

**Table HC5.10 Home Appliances Usage Indicators by Year of Construction, 2005**  
**Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	Year of Construction							
		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
<b>Total</b> .....	111.1	14.7	7.4	12.5	12.5	18.9	18.6	17.3	9.2
<b>Cooking Appliances</b>									
<b>Frequency of Hot Meals Cooked</b>									
3 or More Times A Day.....	8.2	1.0	0.8	1.0	1.2	1.4	1.2	1.0	0.6
2 Times A Day.....	24.6	3.6	1.7	2.3	2.9	4.6	3.8	3.9	1.9
Once a Day.....	42.3	5.4	2.5	4.7	4.5	7.0	7.9	6.6	3.8
A Few Times Each Week.....	27.2	3.6	1.6	3.4	2.8	4.7	4.5	4.4	2.3
About Once a Week.....	3.9	0.4	0.3	0.5	0.6	0.6	0.6	0.7	Q
Less Than Once a Week.....	4.1	0.4	0.4	0.7	0.5	0.5	0.6	0.7	Q
No Hot Meals Cooked.....	0.9	0.2	Q	Q	Q	Q	Q	Q	Q
<b>Conventional Oven</b>									
Use an Oven.....	109.6	14.4	7.2	12.4	12.4	18.6	18.3	17.2	9.1
More Than Once a Day.....	8.9	1.2	0.7	0.9	1.2	1.9	1.2	1.2	0.7
Once a Day.....	19.2	2.4	1.4	1.5	1.8	2.8	3.6	3.4	2.2
Between Once a Day and Once a Week.....	32.0	4.3	1.6	3.4	3.5	5.5	5.7	5.2	2.9
Once a Week.....	19.1	2.3	1.1	2.5	2.2	3.2	3.0	3.2	1.5
Less than Once a Week.....	30.3	4.3	2.5	4.1	3.6	5.2	4.8	4.2	1.7
Do Not Use an Oven.....	1.5	0.3	Q	Q	Q	0.3	0.3	Q	Q
<b>Microwave Oven</b>									
Use a Microwave Oven.....	97.7	12.4	6.5	11.0	10.7	17.1	16.0	15.7	8.1
Most or all Food Cooked.....	8.3	1.1	0.7	1.1	0.7	1.3	1.6	1.2	0.6
About Half of All Food Cooked.....	17.3	1.8	1.1	1.8	2.2	2.9	3.1	3.1	1.4
Some or Very Little Food Cooked.....	21.9	2.9	1.0	1.8	2.6	4.3	3.6	3.5	2.2
For Defrosting, Reheating, or Snacks.....	50.2	6.6	3.7	6.4	5.3	8.7	7.7	8.0	3.9
Do Not Use a Microwave Oven.....	13.4	2.2	0.9	1.5	1.8	1.7	2.5	1.6	1.1
<b>Electric Coffee Maker</b>									
Use an Electric Coffee Maker.....	67.2	8.1	3.9	7.6	7.1	11.6	11.2	11.4	6.3
3 or More Times a Day.....	2.5	0.3	Q	0.4	0.4	0.5	0.3	0.3	Q
2 Times a Day.....	5.4	0.6	0.4	0.8	0.5	0.9	0.9	0.8	0.6
Once a Day.....	36.9	4.0	2.2	4.0	3.8	6.5	6.3	6.7	3.5
A Few Times Each Week.....	9.7	1.2	0.4	1.2	0.9	1.8	1.6	1.6	0.9
About Once a Week.....	5.0	0.8	0.3	0.7	0.7	0.7	1.0	0.6	0.3
Less Than Once a Week.....	7.6	1.2	0.4	0.7	0.8	1.3	1.1	1.4	0.8
Do Not Use an Electric Coffee Maker.....	43.9	6.6	3.5	4.9	5.4	7.3	7.4	6.0	3.0
<b>Time Coffee Maker is Left On</b>									
Turned off Right Away.....	21.6	2.9	1.5	2.6	1.9	3.7	3.6	3.3	2.1
Less than 15 Minutes.....	11.2	1.3	0.6	1.3	1.5	2.1	1.8	1.7	0.9
15 Minutes to 1 Hour.....	21.1	2.3	1.1	2.5	2.2	3.3	3.5	3.9	2.2
More Than 1 Hour.....	13.2	1.5	0.8	1.3	1.5	2.5	2.3	2.4	0.9

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		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
<b>Electric Toaster Oven</b>									
Use an Electric Toaster Oven.....	37.3	4.7	2.8	4.5	4.0	6.0	6.4	5.4	3.4
3 or More Times a Day.....	0.9	Q	Q	Q	Q	Q	Q	Q	Q
2 Times a Day.....	3.2	0.5	0.3	Q	0.6	0.4	0.6	0.4	0.4
Once a Day.....	9.0	1.0	0.8	1.0	1.0	1.8	1.6	1.3	0.6
A Few Times Each Week.....	11.6	1.5	0.5	1.2	1.3	2.2	1.7	2.0	1.2
About Once a Week.....	4.4	0.5	0.3	0.8	0.5	0.5	0.8	0.5	0.6
Less Than Once a Week.....	8.1	1.0	0.9	1.2	0.6	1.1	1.5	1.1	0.7
Do Not Use an Electric Toaster Oven.....	73.8	10.0	4.6	8.0	8.4	12.9	12.1	11.9	5.8
<b>Electric Toaster Oven Function</b>									
Used Only as a Toaster.....	22.0	2.6	1.8	2.6	2.2	3.3	4.2	2.9	2.3
Used Only as an Oven.....	5.7	0.7	0.4	0.7	0.8	0.9	0.9	0.8	0.4
Used Both as a Toaster and an Oven.....	9.6	1.3	0.5	1.2	1.1	1.7	1.3	1.6	0.8
<b>Refrigerators</b>									
<b>Most-Used Refrigerator</b>									
<b>Age of Most-Used Refrigerator</b>									
Less than 2 Years.....	19.0	2.2	1.1	2.1	1.4	2.8	3.1	2.4	3.8
2 to 4 Years.....	22.7	2.7	1.6	2.3	2.6	4.1	3.2	2.6	3.6
5 to 9 Years.....	30.9	4.4	2.2	3.2	3.6	4.8	4.8	6.8	1.0
10 to 19 Years.....	25.7	3.4	1.9	3.5	3.0	3.9	5.1	4.4	0.4
20 Years or More.....	6.1	1.1	0.4	0.7	1.1	1.6	1.2	Q	N
Don't Know.....	6.7	0.9	0.3	0.7	0.7	1.6	1.1	1.1	0.3
<b>Energy Star (Most-Used) Refrigerator<sup>1</sup></b>									
Yes.....	23.9	3.0	1.6	2.8	2.1	3.7	3.6	3.2	3.9
No.....	12.9	1.4	0.8	1.2	1.5	2.5	1.9	1.3	2.2
Don't Know.....	4.9	0.5	0.3	0.5	0.5	0.7	0.8	0.5	1.2
Unit is More Than 4 Years Old.....	69.4	9.8	4.8	8.1	8.4	11.9	12.2	12.4	1.8
<b>Use a Second Refrigerator.....</b>									
<b>Age of Second Refrigerator</b>									
Less than 2 Years.....	2.3	Q	Q	Q	Q	0.4	0.4	0.3	0.7
2 to 4 Years.....	3.8	0.5	Q	0.3	0.4	0.6	0.6	0.5	0.7
5 to 9 Years.....	5.3	0.6	0.3	0.6	0.6	0.7	0.6	1.6	0.3
10 to 19 Years.....	8.6	0.7	0.5	1.1	1.0	1.2	1.6	1.9	0.5
20 Years or More.....	4.1	0.6	0.2	0.6	0.7	0.9	0.4	0.4	Q
Don't Know.....	0.5	Q	N	Q	Q	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	12.2	6.0	9.7	9.4	14.8	14.8	12.5	6.9
<b>Number of Months Turned on Each Year</b>									
1 to 3 Months.....	1.9	0.3	Q	Q	Q	0.4	0.3	0.4	Q
4 to 6 Months.....	0.9	Q	Q	Q	Q	Q	Q	Q	Q
7 to 11 Months.....	0.5	Q	Q	N	Q	Q	Q	Q	Q
On all the Time.....	21.2	2.0	1.2	2.4	2.6	3.5	3.3	4.3	1.9

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		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
<b>Dishwasher</b>									
Use a Dishwasher.....	64.7	5.6	2.8	5.1	6.0	11.3	12.6	13.5	7.8
At Least Once Each Day.....	11.3	1.2	0.3	1.0	0.9	1.8	2.1	2.8	1.2
4 to 6 Times a Week.....	11.7	1.0	0.6	0.7	1.1	1.9	2.1	2.8	1.5
2 to 3 Times a Week.....	21.8	1.7	1.0	1.7	1.8	4.2	4.1	4.3	2.8
Once each Week.....	9.0	0.9	0.5	0.7	1.0	1.5	1.7	1.7	0.9
Less than Once Each Week.....	10.9	0.8	0.3	1.0	1.1	1.9	2.5	1.9	1.4
Do Not Use a Dishwasher.....	46.4	9.1	4.6	7.4	6.4	7.5	6.0	3.8	1.4
<b>Energy Star Dishwasher<sup>1</sup></b>									
Yes.....	16.4	1.4	0.7	1.3	1.3	2.7	2.6	2.3	4.0
No.....	6.6	0.4	0.4	0.3	0.6	1.2	1.0	0.9	1.8
Don't Know.....	3.1	0.4	Q	Q	Q	0.6	0.4	0.4	0.9
Unit is More Than 4 Years Old.....	38.6	3.4	1.6	3.4	4.0	6.9	8.5	9.8	1.1
<b>Clothes Washers and Dryers</b>									
<b>Clothes Washer</b>									
Use a Clothes Washer in the Home.....	91.8	11.1	6.0	10.7	9.9	14.5	15.6	15.6	8.4
1 Load Each Week.....	7.3	1.1	0.7	1.2	0.7	1.0	0.9	0.8	0.7
2 to 5 Loads Each Week.....	39.0	4.8	2.8	4.6	4.2	6.4	6.8	5.9	3.5
6 to 9 Loads Each Week.....	33.8	3.7	1.7	3.8	3.8	5.2	6.2	6.4	3.0
10 to 15 Loads Each Week.....	9.3	1.1	0.6	0.9	1.0	1.6	1.2	2.0	1.0
More than 15 Loads Each Week.....	2.4	0.3	Q	0.3	Q	0.3	0.4	0.5	0.3
Do Not Use a Clothes Washer in the Home.....	19.3	3.6	1.4	1.8	2.6	4.4	3.0	1.7	0.8
<b>Usual Water Temperature Setting</b>									
<b>Wash Cycle</b>									
Hot.....	6.7	0.8	0.4	0.8	1.0	1.3	1.2	0.7	0.5
Warm.....	50.5	6.4	3.5	5.9	5.8	7.8	7.9	8.5	4.8
Cold.....	34.6	3.9	2.1	4.0	3.1	5.5	6.5	6.4	3.1
<b>Rinse Cycle</b>									
Hot.....	1.6	Q	Q	Q	0.3	0.4	Q	0.2	Q
Warm.....	18.2	2.1	1.6	2.2	2.0	2.9	3.2	2.7	1.6
Cold.....	72.0	8.9	4.3	8.4	7.5	11.2	12.2	12.7	6.7
<b>Energy Star Clothes Washer<sup>1</sup></b>									
Yes.....	21.7	2.6	1.3	2.5	2.3	3.0	3.7	3.3	2.9
No.....	10.4	1.0	0.4	1.0	1.0	1.7	2.1	1.7	1.6
Don't Know.....	4.5	0.3	0.3	0.4	0.4	0.8	0.8	0.7	1.0
Unit is More Than 4 Years Old.....	55.1	7.2	4.0	6.9	6.2	9.0	9.0	9.8	2.9
<b>Loads of Clothes Dried</b>									
Use a Clothes Dryer in the Home.....	87.5	10.2	5.4	9.9	9.3	14.2	15.0	15.3	8.2
Every Time Clothes are Washed.....	72.4	7.7	4.3	7.6	7.5	11.9	12.9	13.3	7.3
Some, but Not All, Loads.....	12.4	2.0	1.0	1.9	1.4	1.8	1.8	1.8	0.8
Used Infrequently.....	2.7	0.5	Q	0.4	0.4	0.5	0.4	Q	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	4.5	2.0	2.7	3.1	4.7	3.5	2.1	1.0

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		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
<b>Other Appliances</b>									
<b>Ceiling Fans</b>									
1.....	21.7	3.4	1.0	2.6	2.0	4.1	3.8	3.3	1.4
2.....	17.4	2.1	0.9	1.8	1.9	3.0	2.8	3.0	1.9
3.....	12.3	1.5	1.1	1.5	1.5	1.8	1.8	2.0	1.1
4 or More.....	25.8	2.6	1.5	2.8	2.5	3.7	4.3	5.6	2.8
<b>Use of Most-Used Ceiling Fan</b>									
Used All Summer.....	18.7	2.6	1.2	2.4	2.2	3.5	2.5	3.0	1.3
Used Quite a Bit.....	16.2	2.1	0.8	1.9	1.9	2.7	2.6	2.9	1.3
Used Only a Few Days or Nights.....	39.3	4.5	2.2	4.1	3.5	6.0	7.2	7.5	4.2
Not Used at All.....	2.9	0.3	0.3	0.2	Q	0.5	0.5	0.5	0.4
<b>Battery-Operated Appliances/Tools</b>									
Use Battery-Operated Appliances/Tools.....	54.9	6.0	3.4	6.1	6.2	8.8	8.7	10.2	5.4
Plugged in All the Time.....	10.0	0.9	0.5	1.2	1.2	1.7	1.3	2.0	1.1
Recharged as Needed.....	41.6	4.7	2.9	4.6	4.7	6.5	6.9	7.2	4.0
Both Ways Are Used.....	3.3	0.3	Q	0.3	0.3	0.5	0.5	1.0	0.3
Do Not Use Battery-Operated Appliances/Tools....	56.2	8.7	4.0	6.4	6.2	10.1	9.8	7.1	3.8
<b>Other Appliances Used</b>									
Auto Block/Engine/Battery Heater.....	0.8	Q	Q	Q	Q	Q	Q	Q	Q
Hot Tub or Spa.....	6.7	0.6	Q	0.4	0.7	1.3	1.2	1.5	0.9
Swimming Pool with Filters.....	8.3	0.5	0.2	0.8	1.2	1.9	1.5	1.4	0.7
Water Bed.....	2.2	Q	Q	0.3	Q	0.4	0.4	0.4	Q

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.