	93.9	9.0	26.9	20.8	17.8	19.3	8.1
63 Degrees or Less	3.8	0.4	1.0	1.0	0.9	0.5	19.1
64 to 66 Degrees	8.3	0.7	2.4	1.8	2.0	1.2	11.8
67 to 69 Degrees	23.4	2.9	7.9	5.3	4.1	3.1	9.2
70 Degrees	25.6	2.8	7.1	5.9	4.9	4.9	9.3
71 to 73 Degrees	14.7	1.3	5.0	3.0	2.3	3.3	10.7
74 Degrees or More	18.1	0.9	3.5	3.9	3.5	6.3	10.1
Heat Turned Off	2.1	Q	Q	Q	1.1	0.8	22.6
Unknown/No Answer	5.5	Q	1.0	1.6	0.7	2.0	18.4

See footnotes at end of table.

Table HC6-1a. Usage Indicators by Climate Zone, Million U.S. Households, 1997 (Continued)

Usage Indicators RSE Column Factor:	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		
	0.3	1.9	1.1	1.1	1.2	1.0	
Daytime Winter Temperature When No One is at Home							
Heat is Turned On	84.9	9.0	26.2	19.9	14.5	15.3	8.3
63 Degrees or Less	19.7	2.2	5.7	4.4	4.3	3.1	10.8
64 to 66 Degrees	16.6	1.9	5.4	3.9	2.9	2.5	9.4
67 to 69 Degrees	18.0	2.2	6.0	4.7	2.7	2.4	10.4
70 Degrees	14.8	1.5	4.2	3.6	2.4	3.1	10.5
71 to 73 Degrees	7.6	0.7	3.0	1.5	0.9	1.4	14.1
74 Degrees or More	8.2	0.4	2.0	1.9	1.3	2.7	13.5
Heat Turned Off	10.4	Q	0.6	0.9	4.1	4.7	12.2
Unknown/No Answer	6.2	Q	1.2	1.6	0.9	2.2	16.2
Winter Temperature During Sleeping Hours							
Heat is Turned On	89.1	9.0	26.7	20.2	15.4	17.7	8.2
63 Degrees or Less	16.4	2.1	4.4	3.8	3.8	2.3	10.6
64 to 66 Degrees	16.9	2.1	5.1	4.0	2.6	3.0	9.2
67 to 69 Degrees	19.6	2.1	6.6	4.7	3.3	2.9	10.9
70 Degrees	17.6	1.7	5.2	4.1	2.9	3.8	10.3
71 to 73 Degrees	8.4	0.7	3.0	1.5	1.2	2.0	13.1
74 Degrees or More	10.2	0.4	2.4	2.1	1.6	3.7	14.0
Heat Turned Off	7.3	Q	Q	0.7	3.5	2.6	13.5
Unknown/No Answer	5.1	Q	1.0	1.6	0.5	1.8	19.1
Air-Conditioning							
Central Air-Conditioning Use							
Use a Central System	47.8	2.9	10.6	10.4	8.5	15.4	9.9
All Summer	24.6	0.4	3.3	5.1	4.8	11.1	12.6
Quite a Bit	10.4	1.0	2.8	2.7	1.7	2.3	13.3
Only a Few Times	12.4	1.4	4.4	2.6	2.0	2.0	15.5
Not at All	0.3	Q	Q	Q	Q	Q	56.1
No Central System	53.7	6.4	17.5	12.1	11.0	6.8	8.0
Use of Set-Back/Clock Thermostat for Cooling							
Programming Features Used	5.0	0.3	1.0	1.4	0.4	1.8	17.0
Only Manual Controls Used	13.5	0.3	2.1	2.8	2.3	5.9	15.7
Used Only for Heating	0.4	Q	Q	0.2	Q	Q	47.8
Window Air-Conditioning Use							
Use Window Units	26.5	2.4	8.2	7.5	3.8	4.6	10.9
All Summer	5.7	0.2	1.2	1.4	1.1	1.8	16.7
Quite a Bit	6.6	0.6	1.9	2.0	1.0	1.1	14.7
Only a Few Times	13.5	1.5	4.7	3.9	1.7	1.6	12.1
Not at All	0.7	Q	0.4	Q	Q	Q	30.8
No Window Units	75.0	6.8	19.8	15.0	15.7	17.6	6.8
Hot Water							
Number of Showers/Baths Taken Each Week							
Fewer than 10	28.3	3.2	8.0	6.7	5.0	5.4	8.8
10 to 20	46.7	4.1	13.6	10.0	9.2	9.8	7.2
More than 20	26.4	1.9	6.5	5.9	5.2	6.9	8.5
Not Applicable	0.2	Q	Q	Q	Q	Q	98.2

See footnotes at end of table.

Table HC6-1a. Usage Indicators by Climate Zone, Million U.S. Households, 1997 (Continued)

Usage Indicators RSE Column Factor:	Total	Climate Zone[1] Fewer than 2,000 CDD and -- More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD	2,000 CDD or More and Fewer than 4,000 HDD	RSE Row Factors
	0.3	1.9	1.1	1.1	1.2	1.0	
Hot Water (continued)							
Dishwasher Use							
Each Week							
Use a Dishwasher	50.9	4.4	14.5	11.3	9.1	11.6	7.6
Less Than 4 Times	28.7	2.3	7.5	6.6	5.4	6.9	8.3
4 to 6 Times	12.9	1.4	4.1	2.7	2.1	2.7	11.1
At Least Once Each Day	9.3	0.7	3.0	2.0	1.6	2.1	12.2
No Dishwasher	50.6	4.9	13.6	11.2	10.4	10.5	8.6
Loads of Laundry							
Washed Each Week							
Use a Clothes Washer	78.5	7.9	22.0	17.4	14.2	17.1	7.5
1 Load or Less	5.3	0.5	1.3	1.6	0.8	1.0	15.7
2 to 9 Loads	29.8	2.7	7.7	6.5	6.1	6.7	8.3
10 to 15 Loads	10.2	1.3	3.1	2.1	1.6	2.0	12.9
More than 15 Loads	3.3	0.4	1.1	0.7	0.5	0.7	18.8
No Washing Machine	22.9	1.3	6.1	5.1	5.3	5.1	9.5
Clothes Dryer Usage							
Use a Clothes Dryer	72.2	7.6	20.6	15.8	12.9	15.3	7.8
Every Time Clothes are Washed	57.1	5.0	16.2	12.2	10.6	13.0	8.5
Some, but not All, Loads	13.0	2.3	3.8	3.1	1.9	1.9	12.4
Used Infrequently	2.2	0.4	0.6	0.5	0.4	0.4	19.8
No Dryer	29.3	1.6	7.4	6.7	6.6	6.9	8.3
Cooking							
Number of Hot Meals							
Cooked in the Home							
3 or More Times a Day	7.0	0.4	1.8	1.6	1.4	1.9	12.6
2 Times a Day	25.7	2.7	6.9	5.4	5.3	5.4	9.8
Once a Day	42.2	4.1	12.7	9.6	7.0	8.9	8.1
A Few Times Each Week	20.4	1.7	5.0	4.4	4.7	4.5	10.2
About Once a Week	3.1	0.2	1.0	0.8	0.4	0.7	16.6
Less Than Once a Week	3.0	0.2	0.8	0.7	0.7	0.7	21.2
Conventional Oven Use							
More Than Once a Day	8.3	0.7	2.0	1.7	1.9	1.9	13.9
Once a Day	20.5	1.8	5.6	4.3	4.0	4.9	10.7
Between Once a Day							
and Once a Week	34.9	3.9	10.0	7.4	6.5	7.0	8.0
Once a Week	15.1	1.1	4.2	3.7	2.5	3.6	9.7
Less Than Once a Week	21.5	1.7	5.9	5.1	4.3	4.6	8.2
Amount of Food Cooked							
in Microwave Oven							
Use a Microwave Oven	84.2	8.4	23.5	18.8	15.9	17.6	8.2
Most or All	7.3	0.7	2.0	1.2	1.8	1.6	14.9
About Half	18.4	2.0	4.9	4.0	3.8	3.7	10.4
Some or Very Little	22.3	2.2	6.8	5.1	3.8	4.3	10.2
Only for Defrosting,							
Reheating, or Snacks	36.2	3.5	9.7	8.5	6.4	8.0	9.2
No Microwave Oven	17.3	0.9	4.5	3.7	3.6	4.6	10.5

See footnotes at end of table.

Table HC6-1a. Usage Indicators by Climate Zone, Million U.S. Households, 1997 (Continued)

Usage Indicators RSE Column Factor:	Total	Climate Zone[1]				2,000 CDD or More and Fewer than 4,000 HDD	RSE Row Factors
		Fewer than 2,000 CDD and --					
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
	0.3	1.9	1.1	1.1	1.2	1.0	
Lights							
Outdoor Lights on All Night							
Used	26.3	1.6	7.1	6.3	4.0	7.3	10.4
Not Used	75.2	7.6	20.9	16.2	15.5	14.9	6.6
Gas Fireplace Usage **During Winter Months**							
Use a Gas Fireplace	2.7	0.3	0.9	0.3	0.5	0.7	26.6
Most Days	1.1	0.2	0.3	0.2	Q	0.3	29.4
Almost Once a Week	0.7	Q	0.3	Q	Q	Q	36.4
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	Q	83.9
Personal Computer Usage	35.6	3.7	10.5	7.6	6.8	7.0	8.1
Hours PC Turned **On Each Week**							
Less Than 2 Hours	8.2	0.8	2.5	2.2	1.4	1.3	12.4
2 to 15 Hours	17.4	1.9	4.9	3.3	3.5	3.8	9.8
16 to 40 Hours	6.7	0.7	2.3	1.4	1.2	1.1	13.1
On All The Time	3.3	0.4	0.8	0.7	0.7	0.8	17.3
Use of PCs Turned on 16 **Hours a Week or More**							
Personal Use Only	4.8	0.5	1.6	0.9	0.7	1.0	15.8
Business Use Only	2.1	0.2	0.7	0.5	0.5	0.2	21.0
Both Personal and Business	3.1	0.3	0.8	0.7	0.7	0.7	20.0
Business Use of PCs Turned **on 16 Hours a Week or More**							
Use to Telecommute	2.1	0.2	0.6	0.4	0.6	0.3	19.1
Other Business Use	3.1	0.4	0.9	0.7	0.6	0.6	20.8
Battery Operated **Appliances/Tools**							
Use Battery Operated Appliances/Tools	44.4	4.8	12.7	9.8	8.0	9.1	7.7
How Maintained When Not in Use							
Plugged in All The Time	12.5	1.3	3.9	2.7	2.0	2.6	11.3
Recharged As Needed	27.0	3.0	7.4	6.3	4.5	5.8	8.7
Both Ways are Used	4.9	0.5	1.4	0.8	1.5	0.8	14.7
Don't Use Any	57.1	4.5	15.3	12.7	11.5	13.1	7.2

[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.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-2a. Usage Indicators by Year of Construction, Million U.S. Households, 1997

Usage Indicators	Total	1990 to 1997[1]	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	RSE Row Factors
RSE Column Factor:	0.4	1.7	1.3	1.0	1.1	1.1	0.9	
Total	101.5	9.7	17.3	19.6	14.4	12.5	27.9	4.1
Weekday Home Activities								
Home Used for Business								
Yes	7.4	0.9	1.4	1.3	1.0	0.6	2.1	13.5
No	94.1	8.8	15.9	18.3	13.4	11.9	25.8	4.2
Energy-Intensive Activity								
Yes	2.4	0.2	0.3	0.5	0.3	0.4	0.7	21.4
No	99.1	9.5	17.0	19.1	14.1	12.2	27.2	4.1
Someone Home All Day								
Yes	51.3	4.7	7.9	9.4	7.4	7.3	14.6	5.1
No	50.1	5.0	9.4	10.1	7.0	5.3	13.3	5.0
Heating								
Thermostat Available During Heating Season								
Yes	86.0	9.0	15.9	17.0	12.4	10.4	21.2	4.6
No	14.7	0.6	1.3	2.4	1.9	2.1	6.4	10.6
Do Not Heat Home	0.8	Q	Q	0.2	Q	Q	0.2	38.6
Set-Back or Clock Thermostat in Home								
Yes	44.9	5.5	9.7	8.6	6.6	4.7	9.8	7.0
No	56.6	4.2	7.6	10.9	7.9	7.9	18.1	6.0
Use of Set-Back/Clock Thermostat for Heating								
Programming Features Used	11.7	1.9	2.8	1.8	1.4	1.2	2.6	10.9
Only Manual Controls Used	33.2	3.6	6.9	6.8	5.2	3.5	7.2	8.4
Winter Temperature Settings								
Lower When No One Home								
Yes	45.5	4.5	7.9	9.0	6.7	5.6	11.8	5.2
No	56.0	5.2	9.4	10.6	7.8	7.0	16.1	5.1
Lower During Sleeping Hours								
Yes	47.4	4.6	8.5	9.3	6.9	6.4	11.8	5.1
No	54.0	5.1	8.8	10.3	7.5	6.2	16.1	5.2
Daytime Winter Temperature When Someone is at Home								
Heat is Turned On	93.9	9.3	16.3	18.0	13.3	11.4	25.4	4.3
63 Degrees or Less	3.8	0.4	0.5	0.6	0.6	0.4	1.2	17.8
64 to 66 Degrees	8.3	0.8	1.3	1.8	0.8	1.0	2.5	11.9
67 to 69 Degrees	23.4	2.4	3.8	4.7	3.1	2.9	6.3	7.5
70 Degrees	25.6	2.3	4.4	4.8	3.6	3.1	7.5	6.7
71 to 73 Degrees	14.7	1.6	2.4	2.6	2.3	1.9	3.9	8.5
74 Degrees or More	18.1	1.7	4.0	3.4	2.9	2.1	3.9	8.7
Heat Turned Off	2.1	Q	0.4	0.6	0.3	0.3	0.3	26.4
Unknown/No Answer	5.5	0.2	0.5	1.0	0.8	0.8	2.2	17.9

See footnotes at end of table.

Table HC6-2a. Usage Indicators by Year of Construction, Million 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:	0.4	1.7	1.3	1.0	1.1	1.1	0.9	
Daytime Winter Temperature When No One is at Home								
Heat is Turned On	84.9	8.7	14.7	15.9	11.8	10.1	23.7	4.5
63 Degrees or Less	19.7	1.9	3.0	3.8	3.0	2.2	5.7	7.8
64 to 66 Degrees	16.6	1.3	3.1	3.4	1.9	1.7	5.0	8.4
67 to 69 Degrees	18.0	2.3	3.1	3.3	2.3	2.3	4.7	8.6
70 Degrees	14.8	1.5	2.5	2.5	2.1	1.7	4.4	9.1
71 to 73 Degrees	7.6	0.8	1.2	1.3	1.0	1.3	2.0	12.4
74 Degrees or More	8.2	0.9	1.8	1.5	1.4	0.8	1.8	12.6
Heat Turned Off	10.4	0.7	2.0	2.4	1.7	1.7	1.8	11.0
Unknown/No Answer	6.2	0.3	0.6	1.2	0.9	0.7	2.4	16.3
Winter Temperature During Sleeping Hours								
Heat is Turned On	89.1	8.9	15.6	16.9	12.6	10.7	24.4	4.4
63 Degrees or Less	16.4	1.4	2.8	3.1	2.4	2.1	4.7	8.5
64 to 66 Degrees	16.9	1.6	2.9	3.7	2.0	2.1	4.5	7.9
67 to 69 Degrees	19.6	2.2	3.3	3.7	2.6	2.4	5.5	7.9
70 Degrees	17.6	1.7	3.1	3.2	2.6	2.0	5.2	8.4
71 to 73 Degrees	8.4	0.9	1.3	1.5	1.3	1.1	2.2	11.2
74 Degrees or More	10.2	1.1	2.3	1.7	1.8	1.0	2.3	12.6
Heat Turned Off	7.3	0.6	1.2	1.8	1.2	1.1	1.4	12.5
Unknown/No Answer	5.1	0.3	0.5	0.9	0.6	0.7	2.1	18.4
Air-Conditioning								
Central Air-Conditioning Use								
Use a Central System	47.8	7.5	12.9	10.8	6.6	4.6	5.2	6.2
All Summer	24.6	4.2	7.1	5.6	3.5	2.1	2.1	8.3
Quite a Bit	10.4	1.8	2.7	2.4	1.3	0.9	1.4	11.7
Only a Few Times	12.4	1.6	3.1	2.8	1.7	1.5	1.6	11.4
Not at All	0.3	Q	Q	Q	Q	Q	Q	46.8
No Central System	53.7	2.2	4.4	8.7	7.8	7.9	22.7	5.6
Use of Set-Back/Clock Thermostat for Cooling								
Programming Features Used	5.0	1.1	1.8	0.8	0.6	0.4	0.3	16.5
Only Manual Controls Used	13.5	2.2	4.0	3.0	2.0	1.1	1.3	12.5
Used Only for Heating	0.4	Q	Q	Q	Q	Q	Q	52.7
Window Air-Conditioning Use								
Use Window Units	26.5	0.8	2.0	4.1	3.7	4.5	11.4	8.4
All Summer	5.7	0.3	0.3	1.1	0.8	1.0	2.1	14.8
Quite a Bit	6.6	0.2	0.4	1.0	1.0	1.2	2.9	14.1
Only a Few Times	13.5	0.3	1.1	1.9	1.8	2.3	6.1	11.3
Not at All	0.7	Q	Q	Q	Q	Q	0.3	30.7
No Window Units	75.0	8.9	15.3	15.5	10.7	8.0	16.5	4.4
Hot Water								
Number of Showers/Baths Taken Each Week								
Fewer than 10	28.3	1.8	4.4	4.9	4.1	3.9	9.1	6.7
10 to 20	46.7	4.4	8.0	9.3	6.9	5.7	12.5	5.1
More than 20	26.4	3.5	4.9	5.3	3.4	2.9	6.3	6.3
Not Applicable	0.2	Q	Q	Q	Q	Q	Q	81.8

See footnotes at end of table.

Table HC6-2a. Usage Indicators by Year of Construction, Million 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:	0.4	1.7	1.3	1.0	1.1	1.1	0.9	
Hot Water (continued)								
Dishwasher Use								
Each Week								
Use a Dishwasher	50.9	7.4	12.3	11.1	7.0	4.7	8.4	5.7
Less Than 4 Times	28.7	4.0	7.2	6.3	4.1	2.5	4.7	7.2
4 to 6 Times	12.9	2.2	2.8	2.9	1.7	1.3	2.1	9.6
At Least Once Each Day	9.3	1.3	2.3	1.9	1.2	0.9	1.7	11.7
No Dishwasher	50.6	2.3	5.0	8.5	7.5	7.9	19.5	5.5
Loads of Laundry								
Washed Each Week								
Use a Clothes Washer	78.5	8.7	14.4	14.2	10.1	10.2	21.0	4.3
1 Load or Less	5.3	0.2	0.9	0.7	0.8	0.8	2.0	15.4
2 to 9 Loads	29.8	3.1	5.4	5.4	3.6	4.0	8.3	6.3
10 to 15 Loads	10.2	1.4	1.7	1.8	1.4	1.3	2.6	10.4
More than 15 Loads	3.3	0.4	0.6	0.6	0.4	0.3	1.0	17.7
No Washing Machine	22.9	1.0	3.0	5.3	4.3	2.4	6.9	8.9
Clothes Dryer Usage								
Use a Clothes Dryer	72.2	8.6	13.8	13.5	9.2	9.0	18.2	4.6
Every Time Clothes are Washed	57.1	7.3	11.9	10.5	7.0	7.1	13.3	5.3
Some, but not All, Loads	13.0	1.2	1.8	2.5	1.9	1.5	4.1	9.8
Used Infrequently	2.2	Q	0.2	0.4	0.3	0.4	0.8	20.6
No Dryer	29.3	1.1	3.5	6.1	5.3	3.6	9.7	8.0
Cooking								
Number of Hot Meals								
Cooked in the Home								
3 or More Times a Day	7.0	0.5	1.3	1.2	0.9	0.8	2.4	12.2
2 Times a Day	25.7	2.3	4.4	4.7	3.8	3.2	7.3	7.1
Once a Day	42.2	4.1	7.2	8.3	6.1	5.3	11.2	5.6
A Few Times Each Week	20.4	2.3	3.4	4.2	2.8	2.7	5.0	8.1
About Once a Week	3.1	0.3	0.6	0.5	0.4	0.2	1.1	18.3
Less Than Once a Week	3.0	Q	0.6	0.6	0.3	0.4	0.9	19.4
Conventional Oven Use								
More Than Once a Day	8.3	0.8	1.6	1.5	1.0	1.0	2.4	11.4
Once a Day	20.5	2.4	3.4	4.3	2.7	2.5	5.3	7.7
Between Once a Day								
and Once a Week	34.9	3.3	6.3	6.8	4.9	4.2	9.3	5.8
Once a Week	15.1	1.4	2.8	2.8	2.3	2.1	3.8	7.9
Less Than Once a Week	21.5	1.7	3.1	4.0	3.4	2.6	6.6	7.9
Amount of Food Cooked								
in Microwave Oven								
Use a Microwave Oven	84.2	8.6	15.1	16.4	12.0	10.4	21.7	4.3
Most or All	7.3	0.6	1.6	1.6	1.1	0.8	1.7	13.6
About Half	18.4	1.9	3.5	4.0	2.6	2.2	4.2	8.2
Some or Very Little	22.3	2.8	3.6	4.6	3.0	2.8	5.5	7.3
Only for Defrosting,								
Reheating, or Snacks	36.2	3.4	6.4	6.3	5.3	4.5	10.3	6.5
No Microwave Oven	17.3	1.1	2.2	3.1	2.5	2.2	6.2	10.0

See footnotes at end of table.

Table HC6-2a. Usage Indicators by Year of Construction, Million 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:	0.4	1.7	1.3	1.0	1.1	1.1	0.9	

Lights

Outdoor Lights on All Night

Used	26.3	2.5	5.0	5.0	3.6	3.5	6.7	6.9
Not Used	75.2	7.2	12.3	14.5	10.8	9.0	21.2	4.3

Gas Fireplace Usage During Winter Months

Use a Gas Fireplace	2.7	0.8	0.7	0.4	0.3	0.3	0.3	24.0
Most Days	1.1	0.3	0.2	0.2	Q	Q	0.2	29.3
Almost Once a Week	0.7	0.3	0.2	Q	Q	Q	Q	30.6
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	Q	Q	70.0

Personal Computer Usage	35.6	4.9	7.3	7.2	4.8	3.5	7.9	6.3

Hours PC Turned On Each Week

Less Than 2 Hours	8.2	0.9	1.2	1.8	1.3	0.8	2.3	11.6
2 to 15 Hours	17.4	2.6	3.9	3.6	2.1	1.8	3.3	8.4
16 to 40 Hours	6.7	0.9	1.4	1.2	0.9	0.6	1.7	13.0
On All The Time	3.3	0.5	0.8	0.7	0.5	0.3	0.5	18.3

Use of PCs Turned on 16 Hours a Week or More

Personal Use Only	4.8	0.6	0.9	1.0	0.7	0.4	1.1	14.9
Business Use Only	2.1	0.5	0.4	0.3	0.3	0.2	0.4	24.0
Both Personal and Business	3.1	0.3	0.9	0.7	0.4	0.2	0.7	19.9

Business Use of PCs Turned on 16 Hours a Week or More

Use to Telecommute	2.1	0.3	0.5	0.4	0.3	Q	0.4	21.4
Other Business Use	3.1	0.5	0.7	0.5	0.4	0.3	0.7	20.6

Battery Operated Appliances/Tools

Use Battery Operated Appliances/Tools	44.4	5.3	8.0	8.7	6.2	5.3	10.8	5.6
How Maintained When Not in Use								
Plugged in All The Time	12.5	1.5	2.5	2.8	1.7	1.4	2.6	9.8
Recharged As Needed	27.0	3.2	4.6	5.3	3.7	3.4	6.9	7.0
Both Ways are Used	4.9	0.6	0.9	0.7	0.8	0.5	1.4	15.5
Don't Use Any	57.1	4.5	9.3	10.8	8.2	7.2	17.1	4.8

[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.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-3a. Usage Indicators by Household Income, Million U.S. Households, 1997

Usage Indicators	Total	1997 Household Income				Below Poverty Line	Eli-gible for Fed-eral Assist-ance[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:	0.5	1.6	1.0	0.9	1.0	1.4	1.0	
Total	101.5	13.3	29.1	31.1	27.9	14.6	34.1	2.7
Weekday Home Activities								
Home Used for Business								
Yes	7.4	0.4	1.3	2.4	3.3	0.5	1.4	13.3
No	94.1	12.9	27.9	28.7	24.7	14.1	32.7	2.8
Energy-Intensive Activity								
Yes	2.4	Q	0.6	0.7	1.0	0.2	0.6	19.2
No	99.1	13.2	28.6	30.4	26.9	14.5	33.5	2.7
Someone Home All Day								
Yes	51.3	8.8	16.4	14.6	11.6	10.3	21.8	3.4
No	50.1	4.5	12.8	16.6	16.3	4.4	12.3	4.1
Heating								
Thermostat Available During Heating Season								
Yes	86.0	9.1	23.3	27.5	26.2	10.0	25.2	3.3
No	14.7	4.1	5.5	3.5	1.6	4.4	8.4	7.4
Do Not Heat Home	0.8	0.2	0.4	0.1	Q	0.3	0.5	25.9
Set-Back or Clock Thermostat in Home								
Yes	44.9	4.5	11.8	13.5	15.2	5.1	12.8	6.3
No	56.6	8.9	17.3	17.7	12.8	9.6	21.2	4.5
Use of Set-Back/Clock Thermostat for Heating								
Programming Features Used	11.7	0.5	1.8	3.6	5.7	0.6	2.2	10.5
Only Manual Controls Used	33.2	3.9	10.0	9.9	9.4	4.4	10.7	7.5
Winter Temperature Settings								
Lower When No One Home								
Yes	45.5	5.1	12.6	14.9	12.9	5.6	14.0	4.2
No	56.0	8.3	16.5	16.2	15.0	9.1	20.0	3.4
Lower During Sleeping Hours								
Yes	47.4	5.7	13.3	15.0	13.5	6.1	15.0	4.1
No	54.0	7.6	15.9	16.2	14.4	8.6	19.1	3.5
Daytime Winter Temperature When Someone is at Home								
Heat is Turned On	93.9	11.2	26.6	29.1	27.0	12.3	29.6	2.9
63 Degrees or Less	3.8	0.9	0.9	1.0	1.0	0.9	1.5	14.1
64 to 66 Degrees	8.3	0.8	2.2	2.9	2.3	1.0	2.4	9.8
67 to 69 Degrees	23.4	1.2	6.1	7.1	8.9	1.5	5.5	6.4
70 Degrees	25.6	3.4	7.8	7.7	6.8	3.8	8.6	5.4
71 to 73 Degrees	14.7	1.7	3.9	5.1	4.1	1.7	4.3	7.4
74 Degrees or More	18.1	3.3	5.6	5.3	3.9	3.3	7.2	6.0
Heat Turned Off	2.1	0.3	0.8	0.8	0.2	0.4	1.1	21.1
Unknown/No Answer	5.5	1.8	1.7	1.3	0.7	1.9	3.4	13.2

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million 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:	0.5	1.6	1.0	0.9	1.0	1.4	1.0	
Daytime Winter Temperature When No One is at Home								
Heat is Turned On	84.9	9.2	23.6	26.7	25.4	10.1	25.2	3.1
63 Degrees or Less	19.7	2.3	5.6	5.9	5.9	2.6	6.0	6.5
64 to 66 Degrees	16.6	1.4	4.1	5.5	5.5	1.7	4.7	6.3
67 to 69 Degrees	18.0	1.4	4.3	6.0	6.3	1.2	4.0	7.6
70 Degrees	14.8	1.8	5.0	4.3	3.7	2.2	5.2	6.7
71 to 73 Degrees	7.6	0.9	2.0	2.6	2.1	1.0	2.3	10.2
74 Degrees or More	8.2	1.4	2.5	2.4	2.0	1.5	3.0	9.4
Heat Turned Off	10.4	2.2	3.5	3.0	1.7	2.5	5.1	8.8
Unknown/No Answer	6.2	1.9	2.1	1.4	0.8	2.0	3.7	12.5
Winter Temperature During Sleeping Hours								
Heat is Turned On	89.1	9.9	24.9	28.0	26.3	10.9	27.0	3.0
63 Degrees or Less	16.4	2.0	4.7	4.7	5.0	2.2	5.2	7.3
64 to 66 Degrees	16.9	1.5	4.3	5.6	5.4	1.7	4.4	6.3
67 to 69 Degrees	19.6	1.6	4.9	6.0	7.1	1.6	5.2	7.0
70 Degrees	17.6	2.2	5.6	5.6	4.2	2.6	6.0	6.1
71 to 73 Degrees	8.4	0.8	2.3	3.0	2.3	0.8	2.4	9.7
74 Degrees or More	10.2	1.8	3.1	3.1	2.4	2.0	3.9	8.4
Heat Turned Off	7.3	1.7	2.6	1.9	1.0	1.9	3.9	10.5
Unknown/No Answer	5.1	1.7	1.6	1.2	0.6	1.8	3.2	13.7
Air-Conditioning								
Central Air-Conditioning Use								
Use a Central System	47.8	3.7	11.0	15.8	17.3	3.7	10.6	5.4
All Summer	24.6	1.7	6.0	7.8	9.1	1.8	5.4	7.4
Quite a Bit	10.4	0.8	2.0	3.4	4.2	0.8	2.1	10.2
Only a Few Times	12.4	1.2	2.8	4.3	4.0	1.1	3.0	10.4
Not at All	0.3	Q	Q	Q	Q	Q	Q	38.3
No Central System	53.7	9.6	18.1	15.4	10.6	10.9	23.5	3.5
Use of Set-Back/Clock Thermostat for Cooling								
Programming Features Used	5.0	Q	0.7	1.3	2.8	0.2	0.6	17.3
Only Manual Controls Used	13.5	1.1	3.4	4.2	4.8	1.2	3.3	10.8
Used Only for Heating	0.4	Q	Q	Q	0.2	Q	Q	38.1
Window Air-Conditioning Use								
Use Window Units	26.5	4.5	8.7	7.9	5.4	4.7	10.8	5.5
All Summer	5.7	1.2	2.0	1.3	1.2	1.3	2.7	10.6
Quite a Bit	6.6	0.9	1.8	2.5	1.4	1.0	2.2	10.9
Only a Few Times	13.5	2.3	4.7	4.0	2.5	2.4	5.5	7.4
Not at All	0.7	Q	0.2	0.2	0.2	Q	0.3	30.4
No Window Units	75.0	8.8	20.5	23.2	22.5	9.9	23.3	3.2
Hot Water								
Number of Showers/Baths Taken Each Week								
Fewer than 10	28.3	6.9	10.6	7.1	3.8	5.4	12.1	4.8
10 to 20	46.7	4.6	12.6	15.8	13.7	5.6	13.6	4.0
More than 20	26.4	1.8	5.9	8.3	10.4	3.6	8.3	5.2
Not Applicable	0.2	Q	Q	Q	Q	Q	Q	67.0

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million 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:	0.5	1.6	1.0	0.9	1.0	1.4	1.0	
Hot Water (continued)								
Dishwasher Use Each Week								
Use a Dishwasher	50.9	2.1	10.3	16.7	21.8	2.5	9.1	5.2
Less Than 4 Times	28.7	1.5	6.8	9.9	10.4	1.6	5.4	6.6
4 to 6 Times	12.9	0.4	2.2	3.8	6.5	0.6	2.0	9.5
At Least Once Each Day	9.3	0.2	1.3	2.9	5.0	0.4	1.7	12.1
No Dishwasher	50.6	11.2	18.8	14.5	6.1	12.1	25.0	3.6
Loads of Laundry Washed Each Week								
Use a Clothes Washer	78.5	7.0	20.1	25.4	26.1	8.5	21.6	3.3
1 Load or Less	5.3	1.1	2.0	1.4	0.8	1.0	2.2	11.6
2 to 9 Loads	29.8	3.4	8.9	9.4	8.1	3.2	8.7	5.1
10 to 15 Loads	10.2	0.4	1.9	3.4	4.4	1.1	2.5	8.5
More than 15 Loads	3.3	0.2	0.7	0.9	1.6	0.4	1.0	15.2
No Washing Machine	22.9	6.3	9.0	5.8	1.8	6.2	12.5	6.2
Clothes Dryer Usage								
Use a Clothes Dryer	72.2	4.8	17.8	24.0	25.6	6.1	17.5	3.6
Every Time Clothes are Washed	57.1	3.8	13.4	18.8	21.1	4.7	13.3	4.2
Some, but not All, Loads	13.0	0.8	3.6	4.5	4.0	1.1	3.4	8.5
Used Infrequently	2.2	0.2	0.8	0.7	0.5	0.2	0.7	19.9
No Dryer	29.3	8.5	11.4	7.1	2.3	8.6	16.6	5.2
Cooking								
Number of Hot Meals Cooked in the Home								
3 or More Times a Day	7.0	1.6	2.4	1.8	1.2	2.2	4.0	9.0
2 Times a Day	25.7	3.8	8.2	7.5	6.1	4.7	10.2	5.2
Once a Day	42.2	4.4	10.9	13.7	13.1	4.7	12.2	4.6
A Few Times Each Week	20.4	2.4	5.5	6.2	6.3	2.4	5.6	6.7
About Once a Week	3.1	0.5	1.0	1.0	0.6	0.3	0.9	15.3
Less Than Once a Week	3.0	0.6	0.9	1.0	0.6	0.4	1.0	17.3
Conventional Oven Use								
More Than Once a Day	8.3	1.3	2.4	2.4	2.2	1.6	3.7	9.0
Once a Day	20.5	2.3	5.4	6.4	6.4	2.7	6.6	6.6
Between Once a Day and Once a Week	34.9	3.5	9.0	11.4	11.0	3.8	9.7	4.7
Once a Week	15.1	1.8	4.5	4.9	4.0	2.0	4.8	6.7
Less Than Once a Week	21.5	3.9	7.5	5.9	4.2	4.2	8.6	5.6
Amount of Food Cooked in Microwave Oven								
Use a Microwave Oven	84.2	8.0	23.7	27.0	25.5	9.3	24.5	3.2
Most or All	7.3	0.9	2.4	2.2	1.9	0.8	2.3	11.5
About Half	18.4	1.7	4.6	6.1	6.0	1.8	4.4	7.6
Some or Very Little	22.3	1.7	5.7	7.4	7.4	2.2	6.2	6.3
Only for Defrosting, Reheating, or Snacks	36.2	3.7	10.9	11.3	10.3	4.5	11.5	5.2
No Microwave Oven	17.3	5.3	5.5	4.1	2.4	5.3	9.5	6.8

See footnotes at end of table.

Table HC6-3a. Usage Indicators by Household Income, Million 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:	0.5	1.6	1.0	0.9	1.0	1.4	1.0	
Lights								
Outdoor Lights on All Night								
Used	26.3	2.8	6.7	8.0	8.7	3.4	7.5	6.0
Not Used	75.2	10.5	22.4	23.1	19.2	11.2	26.6	3.0
Gas Fireplace Usage During Winter Months								
Use a Gas Fireplace	2.7	Q	0.3	0.8	1.4	Q	0.4	23.4
Most Days	1.1	Q	Q	0.3	0.6	Q	Q	25.1
Almost Once a Week	0.7	Q	Q	0.2	0.4	Q	Q	29.3
Less Than 4 Times a Month	0.8	Q	Q	Q	0.4	Q	Q	40.4
Personal Computer Usage	35.6	1.3	4.8	11.5	18.0	1.9	5.4	5.6
Hours PC Turned On Each Week								
Less Than 2 Hours	8.2	0.4	1.2	3.1	3.5	0.5	1.4	10.8
2 to 15 Hours	17.4	0.5	2.3	5.7	8.9	0.8	2.3	8.4
16 to 40 Hours	6.7	0.4	0.9	1.8	3.5	0.5	1.4	12.9
On All The Time	3.3	Q	0.3	0.9	2.1	0.1	0.3	18.7
Use of PCs Turned on 16 Hours a Week or More								
Personal Use Only	4.8	0.3	0.7	1.3	2.5	0.4	1.0	15.0
Business Use Only	2.1	Q	Q	0.4	1.4	Q	0.3	21.6
Both Personal and Business	3.1	Q	0.4	1.0	1.7	Q	0.5	19.0
Business Use of PCs Turned on 16 Hours a Week or More								
Use to Telecommute	2.1	Q	0.2	0.6	1.2	Q	0.2	21.6
Other Business Use	3.1	Q	0.3	0.8	1.8	Q	0.5	20.6
Battery Operated Appliances/Tools								
Use Battery Operated Appliances/Tools	44.4	2.0	9.3	15.1	17.9	2.8	8.8	4.8
How Maintained When Not in Use								
Plugged in All The Time	12.5	0.5	2.7	4.2	5.1	0.7	2.3	9.0
Recharged As Needed	27.0	1.2	5.9	9.4	10.5	1.8	5.6	6.4
Both Ways are Used	4.9	0.3	0.8	1.5	2.3	0.3	0.9	13.5
Don't Use Any	57.1	11.3	19.8	16.0	10.0	11.9	25.3	3.2

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-4a. Usage Indicators by Type of Housing Unit,
Million 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:	**0.4**	**0.5**	**1.9**	**1.4**	**1.9**	
Total	101.5	73.7	5.6	15.8	6.3	3.8
Weekday Home Activities						
Home Used for Business						
Yes	7.4	6.1	Q	0.9	0.3	15.2
No	94.1	67.6	5.5	14.9	6.1	3.9
Energy-Intensive Activity						
Yes	2.4	2.0	Q	0.3	Q	22.9
No	99.1	71.8	5.6	15.6	6.2	3.9
Someone Home All Day						
Yes	51.3	38.9	2.8	6.4	3.2	5.2
No	50.1	34.8	2.8	9.4	3.2	4.6
Heating						
Thermostat Available During Heating Season						
Yes	86.0	65.4	4.5	10.7	5.4	4.6
No	14.7	8.0	1.1	4.8	0.8	9.8
Do Not Heat Home	0.8	0.4	Q	0.3	Q	42.0
Set-Back or Clock Thermostat in Home						
Yes	44.9	34.5	2.2	5.2	3.0	8.1
No	56.6	39.2	3.5	10.6	3.3	6.1
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.7	10.3	0.3	0.5	0.5	12.9
Only Manual Controls Used	33.2	24.2	1.8	4.7	2.5	9.4
Winter Temperature Settings						
Lower When No One Home						
Yes	45.5	34.9	2.2	5.6	2.9	5.3
No	56.0	38.9	3.5	10.2	3.5	4.6
Lower During Sleeping Hours						
Yes	47.4	36.9	2.3	5.3	2.9	5.4
No	54.0	36.9	3.3	10.5	3.4	4.9
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	93.9	70.3	5.1	12.6	5.9	4.1
63 Degrees or Less	3.8	2.6	0.2	0.8	0.2	16.8
64 to 66 Degrees	8.3	5.9	0.5	1.3	0.6	11.0
67 to 69 Degrees	23.4	19.4	0.9	2.1	1.0	7.7
70 Degrees	25.6	19.1	1.4	3.3	1.8	6.8
71 to 73 Degrees	14.7	11.4	0.8	1.5	1.1	8.8
74 Degrees or More	18.1	11.9	1.3	3.6	1.3	8.1
Heat Turned Off	2.1	1.1	Q	0.8	Q	26.8
Unknown/No Answer	5.5	2.3	0.4	2.4	0.3	16.4

See footnotes at end of table.

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

Usage Indicators	Total	Single-Family	Type of Housing Unit		Mobile Home	RSE Row Factors
			Multifamily			
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.9	1.4	1.9	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	84.9	64.5	4.4	10.9	5.1	4.4
63 Degrees or Less	19.7	15.0	1.1	2.4	1.3	8.0
64 to 66 Degrees	16.6	12.9	0.8	1.8	1.1	8.2
67 to 69 Degrees	18.0	14.8	0.7	1.9	0.7	8.7
70 Degrees	14.8	10.9	0.7	2.1	1.0	9.1
71 to 73 Degrees	7.6	5.7	0.5	0.8	0.5	11.8
74 Degrees or More	8.2	5.3	0.6	1.8	0.5	11.9
Heat Turned Off	10.4	6.3	0.7	2.5	0.8	11.8
Unknown/No Answer	6.2	2.9	0.6	2.4	0.3	14.9
Winter Temperature During Sleeping Hours						
Heat is Turned On	89.1	67.3	4.7	11.7	5.4	4.3
63 Degrees or Less	16.4	13.0	0.7	1.8	1.0	8.9
64 to 66 Degrees	16.9	13.1	0.8	1.9	1.1	8.3
67 to 69 Degrees	19.6	15.9	0.8	1.9	1.0	8.2
70 Degrees	17.6	12.7	1.2	2.5	1.2	8.2
71 to 73 Degrees	8.4	6.2	0.5	1.1	0.6	10.5
74 Degrees or More	10.2	6.4	0.7	2.5	0.7	11.8
Heat Turned Off	7.3	4.4	0.5	1.7	0.7	14.0
Unknown/No Answer	5.1	2.1	0.4	2.3	0.2	17.3
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.8	37.0	1.6	6.6	2.6	7.0
All Summer	24.6	19.4	0.6	3.2	1.5	9.2
Quite a Bit	10.4	7.9	0.6	1.3	0.6	12.1
Only a Few Times	12.4	9.4	0.4	2.0	0.5	13.4
Not at All	0.3	0.2	Q	Q	Q	55.9
No Central System	53.7	36.8	4.0	9.2	3.7	5.3
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	5.0	4.4	Q	0.3	0.2	19.7
Only Manual Controls Used	13.5	10.3	0.4	2.0	0.8	13.8
Used Only for Heating	0.4	0.3	Q	Q	Q	54.8
Window Air-Conditioning Use						
Use Window Units	26.5	18.0	1.9	4.6	1.9	7.5
All Summer	5.7	3.9	0.2	0.9	0.6	13.6
Quite a Bit	6.6	4.6	0.4	1.1	0.5	11.7
Only a Few Times	13.5	9.1	1.1	2.4	0.8	9.8
Not at All	0.7	0.5	Q	Q	Q	41.5
No Window Units	75.0	55.7	3.7	11.2	4.4	4.4
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	28.3	18.2	2.0	6.1	1.9	6.1
10 to 20	46.7	34.7	2.4	6.6	2.9	4.7
More than 20	26.4	20.7	1.2	3.0	1.5	6.9
Not Applicable	0.2	Q	Q	Q	Q	84.0

See footnotes at end of table.

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

Usage Indicators	Total	Single-Family	Type of Housing Unit Two to Four Units	Five or More Units	Mobile Home	RSE Row Factors
RSE Column Factor:	0.4	0.5	1.9	1.4	1.9	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	50.9	41.7	1.0	6.3	1.8	6.7
Less Than 4 Times	28.7	22.0	0.7	4.7	1.3	8.3
4 to 6 Times	12.9	11.4	0.1	1.0	0.3	11.7
At Least Once Each Day	9.3	8.3	Q	0.6	0.2	14.1
No Dishwasher	50.6	32.0	4.6	9.5	4.5	5.1
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	78.5	68.0	2.2	3.4	5.0	4.9
1 Load or Less	5.3	4.4	0.3	0.3	0.3	17.2
2 to 9 Loads	29.8	25.1	0.9	1.9	1.9	7.8
10 to 15 Loads	10.2	9.1	0.3	0.2	0.6	12.4
More than 15 Loads	3.3	3.0	Q	Q	0.2	16.8
No Washing Machine	22.9	5.8	3.4	12.4	1.3	7.5
Clothes Dryer Usage						
Use a Clothes Dryer	72.2	63.3	1.6	2.8	4.5	5.5
Every Time Clothes are Washed	57.1	49.7	1.3	2.5	3.5	6.6
Some, but not All, Loads	13.0	11.5	0.3	0.2	0.9	11.8
Used Infrequently	2.2	2.0	Q	Q	Q	21.8
No Dryer	29.3	10.5	4.0	13.0	1.8	6.5
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	7.0	4.7	0.5	1.3	0.5	11.5
2 Times a Day	25.7	19.0	1.1	3.8	1.8	7.1
Once a Day	42.2	31.6	2.1	5.8	2.6	5.5
A Few Times Each Week	20.4	14.8	1.2	3.5	0.8	8.2
About Once a Week	3.1	1.8	0.5	0.6	0.3	15.4
Less Than Once a Week	3.0	1.9	0.2	0.6	0.3	18.1
Conventional Oven Use						
More Than Once a Day	8.3	6.0	0.5	1.2	0.5	10.7
Once a Day	20.5	15.7	1.0	2.6	1.2	7.9
Between Once a Day						
and Once a Week	34.9	26.8	1.6	4.7	1.8	5.8
Once a Week	15.1	10.9	0.8	2.5	1.0	7.9
Less Than Once a Week	21.5	13.4	1.7	4.6	1.8	6.5
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	84.2	63.9	3.8	11.3	5.1	4.4
Most or All	7.3	5.0	0.3	1.6	0.4	13.2
About Half	18.4	14.0	0.6	2.7	1.1	8.2
Some or Very Little	22.3	17.1	0.8	3.1	1.3	8.7
Only for Defrosting,						
Reheating, or Snacks	36.2	27.8	2.0	4.0	2.3	6.7
No Microwave Oven	17.3	9.8	1.8	4.5	1.2	8.2

See footnotes at end of table.

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

Usage Indicators RSE Column Factor:	Total 0.4	Single-Family 0.5	Type of Housing Unit		Mobile Home 1.9	RSE Row Factors
			Multifamily			
			Two to Four Units 1.9	Five or More Units 1.4		
Lights						
Outdoor Lights on All Night						
Used	26.3	21.3	0.9	2.4	1.7	8.0
Not Used	75.2	52.4	4.7	13.4	4.6	4.1
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	2.7	Q	Q	Q	28.7
Most Days	1.1	1.1	Q	Q	Q	33.8
Almost Once a Week	0.7	0.7	Q	Q	Q	43.1
Less Than 4 Times a Month	0.8	0.8	Q	Q	Q	65.6
Personal Computer Usage	35.6	29.2	1.2	4.2	1.0	6.2
Hours PC Turned On Each Week						
Less Than 2 Hours	8.2	7.0	0.2	0.8	0.2	13.7
2 to 15 Hours	17.4	14.4	0.6	1.9	0.5	9.0
16 to 40 Hours	6.7	5.3	0.3	0.9	0.2	13.9
On All The Time	3.3	2.6	Q	0.6	Q	17.9
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.8	3.7	0.3	0.6	0.2	15.3
Business Use Only	2.1	1.7	Q	0.3	Q	23.7
Both Personal and Business	3.1	2.4	Q	0.6	Q	20.5
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	1.6	Q	0.5	Q	21.1
Other Business Use	3.1	2.6	Q	0.4	Q	22.6
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	44.4	37.6	1.1	3.5	2.1	5.3
How Maintained When Not in Use						
Plugged in All The Time	12.5	10.4	0.3	1.1	0.7	10.5
Recharged As Needed	27.0	22.7	0.8	2.1	1.4	6.6
Both Ways are Used	4.9	4.5	Q	0.3	Q	18.6
Don't Use Any	57.1	36.1	4.5	12.3	4.2	4.5

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million U.S. Households, 1997

Usage Indicators	Total Owner-Occupied Units	Single-Family	Two to Four Units	Five or More Units	Mobile Home	RSE Row Factors
			Multifamily			
RSE Column Factor:	0.3	0.4	2.7	2.6	1.3	
Total	68.5	61.1	0.9	1.2	5.3	6.2
Weekday Home Activities						
Home Used for Business						
Yes	5.8	5.4	Q	Q	0.2	22.7
No	62.6	55.7	0.9	1.0	5.0	6.7
Energy-Intensive Activity						
Yes	1.8	1.7	Q	Q	Q	35.1
No	66.6	59.4	0.9	1.1	5.1	6.3
Someone Home All Day						
Yes	36.6	32.9	0.5	0.6	2.6	8.1
No	31.8	28.2	0.4	0.6	2.6	8.2
Heating						
Thermostat Available During Heating Season						
Yes	61.6	55.4	0.8	0.9	4.5	6.9
No	6.4	5.4	Q	0.3	0.7	18.3
Do Not Heat Home	0.4	0.3	Q	Q	Q	55.5
Set-Back or Clock Thermostat in Home						
Yes	33.1	29.6	0.4	0.5	2.5	10.9
No	35.4	31.5	0.5	0.7	2.7	10.3
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	10.2	9.4	Q	Q	0.5	17.1
Only Manual Controls Used	22.9	20.2	0.3	0.4	2.0	13.3
Winter Temperature Settings						
Lower When No One Home						
Yes	31.9	28.8	0.3	0.4	2.4	9.2
No	36.5	32.3	0.6	0.7	2.8	7.8
Lower During Sleeping Hours						
Yes	34.7	31.2	0.4	0.6	2.5	9.8
No	33.8	29.9	0.5	0.6	2.8	7.9
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	65.6	58.9	0.8	0.9	4.9	6.7
63 Degrees or Less	2.1	1.9	Q	Q	Q	33.5
64 to 66 Degrees	5.3	4.7	Q	Q	0.4	18.1
67 to 69 Degrees	18.1	16.9	0.2	0.2	0.8	11.4
70 Degrees	17.9	16.1	0.3	0.2	1.4	11.7
71 to 73 Degrees	11.3	10.0	Q	Q	1.0	13.5
74 Degrees or More	10.9	9.5	Q	Q	1.1	11.5
Heat Turned Off	0.9	0.7	Q	Q	Q	76.6
Unknown/No Answer	2.0	1.5	Q	0.2	0.2	30.7

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million 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:	0.3	0.4	2.7	2.6	1.3	
Daytime Winter Temperature When No One is at Home						
Heat is Turned On	60.6	54.6	0.8	0.8	4.4	7.1
63 Degrees or Less	13.6	12.2	0.2	Q	1.1	11.9
64 to 66 Degrees	12.1	11.0	Q	Q	0.9	12.4
67 to 69 Degrees	13.7	12.8	Q	0.2	0.6	13.0
70 Degrees	10.4	9.3	Q	Q	0.8	15.0
71 to 73 Degrees	5.7	4.9	Q	Q	0.5	17.8
74 Degrees or More	5.1	4.4	Q	Q	0.4	18.9
Heat Turned Off	5.4	4.5	Q	0.2	0.6	21.4
Unknown/No Answer	2.5	2.0	Q	0.2	0.2	27.3
Winter Temperature During Sleeping Hours						
Heat is Turned On	62.8	56.8	0.8	0.8	4.5	7.0
63 Degrees or Less	11.8	10.9	Q	Q	0.7	13.9
64 to 66 Degrees	12.5	11.2	Q	Q	0.9	12.3
67 to 69 Degrees	15.1	13.9	0.2	0.2	0.8	13.1
70 Degrees	11.6	10.4	Q	Q	1.0	14.0
71 to 73 Degrees	5.9	5.3	Q	Q	0.5	16.3
74 Degrees or More	5.9	5.1	Q	Q	0.6	20.2
Heat Turned Off	3.8	3.0	Q	0.2	0.6	22.0
Unknown/No Answer	1.8	1.4	Q	0.2	0.2	31.0
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	36.3	33.2	0.4	0.4	2.4	9.6
All Summer	19.1	17.4	Q	0.3	1.3	11.6
Quite a Bit	7.9	7.1	Q	Q	0.5	18.7
Only a Few Times	9.1	8.5	Q	Q	0.5	20.9
Not at All	0.2	0.2	Q	Q	Q	72.9
No Central System	32.1	27.9	0.5	0.8	2.9	9.8
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	4.3	4.0	Q	Q	0.2	25.2
Only Manual Controls Used	10.2	9.2	Q	Q	0.7	19.5
Used Only for Heating	0.3	0.3	Q	Q	Q	78.5
Window Air-Conditioning Use						
Use Window Units	16.7	14.3	0.4	0.5	1.5	12.2
All Summer	3.6	3.0	Q	Q	0.4	24.7
Quite a Bit	4.2	3.6	Q	Q	0.3	18.8
Only a Few Times	8.5	7.3	0.2	0.3	0.7	16.4
Not at All	0.5	0.4	Q	Q	Q	65.3
No Window Units	51.7	46.8	0.5	0.7	3.7	7.8
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	17.8	15.1	0.3	0.8	1.6	10.8
10 to 20	32.1	29.1	0.4	0.3	2.3	8.6
More than 20	18.4	16.9	0.2	Q	1.2	11.4
Not Applicable	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million 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:	0.3	0.4	2.7	2.6	1.3	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	40.3	37.7	0.3	0.6	1.7	9.0
Less Than 4 Times	21.7	19.9	0.2	0.4	1.2	11.4
4 to 6 Times	11.1	10.6	Q	Q	0.3	15.8
At Least Once Each Day	7.5	7.2	Q	Q	0.2	18.0
No Dishwasher	28.1	23.4	0.6	0.6	3.5	9.2
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	63.7	58.4	0.6	0.4	4.3	7.0
1 Load or Less	4.2	3.8	Q	Q	0.3	23.4
2 to 9 Loads	23.9	21.8	0.2	0.3	1.7	11.1
10 to 15 Loads	8.3	7.6	Q	Q	0.5	17.0
More than 15 Loads	2.9	2.7	Q	Q	0.1	26.3
No Washing Machine	4.8	2.7	0.3	0.7	1.0	17.6
Clothes Dryer Usage						
Use a Clothes Dryer	59.9	55.1	0.5	0.4	3.9	7.2
Every Time Clothes are Washed	46.8	43.1	0.4	0.3	3.0	8.0
Some, but not All, Loads	11.2	10.2	Q	Q	0.8	14.1
Used Infrequently	1.9	1.8	Q	Q	Q	32.7
No Dryer	8.5	6.0	0.4	0.8	1.3	14.1
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	4.2	3.6	Q	Q	0.4	19.5
2 Times a Day	17.6	15.7	0.2	0.3	1.5	10.5
Once a Day	30.0	27.1	0.3	0.4	2.2	9.3
A Few Times Each Week	12.9	11.9	Q	0.2	0.7	15.3
About Once a Week	1.8	1.4	Q	Q	0.2	27.4
Less Than Once a Week	1.9	1.4	Q	Q	0.3	29.6
Conventional Oven Use						
More Than Once a Day	5.3	4.6	Q	Q	0.4	17.4
Once a Day	14.3	12.9	0.2	Q	1.0	12.5
Between Once a Day						
and Once a Week	25.0	23.1	Q	0.3	1.4	10.0
Once a Week	10.2	9.0	Q	0.3	0.8	12.1
Less Than Once a Week	13.0	10.9	0.4	0.2	1.5	11.4
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	60.0	54.0	0.7	0.9	4.4	6.5
Most or All	4.7	4.1	Q	0.2	0.4	18.8
About Half	12.9	11.7	Q	0.2	0.9	12.1
Some or Very Little	15.9	14.5	0.2	0.2	1.1	11.6
Only for Defrosting,						
Reheating, or Snacks	26.4	23.8	0.4	0.2	2.0	11.2
No Microwave Oven	8.5	7.1	0.2	0.3	0.9	16.3

See footnotes at end of table.

Table HC6-5a. Usage Indicators by Type of Owner-Occupied Housing Unit, Million 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:	0.3	0.4	2.7	2.6	1.3	
Lights						
Outdoor Lights on All Night						
Used	20.2	18.4	0.2	Q	1.4	10.3
Not Used	48.2	42.7	0.7	1.0	3.8	7.6
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	2.6	Q	Q	Q	39.0
Most Days	1.1	1.1	Q	Q	Q	45.3
Almost Once a Week	0.7	0.7	Q	Q	Q	57.6
Less Than 4 Times a Month	0.8	0.8	Q	Q	Q	88.0
Personal Computer Usage	26.6	25.4	Q	0.2	0.8	9.7
Hours PC Turned On Each Week						
Less Than 2 Hours	6.5	6.2	Q	Q	0.2	20.0
2 to 15 Hours	12.9	12.3	Q	Q	0.4	13.8
16 to 40 Hours	4.9	4.6	Q	Q	0.2	20.2
On All The Time	2.3	2.2	Q	Q	Q	30.6
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	3.4	3.2	Q	Q	0.2	25.0
Business Use Only	1.6	1.6	Q	Q	Q	35.9
Both Personal and Business	2.1	2.1	Q	Q	Q	28.1
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	1.4	1.3	Q	Q	Q	33.7
Other Business Use	2.4	2.3	Q	Q	Q	29.3
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	36.0	33.3	0.4	0.3	1.9	8.1
How Maintained When Not in Use						
Plugged in All The Time	10.3	9.4	Q	Q	0.6	14.6
Recharged As Needed	21.5	19.9	0.2	0.2	1.3	10.5
Both Ways are Used	4.1	4.1	Q	Q	Q	25.6
Don't Use Any	32.5	27.8	0.6	0.8	3.3	8.2

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-6a. Usage Indicators by Type of Rented Housing Unit, Million U.S. Households, 1997

Usage Indicators	Total Rented Units	Single-Family	Type of Rented Housing Unit		Mobile Home	RSE Row Factors
			Multifamily			
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.7	1.3	0.9	2.2	
Total	33.0	12.6	4.7	14.6	1.1	6.3
Weekday Home Activities						
Home Used for Business						
Yes	1.5	0.7	Q	0.8	Q	25.5
No	31.5	11.9	4.7	13.9	1.0	6.3
Energy-Intensive Activity						
Yes	0.6	0.3	Q	0.2	Q	35.5
No	32.4	12.3	4.7	14.4	1.1	6.4
Someone Home All Day						
Yes	14.7	6.1	2.3	5.8	0.5	8.8
No	18.3	6.6	2.4	8.8	0.5	8.0
Heating						
Thermostat Available During Heating Season						
Yes	24.3	10.0	3.7	9.8	0.9	7.4
No	8.3	2.5	1.0	4.6	Q	12.1
Do Not Heat Home	0.4	Q	Q	0.3	Q	56.5
Set-Back or Clock Thermostat in Home						
Yes	11.8	4.9	1.7	4.7	0.5	12.0
No	21.2	7.7	3.0	10.0	0.6	7.8
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	1.5	0.9	0.2	0.4	Q	24.9
Only Manual Controls Used	10.3	4.0	1.5	4.3	0.5	12.7
Winter Temperature Settings						
Lower When No One Home						
Yes	13.5	6.1	1.8	5.2	0.4	8.9
No	19.5	6.5	2.9	9.5	0.6	7.7
Lower During Sleeping Hours						
Yes	12.8	5.7	1.9	4.8	0.5	8.9
No	20.2	6.9	2.8	9.9	0.6	7.6
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	28.3	11.4	4.3	11.7	1.0	6.8
63 Degrees or Less	1.8	0.7	0.2	0.8	Q	21.8
64 to 66 Degrees	3.0	1.2	0.5	1.2	Q	16.6
67 to 69 Degrees	5.2	2.5	0.7	1.8	0.2	13.5
70 Degrees	7.7	3.1	1.2	3.1	0.4	11.1
71 to 73 Degrees	3.5	1.4	0.6	1.3	Q	15.5
74 Degrees or More	7.1	2.4	1.2	3.4	0.2	13.0
Heat Turned Off	1.2	0.4	Q	0.8	Q	21.9
Unknown/No Answer	3.5	0.9	0.4	2.2	Q	17.5

See footnotes at end of table.

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

| Usage Indicators | Total Rented Units | Single-Family | Multifamily | | Mobile Home | RSE Row Factors |
| | | | 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	24.3	9.8	3.6	10.1	0.8	7.1
63 Degrees or Less	6.1	2.7	0.9	2.3	0.2	12.9
64 to 66 Degrees	4.4	1.9	0.7	1.7	0.2	14.4
67 to 69 Degrees	4.3	2.0	0.6	1.7	0.1	15.0
70 Degrees	4.4	1.6	0.6	2.0	0.2	14.0
71 to 73 Degrees	1.9	0.8	0.3	0.8	Q	21.0
74 Degrees or More	3.1	0.9	0.5	1.7	Q	20.5
Heat Turned Off	5.0	1.8	0.6	2.4	0.2	15.1
Unknown/No Answer	3.7	1.0	0.5	2.1	Q	17.0
Winter Temperature During Sleeping Hours						
Heat is Turned On	26.3	10.5	3.9	11.0	0.9	6.9
63 Degrees or Less	4.6	2.1	0.6	1.6	0.3	12.9
64 to 66 Degrees	4.4	1.9	0.6	1.8	0.1	14.7
67 to 69 Degrees	4.5	2.0	0.6	1.7	0.1	13.2
70 Degrees	6.0	2.3	1.0	2.4	0.2	11.8
71 to 73 Degrees	2.5	0.9	0.5	1.0	Q	17.1
74 Degrees or More	4.4	1.3	0.6	2.4	Q	17.9
Heat Turned Off	3.4	1.4	0.5	1.5	Q	18.4
Unknown/No Answer	3.3	0.7	0.3	2.2	Q	18.5
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	11.4	3.8	1.2	6.2	0.3	12.7
All Summer	5.5	2.0	0.4	3.0	0.2	15.7
Quite a Bit	2.5	0.8	0.4	1.3	Q	22.2
Only a Few Times	3.3	1.0	0.4	1.9	Q	24.0
Not at All	Q	Q	Q	Q	Q	NF
No Central System	21.6	8.9	3.4	8.5	0.8	7.3
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	0.7	0.3	Q	0.3	Q	39.8
Only Manual Controls Used	3.3	1.0	0.3	1.8	Q	20.8
Used Only for Heating	Q	Q	Q	Q	Q	NF
Window Air-Conditioning Use						
Use Window Units	9.8	3.7	1.5	4.1	0.4	10.8
All Summer	2.1	0.9	0.2	0.8	0.2	17.5
Quite a Bit	2.4	1.0	0.3	1.0	Q	20.5
Only a Few Times	5.1	1.8	0.9	2.2	0.1	13.1
Not at All	0.2	Q	Q	Q	Q	91.6
No Window Units	23.3	8.9	3.2	10.5	0.7	7.7
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	10.4	3.1	1.7	5.3	0.3	10.8
10 to 20	14.6	5.6	2.0	6.3	0.6	8.4
More than 20	7.9	3.8	1.0	2.9	0.2	11.5
Not Applicable	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

Table HC6-6a. Usage Indicators by Type of Rented Housing Unit, Million U.S. Households, 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	10.6	4.0	0.7	5.8	Q	13.5
Less Than 4 Times	6.9	2.1	0.5	4.2	Q	16.0
4 to 6 Times	1.8	0.8	Q	0.9	Q	20.0
At Least Once Each Day	1.8	1.1	Q	0.6	Q	23.7
No Dishwasher	22.5	8.6	4.0	8.9	1.0	7.5
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	14.9	9.5	1.7	3.0	0.7	10.2
1 Load or Less	1.0	0.5	0.2	0.2	Q	28.9
2 to 9 Loads	5.9	3.3	0.7	1.6	0.2	14.2
10 to 15 Loads	1.9	1.5	0.1	0.2	Q	23.9
More than 15 Loads	0.5	0.3	Q	Q	Q	36.8
No Washing Machine	18.2	3.1	3.0	11.7	0.3	8.9
Clothes Dryer Usage						
Use a Clothes Dryer	12.3	8.1	1.1	2.4	0.6	12.1
Every Time Clothes are Washed	10.3	6.7	0.9	2.2	0.5	13.1
Some, but not All, Loads	1.7	1.3	0.2	Q	Q	20.0
Used Infrequently	0.3	0.2	Q	Q	Q	47.4
No Dryer	20.8	4.5	3.6	12.2	0.5	7.9
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	2.9	1.2	0.4	1.2	0.1	17.6
2 Times a Day	8.1	3.3	0.9	3.5	0.3	11.4
Once a Day	12.1	4.5	1.8	5.4	0.4	9.4
A Few Times Each Week	7.4	2.9	1.1	3.3	0.2	11.8
About Once a Week	1.2	0.3	0.4	0.5	Q	24.3
Less Than Once a Week	1.1	0.4	Q	0.6	Q	29.4
Conventional Oven Use						
More Than Once a Day	3.0	1.4	0.4	1.1	Q	16.8
Once a Day	6.2	2.8	0.8	2.4	0.2	11.7
Between Once a Day						
and Once a Week	9.9	3.7	1.5	4.3	0.3	9.5
Once a Week	4.9	1.9	0.7	2.2	0.2	14.9
Less Than Once a Week	8.5	2.5	1.3	4.4	0.3	11.0
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	24.2	9.9	3.1	10.4	0.8	7.2
Most or All	2.6	0.9	0.3	1.4	Q	20.2
About Half	5.5	2.3	0.6	2.5	0.2	13.2
Some or Very Little	6.3	2.6	0.6	2.8	0.2	13.9
Only for Defrosting,						
Reheating, or Snacks	9.7	4.1	1.6	3.8	0.3	11.2
No Microwave Oven	8.8	2.7	1.6	4.2	0.3	9.7

See footnotes at end of table.

Table HC6-6a. Usage Indicators by Type of Rented Housing Unit, Million 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	6.1	2.9	0.7	2.3	0.2	14.1
Not Used	26.9	9.7	4.0	12.4	0.8	6.9
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	9.0	3.9	1.0	3.9	0.1	10.6
Hours PC Turned On Each Week						
Less Than 2 Hours	1.7	0.8	0.2	0.7	Q	22.7
2 to 15 Hours	4.5	2.1	0.5	1.8	Q	14.4
16 to 40 Hours	1.8	0.7	0.3	0.8	Q	22.9
On All The Time	1.0	0.4	Q	0.6	Q	29.3
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	1.3	0.5	0.3	0.5	Q	25.2
Business Use Only	0.5	Q	Q	0.3	Q	34.3
Both Personal and Business	1.0	0.4	Q	0.5	Q	34.5
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	0.7	0.2	Q	0.5	Q	34.1
Other Business Use	0.7	0.3	Q	0.4	Q	39.2
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	8.4	4.3	0.8	3.2	0.2	10.9
How Maintained When Not in Use						
Plugged in All The Time	2.2	1.0	Q	1.0	Q	16.3
Recharged As Needed	5.5	2.8	0.6	1.9	0.1	12.9
Both Ways are Used	0.8	0.4	Q	0.3	Q	44.8
Don't Use Any	24.6	8.3	3.9	11.5	0.9	7.3

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

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

Table HC6-7a. Usage Indicators by Four Most Populated States, Million 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	101.5	6.8	11.5	7.0	5.9	NF
Weekday Home Activities						
Home Used for Business						
Yes	7.4	0.5	0.9	0.4	0.4	13.5
No	94.1	6.3	10.6	6.5	5.6	2.2
Energy-Intensive Activity						
Yes	2.4	Q	0.4	0.1	Q	26.0
No	99.1	6.7	11.1	6.8	5.8	1.5
Someone Home All Day						
Yes	51.3	3.8	5.8	3.5	3.4	3.2
No	50.1	3.0	5.6	3.5	2.5	3.6
Heating						
Thermostat Available During Heating Season						
Yes	86.0	4.6	8.8	5.8	5.0	3.2
No	14.7	2.2	2.6	1.1	0.7	13.1
Do Not Heat Home	0.8	(*)	Q	Q	Q	24.0
Set-Back or Clock Thermostat in Home						
Yes	44.9	2.5	5.9	3.8	3.6	8.1
No	56.6	4.3	5.6	3.2	2.4	7.8
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.7	0.9	1.6	0.7	0.7	15.8
Only Manual Controls Used	33.2	1.7	4.3	3.1	2.8	11.0
Winter Temperature Settings						
Lower When No One Home						
Yes	45.5	2.3	6.8	3.0	2.3	4.0
No	56.0	4.5	4.7	4.0	3.6	3.1
Lower During Sleeping Hours						
Yes	47.4	2.7	7.4	3.2	2.5	3.9
No	54.0	4.1	4.1	3.8	3.4	3.6
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	93.9	5.8	9.8	6.4	4.7	2.7
63 Degrees or Less	3.8	0.3	0.7	0.1	0.1	26.4
64 to 66 Degrees	8.3	0.7	1.6	0.4	0.4	12.7
67 to 69 Degrees	23.4	1.6	2.5	1.1	0.6	9.1
70 Degrees	25.6	1.5	2.9	1.7	0.9	8.2
71 to 73 Degrees	14.7	0.8	0.8	1.0	0.9	8.3
74 Degrees or More	18.1	0.9	1.3	2.2	1.9	8.9
Heat Turned Off	2.1	Q	1.1	Q	0.6	22.0
Unknown/No Answer	5.5	1.1	0.5	0.5	0.6	22.3

See footnotes at end of table.

Table HC6-7a. Usage Indicators by Four Most Populated States, Million 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	84.9	5.6	6.7	5.6	3.7	3.3
63 Degrees or Less	19.7	1.2	2.6	1.2	0.5	13.5
64 to 66 Degrees	16.6	1.2	1.5	0.7	0.7	9.9
67 to 69 Degrees	18.0	1.2	1.1	1.0	0.4	11.0
70 Degrees	14.8	1.1	1.0	1.4	0.6	10.6
71 to 73 Degrees	7.6	0.5	0.3	0.5	0.4	14.2
74 Degrees or More	8.2	0.5	Q	0.8	1.1	12.5
Heat Turned Off	10.4	0.1	4.1	0.9	1.7	11.7
Unknown/No Answer	6.2	1.1	0.7	0.5	0.6	18.7
Winter Temperature During Sleeping Hours						
Heat is Turned On	89.1	5.7	7.4	6.2	4.3	3.0
63 Degrees or Less	16.4	1.1	2.5	0.8	0.3	13.3
64 to 66 Degrees	16.9	1.3	1.5	1.1	0.6	7.5
67 to 69 Degrees	19.6	1.3	1.3	1.1	0.6	8.8
70 Degrees	17.6	1.0	1.3	1.5	0.7	10.3
71 to 73 Degrees	8.4	0.4	0.4	0.6	0.7	13.5
74 Degrees or More	10.2	0.6	0.5	1.1	1.5	16.4
Heat Turned Off	7.3	0.1	3.6	0.3	1.0	17.7
Unknown/No Answer	5.1	1.1	0.4	0.4	0.6	23.1
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.8	1.3	3.3	4.8	4.9	5.3
All Summer	24.6	0.4	0.7	3.7	3.6	9.4
Quite a Bit	10.4	0.4	0.8	0.6	0.6	12.6
Only a Few Times	12.4	0.5	1.7	0.5	0.6	16.1
Not at All	0.3	Q	0.1	(*)	0.1	29.0
No Central System	53.7	5.6	8.2	2.2	1.0	5.2
Use of Set-Back/Clock Thermostat for Cooling						
Programming Features Used	5.0	0.2	0.3	0.7	0.5	16.7
Only Manual Controls Used	13.5	0.4	0.7	2.1	2.4	16.7
Used Only for Heating	0.4	Q	Q	Q	Q	57.5
Window Air-Conditioning Use						
Use Window Units	26.5	3.0	1.5	1.6	0.9	10.0
All Summer	5.7	0.4	0.2	0.7	0.3	22.7
Quite a Bit	6.6	0.8	0.3	0.4	0.2	18.6
Only a Few Times	13.5	1.8	1.0	0.5	0.3	11.2
Not at All	0.7	Q	Q	Q	0.1	36.2
No Window Units	75.0	3.8	10.0	5.3	5.1	2.9
Hot Water						
Number of Showers/Baths Taken Each Week						
Fewer than 10	28.3	1.9	2.8	1.6	1.3	6.9
10 to 20	46.7	3.1	5.7	2.8	2.5	4.4
More than 20	26.4	1.8	2.9	2.5	2.1	6.7
Not Applicable	0.2	(*)	(*)	Q	Q	43.3

See footnotes at end of table.

Table HC6-7a. Usage Indicators by Four Most Populated States, Million 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	50.9	3.1	5.5	3.8	3.4	6.1
Less Than 4 Times	28.7	1.8	3.2	2.1	2.1	8.6
4 to 6 Times	12.9	0.8	1.4	0.9	0.8	11.7
At Least Once Each Day	9.3	0.6	0.9	0.8	0.5	12.7
No Dishwasher	50.6	3.7	6.0	3.2	2.5	6.4
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	78.5	4.5	7.0	5.1	4.9	4.3
1 Load or Less	5.3	0.4	0.5	0.3	0.4	19.2
2 to 9 Loads	29.8	2.0	2.8	1.6	2.1	7.5
10 to 15 Loads	10.2	0.5	0.7	0.7	0.5	12.4
More than 15 Loads	3.3	0.2	0.2	0.3	0.1	23.7
No Washing Machine	22.9	2.3	4.5	1.9	1.1	11.5
Clothes Dryer Usage						
Use a Clothes Dryer	72.2	3.7	6.6	4.8	4.4	4.1
Every Time Clothes are Washed	57.1	2.7	5.4	4.3	3.8	6.1
Some, but not All, Loads	13.0	0.8	1.0	0.5	0.4	15.5
Used Infrequently	2.2	0.2	0.2	Q	0.1	20.1
No Dryer	29.3	3.1	4.9	2.1	1.6	7.9
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	7.0	0.6	1.0	0.6	0.8	11.6
2 Times a Day	25.7	1.3	2.9	1.8	1.3	8.4
Once a Day	42.2	2.9	4.8	2.6	2.4	6.9
A Few Times Each Week	20.4	1.4	2.2	1.4	1.1	10.5
About Once a Week	3.1	0.3	0.2	0.4	0.2	20.8
Less Than Once a Week	3.0	Q	0.4	0.2	0.2	28.5
Conventional Oven Use						
More Than Once a Day	8.3	0.5	0.9	0.7	0.5	17.4
Once a Day	20.5	1.1	1.9	1.5	1.2	8.7
Between Once a Day						
and Once a Week	34.9	2.0	3.7	2.4	1.8	6.9
Once a Week	15.1	1.2	1.4	1.0	1.1	8.2
Less Than Once a Week	21.5	1.9	3.4	1.4	1.3	8.4
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	84.2	5.2	9.4	5.6	5.0	2.1
Most or All	7.3	0.4	1.0	0.5	0.4	16.8
About Half	18.4	0.7	2.4	1.3	1.2	9.0
Some or Very Little	22.3	1.4	2.4	1.1	1.2	12.6
Only for Defrosting,						
Reheating, or Snacks	36.2	2.7	3.7	2.6	2.1	6.8
No Microwave Oven	17.3	1.6	2.1	1.4	1.0	9.3

See footnotes at end of table.

Table HC6-7a. Usage Indicators by Four Most Populated States, Million 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	26.3	1.3	2.3	2.5	1.8	9.4
Not Used	75.2	5.5	9.1	4.5	4.2	3.3
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	0.1	Q	Q	Q	13.8
Most Days	1.1	Q	Q	Q	Q	39.1
Almost Once a Week	0.7	0.1	Q	Q	Q	40.4
Less Than 4 Times a Month	0.8	Q	Q	Q	Q	76.4
Personal Computer Usage	35.6	2.2	4.6	2.6	2.0	5.9
Hours PC Turned On Each Week						
Less Than 2 Hours	8.2	0.5	0.8	0.5	0.3	17.3
2 to 15 Hours	17.4	1.1	2.3	1.3	1.0	10.8
16 to 40 Hours	6.7	0.5	1.0	0.4	0.4	14.3
On All The Time	3.3	0.2	0.5	0.3	0.3	17.5
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.8	0.2	0.6	0.5	0.3	16.2
Business Use Only	2.1	0.1	0.4	0.1	Q	27.8
Both Personal and Business	3.1	0.3	0.5	0.2	0.3	24.8
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	0.2	0.5	0.2	Q	22.9
Other Business Use	3.1	0.2	0.4	Q	0.3	27.4
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	44.4	2.7	5.0	3.2	2.5	5.1
How Maintained When Not in Use						
Plugged in All The Time	12.5	0.6	0.9	0.9	0.8	11.9
Recharged As Needed	27.0	1.8	3.0	1.8	1.6	7.1
Both Ways are Used	4.9	0.2	1.1	0.5	0.1	17.4
Don't Use Any	57.1	4.2	6.5	3.8	3.4	3.8

(*) = Value rounds to zero in the units displayed.
NF = No applicable RSE row factor.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

Table HC6-8a. Usage Indicators by Urban/Rural Location, Million U.S. Households, 1997

| Usage Indicators | Total | Urban/Rural Location[1] | | | | RSE Row Factors |
| | | City | Town | Suburbs | Rural | |
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Total	101.5	48.2	18.2	18.6	16.5	4.0
Weekday Home Activities						
Home Used for Business						
Yes	7.4	2.9	1.0	1.3	2.2	12.0
No	94.1	45.4	17.2	17.3	14.3	4.0
Energy-Intensive Activity						
Yes	2.4	0.9	0.3	0.5	0.6	18.6
No	99.1	47.3	17.9	18.1	15.8	4.0
Someone Home All Day						
Yes	51.3	23.7	9.6	9.5	8.6	4.4
No	50.1	24.6	8.6	9.1	7.9	4.5
Heating						
Thermostat Available During Heating Season						
Yes	86.0	38.9	16.1	17.3	13.7	4.3
No	14.7	8.8	2.1	1.1	2.7	10.0
Do Not Heat Home	0.8	0.5	Q	0.2	Q	25.8
Set-Back or Clock Thermostat in Home						
Yes	44.9	20.8	8.1	9.5	6.5	6.7
No	56.6	27.4	10.2	9.1	9.9	5.9
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.7	5.2	1.9	3.1	1.4	9.8
Only Manual Controls Used	33.2	15.6	6.2	6.3	5.1	8.2
Winter Temperature Settings						
Lower When No One Home						
Yes	45.5	20.9	8.7	8.2	7.7	4.8
No	56.0	27.4	9.5	10.4	8.7	4.2
Lower During Sleeping Hours						
Yes	47.4	22.0	8.9	8.7	7.9	4.7
No	54.0	26.3	9.3	9.9	8.6	4.4
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	93.9	43.0	17.4	17.6	15.8	4.2
63 Degrees or Less	3.8	2.0	0.9	0.4	0.6	16.7
64 to 66 Degrees	8.3	3.4	1.8	1.5	1.6	9.8
67 to 69 Degrees	23.4	9.5	4.5	5.6	3.8	6.1
70 Degrees	25.6	11.8	4.7	4.6	4.5	5.5
71 to 73 Degrees	14.7	6.7	2.5	2.9	2.6	7.7
74 Degrees or More	18.1	9.5	3.0	2.8	2.8	7.4
Heat Turned Off	2.1	1.6	0.3	Q	Q	21.5
Unknown/No Answer	5.5	3.6	0.6	0.7	0.5	18.3

See footnotes at end of table.

Table HC6-8a. Usage Indicators by Urban/Rural Location, Million U.S. Households, 1997 (Continued)

| Usage Indicators | Total | Urban/Rural Location[1] | | | | RSE Row Factors |
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Daytime Winter Temperature						
When No One is at Home						
Heat is Turned On	84.9	37.5	16.2	16.6	14.6	4.3
63 Degrees or Less	19.7	8.2	4.3	3.6	3.6	6.8
64 to 66 Degrees	16.6	7.2	3.4	3.1	2.8	6.3
67 to 69 Degrees	18.0	7.5	3.3	4.3	3.0	7.3
70 Degrees	14.8	6.7	2.7	2.8	2.6	6.8
71 to 73 Degrees	7.6	3.4	1.2	1.6	1.3	10.2
74 Degrees or More	8.2	4.5	1.3	1.2	1.2	10.4
Heat Turned Off	10.4	7.0	1.2	1.1	1.1	11.4
Unknown/No Answer	6.2	3.8	0.8	0.9	0.7	16.0
Winter Temperature						
During Sleeping Hours						
Heat is Turned On	89.1	40.1	16.7	17.2	15.1	4.2
63 Degrees or Less	16.4	7.0	3.7	2.6	3.1	7.6
64 to 66 Degrees	16.9	7.1	3.0	3.8	3.0	6.1
67 to 69 Degrees	19.6	7.8	4.2	4.5	3.2	7.3
70 Degrees	17.6	8.4	3.2	3.1	2.9	6.3
71 to 73 Degrees	8.4	4.2	1.2	1.6	1.4	9.7
74 Degrees or More	10.2	5.7	1.5	1.6	1.4	9.9
Heat Turned Off	7.3	4.7	1.0	0.6	0.9	13.8
Unknown/No Answer	5.1	3.4	0.5	0.7	0.5	19.1
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.8	20.8	7.8	11.9	7.3	5.5
All Summer	24.6	10.7	4.0	6.0	3.9	7.3
Quite a Bit	10.4	4.3	1.5	2.9	1.6	9.6
Only a Few Times	12.4	5.4	2.2	3.0	1.7	9.5
Not at All	0.3	0.3	Q	Q	Q	32.7
No Central System	53.7	27.5	10.4	6.6	9.2	4.8
Use of Set-Back/Clock						
Thermostat for Cooling						
Programming Features Used	5.0	1.9	0.9	1.6	0.6	14.2
Only Manual Controls Used	13.5	6.0	2.1	3.2	2.2	11.0
Used Only for Heating	0.4	0.2	0.2	Q	Q	36.2
Window Air-Conditioning Use						
Use Window Units	26.5	13.2	5.6	3.2	4.5	6.5
All Summer	5.7	2.7	1.2	0.7	1.1	12.5
Quite a Bit	6.6	3.3	1.3	0.9	1.2	10.0
Only a Few Times	13.5	6.9	3.0	1.5	2.1	8.4
Not at All	0.7	0.4	0.1	Q	Q	30.5
No Window Units	75.0	35.0	12.6	15.4	11.9	4.0
Hot Water						
Number of Showers/Baths						
Taken Each Week						
Fewer than 10	28.3	14.3	5.7	4.4	3.8	5.3
10 to 20	46.7	21.7	7.7	8.7	8.6	4.4
More than 20	26.4	12.2	4.8	5.4	4.0	5.6
Not Applicable	0.2	0.1	Q	Q	Q	57.6

See footnotes at end of table.

Table HC6-8a. Usage Indicators by Urban/Rural Location, Million U.S. Households, 1997 (Continued)

| Usage Indicators | Total | Urban/Rural Location[1] | | | | RSE Row Factors |
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Hot Water (continued)						
Dishwasher Use						
Each Week						
Use a Dishwasher	50.9	20.3	8.9	13.4	8.3	5.0
Less Than 4 Times	28.7	12.3	4.7	7.2	4.5	6.1
4 to 6 Times	12.9	4.8	2.4	3.7	2.1	8.5
At Least Once Each Day	9.3	3.3	1.8	2.5	1.8	9.4
No Dishwasher	50.6	27.9	9.3	5.2	8.1	4.9
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	78.5	32.6	14.7	16.4	14.8	4.1
1 Load or Less	5.3	2.4	1.1	1.1	0.7	13.4
2 to 9 Loads	29.8	13.0	5.6	5.9	5.3	5.9
10 to 15 Loads	10.2	3.8	2.1	2.0	2.2	8.8
More than 15 Loads	3.3	0.9	0.8	0.7	0.8	14.1
No Washing Machine	22.9	15.7	3.5	2.2	1.6	8.2
Clothes Dryer Usage						
Use a Clothes Dryer	72.2	28.9	13.6	15.8	14.0	4.3
Every Time Clothes are Washed	57.1	23.2	10.7	13.3	9.9	5.1
Some, but not All, Loads	13.0	4.9	2.4	2.1	3.5	7.9
Used Infrequently	2.2	0.8	0.5	0.3	0.5	17.5
No Dryer	29.3	19.4	4.6	2.8	2.5	6.9
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	7.0	3.9	1.3	0.9	1.0	10.9
2 Times a Day	25.7	12.0	4.3	3.9	5.4	5.9
Once a Day	42.2	18.7	8.1	8.6	6.8	4.5
A Few Times Each Week	20.4	10.4	3.2	4.1	2.6	8.6
About Once a Week	3.1	1.5	0.6	0.5	0.4	14.4
Less Than Once a Week	3.0	1.7	0.6	0.5	0.3	18.2
Conventional Oven Use						
More Than Once a Day	8.3	3.9	1.6	1.1	1.7	10.4
Once a Day	20.5	9.0	3.9	3.6	4.0	6.5
Between Once a Day						
and Once a Week	34.9	15.8	6.6	6.9	5.6	4.9
Once a Week	15.1	7.2	2.3	3.2	2.4	7.1
Less Than Once a Week	21.5	11.7	3.7	3.7	2.5	6.8
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	84.2	37.9	15.8	16.4	14.1	4.5
Most or All	7.3	3.7	1.3	1.5	0.9	11.1
About Half	18.4	8.1	3.6	4.0	2.8	6.8
Some or Very Little	22.3	9.8	4.1	4.4	3.9	7.5
Only for Defrosting,						
Reheating, or Snacks	36.2	16.3	6.7	6.6	6.6	5.9
No Microwave Oven	17.3	10.3	2.5	2.2	2.3	8.7

See footnotes at end of table.

Table HC6-8a. Usage Indicators by Urban/Rural Location, Million U.S. Households, 1997 (Continued)

| Usage Indicators | Total | Urban/Rural Location[1] | | | | RSE Row Factors |
| | | City | Town | Suburbs | Rural | |
RSE Column Factor:	0.5	0.8	1.4	1.3	1.4	
Lights						
Outdoor Lights on All Night						
Used	26.3	11.3	3.7	5.5	5.7	6.0
Not Used	75.2	36.9	14.5	13.0	10.7	3.9
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	1.1	0.4	0.8	0.4	20.1
Most Days	1.1	0.5	0.2	0.1	0.2	26.8
Almost Once a Week	0.7	0.2	Q	0.4	Q	33.3
Less Than 4 Times a Month	0.8	0.3	Q	0.3	Q	42.6
Personal Computer Usage	35.6	15.9	5.6	8.9	5.2	5.4
Hours PC Turned On Each Week						
Less Than 2 Hours	8.2	3.6	1.4	1.7	1.4	10.0
2 to 15 Hours	17.4	7.7	2.7	4.7	2.2	7.0
16 to 40 Hours	6.7	3.0	1.0	1.6	1.0	10.7
On All The Time	3.3	1.5	0.5	0.9	0.5	15.2
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.8	2.2	0.7	1.2	0.7	12.7
Business Use Only	2.1	0.8	0.4	0.6	0.3	19.2
Both Personal and Business	3.1	1.4	0.4	0.7	0.5	16.8
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	1.1	0.2	0.5	0.3	20.2
Other Business Use	3.1	1.2	0.6	0.8	0.5	15.8
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	44.4	17.8	8.2	10.0	8.3	4.7
How Maintained When Not in Use						
Plugged in All The Time	12.5	5.0	2.4	3.2	1.9	8.3
Recharged As Needed	27.0	10.8	4.9	5.9	5.4	5.5
Both Ways are Used	4.9	2.0	0.9	1.0	1.0	11.6
Don't Use Any	57.1	30.4	10.0	8.5	8.2	4.1

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-9a. Usage Indicators by Northeast Census Region, Million 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	101.5	19.7	14.4	5.3	NF
Weekday Home Activities					
Home Used for Business					
Yes	7.4	1.4	1.0	0.4	17.2
No	94.1	18.3	13.4	4.9	1.5
Energy-Intensive Activity					
Yes	2.4	0.4	0.2	0.2	20.5
No	99.1	19.4	14.2	5.1	NF
Someone Home All Day					
Yes	51.3	10.4	7.7	2.7	2.9
No	50.1	9.3	6.7	2.6	3.1
Heating					
Thermostat Available During Heating Season					
Yes	86.0	16.1	11.4	4.6	1.4
No	14.7	3.6	3.0	0.7	7.8
Do Not Heat Home	0.8	Q	Q	Q	38.2
Set-Back or Clock Thermostat in Home					
Yes	44.9	7.4	5.6	1.8	9.0
No	56.6	12.4	8.9	3.5	5.6
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.7	2.2	1.7	0.4	14.0
Only Manual Controls Used	33.2	5.2	3.8	1.4	12.0
Winter Temperature Settings					
Lower When No One Home					
Yes	45.5	8.0	5.2	2.8	3.3
No	56.0	11.8	9.3	2.5	2.5
Lower During Sleeping Hours					
Yes	47.4	8.2	5.6	2.6	4.0
No	54.0	11.5	8.8	2.7	3.2
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	93.9	18.2	13.2	5.1	1.4
63 Degrees or Less	3.8	1.1	0.7	0.4	19.6
64 to 66 Degrees	8.3	2.2	1.5	0.7	6.2
67 to 69 Degrees	23.4	6.0	4.1	1.9	4.6
70 Degrees	25.6	4.9	3.6	1.3	6.1
71 to 73 Degrees	14.7	2.1	1.7	0.4	7.2
74 Degrees or More	18.1	2.0	1.6	0.4	9.5
Heat Turned Off	2.1	Q	Q	Q	26.8
Unknown/No Answer	5.5	1.4	1.2	0.2	20.4

See footnotes at end of table.

Table HC6-9a. Usage Indicators by Northeast Census Region, Million U.S. Households, 1997 (Continued)

Usage Indicators	Total U.S.	Northeast Census Region	Census Division		RSE Row Factors
		Total	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	84.9	18.0	12.9	5.0	1.4
63 Degrees or Less	19.7	4.6	2.8	1.8	7.0
64 to 66 Degrees	16.6	3.9	2.7	1.1	4.8
67 to 69 Degrees	18.0	4.2	3.2	1.1	7.1
70 Degrees	14.8	3.0	2.3	0.7	7.6
71 to 73 Degrees	7.6	1.2	1.0	0.2	15.1
74 Degrees or More	8.2	1.0	0.9	0.1	12.2
Heat Turned Off	10.4	0.2	0.2	Q	16.0
Unknown/No Answer	6.2	1.5	1.3	0.2	18.2
Winter Temperature					
During Sleeping Hours					
Heat is Turned On	89.1	18.1	13.1	5.1	1.4
63 Degrees or Less	16.4	4.1	2.4	1.6	8.8
64 to 66 Degrees	16.9	3.9	3.0	1.0	5.2
67 to 69 Degrees	19.6	4.5	3.3	1.2	6.7
70 Degrees	17.6	3.3	2.4	0.8	6.2
71 to 73 Degrees	8.4	1.1	0.9	0.2	14.8
74 Degrees or More	10.2	1.2	1.0	0.2	13.4
Heat Turned Off	7.3	0.1	Q	Q	19.2
Unknown/No Answer	5.1	1.4	1.3	0.2	20.8
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.8	4.4	4.0	0.4	11.1
All Summer	24.6	1.4	1.3	Q	9.1
Quite a Bit	10.4	1.1	1.0	Q	17.3
Only a Few Times	12.4	1.9	1.7	0.3	14.9
Not at All	0.3	Q	Q	Q	40.0
No Central System	53.7	15.3	10.5	4.9	3.3
Use of Set-Back/Clock					
Thermostat for Cooling					
Programming Features Used	5.0	0.6	0.6	Q	22.2
Only Manual Controls Used	13.5	0.9	0.9	Q	17.8
Used Only for Heating	0.4	Q	Q	Q	45.0
Window Air-Conditioning Use					
Use Window Units	26.5	8.2	6.0	2.2	7.0
All Summer	5.7	0.8	0.6	0.2	16.3
Quite a Bit	6.6	1.8	1.3	0.5	8.4
Only a Few Times	13.5	5.3	3.9	1.4	8.2
Not at All	0.7	0.3	0.2	Q	28.8
No Window Units	75.0	11.6	8.5	3.1	4.2
Hot Water					
Number of Showers/Baths					
Taken Each Week					
Fewer than 10	28.3	5.8	4.1	1.6	3.5
10 to 20	46.7	9.2	6.6	2.6	2.3
More than 20	26.4	4.7	3.7	1.1	4.1
Not Applicable	0.2	Q	Q	Q	69.9

See footnotes at end of table.

Table HC6-9a. Usage Indicators by Northeast Census Region, Million 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	50.9	9.6	7.1	2.5	3.9
Less Than 4 Times	28.7	5.5	4.1	1.4	5.2
4 to 6 Times	12.9	2.4	1.7	0.7	6.8
At Least Once Each Day	9.3	1.7	1.3	0.5	13.3
No Dishwasher	50.6	10.2	7.4	2.8	3.7
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	78.5	15.0	11.0	4.0	2.2
1 Load or Less	5.3	1.3	1.0	0.3	14.1
2 to 9 Loads	29.8	6.2	4.7	1.5	3.6
10 to 15 Loads	10.2	1.9	1.4	0.5	8.2
More than 15 Loads	3.3	0.7	0.5	0.2	13.2
No Washing Machine	22.9	4.7	3.4	1.4	7.1
Clothes Dryer Usage					
Use a Clothes Dryer	72.2	13.2	9.7	3.5	2.3
Every Time Clothes are Washed	57.1	9.3	7.0	2.3	4.1
Some, but not All, Loads	13.0	3.2	2.3	0.9	10.1
Used Infrequently	2.2	0.7	0.4	0.3	14.4
No Dryer	29.3	6.6	4.7	1.8	4.9
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	7.0	1.3	1.0	0.3	10.2
2 Times a Day	25.7	4.1	2.7	1.4	6.5
Once a Day	42.2	9.0	6.6	2.4	3.6
A Few Times Each Week	20.4	3.7	2.8	0.9	8.3
About Once a Week	3.1	0.8	0.7	Q	12.6
Less Than Once a Week	3.0	0.7	0.5	0.2	20.7
Conventional Oven Use					
More Than Once a Day	8.3	1.3	0.8	0.5	11.7
Once a Day	20.5	3.9	2.7	1.2	6.3
Between Once a Day					
and Once a Week	34.9	6.4	4.5	1.9	4.2
Once a Week	15.1	3.3	2.6	0.7	4.0
Less Than Once a Week	21.5	4.8	3.7	1.1	5.7
Amount of Food Cooked					
in Microwave Oven					
Use a Microwave Oven	84.2	15.5	11.3	4.3	1.5
Most or All	7.3	1.3	0.9	0.4	12.2
About Half	18.4	2.8	2.1	0.7	8.9
Some or Very Little	22.3	4.0	2.9	1.2	7.4
Only for Defrosting,					
Reheating, or Snacks	36.2	7.4	5.4	2.0	5.4
No Microwave Oven	17.3	4.2	3.2	1.1	6.4

See footnotes at end of table.

Table HC6-9a. Usage Indicators by Northeast Census Region, Million 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	26.3	3.5	2.8	0.7	8.8
Not Used	75.2	16.2	11.6	4.6	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	35.6	6.3	4.4	1.9	5.2
Hours PC Turned **On Each Week**					
Less Than 2 Hours	8.2	1.5	1.0	0.5	11.5
2 to 15 Hours	17.4	2.8	1.9	0.8	5.4
16 to 40 Hours	6.7	1.6	1.2	0.4	12.3
On All The Time	3.3	0.5	0.3	0.2	19.7
Use of PCs Turned on 16 **Hours a Week or More**					
Personal Use Only	4.8	0.9	0.6	0.3	16.0
Business Use Only	2.1	0.5	0.3	0.1	20.6
Both Personal and Business	3.1	0.7	0.5	0.2	14.4
Business Use of PCs Turned **on 16 Hours a Week or More**					
Use to Telecommute	2.1	0.5	0.3	0.1	19.2
Other Business Use	3.1	0.7	0.6	0.2	14.6
Battery Operated **Appliances/Tools**					
Use Battery Operated Appliances/Tools	44.4	8.5	6.2	2.3	4.0
How Maintained When Not in Use					
Plugged in All The Time	12.5	2.4	1.7	0.7	7.9
Recharged As Needed	27.0	5.3	4.0	1.4	5.5
Both Ways are Used	4.9	0.8	0.6	0.3	10.7
Don't Use Any	57.1	11.2	8.2	3.0	3.0

NF = No applicable RSE row factor.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
  Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.
  Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

Table HC6-10a. Usage Indicators by Midwest Census Region, Million U.S. Households, 1997

Usage Indicators	Total U.S.	Midwest Census Region	Census Division		RSE Row Factors
		Total	East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.2	1.7	
Total	101.5	24.1	16.9	7.2	NF
Weekday Home Activities					
Home Used for Business					
Yes	7.4	1.7	1.3	0.4	13.5
No	94.1	22.3	15.6	6.7	1.0
Energy-Intensive Activity					
Yes	2.4	0.6	0.4	0.3	15.9
No	99.1	23.4	16.6	6.9	NF
Someone Home All Day					
Yes	51.3	11.6	8.2	3.4	3.3
No	50.1	12.5	8.7	3.8	3.1
Heating					
Thermostat Available During Heating Season					
Yes	86.0	21.9	15.3	6.6	1.3
No	14.7	2.1	1.6	0.6	12.3
Do Not Heat Home	0.8	Q	Q	Q	36.6
Set-Back or Clock Thermostat in Home					
Yes	44.9	10.3	6.4	3.9	8.9
No	56.6	13.7	10.5	3.3	7.2
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.7	3.2	1.9	1.3	9.5
Only Manual Controls Used	33.2	7.2	4.6	2.6	12.6
Winter Temperature Settings					
Lower When No One Home					
Yes	45.5	10.0	6.5	3.5	4.2
No	56.0	14.1	10.5	3.6	3.2
Lower During Sleeping Hours					
Yes	47.4	9.7	6.4	3.3	4.0
No	54.0	14.4	10.5	3.9	3.0
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	93.9	23.2	16.2	7.0	0.6
63 Degrees or Less	3.8	0.7	0.5	0.1	18.1
64 to 66 Degrees	8.3	1.5	1.0	0.5	10.4
67 to 69 Degrees	23.4	6.3	4.3	2.0	4.0
70 Degrees	25.6	6.2	4.1	2.1	4.8
71 to 73 Degrees	14.7	5.0	3.7	1.3	6.0
74 Degrees or More	18.1	3.5	2.5	1.0	9.4
Heat Turned Off	2.1	Q	Q	Q	25.8
Unknown/No Answer	5.5	0.9	0.8	Q	16.5

See footnotes at end of table.

Table HC6-10a. Usage Indicators by Midwest Census Region, Million 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	84.9	22.9	15.9	6.9	0.8
63 Degrees or Less	19.7	4.3	2.8	1.5	7.6
64 to 66 Degrees	16.6	4.3	2.8	1.5	4.7
67 to 69 Degrees	18.0	5.2	3.5	1.7	7.3
70 Degrees	14.8	4.0	2.9	1.1	7.8
71 to 73 Degrees	7.6	3.1	2.4	0.7	11.0
74 Degrees or More	8.2	2.0	1.6	0.4	11.3
Heat Turned Off	10.4	0.2	Q	Q	19.1
Unknown/No Answer	6.2	1.0	0.8	Q	16.8
Winter Temperature					
During Sleeping Hours					
Heat is Turned On	89.1	23.2	16.2	7.0	0.6
63 Degrees or Less	16.4	3.0	2.0	1.0	8.8
64 to 66 Degrees	16.9	4.2	2.7	1.5	4.5
67 to 69 Degrees	19.6	5.7	3.7	2.0	5.9
70 Degrees	17.6	4.7	3.3	1.4	6.8
71 to 73 Degrees	8.4	3.2	2.5	0.6	8.1
74 Degrees or More	10.2	2.4	1.8	0.6	12.0
Heat Turned Off	7.3	Q	Q	Q	13.3
Unknown/No Answer	5.1	0.8	0.7	Q	18.1
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.8	12.4	8.0	4.3	4.2
All Summer	24.6	4.1	2.5	1.7	9.6
Quite a Bit	10.4	3.6	2.5	1.0	9.4
Only a Few Times	12.4	4.6	3.1	1.6	7.3
Not at All	0.3	Q	Q	Q	38.3
No Central System	53.7	11.7	8.9	2.8	4.5
Use of Set-Back/Clock					
Thermostat for Cooling					
Programming Features Used	5.0	1.4	0.8	0.7	14.7
Only Manual Controls Used	13.5	2.5	1.5	1.0	14.9
Used Only for Heating	0.4	Q	Q	Q	43.2
Window Air-Conditioning Use					
Use Window Units	26.5	6.6	4.5	2.1	7.7
All Summer	5.7	0.9	0.7	0.2	15.2
Quite a Bit	6.6	1.9	1.4	0.5	12.8
Only a Few Times	13.5	3.5	2.2	1.3	9.0
Not at All	0.7	0.2	Q	Q	27.2
No Window Units	75.0	17.5	12.4	5.1	2.9
Hot Water					
Number of Showers/Baths					
Taken Each Week					
Fewer than 10	28.3	7.4	5.3	2.1	4.7
10 to 20	46.7	10.9	7.6	3.2	2.8
More than 20	26.4	5.8	4.0	1.8	5.9
Not Applicable	0.2	Q	Q	Q	67.1

See footnotes at end of table.

Table HC6-10a. Usage Indicators by Midwest Census Region, Million 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	50.9	11.3	7.7	3.6	3.6
Less Than 4 Times	28.7	6.0	4.1	1.9	5.7
4 to 6 Times	12.9	3.2	2.1	1.1	9.1
At Least Once Each Day	9.3	2.1	1.4	0.7	11.7
No Dishwasher	50.6	12.8	9.3	3.5	3.3
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	78.5	19.0	12.9	6.1	2.0
1 Load or Less	5.3	1.0	0.8	0.2	13.6
2 to 9 Loads	29.8	6.1	4.1	2.0	4.0
10 to 15 Loads	10.2	3.1	2.2	0.9	8.2
More than 15 Loads	3.3	1.0	0.6	0.4	10.6
No Washing Machine	22.9	5.1	4.0	1.0	7.9
Clothes Dryer Usage					
Use a Clothes Dryer	72.2	18.2	12.3	5.9	2.4
Every Time Clothes are Washed	57.1	14.0	9.6	4.4	2.5
Some, but not All, Loads	13.0	3.8	2.4	1.4	6.9
Used Infrequently	2.2	0.4	0.3	Q	18.0
No Dryer	29.3	5.8	4.6	1.3	7.4
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	7.0	1.3	1.0	0.3	9.1
2 Times a Day	25.7	6.2	4.3	1.9	3.9
Once a Day	42.2	10.8	7.1	3.7	3.4
A Few Times Each Week	20.4	4.6	3.5	1.1	5.6
About Once a Week	3.1	0.7	0.6	Q	15.0
Less Than Once a Week	3.0	0.5	0.4	Q	19.6
Conventional Oven Use					
More Than Once a Day	8.3	1.7	1.2	0.5	9.9
Once a Day	20.5	4.8	3.4	1.4	7.3
Between Once a Day					
and Once a Week	34.9	9.1	6.4	2.8	3.6
Once a Week	15.1	3.2	2.2	1.0	8.1
Less Than Once a Week	21.5	4.9	3.6	1.3	5.6
Amount of Food Cooked					
in Microwave Oven					
Use a Microwave Oven	84.2	20.9	14.4	6.5	1.5
Most or All	7.3	1.7	1.2	0.5	13.2
About Half	18.4	4.6	3.2	1.4	5.6
Some or Very Little	22.3	6.0	4.3	1.7	5.5
Only for Defrosting,					
Reheating, or Snacks	36.2	8.6	5.6	2.9	6.9
No Microwave Oven	17.3	3.1	2.5	0.6	10.5

See footnotes at end of table.

Table HC6-10a. Usage Indicators by Midwest Census Region, Million 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	26.3	6.3	4.8	1.5	5.4
Not Used	75.2	17.8	12.1	5.6	1.8
Gas Fireplace Usage During Winter Months					
Use a Gas Fireplace	2.7	0.9	0.7	0.2	24.8
Most Days	1.1	0.4	0.3	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	35.6	9.1	6.4	2.7	4.0
Hours PC Turned On Each Week					
Less Than 2 Hours	8.2	2.3	1.7	0.6	9.3
2 to 15 Hours	17.4	4.3	2.8	1.6	7.1
16 to 40 Hours	6.7	1.8	1.5	0.3	10.1
On All The Time	3.3	0.7	0.4	0.2	16.4
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	4.8	1.2	1.0	0.3	13.1
Business Use Only	2.1	0.6	0.5	Q	21.4
Both Personal and Business	3.1	0.6	0.5	0.2	21.9
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	2.1	0.4	0.3	Q	21.5
Other Business Use	3.1	0.8	0.6	0.2	22.6
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	44.4	11.2	7.8	3.4	3.5
How Maintained When Not in Use					
Plugged in All The Time	12.5	3.3	2.4	0.9	8.8
Recharged As Needed	27.0	6.9	4.7	2.2	3.6
Both Ways are Used	4.9	1.0	0.7	0.3	14.5
Don't Use Any	57.1	12.9	9.1	3.8	3.0

NF = No applicable RSE row factor.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.
Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

Table HC6-11a. Usage Indicators by South Census Region, Million 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	101.5	35.9	18.7	6.3	10.8	NF
Weekday Home Activities						
Home Used for Business						
Yes	7.4	2.2	1.3	0.3	0.6	13.1
No	94.1	33.7	17.4	6.1	10.2	0.9
Energy-Intensive Activity						
Yes	2.4	0.7	0.5	Q	0.2	25.7
No	99.1	35.1	18.2	6.2	10.7	NF
Someone Home All Day						
Yes	51.3	18.2	9.3	3.3	5.6	2.7
No	50.1	17.7	9.4	3.1	5.2	2.8
Heating						
Thermostat Available During Heating Season						
Yes	86.0	30.3	16.2	5.2	8.9	2.3
No	14.7	5.3	2.2	1.1	1.9	11.8
Do Not Heat Home	0.8	0.3	Q	Q	Q	45.8
Set-Back or Clock Thermostat in Home						
Yes	44.9	15.8	7.9	2.7	5.2	9.4
No	56.6	20.1	10.8	3.6	5.6	7.4
Use of Set-Back/Clock Thermostat for Heating						
Programming Features Used	11.7	3.1	1.6	0.3	1.2	13.8
Only Manual Controls Used	33.2	12.6	6.3	2.4	4.0	10.9
Winter Temperature Settings						
Lower When No One Home						
Yes	45.5	15.3	8.1	2.5	4.7	4.3
No	56.0	20.6	10.6	3.9	6.1	3.2
Lower During Sleeping Hours						
Yes	47.4	16.3	8.5	2.7	5.1	4.2
No	54.0	19.6	10.2	3.6	5.8	3.5
Daytime Winter Temperature When Someone is at Home						
Heat is Turned On	93.9	33.0	17.0	5.9	10.1	1.8
63 Degrees or Less	3.8	0.8	0.4	0.2	0.2	17.6
64 to 66 Degrees	8.3	2.0	1.1	0.4	0.5	13.5
67 to 69 Degrees	23.4	6.5	3.7	1.0	1.7	7.6
70 Degrees	25.6	8.8	4.4	1.8	2.5	5.8
71 to 73 Degrees	14.7	5.4	2.7	0.9	1.8	7.6
74 Degrees or More	18.1	9.6	4.7	1.6	3.4	3.8
Heat Turned Off	2.1	0.8	0.7	Q	Q	28.1
Unknown/No Answer	5.5	2.0	1.0	0.3	0.7	22.8

See footnotes at end of table.

Table HC6-11a. Usage Indicators by South Census Region, Million 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	84.9	28.7	15.0	5.2	8.4	3.0
63 Degrees or Less	19.7	5.9	3.1	0.9	1.9	7.6
64 to 66 Degrees	16.6	4.6	2.6	0.9	1.1	7.6
67 to 69 Degrees	18.0	5.9	3.1	1.2	1.6	7.0
70 Degrees	14.8	5.6	2.6	1.2	1.8	7.1
71 to 73 Degrees	7.6	2.5	1.3	0.4	0.8	11.7
74 Degrees or More	8.2	4.3	2.4	0.7	1.2	8.5
Heat Turned Off	10.4	4.9	2.5	0.7	1.6	12.6
Unknown/No Answer	6.2	2.3	1.1	0.4	0.8	21.3
Winter Temperature						
During Sleeping Hours						
Heat is Turned On	89.1	31.4	16.2	5.6	9.5	2.2
63 Degrees or Less	16.4	4.5	2.5	0.8	1.2	9.5
64 to 66 Degrees	16.9	5.0	2.5	0.9	1.5	5.6
67 to 69 Degrees	19.6	6.4	3.4	1.2	1.9	7.7
70 Degrees	17.6	6.8	3.2	1.4	2.2	6.6
71 to 73 Degrees	8.4	3.2	1.7	0.5	1.0	10.7
74 Degrees or More	10.2	5.4	2.9	0.8	1.7	8.1
Heat Turned Off	7.3	2.7	1.5	0.5	0.7	18.3
Unknown/No Answer	5.1	1.8	0.9	0.3	0.6	23.2
Air-Conditioning						
Central Air-Conditioning Use						
Use a Central System	47.8	25.0	13.4	4.2	7.4	3.2
All Summer	24.6	17.2	8.6	2.8	5.9	5.1
Quite a Bit	10.4	4.3	2.6	0.9	0.8	7.7
Only a Few Times	12.4	3.4	2.1	0.6	0.7	15.9
Not at All	0.3	Q	Q	Q	Q	41.1
No Central System	53.7	10.9	5.3	2.1	3.4	5.9
Use of Set-Back/Clock						
Thermostat for Cooling						
Programming Features Used	5.0	2.2	1.0	0.3	1.0	13.7
Only Manual Controls Used	13.5	8.8	4.3	1.5	3.0	10.9
Used Only for Heating	0.4	Q	Q	Q	Q	46.3
Window Air-Conditioning Use						
Use Window Units	26.5	8.7	4.1	1.9	2.7	6.2
All Summer	5.7	3.4	1.5	0.7	1.2	11.1
Quite a Bit	6.6	2.3	1.1	0.4	0.8	11.6
Only a Few Times	13.5	3.0	1.4	0.8	0.7	9.9
Not at All	0.7	Q	Q	Q	Q	35.6
No Window Units	75.0	27.2	14.6	4.4	8.1	2.1
Hot Water						
Number of Showers/Baths						
Taken Each Week						
Fewer than 10	28.3	9.1	4.5	1.8	2.8	5.0
10 to 20	46.7	16.2	8.8	2.8	4.5	3.5
More than 20	26.4	10.6	5.3	1.7	3.5	4.8
Not Applicable	0.2	Q	Q	Q	Q	71.9

See footnotes at end of table.

Table HC6-11a. Usage Indicators by South Census Region, Million 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	50.9	18.5	10.0	2.7	5.8	4.0
Less Than 4 Times	28.7	10.8	6.1	1.4	3.3	5.6
4 to 6 Times	12.9	4.2	2.2	0.8	1.2	8.0
At Least Once Each Day	9.3	3.5	1.7	0.5	1.3	8.8
No Dishwasher	50.6	17.4	8.7	3.7	5.0	4.0
Loads of Laundry						
Washed Each Week						
Use a Clothes Washer	78.5	29.4	15.6	5.5	8.3	2.1
1 Load or Less	5.3	1.8	1.2	0.2	0.4	15.6
2 to 9 Loads	29.8	11.8	6.8	2.0	3.0	4.9
10 to 15 Loads	10.2	3.6	1.6	0.7	1.3	8.5
More than 15 Loads	3.3	1.2	0.4	0.2	0.5	20.1
No Washing Machine	22.9	6.5	3.1	0.9	2.5	9.2
Clothes Dryer Usage						
Use a Clothes Dryer	72.2	26.6	13.6	5.1	7.9	2.5
Every Time Clothes are Washed	57.1	22.4	11.4	4.1	6.9	3.2
Some, but not All, Loads	13.0	3.6	1.8	1.0	0.8	10.3
Used Infrequently	2.2	0.6	0.4	Q	Q	23.6
No Dryer	29.3	9.3	5.1	1.2	3.0	7.2
Cooking						
Number of Hot Meals						
Cooked in the Home						
3 or More Times a Day	7.0	2.6	1.4	0.4	0.8	10.9
2 Times a Day	25.7	9.3	4.7	1.7	2.9	5.7
Once a Day	42.2	13.3	6.6	2.5	4.1	4.8
A Few Times Each Week	20.4	8.3	4.8	1.2	2.3	8.6
About Once a Week	3.1	1.2	0.5	0.2	0.5	13.0
Less Than Once a Week	3.0	1.2	0.6	0.2	0.3	17.3
Conventional Oven Use						
More Than Once a Day	8.3	3.7	1.7	1.0	1.0	12.5
Once a Day	20.5	8.4	4.2	1.8	2.4	6.5
Between Once a Day						
and Once a Week	34.9	11.8	6.2	1.8	3.8	4.7
Once a Week	15.1	5.6	3.1	0.9	1.6	7.2
Less Than Once a Week	21.5	5.9	3.2	0.8	1.9	7.9
Amount of Food Cooked						
in Microwave Oven						
Use a Microwave Oven	84.2	29.6	15.7	5.0	8.9	2.8
Most or All	7.3	2.6	1.3	0.3	0.9	16.7
About Half	18.4	6.4	3.3	1.2	1.8	5.9
Some or Very Little	22.3	7.2	4.1	1.2	1.8	8.1
Only for Defrosting,						
Reheating, or Snacks	36.2	13.5	7.0	2.2	4.3	5.7
No Microwave Oven	17.3	6.3	3.0	1.3	1.9	12.0

See footnotes at end of table.

Table HC6-11a. Usage Indicators by South Census Region, Million 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	26.3	11.0	5.3	2.3	3.5	5.1
Not Used	75.2	24.8	13.4	4.1	7.3	2.2
Gas Fireplace Usage During Winter Months						
Use a Gas Fireplace	2.7	1.2	0.6	0.3	0.4	25.7
Most Days	1.1	0.5	0.2	Q	Q	23.6
Almost Once a Week	0.7	0.4	Q	Q	Q	40.4
Less Than 4 Times a Month	0.8	0.4	Q	Q	Q	49.3
Personal Computer Usage	35.6	11.1	6.0	1.6	3.5	5.5
Hours PC Turned On Each Week						
Less Than 2 Hours	8.2	2.6	1.4	0.4	0.8	10.6
2 to 15 Hours	17.4	5.7	3.0	0.9	1.8	7.4
16 to 40 Hours	6.7	1.6	1.0	0.1	0.5	12.1
On All The Time	3.3	1.3	0.7	0.1	0.4	18.8
Use of PCs Turned on 16 Hours a Week or More						
Personal Use Only	4.8	1.5	0.8	0.1	0.5	15.7
Business Use Only	2.1	0.4	0.3	Q	Q	23.9
Both Personal and Business	3.1	1.0	0.6	Q	0.3	21.6
Business Use of PCs Turned on 16 Hours a Week or More						
Use to Telecommute	2.1	0.4	0.2	Q	Q	24.7
Other Business Use	3.1	0.9	0.7	Q	Q	20.6
Battery Operated Appliances/Tools						
Use Battery Operated Appliances/Tools	44.4	15.0	7.7	2.7	4.5	3.5
How Maintained When Not in Use						
Plugged in All The Time	12.5	4.5	2.4	0.8	1.3	8.4
Recharged As Needed	27.0	9.0	4.7	1.7	2.6	5.7
Both Ways are Used	4.9	1.5	0.6	0.2	0.6	17.6
Don't Use Any	57.1	20.9	11.0	3.6	6.3	2.6

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.

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

Table HC6-12a. Usage Indicators by West Census Region, Million 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	101.5	21.8	6.2	15.6	NF
Weekday Home Activities					
Home Used for Business					
Yes	7.4	2.0	0.6	1.3	9.8
No	94.1	19.8	5.5	14.3	0.9
Energy-Intensive Activity					
Yes	2.4	0.7	0.2	0.5	18.9
No	99.1	21.2	6.0	15.2	0.8
Someone Home All Day					
Yes	51.3	11.1	3.1	8.0	3.2
No	50.1	10.7	3.1	7.6	3.3
Heating					
Thermostat Available During Heating Season					
Yes	86.0	17.7	5.6	12.1	1.9
No	14.7	3.7	0.6	3.1	7.7
Do Not Heat Home	0.8	0.5	Q	0.5	18.3
Set-Back or Clock Thermostat in Home					
Yes	44.9	11.4	3.2	8.2	5.5
No	56.6	10.4	3.0	7.5	5.5
Use of Set-Back/Clock Thermostat for Heating					
Programming Features Used	11.7	3.2	1.0	2.2	11.3
Only Manual Controls Used	33.2	8.2	2.3	5.9	8.6
Winter Temperature Settings					
Lower When No One Home					
Yes	45.5	12.3	3.1	9.2	3.2
No	56.0	9.6	3.1	6.4	3.5
Lower During Sleeping Hours					
Yes	47.4	13.2	3.3	9.9	2.8
No	54.0	8.6	2.9	5.7	3.5
Daytime Winter Temperature When Someone is at Home					
Heat is Turned On	93.9	19.4	5.9	13.5	1.1
63 Degrees or Less	3.8	1.2	0.3	1.0	15.9
64 to 66 Degrees	8.3	2.6	0.5	2.1	11.5
67 to 69 Degrees	23.4	4.6	1.3	3.3	5.7
70 Degrees	25.6	5.7	1.6	4.1	4.6
71 to 73 Degrees	14.7	2.3	1.0	1.3	7.8
74 Degrees or More	18.1	3.0	1.2	1.8	8.8
Heat Turned Off	2.1	1.3	0.1	1.1	17.6
Unknown/No Answer	5.5	1.2	Q	1.0	15.0

See footnotes at end of table.

Table HC6-12a. Usage Indicators by West Census Region, Million 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	84.9	15.4	5.4	10.0	1.5
63 Degrees or Less	19.7	4.9	1.2	3.7	8.0
64 to 66 Degrees	16.6	3.7	1.3	2.4	7.3
67 to 69 Degrees	18.0	2.7	0.9	1.8	8.3
70 Degrees	14.8	2.3	0.9	1.4	5.7
71 to 73 Degrees	7.6	0.8	0.5	0.3	11.2
74 Degrees or More	8.2	1.0	0.5	0.5	15.5
Heat Turned Off	10.4	5.1	0.6	4.5	7.6
Unknown/No Answer	6.2	1.3	0.2	1.1	14.4
Winter Temperature					
During Sleeping Hours					
Heat is Turned On	89.1	16.4	5.6	10.8	1.3
63 Degrees or Less	16.4	4.8	1.2	3.6	6.9
64 to 66 Degrees	16.9	3.8	1.3	2.5	7.0
67 to 69 Degrees	19.6	2.9	1.0	1.9	9.5
70 Degrees	17.6	2.8	1.2	1.6	6.8
71 to 73 Degrees	8.4	0.9	0.4	0.5	13.2
74 Degrees or More	10.2	1.2	0.5	0.7	14.4
Heat Turned Off	7.3	4.4	0.4	4.0	8.7
Unknown/No Answer	5.1	1.0	Q	0.9	14.1
Air-Conditioning					
Central Air-Conditioning Use					
Use a Central System	47.8	6.0	2.1	3.9	7.8
All Summer	24.6	2.0	1.0	0.9	9.5
Quite a Bit	10.4	1.5	0.5	0.9	14.2
Only a Few Times	12.4	2.4	0.6	1.9	13.7
Not at All	0.3	0.2	Q	Q	35.7
No Central System	53.7	15.8	4.1	11.7	3.8
Use of Set-Back/Clock					
Thermostat for Cooling					
Programming Features Used	5.0	0.7	0.3	0.4	16.4
Only Manual Controls Used	13.5	1.3	0.5	0.8	16.4
Used Only for Heating	0.4	Q	Q	Q	45.5
Window Air-Conditioning Use					
Use Window Units	26.5	3.0	1.0	2.1	10.8
All Summer	5.7	0.5	0.1	0.3	17.5
Quite a Bit	6.6	0.7	0.2	0.4	17.7
Only a Few Times	13.5	1.8	0.5	1.2	11.8
Not at All	0.7	Q	Q	Q	34.9
No Window Units	75.0	18.8	5.2	13.6	2.2
Hot Water					
Number of Showers/Baths					
Taken Each Week					
Fewer than 10	28.3	6.1	1.7	4.4	5.2
10 to 20	46.7	10.5	3.1	7.4	3.3
More than 20	26.4	5.2	1.4	3.8	5.6
Not Applicable	0.2	Q	Q	Q	70.6

See footnotes at end of table.

Table HC6-12a. Usage Indicators by West Census Region, Million U.S. Households, 1997 (Continued)

Usage Indicators	Total U.S.	West Census Region	Census Division		RSE Row Factors
		Total	Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Hot Water (continued)					
Dishwasher Use					
Each Week					
Use a Dishwasher	50.9	11.6	3.5	8.1	4.5
Less Than 4 Times	28.7	6.4	1.9	4.6	6.2
4 to 6 Times	12.9	3.1	1.0	2.1	8.5
At Least Once Each Day	9.3	2.0	0.7	1.3	10.5
No Dishwasher	50.6	10.2	2.6	7.6	5.1
Loads of Laundry					
Washed Each Week					
Use a Clothes Washer	78.5	15.2	4.7	10.4	3.4
1 Load or Less	5.3	1.1	0.2	0.9	12.6
2 to 9 Loads	29.8	5.7	1.6	4.1	4.4
10 to 15 Loads	10.2	1.7	0.6	1.0	11.0
More than 15 Loads	3.3	0.5	0.2	0.3	18.3
No Washing Machine	22.9	6.6	1.5	5.2	9.1
Clothes Dryer Usage					
Use a Clothes Dryer	72.2	14.2	4.3	9.9	3.9
Every Time Clothes are Washed	57.1	11.3	3.3	8.1	4.6
Some, but not All, Loads	13.0	2.4	0.8	1.6	9.1
Used Infrequently	2.2	0.5	0.3	0.2	16.8
No Dryer	29.3	7.6	1.8	5.8	8.1
Cooking					
Number of Hot Meals					
Cooked in the Home					
3 or More Times a Day	7.0	1.9	0.6	1.3	11.4
2 Times a Day	25.7	6.1	1.7	4.3	5.8
Once a Day	42.2	9.1	2.7	6.5	4.5
A Few Times Each Week	20.4	3.8	0.9	2.8	6.1
About Once a Week	3.1	0.4	Q	0.3	18.5
Less Than Once a Week	3.0	0.6	0.1	0.5	21.6
Conventional Oven Use					
More Than Once a Day	8.3	1.5	0.3	1.2	12.9
Once a Day	20.5	3.5	1.0	2.5	5.8
Between Once a Day					
and Once a Week	34.9	7.5	2.3	5.2	4.8
Once a Week	15.1	3.0	0.9	2.1	6.5
Less Than Once a Week	21.5	5.9	1.5	4.3	5.4
Amount of Food Cooked					
in Microwave Oven					
Use a Microwave Oven	84.2	18.2	5.2	13.0	1.5
Most or All	7.3	1.7	0.3	1.4	11.6
About Half	18.4	4.6	1.3	3.4	6.5
Some or Very Little	22.3	5.1	1.6	3.5	6.6
Only for Defrosting,					
Reheating, or Snacks	36.2	6.7	2.0	4.8	5.0
No Microwave Oven	17.3	3.6	1.0	2.7	8.1

See footnotes at end of table.

Table HC6-12a. Usage Indicators by West Census Region, Million 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	26.3	5.5	1.9	3.5	7.3
Not Used	75.2	16.4	4.2	12.1	2.6
Gas Fireplace Usage During Winter Months					
Use a Gas Fireplace	2.7	0.4	0.2	0.2	28.1
Most Days	1.1	0.2	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	35.6	9.0	2.5	6.6	5.4
Hours PC Turned On Each Week					
Less Than 2 Hours	8.2	1.8	0.5	1.3	7.1
2 to 15 Hours	17.4	4.6	1.4	3.2	7.0
16 to 40 Hours	6.7	1.7	0.4	1.3	12.0
On All The Time	3.3	0.9	0.1	0.7	15.5
Use of PCs Turned on 16 Hours a Week or More					
Personal Use Only	4.8	1.2	0.3	0.9	13.6
Business Use Only	2.1	0.7	0.2	0.5	21.7
Both Personal and Business	3.1	0.8	Q	0.7	16.7
Business Use of PCs Turned on 16 Hours a Week or More					
Use to Telecommute	2.1	0.8	Q	0.7	14.5
Other Business Use	3.1	0.7	0.1	0.5	19.2
Battery Operated Appliances/Tools					
Use Battery Operated Appliances/Tools	44.4	9.7	2.9	6.8	4.2
How Maintained When Not in Use					
Plugged in All The Time	12.5	2.3	0.9	1.4	7.2
Recharged As Needed	27.0	5.8	1.7	4.1	5.7
Both Ways are Used	4.9	1.6	0.3	1.3	10.3
Don't Use Any	57.1	12.1	3.3	8.8	3.4

NF = No applicable RSE row factor.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report. • All temperatures listed are in degrees Fahrenheit.
Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.