

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

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

See footnotes at end of table.

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

Usage Indicators	2001 Household Income						Eligible for Federal Assistance <sup>1</sup>	RSE Row Factors
	Total	Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More	Below Poverty Line		
RSE Column Factor:	0.5	1.4	1.1	1.0	0.9	1.5	1.0	
Daytime Winter Temperature When Someone is at Home <sup>2</sup>								
Heat Turned On.....	96.8	15.3	20.7	24.9	35.8	12.0	28.9	3.6
63 Degrees or Less.....	3.9	0.8	1.0	1.0	1.2	0.8	1.5	14.3
64 to 66 Degrees.....	8.4	1.3	1.8	2.1	3.2	1.1	2.5	11.4
67 to 69 Degrees.....	23.6	2.4	4.5	6.4	10.3	1.4	5.2	7.1
70 Degrees.....	25.7	4.5	5.5	6.8	8.9	3.6	8.5	6.5
71 to 73 Degrees.....	16.5	2.1	3.5	4.0	6.8	1.6	4.1	7.9
74 Degrees or More.....	18.6	4.2	4.5	4.6	5.5	3.4	7.2	8.1
Heat Turned Off.....	2.0	0.7	0.3	0.5	0.6	0.7	0.9	18.5
Unknown/No Answer.....	7.2	2.4	1.7	1.5	1.7	2.0	3.5	11.6
Daytime Winter Temperature When No One is at Home <sup>2</sup>								
Heat Turned On.....	87.6	13.5	18.5	22.5	33.1	10.2	25.6	3.5
63 Degrees or Less.....	17.7	3.0	4.0	4.3	6.5	2.5	5.1	8.7
64 to 66 Degrees.....	17.2	2.3	3.6	4.4	6.8	1.8	4.6	8.1
67 to 69 Degrees.....	19.1	2.3	3.7	5.0	8.0	1.5	4.7	8.7
70 Degrees.....	15.1	2.8	3.3	3.9	5.2	2.1	5.4	8.8
71 to 73 Degrees.....	8.7	1.2	1.7	2.3	3.5	0.8	2.4	10.7
74 Degrees or More.....	9.8	2.0	2.2	2.5	3.1	1.5	3.4	11.6
Heat Turned Off.....	10.5	2.6	2.3	2.6	2.9	2.5	4.1	11.3
Unknown/No Answer.....	8.0	2.3	1.9	1.7	2.0	2.0	3.6	10.9
Winter Temperature During Sleeping Hours <sup>2</sup>								
Heat Turned On.....	91.8	14.5	19.5	23.6	34.1	11.2	27.4	3.7
63 Degrees or Less.....	15.4	2.6	3.4	3.9	5.5	1.9	4.6	9.0
64 to 66 Degrees.....	17.4	2.9	3.7	4.5	6.3	2.3	5.2	7.5
67 to 69 Degrees.....	21.0	2.5	4.1	5.3	9.1	1.6	5.1	7.2
70 Degrees.....	17.4	3.0	3.9	4.3	6.2	2.6	6.0	8.2
71 to 73 Degrees.....	9.5	1.1	1.6	2.7	4.0	0.8	2.1	11.2
74 Degrees or More.....	11.1	2.4	2.7	2.9	3.1	2.0	4.4	10.2
Heat Turned Off.....	7.1	1.5	1.5	1.8	2.3	1.5	2.5	12.5
Unknown/No Answer.....	7.1	2.3	1.7	1.4	1.6	2.0	3.5	11.5
Air-Conditioning								
Central Air-Conditioning								
Use a Central System.....	58.6	6.3	11.3	15.5	25.6	4.7	12.9	5.3
All Summer.....	28.4	3.1	5.0	7.5	12.8	2.5	5.9	8.0
Quite a Bit.....	12.1	1.2	2.1	3.1	5.7	0.7	2.6	10.6
Only a Few Times.....	16.8	1.7	3.6	4.5	6.8	1.2	3.8	9.1
Not at All.....	1.4	Q	0.6	0.3	0.3	Q	0.6	27.2
No Central System.....	48.4	12.4	11.6	11.6	12.7	10.3	20.9	4.5
Window/Wall Air-Conditioning								
Use Window/Wall Units.....	25.1	6.2	6.3	6.2	6.4	5.1	10.8	6.0
All Summer.....	4.9	1.5	1.3	0.9	1.2	1.3	2.5	13.4
Quite a Bit.....	5.2	1.1	1.3	1.6	1.2	0.8	1.9	13.1
Only a Few Times.....	14.1	3.4	3.5	3.4	3.8	2.7	6.0	7.2
Not at All.....	0.9	0.3	Q	0.2	Q	0.3	0.4	28.1
No Window/Wall Units.....	81.9	12.5	16.6	20.9	31.9	9.9	23.0	3.5

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

See footnotes at end of table.

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

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

<sup>1</sup> Below 150 percent of poverty line or 60 percent of median State income.

<sup>2</sup> The 1.0 million households that do not heat their homes are not included in these categories.

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

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

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2001 Residential Energy Consumption Survey.