

Table HC7.10 Home Appliances Usage Indicators by Household Income, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Total	111.1	26.7	28.8	20.6	13.1	22.0	16.6	38.6
Cooking Appliances								
Frequency of Hot Meals Cooked								
3 or More Times A Day.....	8.2	2.9	2.5	1.3	0.5	1.0	2.4	4.6
2 Times A Day.....	24.6	6.5	7.0	4.3	3.2	3.6	4.8	10.3
Once a Day.....	42.3	8.8	9.8	8.7	5.1	10.0	5.0	12.9
A Few Times Each Week.....	27.2	5.6	7.2	4.7	3.3	6.3	3.2	7.5
About Once a Week.....	3.9	1.1	1.1	0.6	0.5	0.6	0.4	1.4
Less Than Once a Week.....	4.1	1.3	1.0	0.9	0.5	0.4	0.7	1.4
No Hot Meals Cooked.....	0.9	0.5	Q	Q	Q	Q	0.2	0.5
Conventional Oven								
Use an Oven.....	109.6	26.1	28.5	20.2	12.9	21.8	16.3	37.8
More Than Once a Day.....	8.9	2.3	2.1	1.8	1.0	1.7	1.9	3.7
Once a Day.....	19.2	3.5	5.2	3.7	2.4	4.4	2.3	6.2
Between Once a Day and Once a Week	32.0	5.5	8.0	6.3	4.2	8.0	3.3	8.9
Once a Week.....	19.1	4.7	5.4	3.4	2.4	3.3	2.8	6.5
Less than Once a Week.....	30.3	10.0	7.8	5.1	3.0	4.4	5.9	12.5
Do Not Use an Oven.....	1.5	0.7	0.3	0.3	Q	Q	0.4	0.8
Microwave Oven								
Use a Microwave Oven.....	97.7	21.9	25.0	18.2	11.9	20.6	13.6	31.9
Most or all Food Cooked.....	8.3	2.6	2.0	1.3	1.1	1.3	1.5	3.0
About Half of All Food Cooked.....	17.3	3.6	5.0	3.1	2.2	3.5	2.0	5.2
Some or Very Little Food Cooked.....	21.9	3.9	5.1	4.6	2.8	5.4	2.3	5.9
For Defrosting, Reheating, or Snacks.....	50.2	11.9	12.9	9.1	5.9	10.4	7.7	17.8
Do Not Use a Microwave Oven.....	13.4	4.8	3.8	2.3	1.2	1.3	3.1	6.7
Electric Coffee Maker								
Use an Electric Coffee Maker.....	67.2	13.6	16.7	12.7	8.4	15.7	8.1	19.8
3 or More Times a Day.....	2.5	0.8	0.8	0.5	Q	0.3	0.5	1.3
2 Times a Day.....	5.4	1.2	1.5	1.0	0.5	1.1	0.8	1.9
Once a Day.....	36.9	7.0	9.2	7.4	4.6	8.8	4.2	10.3
A Few Times Each Week.....	9.7	1.7	2.3	1.7	1.3	2.7	1.0	2.5
About Once a Week.....	5.0	0.9	1.2	0.7	0.8	1.4	0.4	1.3
Less Than Once a Week.....	7.6	1.9	1.9	1.3	1.0	1.5	1.1	2.7
Do Not Use an Electric Coffee Maker.....	43.9	13.2	12.0	7.8	4.6	6.2	8.5	18.7
Time Coffee Maker is Left On								
Turned off Right Away.....	21.6	4.8	5.5	4.1	2.7	4.5	3.0	6.9
Less than 15 Minutes.....	11.2	2.5	2.8	2.2	1.6	2.0	1.7	3.7
15 Minutes to 1 Hour.....	21.1	3.5	4.9	4.2	2.8	5.7	2.0	5.5
More Than 1 Hour.....	13.2	2.7	3.5	2.2	1.3	3.5	1.3	3.8

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		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Electric Toaster Oven								
Use an Electric Toaster Oven.....	37.3	7.3	9.0	7.7	4.6	8.7	4.5	10.9
3 or More Times a Day.....	0.9	Q	Q	Q	Q	0.3	Q	0.3
2 Times a Day.....	3.2	0.5	0.7	0.6	0.5	0.9	0.3	0.8
Once a Day.....	9.0	1.8	2.2	1.8	1.0	2.3	1.1	2.6
A Few Times Each Week.....	11.6	2.3	2.8	2.1	1.4	3.0	1.3	3.3
About Once a Week.....	4.4	0.8	1.2	1.0	0.7	0.8	0.6	1.4
Less Than Once a Week.....	8.1	1.8	1.9	2.0	1.0	1.4	1.0	2.4
Do Not Use an Electric Toaster Oven.....	73.8	19.4	19.8	12.9	8.5	13.3	12.2	27.6
Electric Toaster Oven Function								
Used Only as a Toaster.....	22.0	4.1	5.2	4.6	2.6	5.5	3.1	6.7
Used Only as an Oven.....	5.7	1.3	1.5	1.2	0.8	0.9	0.4	1.7
Used Both as a Toaster and an Oven.....	9.6	1.9	2.4	1.9	1.2	2.3	0.9	2.6
Refrigerators								
Most-Used Refrigerator								
Age of Most-Used Refrigerator								
Less than 2 Years.....	19.0	4.4	4.5	3.3	2.4	4.3	3.2	6.4
2 to 4 Years.....	22.7	4.5	5.9	4.6	2.7	5.0	3.3	7.4
5 to 9 Years.....	30.9	6.3	8.2	6.2	3.9	6.4	3.9	9.5
10 to 19 Years.....	25.7	6.6	6.5	4.7	2.9	4.9	3.4	8.8
20 Years or More.....	6.1	1.8	1.9	1.0	0.6	0.8	1.0	2.3
Don't Know.....	6.7	3.1	1.9	0.8	0.5	0.5	2.0	4.1
Energy Star (Most-Used) Refrigerator¹								
Yes.....	23.9	3.7	5.4	4.6	3.6	6.5	2.7	6.3
No.....	12.9	3.6	3.6	2.5	1.1	2.0	2.9	5.3
Don't Know.....	4.9	1.6	1.4	0.8	0.4	0.8	0.9	2.2
Unit is More Than 4 Years Old.....	69.4	17.8	18.4	12.6	7.9	12.7	10.2	24.8
Use a Second Refrigerator.....	24.6	2.4	4.9	4.5	3.8	9.0	1.5	4.5
Age of Second Refrigerator								
Less than 2 Years.....	2.3	Q	0.5	0.4	0.4	0.8	Q	0.4
2 to 4 Years.....	3.8	0.4	0.7	0.7	0.7	1.4	0.3	0.9
5 to 9 Years.....	5.3	0.5	1.1	0.9	0.6	2.2	0.4	1.1
10 to 19 Years.....	8.6	0.8	1.4	1.6	1.3	3.4	0.4	1.4
20 Years or More.....	4.1	0.4	1.2	0.8	0.7	1.0	Q	0.6
Don't Know.....	0.5	Q	Q	Q	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	24.3	23.8	16.1	9.2	13.0	15.1	33.9
Number of Months Turned on Each Year								
1 to 3 Months.....	1.9	0.4	0.4	Q	0.3	0.7	0.3	0.7
4 to 6 Months.....	0.9	Q	Q	Q	Q	0.3	Q	Q
7 to 11 Months.....	0.5	Q	Q	Q	Q	Q	Q	Q
On all the Time.....	21.2	1.8	4.4	3.9	3.3	7.9	1.0	3.6

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		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Dishwasher								
Use a Dishwasher.....	64.7	7.3	14.8	13.7	10.0	18.9	4.2	12.8
At Least Once Each Day.....	11.3	0.7	2.5	2.1	1.6	4.4	0.6	2.4
4 to 6 Times a Week.....	11.7	0.7	1.7	2.6	2.3	4.4	0.5	1.6
2 to 3 Times a Week.....	21.8	2.0	5.5	4.4	3.0	6.8	1.1	3.4
Once each Week.....	9.0	1.3	2.1	2.2	1.6	1.8	0.6	1.8
Less than Once Each Week.....	10.9	2.5	3.0	2.5	1.5	1.5	1.4	3.6
Do Not Use a Dishwasher.....	46.4	19.5	13.9	6.8	3.1	3.1	12.5	25.8
Energy Star Dishwasher¹								
Yes.....	16.4	0.9	3.6	3.3	2.6	5.9	0.7	2.6
No.....	6.6	0.8	1.5	1.7	0.9	1.6	0.5	1.4
Don't Know.....	3.1	0.4	0.7	0.4	0.5	1.0	0.3	0.7
Unit is More Than 4 Years Old.....	38.6	5.1	9.0	8.3	5.9	10.4	2.7	8.1
Clothes Washers and Dryers								
Clothes Washer								
Use a Clothes Washer in the Home.....	91.8	17.2	23.1	18.4	12.1	21.0	10.3	26.7
1 Load Each Week.....	7.3	2.8	2.4	0.9	0.6	0.6	1.2	3.1
2 to 5 Loads Each Week.....	39.0	9.1	10.4	8.3	4.5	6.7	5.1	12.5
6 to 9 Loads Each Week.....	33.8	4.0	7.6	6.9	5.4	10.0	2.6	7.7
10 to 15 Loads Each Week.....	9.3	0.9	2.1	1.8	1.3	3.1	1.0	2.4
More than 15 Loads Each Week.....	2.4	0.4	0.5	0.6	0.3	0.5	0.5	1.0
Do Not Use a Clothes Washer in the Home	19.3	9.5	5.7	2.1	1.0	1.0	6.3	11.9
Usual Water Temperature Setting								
Wash Cycle								
Hot.....	6.7	1.8	1.7	1.4	1.0	0.9	0.9	2.5
Warm.....	50.5	9.0	12.5	10.0	6.7	12.3	5.1	13.7
Cold.....	34.6	6.4	8.9	7.1	4.4	7.8	4.3	10.5
Rinse Cycle								
Hot.....	1.6	0.5	0.3	0.5	Q	Q	0.3	0.6
Warm.....	18.2	3.5	5.2	3.6	2.4	3.5	2.0	5.7
Cold.....	72.0	13.3	17.5	14.4	9.5	17.3	8.0	20.4
Energy Star Clothes Washer¹								
Yes.....	21.7	2.5	5.0	4.5	3.2	6.5	1.8	4.9
No.....	10.4	2.1	3.0	2.4	1.4	1.7	1.4	3.6
Don't Know.....	4.5	0.8	1.1	0.9	0.7	1.1	0.6	1.2
Unit is More Than 4 Years Old.....	55.1	11.9	13.9	10.7	6.8	11.7	6.6	17.0
Loads of Clothes Dried								
Use a Clothes Dryer in the Home.....	87.5	15.1	21.8	17.8	11.9	20.9	8.9	23.8
Every Time Clothes are Washed.....	72.4	12.1	17.8	14.7	10.0	18.0	6.8	19.2
Some, but Not All, Loads.....	12.4	2.3	3.2	2.7	1.6	2.6	1.5	3.6
Used Infrequently.....	2.7	0.7	0.8	0.4	0.3	0.4	0.5	1.0
Do Not Use a Clothes Dryer in the Home...	23.6	11.7	7.0	2.7	1.1	1.0	7.8	14.8

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Other Appliances								
Ceiling Fans								
1.....	21.7	6.7	5.8	3.9	2.1	3.1	4.1	8.8
2.....	17.4	3.5	4.8	3.7	1.8	3.6	2.0	5.5
3.....	12.3	2.1	3.3	2.7	2.0	2.2	1.4	3.5
4 or More.....	25.8	2.8	5.8	5.5	3.8	7.9	1.4	5.1
Use of Most-Used Ceiling Fan								
Used All Summer.....	18.7	4.2	4.9	4.1	2.1	3.4	2.4	6.3
Used Quite a Bit.....	16.2	3.4	3.8	3.3	2.3	3.4	2.0	4.9
Used Only a Few Days or Nights.....	39.3	6.6	10.3	8.0	4.9	9.5	4.0	10.6
Not Used at All.....	2.9	0.9	0.7	0.5	0.3	0.6	0.5	1.1
Battery-Operated Appliances/Tools								
Use Battery-Operated Appliances/Tools....	54.9	6.5	12.7	11.9	8.0	15.8	3.8	11.8
Plugged in All the Time.....	10.0	1.0	2.1	2.1	1.6	3.3	0.5	1.8
Recharged as Needed.....	41.6	5.1	9.8	9.3	6.0	11.3	3.2	9.4
Both Ways Are Used.....	3.3	0.4	0.8	0.5	0.4	1.2	Q	0.5
Do Not Use Battery-Operated Appliances/T	56.2	20.3	16.0	8.6	5.1	6.2	12.8	26.8
Other Appliances Used								
Auto Block/Engine/Battery Heater.....	0.8	Q	0.2	Q	Q	0.3	Q	Q
Hot Tub or Spa.....	6.7	Q	0.8	1.3	1.1	3.4	Q	0.5
Swimming Pool with Filters.....	8.3	0.3	1.2	1.3	1.5	4.1	Q	1.0
Water Bed.....	2.2	0.5	0.3	0.4	0.4	0.5	0.2	0.6

1. The question of whether the appliance was an *Energy Star* appliance was asked only of those housing units having a appliance that was less than 4 years old.

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

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See Glossary for definition of terms used in these tables.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2005 Residential Energy Consumption Survey.