

Table HC2.10 Home Appliances Usage Indicators by Type of Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Total.....	111.1	72.1	7.6	7.8	16.7	6.9
Cooking Appliances						
Frequency of Hot Meals Cooked						
3 or More Times A Day.....	8.2	4.8	0.5	0.7	1.4	0.8
2 Times A Day.....	24.6	15.6	1.8	2.0	3.6	1.6
Once a Day.....	42.3	28.8	2.7	2.8	5.4	2.6
A Few Times Each Week.....	27.2	17.8	2.0	1.7	4.1	1.5
About Once a Week.....	3.9	2.4	Q	Q	0.8	0.4
Less Than Once a Week.....	4.1	2.4	0.3	Q	1.1	Q
No Hot Meals Cooked.....	0.9	0.3	Q	Q	0.3	Q
Coventional Oven						
Use an Oven.....	109.6	71.3	7.4	7.7	16.4	6.8
More Than Once a Day.....	8.9	5.7	0.5	0.6	1.3	0.7
Once a Day.....	19.2	13.3	1.3	1.4	2.1	1.0
Between Once a Day and Once a Week.....	32.0	22.7	2.1	1.8	4.0	1.5
Once a Week.....	19.1	12.2	1.2	1.3	3.0	1.4
Less than Once a Week.....	30.3	17.3	2.3	2.6	5.9	2.2
Do Not Use an Oven.....	1.5	0.7	Q	Q	0.4	Q
Microwave Oven						
Use a Microwave Oven.....	97.7	65.3	6.6	6.3	13.3	6.2
Most or all Food Cooked.....	8.3	5.1	0.8	0.6	1.2	0.7
About Half of All Food Cooked.....	17.3	11.4	1.1	1.0	2.7	1.2
Some or Very Little Food Cooked.....	21.9	15.3	1.5	1.2	2.8	1.1
For Defrosting, Reheating, or Snacks.....	50.2	33.6	3.3	3.6	6.5	3.2
Do Not Use a Microwave Oven.....	13.4	6.8	1.0	1.5	3.5	0.7
Electric Coffee Maker						
Use an Electric Coffee Maker.....	67.2	48.4	4.2	3.4	7.1	4.0
3 or More Times a Day.....	2.5	1.7	Q	Q	Q	0.3
2 Times a Day.....	5.4	3.7	0.4	0.2	0.7	0.3
Once a Day.....	36.9	27.5	1.9	1.7	3.6	2.3
A Few Times Each Week.....	9.7	7.0	0.7	0.5	1.2	0.3
About Once a Week.....	5.0	3.3	0.4	0.3	0.7	Q
Less Than Once a Week.....	7.6	5.2	0.6	0.6	0.7	0.5
Do Not Use an Electric Coffee Maker.....	43.9	23.7	3.4	4.3	9.6	2.9
Time Coffee Maker is Left On						
Turned off Right Away.....	21.6	14.3	1.5	1.6	3.2	1.1
Less than 15 Minutes.....	11.2	7.6	0.9	0.5	1.4	0.7
15 Minutes to 1 Hour.....	21.1	16.3	1.2	1.0	1.4	1.2
More Than 1 Hour.....	13.2	10.2	0.6	0.3	1.1	1.1

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		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Electric Toaster Oven						
Use an Electric Toaster Oven.....	37.3	25.0	2.3	2.6	5.5	2.0
3 or More Times a Day.....	0.9	0.6	Q	Q	Q	Q
2 Times a Day.....	3.2	2.5	Q	Q	0.4	Q
Once a Day.....	9.0	6.3	0.4	0.5	1.2	0.6
A Few Times Each Week.....	11.6	7.6	0.9	0.9	1.7	0.5
About Once a Week.....	4.4	2.7	0.3	0.3	0.8	0.3
Less Than Once a Week.....	8.1	5.3	0.5	0.7	1.1	0.4
Do Not Use an Electric Toaster Oven.....	73.8	47.1	5.3	5.2	11.3	5.0
Electric Toaster Oven Function						
Used Only as a Toaster.....	22.0	15.0	1.2	1.4	3.3	1.1
Used Only as an Oven.....	5.7	3.8	0.3	0.4	0.9	0.3
Used Both as a Toaster and an Oven.....	9.6	6.2	0.8	0.7	1.4	0.5
Refrigerators						
Most-Used Refrigerator						
Age of Most-Used Refrigerator						
Less than 2 Years.....	19.0	12.5	1.3	1.7	2.6	0.9
2 to 4 Years.....	22.7	15.3	1.4	1.5	3.3	1.2
5 to 9 Years.....	30.9	20.6	1.9	1.9	4.4	2.1
10 to 19 Years.....	25.7	18.1	1.8	1.4	2.7	1.8
20 Years or More.....	6.1	3.9	0.6	Q	1.1	0.3
Don't Know.....	6.7	1.8	0.6	1.0	2.7	0.6
Energy Star (Most-Used) Refrigerator¹						
Yes.....	23.9	17.6	1.6	1.4	2.3	1.0
No.....	12.9	7.3	0.7	1.4	2.7	0.9
Don't Know.....	4.9	2.9	0.4	0.4	0.9	0.3
Unit is More Than 4 Years Old.....	69.4	44.3	4.9	4.5	10.9	4.8
Use a Second Refrigerator.....	24.6	21.6	1.5	0.6	0.4	0.5
Age of Second Refrigerator						
Less than 2 Years.....	2.3	1.8	Q	Q	Q	Q
2 to 4 Years.....	3.8	3.0	0.4	Q	Q	Q
5 to 9 Years.....	5.3	4.6	0.3	Q	Q	Q
10 to 19 Years.....	8.6	7.9	0.5	Q	Q	Q
20 Years or More.....	4.1	3.9	Q	N	Q	Q
Don't Know.....	0.5	0.4	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	50.4	6.1	7.2	16.3	6.4
Number of Months Turned on Each Year						
1 to 3 Months.....	1.9	1.4	Q	Q	Q	Q
4 to 6 Months.....	0.9	0.7	Q	Q	N	Q
7 to 11 Months.....	0.5	0.4	N	Q	Q	N
On all the Time.....	21.2	18.9	1.3	0.4	0.2	0.4

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Home Appliances Usage Indicators	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Dishwasher						
Use a Dishwasher.....	64.7	48.0	4.2	2.4	7.4	2.7
At Least Once Each Day.....	11.3	9.4	0.5	Q	0.8	0.4
4 to 6 Times a Week.....	11.7	9.6	0.7	0.3	0.7	0.4
2 to 3 Times a Week.....	21.8	16.4	1.5	0.9	2.2	0.8
Once each Week.....	9.0	6.1	0.6	0.4	1.5	0.4
Less than Once Each Week.....	10.9	6.4	0.9	0.7	2.3	0.6
Do Not Use a Dishwasher.....	46.4	24.1	3.4	5.3	9.3	4.3
Energy Star Dishwasher¹						
Yes.....	16.4	13.3	0.9	0.4	1.2	0.5
No.....	6.6	4.7	0.5	0.3	0.9	Q
Don't Know.....	3.1	2.2	0.3	Q	0.2	0.3
Unit is More Than 4 Years Old.....	85.0	51.9	5.8	7.0	14.4	5.9
Clothes Washers and Dryers						
Clothes Washer						
Use a Clothes Washer in the Home.....	91.8	69.3	6.7	4.2	5.6	6.0
1 Load Each Week.....	7.3	5.1	0.6	0.3	0.7	0.5
2 to 5 Loads Each Week.....	39.0	28.1	3.1	2.3	3.0	2.4
6 to 9 Loads Each Week.....	33.8	26.3	2.2	1.3	1.8	2.2
10 to 15 Loads Each Week.....	9.3	7.7	0.7	Q	Q	0.6
More than 15 Loads Each Week.....	2.4	2.0	Q	Q	N	0.3
Do Not Use a Clothes Washer in the Home.....	19.3	2.8	0.9	3.5	11.1	1.0
Usual Water Temperature Setting						
Wash Cycle						
Hot.....	6.7	4.5	0.8	0.3	0.8	0.4
Warm.....	50.5	39.0	3.7	2.2	2.7	2.8
Cold.....	34.6	25.7	2.2	1.7	2.2	2.8
Rinse Cycle						
Hot.....	1.6	1.0	Q	Q	Q	Q
Warm.....	18.2	13.4	1.4	1.1	1.3	1.0
Cold.....	72.0	54.9	5.1	3.1	4.1	4.9
Energy Star Clothes Washer¹						
Yes.....	21.7	16.8	1.8	1.1	1.0	1.1
No.....	10.4	6.8	1.0	0.6	1.2	0.9
Don't Know.....	4.5	3.1	0.4	Q	0.4	0.4
Unit is More Than 4 Years Old.....	55.1	42.6	3.5	2.3	3.1	3.6
Loads of Clothes Dried						
Use a Clothes Dryer in the Home.....	87.5	67.3	6.2	3.8	4.8	5.5
Every Time Clothes are Washed.....	72.4	55.4	5.0	3.3	4.1	4.6
Some, but Not All, Loads.....	12.4	9.9	1.0	0.4	0.4	0.7
Used Infrequently.....	2.7	2.0	Q	Q	Q	0.2
Do Not Use a Clothes Dryer in the Home.....	23.6	4.8	1.4	3.9	12.0	1.4

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Home Appliances Usage Indicators	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Other Appliances						
Ceiling Fans						
1.....	21.7	11.5	2.0	1.9	4.3	2.0
2.....	17.4	12.3	1.0	0.9	1.8	1.4
3.....	12.3	9.7	0.5	0.6	0.7	0.8
4 or More.....	25.8	23.8	0.7	0.5	Q	0.6
Use of Most-Used Ceiling Fan						
Used All Summer.....	18.7	13.5	1.0	1.0	2.1	1.1
Used Quite a Bit.....	16.2	12.1	1.1	0.9	1.4	0.7
Used Only a Few Days or Nights.....	39.3	30.0	1.8	1.5	3.2	2.8
Not Used at All.....	2.9	1.7	0.3	0.3	0.5	Q
Battery-Operated Appliances/Tools						
Use Battery-Operated Appliances/Tools.....	54.9	42.7	3.0	2.0	3.9	3.3
Plugged in All the Time.....	10.0	7.9	0.4	0.4	0.8	0.5
Recharged as Needed.....	41.6	32.3	2.3	1.5	3.0	2.6
Both Ways Are Used.....	3.3	2.6	Q	Q	Q	Q
Do Not Use Battery-Operated Appliances/Tools...	56.2	29.3	4.6	5.7	12.8	3.7
Other Appliances Used						
Auto Block/Engine/Battery Heater.....	0.8	0.7	Q	Q	N	Q
Hot Tub or Spa.....	6.7	6.4	Q	N	N	Q
Swimming Pool with Filters.....	8.3	8.2	Q	N	N	N
Water Bed.....	2.2	1.7	Q	Q	Q	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.

Table HC3.10 Home Appliances Usage Indicators by Owner-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Total.....	111.1	78.1	64.1	4.2	1.8	2.3	5.7
Cooking Appliances							
Frequency of Hot Meals Cooked							
3 or More Times A Day.....	8.2	4.7	3.8	Q	Q	Q	0.6
2 Times A Day.....	24.6	16.0	13.3	0.8	0.4	Q	1.3
Once a Day.....	42.3	32.1	26.5	1.6	0.7	1.1	2.2
A Few Times Each Week.....	27.2	19.3	15.8	1.3	0.4	0.6	1.3
About Once a Week.....	3.9	2.8	2.2	Q	N	Q	0.3
Less Than Once a Week.....	4.1	2.7	2.3	Q	Q	Q	Q
No Hot Meals Cooked.....	0.9	0.4	Q	Q	Q	Q	N
Conventional Oven							
Use an Oven.....	109.6	77.3	63.4	4.1	1.8	2.3	5.6
More Than Once a Day.....	8.9	5.4	4.4	0.2	Q	Q	0.4
Once a Day.....	19.2	14.1	12.0	0.5	0.4	0.3	0.8
Between Once a Day and Once a Week.....	32.0	24.1	20.4	1.4	0.5	0.5	1.3
Once a Week.....	19.1	13.5	11.0	0.6	0.3	0.4	1.3
Less than Once a Week.....	30.3	20.2	15.6	1.4	0.5	0.9	1.8
Do Not Use an Oven.....	1.5	0.8	0.6	Q	N	Q	Q
Microwave Oven							
Use a Microwave Oven.....	97.7	70.7	58.2	3.8	1.5	2.0	5.2
Most or all Food Cooked.....	8.3	5.8	4.4	0.5	Q	Q	0.5
About Half of All Food Cooked.....	17.3	12.6	10.3	0.7	Q	Q	1.1
Some or Very Little Food Cooked.....	21.9	16.2	13.9	0.9	Q	0.5	0.9
For Defrosting, Reheating, or Snacks.....	50.2	36.2	29.6	1.7	1.2	1.0	2.7
Do Not Use a Microwave Oven.....	13.4	7.4	5.9	0.3	0.3	Q	0.6
Electric Coffee Maker							
Use an Electric Coffee Maker.....	67.2	51.4	43.6	2.4	0.9	1.0	3.5
3 or More Times a Day.....	2.5	1.9	1.4	Q	N	Q	0.3
2 Times a Day.....	5.4	4.1	3.5	Q	Q	Q	0.3
Once a Day.....	36.9	29.0	25.1	1.0	0.4	0.5	2.0
A Few Times Each Week.....	9.7	7.2	6.2	0.4	Q	Q	0.3
About Once a Week.....	5.0	3.3	2.8	Q	Q	Q	Q
Less Than Once a Week.....	7.6	5.9	4.7	0.4	Q	Q	0.5
Do Not Use an Electric Coffee Maker.....	43.9	26.7	20.4	1.8	0.9	1.3	2.3
Time Coffee Maker is Left On							
Turned off Right Away.....	21.6	15.6	13.0	0.8	0.4	0.5	0.9
Less than 15 Minutes.....	11.2	8.4	6.8	0.5	0.2	Q	0.5
15 Minutes to 1 Hour.....	21.1	16.8	14.7	0.6	0.2	Q	1.1
More Than 1 Hour.....	13.2	10.7	9.2	0.4	Q	Q	1.0

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Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Electric Toaster Oven							
Use an Electric Toaster Oven.....	37.3	27.9	22.9	1.4	0.9	1.1	1.7
3 or More Times a Day.....	0.9	0.6	0.5	Q	Q	N	Q
2 Times a Day.....	3.2	2.6	2.2	Q	Q	Q	Q
Once a Day.....	9.0	6.9	5.8	Q	Q	Q	0.5
A Few Times Each Week.....	11.6	8.7	6.9	0.6	0.4	0.3	0.5
About Once a Week.....	4.4	3.3	2.5	Q	Q	Q	0.3
Less Than Once a Week.....	8.1	5.8	4.9	0.2	Q	Q	0.4
Do Not Use an Electric Toaster Oven.....	73.8	50.2	41.2	2.8	1.0	1.3	4.0
Electric Toaster Oven Function							
Used Only as a Toaster.....	22.0	16.4	13.5	0.7	0.5	0.8	0.9
Used Only as an Oven.....	5.7	4.3	3.6	Q	Q	Q	0.3
Used Both as a Toaster and an Oven.....	9.6	7.2	5.8	0.5	Q	Q	0.5
Refrigerators							
Most-Used Refrigerator							
Age of Most-Used Refrigerator							
Less than 2 Years.....	19.0	13.1	11.0	0.7	0.3	0.4	0.7
2 to 4 Years.....	22.7	16.1	13.4	0.8	0.4	0.4	1.1
5 to 9 Years.....	30.9	22.7	18.8	1.2	0.6	0.4	1.8
10 to 19 Years.....	25.7	19.7	16.3	0.9	0.5	0.5	1.5
20 Years or More.....	6.1	4.6	3.5	0.4	Q	Q	Q
Don't Know.....	6.7	1.9	1.1	Q	Q	Q	0.4
Energy Star (Most-Used) Refrigerator¹							
Yes.....	23.9	18.5	15.7	1.1	0.4	0.5	0.9
No.....	12.9	7.6	6.0	0.3	Q	Q	0.7
Don't Know.....	4.9	3.2	2.7	Q	Q	Q	Q
Unit is More Than 4 Years Old.....	69.4	48.9	39.6	2.6	1.2	1.5	4.0
Use a Second Refrigerator.....	24.6	22.5	20.5	1.1	0.4	Q	0.5
Age of Second Refrigerator							
Less than 2 Years.....	2.3	1.8	1.6	Q	Q	Q	Q
2 to 4 Years.....	3.8	3.2	2.8	Q	Q	N	Q
5 to 9 Years.....	5.3	5.0	4.4	Q	Q	N	Q
10 to 19 Years.....	8.6	8.1	7.5	0.4	Q	N	Q
20 Years or More.....	4.1	3.9	3.8	Q	N	N	Q
Don't Know.....	0.5	0.4	0.4	Q	N	N	Q
Do Not Use a Second Refrigerator.....	86.3	55.5	43.4	3.1	1.5	2.3	5.3
Number of Months Turned on Each Year							
1 to 3 Months.....	1.9	1.4	1.2	Q	Q	N	Q
4 to 6 Months.....	0.9	0.8	0.7	Q	Q	N	Q
7 to 11 Months.....	0.5	0.4	0.4	N	N	N	N
On all the Time.....	21.2	19.7	18.1	1.0	Q	Q	0.4

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Dishwasher							
Use a Dishwasher.....	64.7	52.5	44.8	2.8	0.9	1.7	2.4
At Least Once Each Day.....	11.3	9.4	8.6	0.3	Q	Q	0.4
4 to 6 Times a Week.....	11.7	10.2	9.0	0.5	Q	Q	0.3
2 to 3 Times a Week.....	21.8	18.3	15.4	1.1	0.5	0.5	0.8
Once each Week.....	9.0	7.0	5.8	0.4	Q	0.4	0.4
Less than Once Each Week.....	10.9	7.6	6.0	0.5	Q	0.5	0.6
Do Not Use a Dishwasher.....	46.4	25.6	19.3	1.4	1.0	0.6	3.4
Energy Star Dishwasher¹							
Yes.....	16.4	14.2	12.6	0.7	Q	0.3	0.5
No.....	6.6	5.0	4.2	0.3	Q	Q	Q
Don't Know.....	3.1	2.6	2.1	Q	N	Q	0.3
Unit is More Than 4 Years Old.....	85.0	56.3	45.2	3.0	1.6	1.7	4.8
Clothes Washers and Dryers							
Clothes Washer							
Use a Clothes Washer in the Home.....	91.8	74.5	62.3	3.9	1.6	1.5	5.1
1 Load Each Week.....	7.3	5.8	4.7	0.3	Q	Q	0.4
2 to 5 Loads Each Week.....	39.0	31.0	25.3	1.9	1.0	0.7	2.1
6 to 9 Loads Each Week.....	33.8	28.1	23.9	1.3	0.5	0.6	1.8
10 to 15 Loads Each Week.....	9.3	7.7	6.7	0.4	Q	N	0.5
More than 15 Loads Each Week.....	2.4	2.0	1.7	Q	N	N	0.2
Do Not Use a Clothes Washer in the Home.....	19.3	3.6	1.8	Q	Q	0.8	0.6
Usual Water Temperature Setting							
Wash Cycle							
Hot.....	6.7	4.9	4.0	0.4	Q	Q	Q
Warm.....	50.5	42.2	35.5	2.3	1.0	0.7	2.5
Cold.....	34.6	27.4	22.7	1.2	0.5	0.7	2.3
Rinse Cycle							
Hot.....	1.6	1.0	0.8	Q	Q	N	Q
Warm.....	18.2	14.4	12.1	0.8	0.5	Q	0.9
Cold.....	72.0	59.1	49.3	3.1	1.2	1.3	4.2
Energy Star Clothes Washer¹							
Yes.....	21.7	18.2	15.2	1.1	0.5	0.4	1.0
No.....	10.4	7.3	5.7	0.4	Q	Q	0.8
Don't Know.....	4.5	3.9	3.0	0.3	Q	Q	0.4
Unit is More Than 4 Years Old.....	55.1	45.1	38.3	2.1	0.9	0.7	3.0
Loads of Clothes Dried							
Use a Clothes Dryer in the Home.....	87.5	72.0	60.8	3.7	1.4	1.4	4.7
Every Time Clothes are Washed.....	72.4	59.7	50.2	2.9	1.3	1.3	3.9
Some, but Not All, Loads.....	12.4	10.3	8.8	0.7	Q	Q	0.6
Used Infrequently.....	2.7	2.0	1.8	Q	N	Q	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	6.1	3.3	Q	0.4	0.9	1.1

Table HC3.10 Home Appliances Usage Indicators by Owner-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Other Appliances							
Ceiling Fans							
1.....	21.7	13.5	9.9	1.2	0.4	0.5	1.5
2.....	17.4	13.2	10.8	0.6	Q	0.4	1.3
3.....	12.3	10.1	8.6	0.4	Q	Q	0.8
4 or More.....	25.8	23.7	22.1	0.6	Q	Q	0.6
Use of Most-Used Ceiling Fan							
Used All Summer.....	18.7	14.7	12.3	0.8	Q	0.3	1.0
Used Quite a Bit.....	16.2	13.0	11.1	0.7	0.4	Q	0.6
Used Only a Few Days or Nights.....	39.3	31.0	26.6	0.9	0.4	0.6	2.5
Not Used at All.....	2.9	1.9	1.4	Q	Q	Q	Q
Battery-Operated Appliances/Tools							
Use Battery-Operated Appliances/Tools.....	54.9	45.5	39.1	1.9	0.7	0.8	2.9
Plugged in All the Time.....	10.0	8.6	7.4	0.4	Q	Q	0.4
Recharged as Needed.....	41.6	33.9	29.1	1.4	0.4	0.6	2.4
Both Ways Are Used.....	3.3	3.0	2.5	Q	Q	N	Q
Do Not Use Battery-Operated Appliances/Tools.....	56.2	32.6	25.0	2.2	1.1	1.5	2.8
Other Appliances Used							
Auto Block/Engine/Battery Heater.....	0.8	0.7	0.7	N	Q	N	Q
Hot Tub or Spa.....	6.7	6.5	6.2	Q	N	N	Q
Swimming Pool with Filters.....	8.3	7.8	7.8	Q	N	N	N
Water Bed.....	2.2	2.0	1.6	Q	N	Q	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.

Table HC4.10 Home Appliances Usage Indicators by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Total.....	111.1	33.0	8.0	3.4	5.9	14.4	1.2
Cooking Appliances							
Frequency of Hot Meals Cooked							
3 or More Times A Day.....	8.2	3.4	1.0	0.4	0.6	1.2	Q
2 Times A Day.....	24.6	8.6	2.3	1.0	1.6	3.5	0.2
Once a Day.....	42.3	10.1	2.3	1.1	2.1	4.3	0.4
A Few Times Each Week.....	27.2	7.8	2.0	0.7	1.3	3.6	Q
About Once a Week.....	3.9	1.1	Q	Q	Q	0.6	Q
Less Than Once a Week.....	4.1	1.4	Q	Q	Q	1.0	N
No Hot Meals Cooked.....	0.9	0.4	Q	N	Q	0.3	Q
Conventional Oven							
Use an Oven.....	109.6	32.3	7.9	3.3	5.9	14.1	1.1
More Than Once a Day.....	8.9	3.5	1.3	0.3	0.4	1.2	0.3
Once a Day.....	19.2	5.2	1.3	0.8	1.0	1.8	Q
Between Once a Day and Once a Week.....	32.0	7.9	2.2	0.7	1.2	3.5	Q
Once a Week.....	19.1	5.6	1.2	0.6	1.0	2.6	Q
Less than Once a Week.....	30.3	10.2	1.8	0.9	2.2	5.0	0.3
Do Not Use an Oven.....	1.5	0.7	Q	Q	Q	0.3	Q
Microwave Oven							
Use a Microwave Oven.....	97.7	27.0	7.1	2.8	4.7	11.3	1.0
Most or all Food Cooked.....	8.3	2.5	0.7	0.2	0.5	0.9	Q
About Half of All Food Cooked.....	17.3	4.7	1.1	0.3	0.8	2.4	Q
Some or Very Little Food Cooked.....	21.9	5.7	1.4	0.7	1.0	2.4	0.2
For Defrosting, Reheating, or Snacks.....	50.2	14.0	4.0	1.6	2.4	5.5	0.5
Do Not Use a Microwave Oven.....	13.4	6.0	0.9	0.6	1.2	3.2	Q
Electric Coffee Maker							
Use an Electric Coffee Maker.....	67.2	15.7	4.7	1.9	2.5	6.1	0.6
3 or More Times a Day.....	2.5	0.7	0.3	Q	Q	Q	Q
2 Times a Day.....	5.4	1.2	0.2	0.2	Q	0.5	Q
Once a Day.....	36.9	7.9	2.4	0.9	1.2	3.1	0.3
A Few Times Each Week.....	9.7	2.6	0.9	0.3	0.2	1.1	Q
About Once a Week.....	5.0	1.6	0.5	0.3	Q	0.7	Q
Less Than Once a Week.....	7.6	1.7	0.5	0.2	0.5	0.6	Q
Do Not Use an Electric Coffee Maker.....	43.9	17.3	3.3	1.6	3.4	8.3	0.6
Time Coffee Maker is Left On							
Turned off Right Away.....	21.6	6.1	1.3	0.6	1.2	2.8	Q
Less than 15 Minutes.....	11.2	2.8	0.8	0.4	0.3	1.1	Q
15 Minutes to 1 Hour.....	21.1	4.3	1.6	0.6	0.8	1.2	Q
More Than 1 Hour.....	13.2	2.6	1.0	0.2	0.2	1.0	Q

Table HC4.10 Home Appliances Usage Indicators by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Electric Toaster Oven							
Use an Electric Toaster Oven.....	37.3	9.4	2.1	0.9	1.7	4.4	0.2
3 or More Times a Day.....	0.9	0.3	Q	Q	N	Q	N
2 Times a Day.....	3.2	0.6	Q	Q	Q	0.3	Q
Once a Day.....	9.0	2.1	0.5	Q	0.3	1.0	Q
A Few Times Each Week.....	11.6	2.9	0.6	0.3	0.5	1.4	Q
About Once a Week.....	4.4	1.1	0.2	Q	0.3	0.6	N
Less Than Once a Week.....	8.1	2.2	0.4	0.2	0.5	1.1	Q
Do Not Use an Electric Toaster Oven.....	73.8	23.6	5.9	2.5	4.2	10.0	1.0
Electric Toaster Oven Function							
Used Only as a Toaster.....	22.0	5.5	1.4	0.5	0.9	2.5	Q
Used Only as an Oven.....	5.7	1.4	0.2	Q	0.3	0.7	Q
Used Both as a Toaster and an Oven.....	9.6	2.4	0.4	0.2	0.5	1.3	Q
Refrigerators							
Most-Used Refrigerator							
Age of Most-Used Refrigerator							
Less than 2 Years.....	19.0	5.8	1.4	0.6	1.4	2.2	Q
2 to 4 Years.....	22.7	6.6	1.9	0.6	1.1	2.9	Q
5 to 9 Years.....	30.9	8.2	1.8	0.7	1.3	4.0	0.3
10 to 19 Years.....	25.7	6.1	1.8	0.8	1.0	2.2	0.3
20 Years or More.....	6.1	1.5	0.3	0.3	Q	0.7	Q
Don't Know.....	6.7	4.8	0.8	0.4	0.9	2.5	Q
Energy Star (Most-Used) Refrigerator¹							
Yes.....	23.9	5.4	1.9	0.5	1.0	1.8	Q
No.....	12.9	5.3	1.2	0.4	1.1	2.4	Q
Don't Know.....	4.9	1.8	Q	0.3	0.4	0.8	Q
Unit is More Than 4 Years Old.....	69.4	20.6	4.7	2.3	3.4	9.4	0.8
Use a Second Refrigerator.....	24.6	2.1	1.1	0.4	Q	0.4	Q
Age of Second Refrigerator							
Less than 2 Years.....	2.3	0.4	Q	Q	Q	Q	Q
2 to 4 Years.....	3.8	0.7	0.3	Q	Q	Q	N
5 to 9 Years.....	5.3	0.4	0.2	Q	Q	Q	N
10 to 19 Years.....	8.6	0.4	0.3	Q	N	Q	N
20 Years or More.....	4.1	Q	Q	N	N	Q	N
Don't Know.....	0.5	Q	Q	N	Q	Q	N
Do Not Use a Second Refrigerator.....	86.3	30.8	6.9	3.0	5.7	14.0	1.2
Number of Months Turned on Each Year							
1 to 3 Months.....	1.9	0.5	Q	Q	Q	Q	N
4 to 6 Months.....	0.9	Q	Q	Q	Q	N	Q
7 to 11 Months.....	0.5	Q	N	N	Q	Q	N
On all the Time.....	21.2	1.5	0.8	0.3	Q	0.2	N

Table HC4.10 Home Appliances Usage Indicators by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Dishwasher							
Use a Dishwasher.....	64.7	12.2	3.2	1.4	1.6	5.7	0.3
At Least Once Each Day.....	11.3	1.8	0.8	0.2	Q	0.6	Q
4 to 6 Times a Week.....	11.7	1.6	0.6	Q	Q	0.5	Q
2 to 3 Times a Week.....	21.8	3.5	0.9	0.4	0.5	1.7	Q
Once each Week.....	9.0	2.0	0.3	Q	0.3	1.1	Q
Less than Once Each Week.....	10.9	3.3	0.5	0.4	0.6	1.8	Q
Do Not Use a Dishwasher.....	46.4	20.8	4.8	2.0	4.3	8.7	0.9
Energy Star Dishwasher¹							
Yes.....	16.4	2.2	0.7	0.2	Q	0.9	Q
No.....	6.6	1.6	0.5	Q	0.2	0.7	Q
Don't Know.....	3.1	0.5	Q	Q	Q	Q	N
Unit is More Than 4 Years Old.....	85.0	28.7	6.6	2.9	5.4	12.7	1.1
Clothes Washers and Dryers							
Clothes Washer							
Use a Clothes Washer in the Home.....	91.8	17.3	7.0	2.8	2.6	4.1	0.9
1 Load Each Week.....	7.3	1.5	0.4	0.3	Q	0.6	Q
2 to 5 Loads Each Week.....	39.0	8.1	2.9	1.3	1.3	2.3	0.3
6 to 9 Loads Each Week.....	33.8	5.7	2.5	0.9	0.8	1.2	0.4
10 to 15 Loads Each Week.....	9.3	1.6	1.0	0.2	Q	Q	Q
More than 15 Loads Each Week.....	2.4	0.4	0.3	Q	Q	N	Q
Do Not Use a Clothes Washer in the Home.....	19.3	15.7	1.0	0.7	3.4	10.3	0.3
Usual Water Temperature Setting							
Wash Cycle							
Hot.....	6.7	1.8	0.5	0.4	Q	0.6	Q
Warm.....	50.5	8.3	3.5	1.4	1.2	2.0	0.3
Cold.....	34.6	7.2	3.0	1.0	1.2	1.5	0.5
Rinse Cycle							
Hot.....	1.6	0.6	Q	Q	Q	Q	Q
Warm.....	18.2	3.8	1.3	0.7	0.6	1.0	Q
Cold.....	72.0	12.9	5.5	1.9	1.9	2.9	0.7
Energy Star Clothes Washer¹							
Yes.....	21.7	3.6	1.6	0.7	0.6	0.6	Q
No.....	10.4	3.1	1.0	0.5	0.5	0.9	Q
Don't Know.....	4.5	0.7	Q	Q	Q	0.3	Q
Unit is More Than 4 Years Old.....	55.1	10.0	4.3	1.4	1.3	2.4	0.6
Loads of Clothes Dried							
Use a Clothes Dryer in the Home.....	87.5	15.5	6.5	2.4	2.4	3.3	0.8
Every Time Clothes are Washed.....	72.4	12.8	5.2	2.1	2.0	2.8	0.7
Some, but Not All, Loads.....	12.4	2.1	1.1	0.3	0.3	0.4	Q
Used Infrequently.....	2.7	0.6	Q	Q	Q	Q	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	17.5	1.5	1.0	3.5	11.1	0.4

Table HC4.10 Home Appliances Usage Indicators by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Other Appliances							
Ceiling Fans							
1.....	21.7	8.2	1.6	0.8	1.5	3.8	0.4
2.....	17.4	4.1	1.5	0.4	0.7	1.5	Q
3.....	12.3	2.1	1.1	Q	0.4	0.5	Q
4 or More.....	25.8	2.1	1.6	Q	Q	Q	N
Use of Most-Used Ceiling Fan							
Used All Summer.....	18.7	4.1	1.1	Q	0.9	1.7	Q
Used Quite a Bit.....	16.2	3.2	1.0	0.4	0.5	1.1	Q
Used Only a Few Days or Nights.....	39.3	8.3	3.4	0.9	1.1	2.6	0.3
Not Used at All.....	2.9	1.0	Q	Q	0.3	0.4	Q
Battery-Operated Appliances/Tools							
Use Battery-Operated Appliances/Tools.....	54.9	9.4	3.6	1.0	1.3	3.1	0.4
Plugged in All the Time.....	10.0	1.4	0.4	Q	0.2	0.6	Q
Recharged as Needed.....	41.6	7.7	3.1	0.9	1.1	2.4	0.2
Both Ways Are Used.....	3.3	0.3	Q	Q	Q	Q	N
Do Not Use Battery-Operated Appliances/Tools.....	56.2	23.6	4.4	2.4	4.6	11.3	0.8
Other Appliances Used							
Auto Block/Engine/Battery Heater.....	0.8	Q	Q	Q	Q	N	N
Hot Tub or Spa.....	6.7	Q	Q	Q	N	N	Q
Swimming Pool with Filters.....	8.3	0.5	0.4	Q	N	N	N
Water Bed.....	2.2	Q	Q	Q	Q	Q	N

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.

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
Total	111.1	14.7	7.4	12.5	12.5	18.9	18.6	17.3	9.2
Cooking Appliances									
Frequency of Hot Meals Cooked									
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
Coventional Oven									
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
Microwave Oven									
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
Electric Coffee Maker									
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
Time Coffee Maker is Left On									
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

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
Electric Toaster Oven									
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
Electric Toaster Oven Function									
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
Refrigerators									
Most-Used Refrigerator									
Age of Most-Used Refrigerator									
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
Energy Star (Most-Used) Refrigerator¹									
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
Use a Second Refrigerator.....									
Age of Second Refrigerator									
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
Number of Months Turned on Each Year									
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

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
Dishwasher									
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
Energy Star Dishwasher¹									
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.....	85.0	12.5	6.2	10.8	10.4	14.4	14.5	13.7	2.5
Clothes Washers and Dryers									
Clothes Washer									
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
Usual Water Temperature Setting									
Wash Cycle									
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
Rinse Cycle									
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
Energy Star Clothes Washer¹									
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
Loads of Clothes Dried									
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

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
Other Appliances									
Ceiling Fans									
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
Use of Most-Used Ceiling Fan									
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
Battery-Operated Appliances/Tools									
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
Other Appliances Used									
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.

**Table HC6.10 Home Appliances Usage Indicators by Number of Household Members, 2005
Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Total	111.1	30.0	34.8	18.4	15.9	12.0
Cooking Appliances						
Frequency of Hot Meals Cooked						
3 or More Times A Day.....	8.2	1.4	1.9	1.4	1.0	2.4
2 Times A Day.....	24.6	4.3	7.6	4.3	4.8	3.7
Once a Day.....	42.3	9.9	14.4	7.4	6.7	4.0
A Few Times Each Week.....	27.2	8.9	9.1	4.6	3.1	1.5
About Once a Week.....	3.9	2.2	1.0	0.5	Q	Q
Less Than Once a Week.....	4.1	2.8	0.7	0.2	Q	0.3
No Hot Meals Cooked.....	0.9	0.6	Q	Q	N	Q
Coventional Oven						
Use an Oven.....	109.6	29.5	34.4	18.2	15.7	11.8
More Than Once a Day.....	8.9	1.0	2.2	1.8	1.8	2.0
Once a Day.....	19.2	2.7	6.3	4.0	3.6	2.7
Between Once a Day and Once a Week.....	32.0	7.0	11.3	5.5	5.5	2.7
Once a Week.....	19.1	5.3	6.5	3.4	2.0	1.9
Less than Once a Week.....	30.3	13.5	8.1	3.5	2.8	2.4
Do Not Use an Oven.....	1.5	0.6	0.4	Q	Q	Q
Microwave Oven						
Use a Microwave Oven.....	97.7	25.4	31.4	16.6	14.1	10.2
Most or all Food Cooked.....	8.3	3.5	2.2	1.1	0.9	0.5
About Half of All Food Cooked.....	17.3	5.3	5.5	2.6	2.4	1.6
Some or Very Little Food Cooked.....	21.9	4.7	8.1	3.8	3.1	2.3
For Defrosting, Reheating, or Snacks.....	50.2	12.0	15.5	9.1	7.7	5.9
Do Not Use a Microwave Oven.....	13.4	4.6	3.4	1.8	1.8	1.7
Electric Coffee Maker						
Use an Electric Coffee Maker.....	67.2	16.0	24.0	10.7	9.8	6.6
3 or More Times a Day.....	2.5	0.4	0.8	0.6	0.4	0.3
2 Times a Day.....	5.4	0.8	2.2	0.9	0.8	0.7
Once a Day.....	36.9	8.6	14.0	5.5	5.2	3.6
A Few Times Each Week.....	9.7	2.6	3.3	1.5	1.5	0.9
About Once a Week.....	5.0	1.3	1.5	1.1	0.7	0.3
Less Than Once a Week.....	7.6	2.3	2.1	1.2	1.2	0.8
Do Not Use an Electric Coffee Maker.....	43.9	14.0	10.8	7.7	6.0	5.4
Time Coffee Maker is Left On						
Turned off Right Away.....	21.6	6.8	7.0	3.1	2.8	2.0
Less than 15 Minutes.....	11.2	2.5	3.8	1.7	1.9	1.4
15 Minutes to 1 Hour.....	21.1	3.9	8.1	3.7	3.1	2.3
More Than 1 Hour.....	13.2	2.9	5.1	2.2	2.0	0.9

**Table HC6.10 Home Appliances Usage Indicators by Number of Household Members, 2005
Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Electric Toaster Oven						
Use an Electric Toaster Oven.....	37.3	9.4	12.4	6.1	5.2	4.1
3 or More Times a Day.....	0.9	Q	0.3	Q	Q	Q
2 Times a Day.....	3.2	0.7	0.8	0.5	0.7	0.6
Once a Day.....	9.0	2.0	3.1	1.8	1.4	0.7
A Few Times Each Week.....	11.6	3.3	3.5	1.9	1.8	1.2
About Once a Week.....	4.4	0.8	1.8	0.8	0.4	0.6
Less Than Once a Week.....	8.1	2.4	3.0	1.1	0.8	0.8
Do Not Use an Electric Toaster Oven.....	73.8	20.7	22.4	12.3	10.6	7.9
Electric Toaster Oven Function						
Used Only as a Toaster.....	22.0	4.3	7.4	3.8	3.6	2.8
Used Only as an Oven.....	5.7	2.0	1.8	0.7	0.7	0.4
Used Both as a Toaster and an Oven.....	9.6	3.0	3.2	1.6	0.9	0.9
Refrigerators						
Most-Used Refrigerator						
Age of Most-Used Refrigerator						
Less than 2 Years.....	19.0	4.6	5.5	3.5	2.7	2.7
2 to 4 Years.....	22.7	4.2	7.6	3.8	4.1	3.0
5 to 9 Years.....	30.9	7.5	10.0	4.9	5.2	3.2
10 to 19 Years.....	25.7	8.3	8.4	4.2	2.8	2.0
20 Years or More.....	6.1	3.0	1.8	0.8	0.2	0.2
Don't Know.....	6.7	2.4	1.4	1.2	0.9	0.9
Energy Star (Most-Used) Refrigerator¹						
Yes.....	23.9	3.8	7.8	4.6	4.4	3.3
No.....	12.9	3.3	3.9	2.1	1.7	1.9
Don't Know.....	4.9	1.7	1.4	0.6	0.7	0.5
Unit is More Than 4 Years Old.....	69.4	21.3	21.7	11.1	9.1	6.3
Use a Second Refrigerator.....	24.6	3.1	9.2	5.1	4.0	3.3
Age of Second Refrigerator						
Less than 2 Years.....	2.3	Q	0.8	0.7	0.4	0.3
2 to 4 Years.....	3.8	Q	1.5	0.7	0.6	0.8
5 to 9 Years.....	5.3	0.7	1.7	1.2	0.9	0.7
10 to 19 Years.....	8.6	1.0	3.4	1.6	1.4	1.1
20 Years or More.....	4.1	0.9	1.7	0.8	0.5	0.2
Don't Know.....	0.5	Q	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	26.9	25.7	13.3	11.8	8.7
Number of Months Turned on Each Year						
1 to 3 Months.....	1.9	Q	0.5	0.5	0.4	0.4
4 to 6 Months.....	0.9	Q	0.3	0.3	Q	Q
7 to 11 Months.....	0.5	Q	0.3	Q	Q	N
On all the Time.....	21.2	2.7	8.1	4.2	3.5	2.8

**Table HC6.10 Home Appliances Usage Indicators by Number of Household Members, 2005
Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Dishwasher						
Use a Dishwasher.....	64.7	13.1	23.3	11.0	10.6	6.7
At Least Once Each Day.....	11.3	0.3	2.9	2.2	2.8	3.1
4 to 6 Times a Week.....	11.7	0.6	3.9	2.9	2.9	1.4
2 to 3 Times a Week.....	21.8	4.6	10.2	3.3	2.7	1.0
Once each Week.....	9.0	3.6	3.3	1.0	0.7	0.3
Less than Once Each Week.....	10.9	3.9	3.0	1.6	1.4	1.0
Do Not Use a Dishwasher.....	46.4	16.9	11.5	7.4	5.3	5.3
Energy Star Dishwasher¹						
Yes.....	16.4	2.0	6.4	2.9	3.1	2.0
No.....	6.6	1.6	2.2	1.0	1.1	0.8
Don't Know.....	3.1	0.5	1.0	0.7	0.5	0.4
Unit is More Than 4 Years Old.....	85.0	26.0	25.3	13.8	11.1	8.8
Clothes Washers and Dryers						
Clothes Washer						
Use a Clothes Washer in the Home.....	91.8	21.3	30.1	15.9	14.0	10.6
1 Load Each Week.....	7.3	5.1	1.3	0.4	0.3	Q
2 to 5 Loads Each Week.....	39.0	13.0	15.6	5.1	2.9	2.5
6 to 9 Loads Each Week.....	33.8	3.0	11.4	7.7	7.5	4.2
10 to 15 Loads Each Week.....	9.3	Q	1.5	2.2	2.6	2.6
More than 15 Loads Each Week.....	2.4	N	Q	0.4	0.6	1.1
Do Not Use a Clothes Washer in the Home.....	19.3	8.7	4.7	2.5	1.9	1.4
Usual Water Temperature Setting						
Wash Cycle						
Hot.....	6.7	2.1	2.1	0.8	1.0	0.7
Warm.....	50.5	12.2	17.2	8.6	6.7	5.8
Cold.....	34.6	6.9	10.8	6.5	6.3	4.0
Rinse Cycle						
Hot.....	1.6	0.4	0.4	0.3	0.2	Q
Warm.....	18.2	4.7	5.7	2.5	2.5	2.8
Cold.....	72.0	16.3	24.0	13.0	11.2	7.5
Energy Star Clothes Washer¹						
Yes.....	21.7	2.7	7.5	4.5	3.9	3.2
No.....	10.4	1.8	3.0	2.1	1.9	1.7
Don't Know.....	4.5	1.3	1.3	0.8	0.7	0.5
Unit is More Than 4 Years Old.....	55.1	15.5	18.4	8.5	7.5	5.2
Loads of Clothes Dried						
Use a Clothes Dryer in the Home.....	87.5	19.9	29.2	15.1	13.4	9.9
Every Time Clothes are Washed.....	72.4	16.0	24.0	12.9	11.2	8.2
Some, but Not All, Loads.....	12.4	2.9	4.4	1.8	2.0	1.4
Used Infrequently.....	2.7	1.0	0.7	0.4	Q	0.3
Do Not Use a Clothes Dryer in the Home.....	23.6	10.1	5.7	3.2	2.5	2.1

**Table HC6.10 Home Appliances Usage Indicators by Number of Household Members, 2005
Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Other Appliances						
Ceiling Fans						
1.....	21.7	6.7	6.2	3.4	3.2	2.1
2.....	17.4	4.7	5.4	2.9	2.3	2.0
3.....	12.3	2.8	4.5	1.9	1.7	1.3
4 or More.....	25.8	4.1	9.3	4.7	4.5	3.2
Use of Most-Used Ceiling Fan						
Used All Summer.....	18.7	4.7	6.0	2.9	2.9	2.3
Used Quite a Bit.....	16.2	4.3	5.6	2.6	2.2	1.6
Used Only a Few Days or Nights.....	39.3	8.6	13.2	6.8	6.2	4.6
Not Used at All.....	2.9	0.9	0.7	0.7	0.5	Q
Battery-Operated Appliances/Tools						
Use Battery-Operated Appliances/Tools.....	54.9	9.9	20.4	9.8	9.0	5.8
Plugged in All the Time.....	10.0	1.8	4.0	1.8	1.6	0.9
Recharged as Needed.....	41.6	7.8	15.0	7.4	6.8	4.7
Both Ways Are Used.....	3.3	0.4	1.4	0.6	0.6	0.2
Do Not Use Battery-Operated Appliances/Tools.....	56.2	20.1	14.4	8.6	6.9	6.2
Other Appliances Used						
Auto Block/Engine/Battery Heater.....	0.8	Q	0.4	Q	Q	Q
Hot Tub or Spa.....	6.7	0.7	2.8	1.1	1.1	0.9
Swimming Pool with Filters.....	8.3	0.6	2.6	1.7	1.7	1.6
Water Bed.....	2.2	0.4	0.6	0.5	0.3	0.4

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.

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
Coventional 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

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		
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

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		
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.....	85.0	24.6	22.9	15.1	9.0	13.4	15.2	33.9
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

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		
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.

Table HC8.10 Home Appliances Usage Indicators by Urban/Rural Location, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Total.....	111.1	47.1	19.0	22.7	22.3
Cooking Appliances					
Frequency of Hot Meals Cooked					
3 or More Times A Day.....	8.2	3.7	1.6	1.4	1.5
2 Times A Day.....	24.6	10.8	4.1	4.3	5.5
Once a Day.....	42.3	17.0	7.2	8.7	9.3
A Few Times Each Week.....	27.2	11.4	4.7	6.4	4.8
About Once a Week.....	3.9	1.7	0.6	0.9	0.8
Less Than Once a Week.....	4.1	2.2	0.6	0.8	0.5
No Hot Meals Cooked.....	0.9	0.4	Q	Q	Q
Coventional Oven					
Use an Oven.....	109.6	46.2	18.8	22.5	22.1
More Than Once a Day.....	8.9	3.7	1.3	1.9	1.9
Once a Day.....	19.2	7.3	3.4	3.9	4.6
Between Once a Day and Once a Week.....	32.0	12.8	5.3	7.3	6.6
Once a Week.....	19.1	7.7	3.5	3.8	4.2
Less than Once a Week.....	30.3	14.7	5.2	5.6	4.9
Do Not Use an Oven.....	1.5	1.0	Q	0.2	Q
Microwave Oven					
Use a Microwave Oven.....	97.7	40.3	17.2	20.5	19.7
Most or all Food Cooked.....	8.3	3.9	1.2	1.9	1.3
About Half of All Food Cooked.....	17.3	6.9	3.4	3.7	3.2
Some or Very Little Food Cooked.....	21.9	8.8	3.1	5.4	4.6
For Defrosting, Reheating, or Snacks.....	50.2	20.6	9.5	9.5	10.6
Do Not Use a Microwave Oven.....	13.4	6.9	1.8	2.1	2.6
Electric Coffee Maker					
Use an Electric Coffee Maker.....	67.2	24.8	12.0	14.5	15.9
3 or More Times a Day.....	2.5	0.7	0.6	0.4	0.8
2 Times a Day.....	5.4	1.8	1.0	1.2	1.3
Once a Day.....	36.9	12.8	6.9	8.3	9.0
A Few Times Each Week.....	9.7	4.2	1.5	2.1	1.9
About Once a Week.....	5.0	2.1	0.6	1.1	1.2
Less Than Once a Week.....	7.6	3.1	1.3	1.5	1.7
Do Not Use an Electric Coffee Maker.....	43.9	22.3	7.0	8.1	6.5
Time Coffee Maker is Left On					
Turned off Right Away.....	21.6	9.4	3.8	4.2	4.3
Less than 15 Minutes.....	11.2	4.1	2.1	2.5	2.4
15 Minutes to 1 Hour.....	21.1	6.9	3.5	4.9	5.8
More Than 1 Hour.....	13.2	4.4	2.5	3.0	3.4

Table HC8.10 Home Appliances Usage Indicators by Urban/Rural Location, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Electric Toaster Oven					
Use an Electric Toaster Oven.....	37.3	15.5	6.6	8.6	6.6
3 or More Times a Day.....	0.9	Q	0.4	Q	Q
2 Times a Day.....	3.2	1.5	0.5	0.7	0.5
Once a Day.....	9.0	3.6	1.6	1.8	1.9
A Few Times Each Week.....	11.6	5.2	1.8	2.8	1.8
About Once a Week.....	4.4	1.9	0.7	1.2	0.6
Less Than Once a Week.....	8.1	3.0	1.5	1.9	1.6
Do Not Use an Electric Toaster Oven.....	73.8	31.7	12.3	14.0	15.8
Electric Toaster Oven Function					
Used Only as a Toaster.....	22.0	9.4	4.0	4.8	3.8
Used Only as an Oven.....	5.7	2.2	1.1	1.3	1.0
Used Both as a Toaster and an Oven.....	9.6	3.8	1.5	2.5	1.8
Refrigerators					
Most-Used Refrigerator					
Age of Most-Used Refrigerator					
Less than 2 Years.....	19.0	8.5	2.8	4.4	3.4
2 to 4 Years.....	22.7	9.9	4.0	4.4	4.3
5 to 9 Years.....	30.9	11.9	5.2	6.7	7.1
10 to 19 Years.....	25.7	10.8	4.6	4.9	5.3
20 Years or More.....	6.1	2.5	1.0	1.2	1.5
Don't Know.....	6.7	3.5	1.4	1.0	0.8
Energy Star (Most-Used) Refrigerator¹					
Yes.....	23.9	9.8	3.9	5.3	4.8
No.....	12.9	6.2	2.1	2.6	2.0
Don't Know.....	4.9	2.4	0.8	0.9	0.9
Unit is More Than 4 Years Old.....	69.4	28.7	12.2	13.9	14.7
Use a Second Refrigerator.....	24.6	7.8	4.3	6.5	6.0
Age of Second Refrigerator					
Less than 2 Years.....	2.3	0.8	0.4	0.6	0.4
2 to 4 Years.....	3.8	1.3	0.6	1.1	0.8
5 to 9 Years.....	5.3	1.8	0.9	1.3	1.3
10 to 19 Years.....	8.6	2.6	1.4	2.6	2.0
20 Years or More.....	4.1	1.0	0.8	0.9	1.4
Don't Know.....	0.5	0.2	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	39.3	14.6	16.2	16.2
Number of Months Turned on Each Year					
1 to 3 Months.....	1.9	0.6	0.5	0.4	0.3
4 to 6 Months.....	0.9	0.3	Q	Q	Q
7 to 11 Months.....	0.5	Q	Q	Q	Q
On all the Time.....	21.2	6.7	3.5	5.8	5.2

Table HC8.10 Home Appliances Usage Indicators by Urban/Rural Location, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Dishwasher					
Use a Dishwasher.....	64.7	23.7	10.7	17.2	13.2
At Least Once Each Day.....	11.3	3.4	2.0	3.0	2.9
4 to 6 Times a Week.....	11.7	3.5	1.9	3.8	2.6
2 to 3 Times a Week.....	21.8	7.3	3.7	6.1	4.6
Once each Week.....	9.0	4.0	1.6	1.8	1.6
Less than Once Each Week.....	10.9	5.4	1.6	2.5	1.4
Do Not Use a Dishwasher.....	46.4	23.4	8.3	5.5	9.2
Energy Star Dishwasher¹					
Yes.....	16.4	5.4	2.5	4.9	3.6
No.....	6.6	2.4	1.1	1.8	1.2
Don't Know.....	3.1	1.1	0.4	0.9	0.7
Unit is More Than 4 Years Old.....	85.0	38.1	15.0	15.0	16.8
Clothes Washers and Dryers					
Clothes Washer					
Use a Clothes Washer in the Home.....	91.8	35.2	15.7	20.1	20.8
1 Load Each Week.....	7.3	3.7	1.3	1.1	1.2
2 to 5 Loads Each Week.....	39.0	16.4	6.8	8.2	7.7
6 to 9 Loads Each Week.....	33.8	11.2	5.4	8.4	8.7
10 to 15 Loads Each Week.....	9.3	3.0	1.8	1.9	2.6
More than 15 Loads Each Week.....	2.4	1.0	0.4	0.4	0.6
Do Not Use a Clothes Washer in the Home.....	19.3	11.9	3.3	2.6	1.6
Usual Water Temperature Setting					
Wash Cycle					
Hot.....	6.7	2.6	1.3	1.3	1.5
Warm.....	50.5	19.3	8.3	11.6	11.3
Cold.....	34.6	13.3	6.1	7.2	8.0
Rinse Cycle					
Hot.....	1.6	0.7	0.3	0.3	0.3
Warm.....	18.2	7.9	3.3	3.6	3.4
Cold.....	72.0	26.7	12.1	16.2	17.1
Energy Star Clothes Washer¹					
Yes.....	21.7	7.9	3.7	5.3	4.8
No.....	10.4	4.8	1.3	2.1	2.2
Don't Know.....	4.5	1.9	0.9	0.8	1.0
Unit is More Than 4 Years Old.....	55.1	20.6	9.8	11.9	12.7
Loads of Clothes Dried					
Use a Clothes Dryer in the Home.....	87.5	33.0	15.0	19.7	19.8
Every Time Clothes are Washed.....	72.4	27.5	12.4	16.8	15.8
Some, but Not All, Loads.....	12.4	4.5	2.1	2.4	3.4
Used Infrequently.....	2.7	1.1	0.5	0.5	0.6
Do Not Use a Clothes Dryer in the Home.....	23.6	14.1	4.0	3.0	2.5

Table HC8.10 Home Appliances Usage Indicators by Urban/Rural Location, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Other Appliances					
Ceiling Fans					
1.....	21.7	9.5	3.3	4.3	4.6
2.....	17.4	6.6	2.5	3.7	4.5
3.....	12.3	5.0	2.1	2.6	2.6
4 or More.....	25.8	8.6	4.7	6.7	5.8
Use of Most-Used Ceiling Fan					
Used All Summer.....	18.7	7.1	3.2	4.3	4.1
Used Quite a Bit.....	16.2	6.3	2.8	3.4	3.7
Used Only a Few Days or Nights.....	39.3	14.9	6.3	9.1	9.0
Not Used at All.....	2.9	1.4	0.4	0.4	0.7
Battery-Operated Appliances/Tools					
Use Battery-Operated Appliances/Tools.....	54.9	19.9	8.4	13.4	13.2
Plugged in All the Time.....	10.0	3.9	1.6	2.7	1.8
Recharged as Needed.....	41.6	15.2	6.3	9.8	10.3
Both Ways Are Used.....	3.3	0.8	0.4	0.9	1.1
Do Not Use Battery-Operated Appliances/Tools.....	56.2	27.2	10.6	9.3	9.2
Other Appliances Used					
Auto Block/Engine/Battery Heater.....	0.8	Q	Q	Q	0.4
Hot Tub or Spa.....	6.7	1.7	1.2	2.2	1.6
Swimming Pool with Filters.....	8.3	2.5	1.1	2.7	2.0
Water Bed.....	2.2	0.6	0.4	0.5	0.7

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.

Table HC9.10 Home Appliances Usage Indicators by Climate Zone, 2005
Million U.S. Housing Units

Home Appliances Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Total	111.1	10.9	26.1	27.3	24.0	22.8
Cooking Appliances						
Frequency of Hot Meals Cooked						
3 or More Times A Day.....	8.2	0.4	1.7	2.1	2.2	1.7
2 Times A Day.....	24.6	2.3	6.0	5.9	5.5	5.0
Once a Day.....	42.3	5.6	10.3	9.7	8.1	8.7
A Few Times Each Week.....	27.2	2.1	6.1	7.2	6.0	5.7
About Once a Week.....	3.9	0.3	0.7	1.0	1.1	0.8
Less Than Once a Week.....	4.1	Q	0.9	1.1	1.0	0.8
No Hot Meals Cooked.....	0.9	Q	0.4	Q	Q	Q
Coventional Oven						
Use an Oven.....	109.6	10.9	25.7	27.1	23.4	22.4
More Than Once a Day.....	8.9	0.6	1.9	2.1	2.6	1.7
Once a Day.....	19.2	2.0	4.9	4.4	4.3	3.7
Between Once a Day and Once a Week.....	32.0	3.9	8.4	7.6	5.7	6.4
Once a Week.....	19.1	2.2	4.2	5.0	3.8	3.9
Less than Once a Week.....	30.3	2.2	6.4	8.0	7.0	6.8
Do Not Use an Oven.....	1.5	Q	0.3	Q	0.6	0.4
Microwave Oven						
Use a Microwave Oven.....	97.7	10.3	22.9	24.1	20.8	19.6
Most or all Food Cooked.....	8.3	0.6	2.4	1.9	1.6	1.8
About Half of All Food Cooked.....	17.3	1.9	4.5	3.9	3.4	3.6
Some or Very Little Food Cooked.....	21.9	2.5	4.7	4.9	5.2	4.7
For Defrosting, Reheating, or Snacks.....	50.2	5.3	11.3	13.4	10.7	9.6
Do Not Use a Microwave Oven.....	13.4	0.7	3.2	3.2	3.1	3.2
Electric Coffee Maker						
Use an Electric Coffee Maker.....	67.2	7.2	16.0	16.5	13.3	14.1
3 or More Times a Day.....	2.5	0.4	0.6	0.5	0.5	0.5
2 Times a Day.....	5.4	0.6	1.5	1.3	1.0	0.9
Once a Day.....	36.9	4.0	8.5	8.8	7.6	8.1
A Few Times Each Week.....	9.7	1.2	2.2	2.5	1.7	2.1
About Once a Week.....	5.0	0.4	1.3	1.6	0.9	0.8
Less Than Once a Week.....	7.6	0.5	1.9	1.8	1.6	1.7
Do Not Use an Electric Coffee Maker.....	43.9	3.7	10.1	10.8	10.6	8.7
Time Coffee Maker is Left On						
Turned off Right Away.....	21.6	2.1	5.0	5.4	4.2	5.0
Less than 15 Minutes.....	11.2	1.1	2.8	3.1	1.8	2.4
15 Minutes to 1 Hour.....	21.1	2.8	4.7	5.1	4.4	4.2
More Than 1 Hour.....	13.2	1.3	3.5	3.0	3.0	2.5

Table HC9.10 Home Appliances Usage Indicators by Climate Zone, 2005
Million U.S. Housing Units

Home Appliances Characteristics	Housing Units (millions)	Climate Zone ¹					2,000 CDD or More and Less than 4,000 HDD
		Less than 2,000 CDD and --					
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD		
Electric Toaster Oven							
Use an Electric Toaster Oven.....	37.3	2.3	8.7	9.6	8.8	7.9	
3 or More Times a Day.....	0.9	Q	0.3	0.3	Q	Q	
2 Times a Day.....	3.2	0.4	0.7	0.7	0.7	0.7	
Once a Day.....	9.0	0.5	2.2	2.3	2.1	1.9	
A Few Times Each Week.....	11.6	0.6	2.6	3.2	2.8	2.5	
About Once a Week.....	4.4	0.2	1.0	1.2	1.0	1.0	
Less Than Once a Week.....	8.1	0.6	1.9	2.0	2.1	1.6	
Do Not Use an Electric Toaster Oven.....	73.8	8.6	17.4	17.7	15.2	14.9	
Electric Toaster Oven Function							
Used Only as a Toaster.....	22.0	1.3	4.7	5.6	5.7	4.7	
Used Only as an Oven.....	5.7	0.4	1.4	1.5	1.1	1.4	
Used Both as a Toaster and an Oven.....	9.6	0.6	2.6	2.5	2.0	1.8	
Refrigerators							
Most-Used Refrigerator							
Age of Most-Used Refrigerator							
Less than 2 Years.....	19.0	1.4	4.3	4.5	5.0	3.8	
2 to 4 Years.....	22.7	2.2	4.8	5.4	4.8	5.6	
5 to 9 Years.....	30.9	3.3	6.8	7.3	7.2	6.2	
10 to 19 Years.....	25.7	2.7	6.5	6.8	5.1	4.6	
20 Years or More.....	6.1	0.8	1.7	1.6	0.9	1.2	
Don't Know.....	6.7	0.5	2.0	1.8	1.0	1.4	
Energy Star (Most-Used) Refrigerator²							
Yes.....	23.9	2.3	5.6	5.7	6.2	4.2	
No.....	12.9	0.8	2.6	3.0	2.9	3.6	
Don't Know.....	4.9	0.6	0.9	1.2	0.6	1.6	
Unit is More Than 4 Years Old.....	69.4	7.3	17.0	17.5	14.2	13.4	
Use a Second Refrigerator.....							
24.6	3.3	5.9	6.5	4.8	4.2		
Age of Second Refrigerator							
Less than 2 Years.....	2.3	0.3	0.4	0.6	0.5	0.4	
2 to 4 Years.....	3.8	0.4	0.8	1.1	0.8	0.8	
5 to 9 Years.....	5.3	0.7	1.1	1.4	1.2	0.9	
10 to 19 Years.....	8.6	1.1	2.2	2.3	1.7	1.3	
20 Years or More.....	4.1	0.8	1.3	0.8	0.6	0.6	
Don't Know.....	0.5	Q	Q	Q	Q	Q	
Do Not Use a Second Refrigerator.....	86.3	7.7	20.1	20.8	19.2	18.6	
Number of Months Turned on Each Year							
1 to 3 Months.....	1.9	0.3	0.3	0.6	0.4	0.4	
4 to 6 Months.....	0.9	Q	0.4	Q	Q	Q	
7 to 11 Months.....	0.5	Q	Q	Q	Q	Q	
On all the Time.....	21.2	2.7	5.1	5.5	4.2	3.7	

Table HC9.10 Home Appliances Usage Indicators by Climate Zone, 2005
Million U.S. Housing Units

Home Appliances Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Dishwasher						
Use a Dishwasher.....	64.7	6.7	14.8	15.2	14.1	13.8
At Least Once Each Day.....	11.3	1.5	2.3	2.8	2.4	2.3
4 to 6 Times a Week.....	11.7	1.6	2.7	3.0	2.3	2.1
2 to 3 Times a Week.....	21.8	2.4	5.5	5.0	4.5	4.4
Once each Week.....	9.0	0.7	2.0	2.0	2.4	1.9
Less than Once Each Week.....	10.9	0.6	2.4	2.4	2.6	3.0
Do Not Use a Dishwasher.....	46.4	4.2	11.2	12.1	9.9	9.0
Energy Star Dishwasher²						
Yes.....	16.4	1.8	4.0	3.3	3.4	3.8
No.....	6.6	0.5	1.3	1.2	1.6	1.9
Don't Know.....	3.1	0.5	0.7	0.9	0.3	0.7
Unit is More Than 4 Years Old.....	85.0	8.1	20.0	21.9	18.6	16.3
Clothes Washers and Dryers						
Clothes Washer						
Use a Clothes Washer in the Home.....	91.8	9.8	20.9	21.6	20.0	19.5
1 Load Each Week.....	7.3	0.6	1.5	1.8	1.7	1.7
2 to 5 Loads Each Week.....	39.0	4.3	8.9	8.8	8.3	8.8
6 to 9 Loads Each Week.....	33.8	3.6	7.7	8.6	7.4	6.6
10 to 15 Loads Each Week.....	9.3	1.0	2.2	1.9	2.2	1.9
More than 15 Loads Each Week.....	2.4	0.4	0.5	0.5	0.5	0.5
Do Not Use a Clothes Washer in the Home.....	19.3	1.1	5.2	5.7	3.9	3.3
Usual Water Temperature Setting						
Wash Cycle						
Hot.....	6.7	0.4	1.3	2.0	1.6	1.3
Warm.....	50.5	6.1	12.8	12.4	10.1	9.1
Cold.....	34.6	3.3	6.7	7.2	8.3	9.0
Rinse Cycle						
Hot.....	1.6	Q	0.3	0.4	0.3	0.5
Warm.....	18.2	1.9	4.1	4.7	3.8	3.7
Cold.....	72.0	7.8	16.5	16.5	15.9	15.3
Energy Star Clothes Washer²						
Yes.....	21.7	2.2	5.1	5.0	5.2	4.2
No.....	10.4	0.9	1.7	2.4	2.6	2.8
Don't Know.....	4.5	0.5	0.9	0.9	0.9	1.3
Unit is More Than 4 Years Old.....	55.1	6.2	13.2	13.3	11.3	11.1
Loads of Clothes Dried						
Use a Clothes Dryer in the Home.....	87.5	9.6	20.3	20.0	19.3	18.2
Every Time Clothes are Washed.....	72.4	6.7	16.8	17.0	15.9	16.1
Some, but Not All, Loads.....	12.4	2.5	3.0	2.6	2.8	1.6
Used Infrequently.....	2.7	0.4	0.6	0.4	0.7	0.5
Do Not Use a Clothes Dryer in the Home.....	23.6	1.3	5.7	7.3	4.6	4.6

Table HC9.10 Home Appliances Usage Indicators by Climate Zone, 2005
Million U.S. Housing Units

Home Appliances Characteristics	Housing Units (millions)	Climate Zone ¹					2,000 CDD or More and Less than 4,000 HDD
		Less than 2,000 CDD and --					
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD		
Other Appliances							
Ceiling Fans							
1.....	21.7	2.8	5.5	5.3	4.9	3.2	
2.....	17.4	1.9	3.9	4.5	3.8	3.3	
3.....	12.3	1.3	2.7	2.9	2.2	3.2	
4 or More.....	25.8	1.4	5.0	4.8	5.7	8.9	
Use of Most-Used Ceiling Fan							
Used All Summer.....	18.7	2.3	4.6	4.9	4.3	2.6	
Used Quite a Bit.....	16.2	2.0	4.1	3.3	3.4	3.4	
Used Only a Few Days or Nights.....	39.3	2.7	7.6	8.7	8.4	11.9	
Not Used at All.....	2.9	0.4	0.8	0.6	0.6	0.6	
Battery-Operated Appliances/Tools							
Use Battery-Operated Appliances/Tools.....	54.9	6.3	12.3	13.4	11.9	11.0	
Plugged in All the Time.....	10.0	0.7	2.1	2.7	2.2	2.4	
Recharged as Needed.....	41.6	5.2	9.4	9.9	9.2	8.0	
Both Ways Are Used.....	3.3	0.5	0.8	0.8	0.6	0.7	
Do Not Use Battery-Operated Appliances/Tools...	56.2	4.6	13.8	13.9	12.1	11.8	
Other Appliances Used							
Auto Block/Engine/Battery Heater.....	0.8	0.5	0.2	N	N	N	
Hot Tub or Spa.....	6.7	0.9	1.2	1.4	1.6	1.6	
Swimming Pool with Filters.....	8.3	0.5	1.5	1.5	2.2	2.7	
Water Bed.....	2.2	0.3	0.7	0.5	Q	0.5	

1. One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2. 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.

Table HC10.10 Home Appliances Usage Indicators by U.S. Census Regions, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Total	111.1	20.6	25.6	40.7	24.2
Cooking Appliances					
Frequency of Hot Meals Cooked					
3 or More Times A Day.....	8.2	1.2	1.4	3.0	2.6
2 Times A Day.....	24.6	4.0	5.8	8.3	6.6
Once a Day.....	42.3	7.9	10.7	15.0	8.8
A Few Times Each Week.....	27.2	6.0	5.6	10.9	4.7
About Once a Week.....	3.9	0.6	0.9	1.6	0.7
Less Than Once a Week.....	4.1	0.6	1.1	1.7	0.7
No Hot Meals Cooked.....	0.9	0.3	Q	Q	0.2
Coventional Oven					
Use an Oven.....	109.6	20.3	25.3	40.2	23.7
More Than Once a Day.....	8.9	1.4	1.3	4.4	1.7
Once a Day.....	19.2	3.7	4.6	7.7	3.2
Between Once a Day and Once a Week.....	32.0	5.6	8.9	11.4	6.1
Once a Week.....	19.1	4.0	4.3	6.7	4.2
Less than Once a Week.....	30.3	5.7	6.2	10.1	8.3
Do Not Use an Oven.....	1.5	0.2	0.3	0.5	0.5
Microwave Oven					
Use a Microwave Oven.....	97.7	17.6	23.2	35.2	21.7
Most or all Food Cooked.....	8.3	1.4	2.0	2.8	2.0
About Half of All Food Cooked.....	17.3	2.0	5.2	5.5	4.6
Some or Very Little Food Cooked.....	21.9	3.1	5.1	8.4	5.3
For Defrosting, Reheating, or Snacks.....	50.2	11.2	10.8	18.4	9.9
Do Not Use a Microwave Oven.....	13.4	3.0	2.4	5.5	2.5
Electric Coffee Maker					
Use an Electric Coffee Maker.....	67.2	12.0	16.2	25.2	13.7
3 or More Times a Day.....	2.5	0.4	0.6	1.0	0.5
2 Times a Day.....	5.4	1.3	1.3	1.8	1.0
Once a Day.....	36.9	6.6	8.2	14.4	7.8
A Few Times Each Week.....	9.7	1.4	2.9	3.5	1.8
About Once a Week.....	5.0	1.1	1.3	1.4	1.1
Less Than Once a Week.....	7.6	1.3	1.8	3.1	1.5
Do Not Use an Electric Coffee Maker.....	43.9	8.6	9.4	15.5	10.5
Time Coffee Maker is Left On					
Turned off Right Away.....	21.6	4.6	4.5	8.4	4.1
Less than 15 Minutes.....	11.2	2.4	2.6	3.9	2.3
15 Minutes to 1 Hour.....	21.1	3.3	5.7	8.0	4.2
More Than 1 Hour.....	13.2	1.8	3.4	4.9	3.1

Table HC10.10 Home Appliances Usage Indicators by U.S. Census Regions, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Electric Toaster Oven					
Use an Electric Toaster Oven.....	37.3	9.0	6.5	13.7	8.1
3 or More Times a Day.....	0.9	0.6	Q	Q	Q
2 Times a Day.....	3.2	0.9	0.4	0.9	1.0
Once a Day.....	9.0	2.3	1.5	3.3	1.9
A Few Times Each Week.....	11.6	2.4	2.1	4.7	2.5
About Once a Week.....	4.4	0.9	0.9	1.5	1.1
Less Than Once a Week.....	8.1	1.9	1.6	3.1	1.5
Do Not Use an Electric Toaster Oven.....	73.8	11.6	19.1	27.0	16.1
Electric Toaster Oven Function					
Used Only as a Toaster.....	22.0	4.9	3.4	8.4	5.2
Used Only as an Oven.....	5.7	1.3	1.3	2.0	1.1
Used Both as a Toaster and an Oven.....	9.6	2.7	1.7	3.3	1.8
Refrigerators					
Most-Used Refrigerator					
Age of Most-Used Refrigerator					
Less than 2 Years.....	19.0	3.1	3.9	6.7	5.2
2 to 4 Years.....	22.7	4.3	4.6	8.9	5.0
5 to 9 Years.....	30.9	5.3	7.4	11.3	6.9
10 to 19 Years.....	25.7	5.3	6.7	9.0	4.7
20 Years or More.....	6.1	1.3	1.5	2.2	1.1
Don't Know.....	6.7	1.3	1.5	2.6	1.3
Energy Star (Most-Used) Refrigerator¹					
Yes.....	23.9	4.9	5.0	7.6	6.4
No.....	12.9	1.9	2.3	6.1	2.5
Don't Know.....	4.9	0.6	1.2	1.9	1.2
Unit is More Than 4 Years Old.....	69.4	13.2	17.1	25.1	14.0
Use a Second Refrigerator.....	24.6	4.3	7.1	8.0	5.3
Age of Second Refrigerator					
Less than 2 Years.....	2.3	0.3	0.7	0.8	0.5
2 to 4 Years.....	3.8	0.6	0.9	1.4	0.9
5 to 9 Years.....	5.3	1.1	1.5	1.6	1.2
10 to 19 Years.....	8.6	1.4	2.5	2.9	1.8
20 Years or More.....	4.1	0.8	1.3	1.1	0.9
Don't Know.....	0.5	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	16.3	18.5	32.7	18.9
Number of Months Turned on Each Year					
1 to 3 Months.....	1.9	0.3	0.6	0.6	0.5
4 to 6 Months.....	0.9	0.3	0.3	Q	Q
7 to 11 Months.....	0.5	Q	Q	Q	Q
On all the Time.....	21.2	3.6	5.9	7.2	4.5

Table HC10.10 Home Appliances Usage Indicators by U.S. Census Regions, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Dishwasher					
Use a Dishwasher.....	64.7	10.3	14.7	25.0	14.7
At Least Once Each Day.....	11.3	1.8	2.7	4.4	2.4
4 to 6 Times a Week.....	11.7	1.7	2.9	4.5	2.7
2 to 3 Times a Week.....	21.8	4.0	5.2	7.4	5.2
Once each Week.....	9.0	1.2	1.8	3.7	2.3
Less than Once Each Week.....	10.9	1.8	2.1	4.9	2.1
Do Not Use a Dishwasher.....	46.4	10.3	10.9	15.7	9.5
Energy Star Dishwasher¹					
Yes.....	16.4	2.7	3.6	5.9	4.2
No.....	6.6	0.7	1.3	3.3	1.3
Don't Know.....	3.1	0.4	0.9	1.2	0.6
Unit is More Than 4 Years Old.....	85.0	16.8	19.8	30.3	18.1
Clothes Washers and Dryers					
Clothes Washer					
Use a Clothes Washer in the Home.....	91.8	15.4	22.0	34.8	19.6
1 Load Each Week.....	7.3	1.3	1.6	3.0	1.3
2 to 5 Loads Each Week.....	39.0	7.3	8.9	14.5	8.3
6 to 9 Loads Each Week.....	33.8	5.3	8.2	12.8	7.5
10 to 15 Loads Each Week.....	9.3	1.3	2.4	3.6	1.9
More than 15 Loads Each Week.....	2.4	0.2	0.9	0.8	0.5
Do Not Use a Clothes Washer in the Home.....	19.3	5.2	3.6	5.9	4.6
Usual Water Temperature Setting					
Wash Cycle					
Hot.....	6.7	1.8	1.3	2.2	1.4
Warm.....	50.5	8.8	13.7	17.1	10.9
Cold.....	34.6	4.8	7.1	15.5	7.3
Rinse Cycle					
Hot.....	1.6	0.4	Q	0.7	0.3
Warm.....	18.2	3.4	4.3	6.5	4.0
Cold.....	72.0	11.6	17.5	27.6	15.3
Energy Star Clothes Washer¹					
Yes.....	21.7	4.3	4.4	7.4	5.6
No.....	10.4	1.4	1.7	5.2	2.1
Don't Know.....	4.5	0.5	1.1	1.8	1.2
Unit is More Than 4 Years Old.....	55.1	9.2	14.8	20.4	10.6
Loads of Clothes Dried					
Use a Clothes Dryer in the Home.....	87.5	13.7	21.7	33.2	18.8
Every Time Clothes are Washed.....	72.4	11.1	17.2	29.0	15.2
Some, but Not All, Loads.....	12.4	2.1	3.9	3.5	2.9
Used Infrequently.....	2.7	0.5	0.6	0.8	0.7
Do Not Use a Clothes Dryer in the Home.....	23.6	6.8	3.9	7.5	5.4

Table HC10.10 Home Appliances Usage Indicators by U.S. Census Regions, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Other Appliances					
Ceiling Fans					
1.....	21.7	3.8	5.3	7.1	5.5
2.....	17.4	2.8	4.4	6.8	3.3
3.....	12.3	1.8	3.4	5.3	1.8
4 or More.....	25.8	2.8	6.1	13.2	3.8
Use of Most-Used Ceiling Fan					
Used All Summer.....	18.7	3.5	4.9	6.0	4.4
Used Quite a Bit.....	16.2	3.1	4.1	5.8	3.2
Used Only a Few Days or Nights.....	39.3	4.2	9.5	19.4	6.1
Not Used at All.....	2.9	0.4	0.7	1.1	0.8
Battery-Operated Appliances/Tools					
Use Battery-Operated Appliances/Tools.....	54.9	8.4	13.6	20.2	12.6
Plugged in All the Time.....	10.0	1.7	2.3	3.9	2.2
Recharged as Needed.....	41.6	6.1	10.4	15.0	10.0
Both Ways Are Used.....	3.3	Q	0.8	1.3	0.5
Do Not Use Battery-Operated Appliances/Tools.....	56.2	12.2	12.0	20.5	11.6
Other Appliances Used					
Auto Block/Engine/Battery Heater.....	0.8	Q	0.4	N	0.2
Hot Tub or Spa.....	6.7	1.0	1.3	2.1	2.2
Swimming Pool with Filters.....	8.3	1.6	1.5	3.1	2.2
Water Bed.....	2.2	0.4	0.7	0.7	0.4

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.

Table HC11.10 Home Appliances Usage Indicators by Northeast Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Total	111.1	20.6	15.1	5.5
Cooking Appliances				
Frequency of Hot Meals Cooked				
3 or More Times A Day.....	8.2	1.2	1.0	0.2
2 Times A Day.....	24.6	4.0	2.7	1.2
Once a Day.....	42.3	7.9	5.4	2.5
A Few Times Each Week.....	27.2	6.0	4.8	1.2
About Once a Week.....	3.9	0.6	0.5	Q
Less Than Once a Week.....	4.1	0.6	0.4	Q
No Hot Meals Cooked.....	0.9	0.3	Q	Q
Coventional Oven				
Use an Oven.....	109.6	20.3	14.9	5.4
More Than Once a Day.....	8.9	1.4	1.2	0.3
Once a Day.....	19.2	3.7	2.6	1.1
Between Once a Day and Once a Week.....	32.0	5.6	3.8	1.8
Once a Week.....	19.1	4.0	2.9	1.0
Less than Once a Week.....	30.3	5.7	4.5	1.2
Do Not Use an Oven.....	1.5	0.2	Q	Q
Microwave Oven				
Use a Microwave Oven.....	97.7	17.6	13.4	4.3
Most or all Food Cooked.....	8.3	1.4	1.1	0.3
About Half of All Food Cooked.....	17.3	2.0	1.4	0.6
Some or Very Little Food Cooked.....	21.9	3.1	2.2	0.9
For Defrosting, Reheating, or Snacks.....	50.2	11.2	8.7	2.4
Do Not Use a Microwave Oven.....	13.4	3.0	1.8	1.2
Electric Coffee Maker				
Use an Electric Coffee Maker.....	67.2	12.0	8.6	3.5
3 or More Times a Day.....	2.5	0.4	Q	0.1
2 Times a Day.....	5.4	1.3	1.0	0.3
Once a Day.....	36.9	6.6	4.7	1.9
A Few Times Each Week.....	9.7	1.4	0.9	0.5
About Once a Week.....	5.0	1.1	0.9	0.2
Less Than Once a Week.....	7.6	1.3	0.9	0.3
Do Not Use an Electric Coffee Maker.....	43.9	8.6	6.6	2.0
Time Coffee Maker is Left On				
Turned off Right Away.....	21.6	4.6	3.3	1.3
Less than 15 Minutes.....	11.2	2.4	1.8	0.6
15 Minutes to 1 Hour.....	21.1	3.3	2.2	1.1
More Than 1 Hour.....	13.2	1.8	1.2	0.5

Table HC11.10 Home Appliances Usage Indicators by Northeast Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Electric Toaster Oven				
Use an Electric Toaster Oven.....	37.3	9.0	6.5	2.4
3 or More Times a Day.....	0.9	0.6	0.5	Q
2 Times a Day.....	3.2	0.9	0.6	0.3
Once a Day.....	9.0	2.3	1.6	0.7
A Few Times Each Week.....	11.6	2.4	1.7	0.7
About Once a Week.....	4.4	0.9	0.7	0.2
Less Than Once a Week.....	8.1	1.9	1.4	0.5
Do Not Use an Electric Toaster Oven.....	73.8	11.6	8.6	3.0
Electric Toaster Oven Function				
Used Only as a Toaster.....	22.0	4.9	3.7	1.3
Used Only as an Oven.....	5.7	1.3	0.9	0.4
Used Both as a Toaster and an Oven.....	9.6	2.7	1.9	0.8
Refrigerators				
Most-Used Refrigerator				
Age of Most-Used Refrigerator				
Less than 2 Years.....	19.0	3.1	2.1	1.0
2 to 4 Years.....	22.7	4.3	3.4	0.9
5 to 9 Years.....	30.9	5.3	4.0	1.3
10 to 19 Years.....	25.7	5.3	4.0	1.3
20 Years or More.....	6.1	1.3	1.0	0.3
Don't Know.....	6.7	1.3	0.6	0.6
Energy Star (Most-Used) Refrigerator¹				
Yes.....	23.9	4.9	3.7	1.2
No.....	12.9	1.9	1.3	0.6
Don't Know.....	4.9	0.6	0.4	0.1
Unit is More Than 4 Years Old.....	69.4	13.2	9.6	3.6
Use a Second Refrigerator.....	24.6	4.3	3.2	1.1
Age of Second Refrigerator				
Less than 2 Years.....	2.3	0.3	Q	Q
2 to 4 Years.....	3.8	0.6	0.6	Q
5 to 9 Years.....	5.3	1.1	0.8	0.3
10 to 19 Years.....	8.6	1.4	1.1	0.4
20 Years or More.....	4.1	0.8	0.5	0.2
Don't Know.....	0.5	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	16.3	11.9	4.4
Number of Months Turned on Each Year				
1 to 3 Months.....	1.9	0.3	Q	Q
4 to 6 Months.....	0.9	0.3	Q	Q
7 to 11 Months.....	0.5	Q	Q	Q
On all the Time.....	21.2	3.6	2.7	0.9

Table HC11.10 Home Appliances Usage Indicators by Northeast Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Dishwasher				
Use a Dishwasher.....	64.7	10.3	7.2	3.1
At Least Once Each Day.....	11.3	1.8	1.3	0.5
4 to 6 Times a Week.....	11.7	1.7	1.0	0.6
2 to 3 Times a Week.....	21.8	4.0	2.7	1.2
Once each Week.....	9.0	1.2	0.7	0.4
Less than Once Each Week.....	10.9	1.8	1.5	0.3
Do Not Use a Dishwasher.....	46.4	10.3	7.9	2.4
Energy Star Dishwasher¹				
Yes.....	16.4	2.7	1.9	0.8
No.....	6.6	0.7	0.4	0.3
Don't Know.....	3.1	0.4	0.3	Q
Unit is More Than 4 Years Old.....	85.0	16.8	12.6	4.2
Clothes Washers and Dryers				
Clothes Washer				
Use a Clothes Washer in the Home.....	91.8	15.4	11.2	4.2
1 Load Each Week.....	7.3	1.3	0.9	0.3
2 to 5 Loads Each Week.....	39.0	7.3	5.3	1.9
6 to 9 Loads Each Week.....	33.8	5.3	3.8	1.5
10 to 15 Loads Each Week.....	9.3	1.3	0.9	0.4
More than 15 Loads Each Week.....	2.4	0.2	Q	Q
Do Not Use a Clothes Washer in the Home.....	19.3	5.2	3.9	1.3
Usual Water Temperature Setting				
Wash Cycle				
Hot.....	6.7	1.8	1.5	0.3
Warm.....	50.5	8.8	6.6	2.2
Cold.....	34.6	4.8	3.1	1.7
Rinse Cycle				
Hot.....	1.6	0.4	0.3	Q
Warm.....	18.2	3.4	2.6	0.8
Cold.....	72.0	11.6	8.3	3.3
Energy Star Clothes Washer¹				
Yes.....	21.7	4.3	3.2	1.1
No.....	10.4	1.4	1.0	0.4
Don't Know.....	4.5	0.5	0.4	Q
Unit is More Than 4 Years Old.....	55.1	9.2	6.6	2.6
Loads of Clothes Dried				
Use a Clothes Dryer in the Home.....	87.5	13.7	9.8	3.9
Every Time Clothes are Washed.....	72.4	11.1	8.0	3.1
Some, but Not All, Loads.....	12.4	2.1	1.4	0.7
Used Infrequently.....	2.7	0.5	0.4	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	6.8	5.3	1.6

Table HC11.10 Home Appliances Usage Indicators by Northeast Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Other Appliances				
Ceiling Fans				
1.....	21.7	3.8	2.6	1.3
2.....	17.4	2.8	2.1	0.7
3.....	12.3	1.8	1.3	0.5
4 or More.....	25.8	2.8	2.3	0.5
Use of Most-Used Ceiling Fan				
Used All Summer.....	18.7	3.5	2.6	0.9
Used Quite a Bit.....	16.2	3.1	2.4	0.7
Used Only a Few Days or Nights.....	39.3	4.2	3.1	1.1
Not Used at All.....	2.9	0.4	Q	0.2
Battery-Operated Appliances/Tools				
Use Battery-Operated Appliances/Tools.....	54.9	8.4	5.8	2.6
Plugged in All the Time.....	10.0	1.7	1.4	0.3
Recharged as Needed.....	41.6	6.1	4.0	2.1
Both Ways Are Used.....	3.3	Q	Q	0.2
Do Not Use Battery-Operated Appliances/Tools....	56.2	12.2	9.4	2.8
Other Appliances Used				
Auto Block/Engine/Battery Heater.....	0.8	Q	Q	Q
Hot Tub or Spa.....	6.7	1.0	0.8	0.2
Swimming Pool with Filters.....	8.3	1.6	1.2	0.4
Water Bed.....	2.2	0.4	Q	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.

Table HC12.10 Home Appliances Usage Indicators by Midwest Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Total	111.1	25.6	17.7	7.9
Cooking Appliances				
Frequency of Hot Meals Cooked				
3 or More Times A Day.....	8.2	1.4	1.0	0.4
2 Times A Day.....	24.6	5.8	3.5	2.3
Once a Day.....	42.3	10.7	7.8	2.9
A Few Times Each Week.....	27.2	5.6	4.0	1.6
About Once a Week.....	3.9	0.9	0.6	0.3
Less Than Once a Week.....	4.1	1.1	0.7	0.4
No Hot Meals Cooked.....	0.9	Q	Q	N
Coventional Oven				
Use an Oven.....	109.6	25.3	17.6	7.7
More Than Once a Day.....	8.9	1.3	0.8	0.5
Once a Day.....	19.2	4.6	3.0	1.6
Between Once a Day and Once a Week.....	32.0	8.9	6.3	2.6
Once a Week.....	19.1	4.3	3.0	1.3
Less than Once a Week.....	30.3	6.2	4.5	1.7
Do Not Use an Oven.....	1.5	0.3	Q	Q
Microwave Oven				
Use a Microwave Oven.....	97.7	23.2	16.1	7.1
Most or all Food Cooked.....	8.3	2.0	1.5	0.5
About Half of All Food Cooked.....	17.3	5.2	3.4	1.8
Some or Very Little Food Cooked.....	21.9	5.1	3.3	1.8
For Defrosting, Reheating, or Snacks.....	50.2	10.8	7.9	2.9
Do Not Use a Microwave Oven.....	13.4	2.4	1.6	0.8
Electric Coffee Maker				
Use an Electric Coffee Maker.....	67.2	16.2	10.8	5.3
3 or More Times a Day.....	2.5	0.6	0.5	Q
2 Times a Day.....	5.4	1.3	0.7	0.5
Once a Day.....	36.9	8.2	5.5	2.7
A Few Times Each Week.....	9.7	2.9	2.1	0.9
About Once a Week.....	5.0	1.3	0.8	0.5
Less Than Once a Week.....	7.6	1.8	1.2	0.6
Do Not Use an Electric Coffee Maker.....	43.9	9.4	6.9	2.5
Time Coffee Maker is Left On				
Turned off Right Away.....	21.6	4.5	3.2	1.3
Less than 15 Minutes.....	11.2	2.6	1.9	0.7
15 Minutes to 1 Hour.....	21.1	5.7	3.7	1.9
More Than 1 Hour.....	13.2	3.4	2.0	1.4

Table HC12.10 Home Appliances Usage Indicators by Midwest Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Electric Toaster Oven				
Use an Electric Toaster Oven.....	37.3	6.5	4.6	1.9
3 or More Times a Day.....	0.9	Q	Q	Q
2 Times a Day.....	3.2	0.4	Q	Q
Once a Day.....	9.0	1.5	1.0	0.5
A Few Times Each Week.....	11.6	2.1	1.6	0.5
About Once a Week.....	4.4	0.9	0.7	Q
Less Than Once a Week.....	8.1	1.6	1.0	0.6
Do Not Use an Electric Toaster Oven.....	73.8	19.1	13.2	6.0
Electric Toaster Oven Function				
Used Only as a Toaster.....	22.0	3.4	2.6	0.8
Used Only as an Oven.....	5.7	1.3	0.9	0.4
Used Both as a Toaster and an Oven.....	9.6	1.7	1.1	0.6
Refrigerators				
Most-Used Refrigerator				
Age of Most-Used Refrigerator				
Less than 2 Years.....	19.0	3.9	2.6	1.3
2 to 4 Years.....	22.7	4.6	3.2	1.4
5 to 9 Years.....	30.9	7.4	5.3	2.1
10 to 19 Years.....	25.7	6.7	4.7	2.0
20 Years or More.....	6.1	1.5	1.1	0.4
Don't Know.....	6.7	1.5	0.8	0.7
Energy Star (Most-Used) Refrigerator¹				
Yes.....	23.9	5.0	3.5	1.5
No.....	12.9	2.3	1.5	0.8
Don't Know.....	4.9	1.2	0.8	0.4
Unit is More Than 4 Years Old.....	69.4	17.1	11.9	5.2
Use a Second Refrigerator.....	24.6	7.1	4.8	2.3
Age of Second Refrigerator				
Less than 2 Years.....	2.3	0.7	0.4	0.3
2 to 4 Years.....	3.8	0.9	0.6	0.4
5 to 9 Years.....	5.3	1.5	1.0	0.5
10 to 19 Years.....	8.6	2.5	1.9	0.6
20 Years or More.....	4.1	1.3	0.9	0.4
Don't Know.....	0.5	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	18.5	12.9	5.5
Number of Months Turned on Each Year				
1 to 3 Months.....	1.9	0.6	0.3	0.2
4 to 6 Months.....	0.9	0.3	Q	Q
7 to 11 Months.....	0.5	Q	Q	Q
On all the Time.....	21.2	5.9	4.2	1.8

Table HC12.10 Home Appliances Usage Indicators by Midwest Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Dishwasher				
Use a Dishwasher.....	64.7	14.7	9.8	5.0
At Least Once Each Day.....	11.3	2.7	1.7	0.9
4 to 6 Times a Week.....	11.7	2.9	1.9	1.0
2 to 3 Times a Week.....	21.8	5.2	3.5	1.7
Once each Week.....	9.0	1.8	1.2	0.7
Less than Once Each Week.....	10.9	2.1	1.4	0.6
Do Not Use a Dishwasher.....	46.4	10.9	8.0	2.9
Energy Star Dishwasher¹				
Yes.....	16.4	3.6	2.4	1.2
No.....	6.6	1.3	0.8	0.5
Don't Know.....	3.1	0.9	0.6	0.3
Unit is More Than 4 Years Old.....	85.0	19.8	13.9	5.8
Clothes Washers and Dryers				
Clothes Washer				
Use a Clothes Washer in the Home.....	91.8	22.0	15.3	6.7
1 Load Each Week.....	7.3	1.6	1.3	0.4
2 to 5 Loads Each Week.....	39.0	8.9	6.0	2.9
6 to 9 Loads Each Week.....	33.8	8.2	5.9	2.3
10 to 15 Loads Each Week.....	9.3	2.4	1.6	0.8
More than 15 Loads Each Week.....	2.4	0.9	0.5	0.4
Do Not Use a Clothes Washer in the Home.....	19.3	3.6	2.4	1.2
Usual Water Temperature Setting				
Wash Cycle				
Hot.....	6.7	1.3	0.8	0.5
Warm.....	50.5	13.7	9.6	4.1
Cold.....	34.6	7.1	4.9	2.2
Rinse Cycle				
Hot.....	1.6	Q	Q	N
Warm.....	18.2	4.3	3.1	1.3
Cold.....	72.0	17.5	12.1	5.4
Energy Star Clothes Washer¹				
Yes.....	21.7	4.4	3.0	1.4
No.....	10.4	1.7	1.1	0.6
Don't Know.....	4.5	1.1	0.6	0.5
Unit is More Than 4 Years Old.....	55.1	14.8	10.6	4.2
Loads of Clothes Dried				
Use a Clothes Dryer in the Home.....	87.5	21.7	15.1	6.6
Every Time Clothes are Washed.....	72.4	17.2	12.0	5.2
Some, but Not All, Loads.....	12.4	3.9	2.5	1.4
Used Infrequently.....	2.7	0.6	0.5	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	3.9	2.7	1.2

Table HC12.10 Home Appliances Usage Indicators by Midwest Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Other Appliances				
Ceiling Fans				
1.....	21.7	5.3	4.0	1.3
2.....	17.4	4.4	3.0	1.4
3.....	12.3	3.4	2.3	1.1
4 or More.....	25.8	6.1	3.7	2.3
Use of Most-Used Ceiling Fan				
Used All Summer.....	18.7	4.9	3.4	1.5
Used Quite a Bit.....	16.2	4.1	3.0	1.1
Used Only a Few Days or Nights.....	39.3	9.5	6.2	3.3
Not Used at All.....	2.9	0.7	0.5	Q
Battery-Operated Appliances/Tools				
Use Battery-Operated Appliances/Tools.....	54.9	13.6	8.8	4.8
Plugged in All the Time.....	10.0	2.3	1.6	0.8
Recharged as Needed.....	41.6	10.4	6.9	3.5
Both Ways Are Used.....	3.3	0.8	0.3	0.5
Do Not Use Battery-Operated Appliances/Tools....	56.2	12.0	9.0	3.1
Other Appliances Used				
Auto Block/Engine/Battery Heater.....	0.8	0.4	Q	Q
Hot Tub or Spa.....	6.7	1.3	0.9	0.4
Swimming Pool with Filters.....	8.3	1.5	1.2	Q
Water Bed.....	2.2	0.7	0.6	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.

Table HC13.10 Home Appliances Usage Indicators by South Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Total	111.1	40.7	21.7	6.9	12.1
Cooking Appliances					
Frequency of Hot Meals Cooked					
3 or More Times A Day.....	8.2	3.0	1.6	0.3	1.1
2 Times A Day.....	24.6	8.3	4.2	1.3	2.7
Once a Day.....	42.3	15.0	8.1	2.7	4.2
A Few Times Each Week.....	27.2	10.9	6.0	1.8	3.1
About Once a Week.....	3.9	1.6	0.7	0.4	0.5
Less Than Once a Week.....	4.1	1.7	1.0	0.4	0.4
No Hot Meals Cooked.....	0.9	Q	Q	N	Q
Coventional Oven					
Use an Oven.....	109.6	40.2	21.5	6.8	11.9
More Than Once a Day.....	8.9	4.4	2.5	0.6	1.3
Once a Day.....	19.2	7.7	3.7	1.8	2.2
Between Once a Day and Once a Week.....	32.0	11.4	6.2	2.2	3.1
Once a Week.....	19.1	6.7	3.4	1.0	2.3
Less than Once a Week.....	30.3	10.1	5.7	1.3	3.1
Do Not Use an Oven.....	1.5	0.5	Q	Q	Q
Microwave Oven					
Use a Microwave Oven.....	97.7	35.2	18.7	5.8	10.7
Most or all Food Cooked.....	8.3	2.8	1.7	0.4	0.7
About Half of All Food Cooked.....	17.3	5.5	3.0	1.0	1.5
Some or Very Little Food Cooked.....	21.9	8.4	4.5	1.4	2.5
For Defrosting, Reheating, or Snacks.....	50.2	18.4	9.5	3.0	5.9
Do Not Use a Microwave Oven.....	13.4	5.5	3.0	Q	1.5
Electric Coffee Maker					
Use an Electric Coffee Maker.....	67.2	25.2	13.2	4.5	7.5
3 or More Times a Day.....	2.5	1.0	0.5	0.3	0.3
2 Times a Day.....	5.4	1.8	0.9	0.4	0.5
Once a Day.....	36.9	14.4	7.7	2.4	4.3
A Few Times Each Week.....	9.7	3.5	1.8	0.8	1.0
About Once a Week.....	5.0	1.4	0.7	0.2	0.5
Less Than Once a Week.....	7.6	3.1	1.6	0.5	0.9
Do Not Use an Electric Coffee Maker.....	43.9	15.5	8.5	2.4	4.6
Time Coffee Maker is Left On					
Turned off Right Away.....	21.6	8.4	5.2	1.1	2.1
Less than 15 Minutes.....	11.2	3.9	2.0	0.6	1.3
15 Minutes to 1 Hour.....	21.1	8.0	3.7	1.6	2.6
More Than 1 Hour.....	13.2	4.9	2.3	1.1	1.5

Table HC13.10 Home Appliances Usage Indicators by South Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Electric Toaster Oven					
Use an Electric Toaster Oven.....	37.3	13.7	8.2	2.0	3.5
3 or More Times a Day.....	0.9	Q	Q	Q	Q
2 Times a Day.....	3.2	0.9	0.6	Q	Q
Once a Day.....	9.0	3.3	2.2	0.4	0.7
A Few Times Each Week.....	11.6	4.7	3.1	0.5	1.1
About Once a Week.....	4.4	1.5	0.8	0.3	0.5
Less Than Once a Week.....	8.1	3.1	1.5	0.7	0.9
Do Not Use an Electric Toaster Oven.....	73.8	27.0	13.5	4.8	8.7
Electric Toaster Oven Function					
Used Only as a Toaster.....	22.0	8.4	5.3	1.3	1.8
Used Only as an Oven.....	5.7	2.0	1.1	0.3	0.6
Used Both as a Toaster and an Oven.....	9.6	3.3	1.8	0.5	1.0
Refrigerators					
Most-Used Refrigerator					
Age of Most-Used Refrigerator					
Less than 2 Years.....	19.0	6.7	3.8	1.0	2.0
2 to 4 Years.....	22.7	8.9	4.4	1.5	3.0
5 to 9 Years.....	30.9	11.3	5.8	1.9	3.6
10 to 19 Years.....	25.7	9.0	5.0	1.9	2.0
20 Years or More.....	6.1	2.2	1.3	0.3	0.6
Don't Know.....	6.7	2.6	1.3	0.3	1.0
Energy Star (Most-Used) Refrigerator¹					
Yes.....	23.9	7.6	3.6	1.3	2.7
No.....	12.9	6.1	3.6	0.9	1.6
Don't Know.....	4.9	1.9	1.0	0.2	0.7
Unit is More Than 4 Years Old.....	69.4	25.1	13.5	4.5	7.1
Use a Second Refrigerator.....	24.6	8.0	4.7	1.2	2.0
Age of Second Refrigerator					
Less than 2 Years.....	2.3	0.8	0.6	Q	Q
2 to 4 Years.....	3.8	1.4	0.8	Q	0.5
5 to 9 Years.....	5.3	1.6	1.0	Q	0.4
10 to 19 Years.....	8.6	2.9	1.7	0.6	0.6
20 Years or More.....	4.1	1.1	0.6	0.2	0.3
Don't Know.....	0.5	Q	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	32.7	16.9	5.7	10.1
Number of Months Turned on Each Year					
1 to 3 Months.....	1.9	0.6	0.4	Q	Q
4 to 6 Months.....	0.9	Q	Q	Q	N
7 to 11 Months.....	0.5	Q	Q	N	N
On all the Time.....	21.2	7.2	4.2	1.1	1.9

Table HC13.10 Home Appliances Usage Indicators by South Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Dishwasher					
Use a Dishwasher.....	64.7	25.0	13.8	4.1	7.1
At Least Once Each Day.....	11.3	4.4	2.1	0.8	1.6
4 to 6 Times a Week.....	11.7	4.5	2.6	0.7	1.2
2 to 3 Times a Week.....	21.8	7.4	3.9	1.4	2.1
Once each Week.....	9.0	3.7	2.3	0.6	0.8
Less than Once Each Week.....	10.9	4.9	2.8	0.6	1.5
Do Not Use a Dishwasher.....	46.4	15.7	7.9	2.8	5.0
Energy Star Dishwasher¹					
Yes.....	16.4	5.9	3.0	0.7	2.2
No.....	6.6	3.3	2.1	0.5	0.7
Don't Know.....	3.1	1.2	0.7	Q	0.3
Unit is More Than 4 Years Old.....	85.0	30.3	15.9	5.6	8.9
Clothes Washers and Dryers					
Clothes Washer					
Use a Clothes Washer in the Home.....	91.8	34.8	18.4	6.2	10.2
1 Load Each Week.....	7.3	3.0	1.9	0.6	0.6
2 to 5 Loads Each Week.....	39.0	14.5	7.6	2.4	4.6
6 to 9 Loads Each Week.....	33.8	12.8	7.1	2.6	3.2
10 to 15 Loads Each Week.....	9.3	3.6	1.6	0.5	1.5
More than 15 Loads Each Week.....	2.4	0.8	0.3	Q	0.4
Do Not Use a Clothes Washer in the Home.....	19.3	5.9	3.3	0.7	1.9
Usual Water Temperature Setting					
Wash Cycle					
Hot.....	6.7	2.2	1.0	0.4	0.9
Warm.....	50.5	17.1	8.2	3.3	5.5
Cold.....	34.6	15.5	9.1	2.5	3.9
Rinse Cycle					
Hot.....	1.6	0.7	Q	Q	Q
Warm.....	18.2	6.5	2.6	1.4	2.4
Cold.....	72.0	27.6	15.5	4.6	7.5
Energy Star Clothes Washer¹					
Yes.....	21.7	7.4	3.7	1.3	2.4
No.....	10.4	5.2	3.1	0.7	1.4
Don't Know.....	4.5	1.8	0.7	0.4	0.7
Unit is More Than 4 Years Old.....	55.1	20.4	10.8	3.8	5.8
Loads of Clothes Dried					
Use a Clothes Dryer in the Home.....	87.5	33.2	17.6	5.9	9.7
Every Time Clothes are Washed.....	72.4	29.0	14.9	5.2	8.9
Some, but Not All, Loads.....	12.4	3.5	2.2	0.6	0.7
Used Infrequently.....	2.7	0.8	0.5	Q	Q
Do Not Use a Clothes Dryer in the Home.....	23.6	7.5	4.1	1.0	2.4

Table HC13.10 Home Appliances Usage Indicators by South Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Other Appliances					
Ceiling Fans					
1.....	21.7	7.1	4.0	1.1	1.9
2.....	17.4	6.8	3.8	1.1	2.0
3.....	12.3	5.3	2.7	1.0	1.6
4 or More.....	25.8	13.2	6.2	2.3	4.7
Use of Most-Used Ceiling Fan					
Used All Summer.....	18.7	6.0	3.6	1.0	1.3
Used Quite a Bit.....	16.2	5.8	3.2	0.9	1.6
Used Only a Few Days or Nights.....	39.3	19.4	9.4	3.4	6.7
Not Used at All.....	2.9	1.1	0.5	Q	0.4
Battery-Operated Appliances/Tools					
Use Battery-Operated Appliances/Tools.....	54.9	20.2	10.9	3.3	6.1
Plugged in All the Time.....	10.0	3.9	2.1	0.7	1.1
Recharged as Needed.....	41.6	15.0	8.3	2.4	4.4
Both Ways Are Used.....	3.3	1.3	0.5	0.2	0.6
Do Not Use Battery-Operated Appliances/Tools.....	56.2	20.5	10.8	3.6	6.1
Other Appliances Used					
Auto Block/Engine/Battery Heater.....	0.8	N	N	N	N
Hot Tub or Spa.....	6.7	2.1	1.2	0.2	0.7
Swimming Pool with Filters.....	8.3	3.1	1.9	0.3	0.8
Water Bed.....	2.2	0.7	Q	Q	0.4

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.

Table HC14.10 Home Appliances Usage Indicators by West Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Total.....	111.1	24.2	7.6	16.6
Cooking Appliances				
Frequency of Hot Meals Cooked				
3 or More Times A Day.....	8.2	2.6	0.7	1.9
2 Times A Day.....	24.6	6.6	2.0	4.6
Once a Day.....	42.3	8.8	2.9	5.8
A Few Times Each Week.....	27.2	4.7	1.5	3.1
About Once a Week.....	3.9	0.7	Q	0.6
Less Than Once a Week.....	4.1	0.7	0.3	0.4
No Hot Meals Cooked.....	0.9	0.2	Q	Q
Coventional Oven				
Use an Oven.....	109.6	23.7	7.5	16.2
More Than Once a Day.....	8.9	1.7	0.4	1.3
Once a Day.....	19.2	3.2	1.1	2.2
Between Once a Day and Once a Week.....	32.0	6.1	2.1	4.0
Once a Week.....	19.1	4.2	1.4	2.8
Less than Once a Week.....	30.3	8.3	2.4	5.9
Do Not Use an Oven.....	1.5	0.5	Q	0.4
Microwave Oven				
Use a Microwave Oven.....	97.7	21.7	7.2	14.4
Most or all Food Cooked.....	8.3	2.0	0.7	1.2
About Half of All Food Cooked.....	17.3	4.6	1.9	2.7
Some or Very Little Food Cooked.....	21.9	5.3	1.6	3.7
For Defrosting, Reheating, or Snacks.....	50.2	9.9	3.0	6.8
Do Not Use a Microwave Oven.....	13.4	2.5	0.3	2.2
Electric Coffee Maker				
Use an Electric Coffee Maker.....	67.2	13.7	4.6	9.1
3 or More Times a Day.....	2.5	0.5	0.2	0.3
2 Times a Day.....	5.4	1.0	0.4	0.6
Once a Day.....	36.9	7.8	2.7	5.1
A Few Times Each Week.....	9.7	1.8	0.6	1.3
About Once a Week.....	5.0	1.1	0.3	0.8
Less Than Once a Week.....	7.6	1.5	0.4	1.1
Do Not Use an Electric Coffee Maker.....	43.9	10.5	3.0	7.5
Time Coffee Maker is Left On				
Turned off Right Away.....	21.6	4.1	1.4	2.7
Less than 15 Minutes.....	11.2	2.3	0.8	1.5
15 Minutes to 1 Hour.....	21.1	4.2	1.4	2.8
More Than 1 Hour.....	13.2	3.1	1.0	2.2

Table HC14.10 Home Appliances Usage Indicators by West Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Electric Toaster Oven				
Use an Electric Toaster Oven.....	37.3	8.1	2.4	5.7
3 or More Times a Day.....	0.9	Q	Q	Q
2 Times a Day.....	3.2	1.0	Q	0.7
Once a Day.....	9.0	1.9	0.3	1.5
A Few Times Each Week.....	11.6	2.5	0.6	1.9
About Once a Week.....	4.4	1.1	0.4	0.7
Less Than Once a Week.....	8.1	1.5	0.7	0.8
Do Not Use an Electric Toaster Oven.....	73.8	16.1	5.1	11.0
Electric Toaster Oven Function				
Used Only as a Toaster.....	22.0	5.2	1.7	3.6
Used Only as an Oven.....	5.7	1.1	0.4	0.7
Used Both as a Toaster and an Oven.....	9.6	1.8	0.4	1.4
Refrigerators				
Most-Used Refrigerator				
Age of Most-Used Refrigerator				
Less than 2 Years.....	19.0	5.2	1.4	3.8
2 to 4 Years.....	22.7	5.0	1.7	3.2
5 to 9 Years.....	30.9	6.9	2.1	4.9
10 to 19 Years.....	25.7	4.7	1.4	3.3
20 Years or More.....	6.1	1.1	0.5	0.6
Don't Know.....	6.7	1.3	0.4	0.8
Energy Star (Most-Used) Refrigerator¹				
Yes.....	23.9	6.4	1.7	4.7
No.....	12.9	2.5	1.0	1.5
Don't Know.....	4.9	1.2	0.4	0.8
Unit is More Than 4 Years Old.....	69.4	14.0	4.4	9.6
Use a Second Refrigerator.....	24.6	5.3	1.5	3.8
Age of Second Refrigerator				
Less than 2 Years.....	2.3	0.5	Q	0.4
2 to 4 Years.....	3.8	0.9	Q	0.7
5 to 9 Years.....	5.3	1.2	0.3	0.9
10 to 19 Years.....	8.6	1.8	0.6	1.1
20 Years or More.....	4.1	0.9	0.2	0.6
Don't Know.....	0.5	Q	Q	Q
Do Not Use a Second Refrigerator.....	86.3	18.9	6.0	12.9
Number of Months Turned on Each Year				
1 to 3 Months.....	1.9	0.5	Q	0.4
4 to 6 Months.....	0.9	Q	Q	Q
7 to 11 Months.....	0.5	Q	N	Q
On all the Time.....	21.2	4.5	1.4	3.1

Table HC14.10 Home Appliances Usage Indicators by West Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Dishwasher				
Use a Dishwasher.....	64.7	14.7	5.0	9.7
At Least Once Each Day.....	11.3	2.4	0.7	1.8
4 to 6 Times a Week.....	11.7	2.7	1.2	1.5
2 to 3 Times a Week.....	21.8	5.2	2.0	3.2
Once each Week.....	9.0	2.3	0.5	1.8
Less than Once Each Week.....	10.9	2.1	0.7	1.5
Do Not Use a Dishwasher.....	46.4	9.5	2.6	6.9
Energy Star Dishwasher¹				
Yes.....	16.4	4.2	1.4	2.8
No.....	6.6	1.3	0.5	0.8
Don't Know.....	3.1	0.6	0.3	0.4
Unit is More Than 4 Years Old.....	85.0	18.1	5.4	12.7
Clothes Washers and Dryers				
Clothes Washer				
Use a Clothes Washer in the Home.....	91.8	19.6	6.6	12.9
1 Load Each Week.....	7.3	1.3	0.3	1.0
2 to 5 Loads Each Week.....	39.0	8.3	2.8	5.5
6 to 9 Loads Each Week.....	33.8	7.5	2.7	4.8
10 to 15 Loads Each Week.....	9.3	1.9	0.7	1.2
More than 15 Loads Each Week.....	2.4	0.5	Q	0.3
Do Not Use a Clothes Washer in the Home.....	19.3	4.6	0.9	3.7
Usual Water Temperature Setting				
Wash Cycle				
Hot.....	6.7	1.4	0.3	1.1
Warm.....	50.5	10.9	3.7	7.3
Cold.....	34.6	7.3	2.6	4.6
Rinse Cycle				
Hot.....	1.6	0.3	Q	Q
Warm.....	18.2	4.0	1.1	2.8
Cold.....	72.0	15.3	5.4	9.9
Energy Star Clothes Washer¹				
Yes.....	21.7	5.6	1.6	4.0
No.....	10.4	2.1	0.9	1.3
Don't Know.....	4.5	1.2	0.5	0.7
Unit is More Than 4 Years Old.....	55.1	10.6	3.6	6.9
Loads of Clothes Dried				
Use a Clothes Dryer in the Home.....	87.5	18.8	6.2	12.6
Every Time Clothes are Washed.....	72.4	15.2	4.9	10.3
Some, but Not All, Loads.....	12.4	2.9	1.0	1.9
Used Infrequently.....	2.7	0.7	0.3	0.4
Do Not Use a Clothes Dryer in the Home.....	23.6	5.4	1.3	4.1

Table HC14.10 Home Appliances Usage Indicators by West Census Region, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Other Appliances				
Ceiling Fans				
1.....	21.7	5.5	1.7	3.8
2.....	17.4	3.3	1.3	2.0
3.....	12.3	1.8	0.7	1.1
4 or More.....	25.8	3.8	1.6	2.2
Use of Most-Used Ceiling Fan				
Used All Summer.....	18.7	4.4	1.4	2.9
Used Quite a Bit.....	16.2	3.2	1.0	2.2
Used Only a Few Days or Nights.....	39.3	6.1	2.5	3.6
Not Used at All.....	2.9	0.8	0.3	0.4
Battery-Operated Appliances/Tools				
Use Battery-Operated Appliances/Tools.....	54.9	12.6	4.2	8.4
Plugged in All the Time.....	10.0	2.2	0.7	1.5
Recharged as Needed.....	41.6	10.0	3.4	6.5
Both Ways Are Used.....	3.3	0.5	Q	0.4
Do Not Use Battery-Operated Appliances/Tools....	56.2	11.6	3.3	8.2
Other Appliances Used				
Auto Block/Engine/Battery Heater.....	0.8	0.2	Q	0.1
Hot Tub or Spa.....	6.7	2.2	0.6	1.7
Swimming Pool with Filters.....	8.3	2.2	0.7	1.5
Water Bed.....	2.2	0.4	0.2	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.

Table HC15.10 Home Appliances Usage Indicators by Four Most Populated States, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Total	0.0	0.0	0.0	0.0	0.0
Cooking Appliances					
Frequency of Hot Meals Cooked					
3 or More Times A Day.....	6.6	21.3	25.3	29.9	13.3
2 Times A Day.....	3.1	14.0	23.0	7.4	10.3
Once a Day.....	2.2	5.2	11.8	10.5	5.6
A Few Times Each Week.....	3.1	6.5	15.8	14.9	9.8
About Once a Week.....	9.0	30.6	67.7	25.9	25.8
Less Than Once a Week.....	7.7	52.2	47.1	33.0	12.0
No Hot Meals Cooked.....	22.6	105.7	103.4	91.6	65.8
Coventional Oven					
Use an Oven.....	0.2	0.1	1.3	1.1	1.2
More Than Once a Day.....	6.3	22.8	16.6	18.7	17.2
Once a Day.....	3.4	16.5	30.3	10.4	13.9
Between Once a Day and Once a Week.....	2.4	10.5	14.5	10.7	8.9
Once a Week.....	3.5	11.3	18.5	13.1	11.8
Less than Once a Week.....	2.5	11.0	11.3	6.1	6.4
Do Not Use an Oven.....	14.7	96.2	68.0	47.1	34.9
Microwave Oven					
Use a Microwave Oven.....	1.0	4.3	4.5	2.0	2.7
Most or all Food Cooked.....	7.4	68.5	22.9	22.9	29.9
About Half of All Food Cooked.....	4.3	21.5	18.7	22.7	10.4
Some or Very Little Food Cooked.....	3.8	15.0	21.4	14.7	9.8
For Defrosting, Reheating, or Snacks.....	2.7	4.3	11.3	8.7	6.4
Do Not Use a Microwave Oven.....	7.3	19.7	24.6	12.4	15.2
Electric Coffee Maker					
Use an Electric Coffee Maker.....	1.8	10.6	4.7	4.7	6.3
3 or More Times a Day.....	11.0	76.6	78.0	52.9	44.6
2 Times a Day.....	6.8	18.8	39.7	35.9	17.8
Once a Day.....	3.0	12.8	14.0	9.7	6.6
A Few Times Each Week.....	5.1	32.6	18.3	26.9	17.5
About Once a Week.....	7.9	52.0	57.8	33.6	19.5
Less Than Once a Week.....	6.3	51.2	27.6	25.8	22.6
Do Not Use an Electric Coffee Maker.....	2.8	9.9	7.8	7.6	6.8
Time Coffee Maker is Left On					
Turned off Right Away.....	3.5	17.7	14.6	14.5	11.6
Less than 15 Minutes.....	4.7	22.0	16.3	18.4	15.2
15 Minutes to 1 Hour.....	4.0	16.6	25.1	10.5	11.2
More Than 1 Hour.....	4.8	13.5	24.7	18.3	12.0

Table HC15.10 Home Appliances Usage Indicators by Four Most Populated States, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Electric Toaster Oven					
Use an Electric Toaster Oven.....	2.6	13.7	6.5	9.2	5.3
3 or More Times a Day.....	22.3	53.5	71.1	0.0	57.8
2 Times a Day.....	12.1	44.6	45.0	56.4	30.0
Once a Day.....	4.9	13.7	19.0	20.3	16.7
A Few Times Each Week.....	5.3	31.3	16.5	24.4	14.9
About Once a Week.....	7.3	32.1	48.7	26.5	14.6
Less Than Once a Week.....	6.9	17.2	21.6	23.4	31.8
Do Not Use an Electric Toaster Oven.....	1.3	8.4	5.2	3.6	3.0
Electric Toaster Oven Function					
Used Only as a Toaster.....	3.9	14.1	12.8	15.6	7.5
Used Only as an Oven.....	7.5	36.5	33.0	30.8	20.5
Used Both as a Toaster and an Oven.....	5.8	21.4	23.0	18.0	16.1
Refrigerators					
Most-Used Refrigerator					
Age of Most-Used Refrigerator					
Less than 2 Years.....	3.9	13.0	13.6	18.2	8.2
2 to 4 Years.....	3.0	11.5	7.1	10.2	11.5
5 to 9 Years.....	2.9	6.7	9.2	6.5	13.4
10 to 19 Years.....	3.2	9.6	14.6	13.3	17.2
20 Years or More.....	6.7	22.8	12.2	27.9	40.9
Don't Know.....	8.4	35.0	43.6	27.4	25.9
Energy Star (Most-Used) Refrigerator¹					
Yes.....	3.2	11.7	9.9	14.9	6.8
No.....	5.5	20.0	15.6	10.0	23.0
Don't Know.....	9.1	47.8	42.1	28.5	16.0
Unit is More Than 4 Years Old.....	1.3	5.3	3.0	6.8	3.5
Use a Second Refrigerator.....	3.9	14.5	25.5	14.7	10.6
Age of Second Refrigerator					
Less than 2 Years.....	11.3	73.1	32.1	57.8	28.3
2 to 4 Years.....	8.7	29.1	35.9	25.4	22.3
5 to 9 Years.....	7.3	35.6	28.4	28.9	26.6
10 to 19 Years.....	5.7	42.1	36.0	34.6	15.6
20 Years or More.....	9.5	19.7	90.1	46.8	35.1
Don't Know.....	22.3	0.0	0.0	72.2	103.2
Do Not Use a Second Refrigerator.....	1.1	3.1	5.2	3.5	2.7
Number of Months Turned on Each Year					
1 to 3 Months.....	11.2	69.0	17.7	33.6	37.5
4 to 6 Months.....	16.5	36.3	0.0	0.0	36.8
7 to 11 Months.....	20.2	119.5	95.2	0.0	99.8
On all the Time.....	4.2	15.3	30.7	18.1	10.4

Table HC15.10 Home Appliances Usage Indicators by Four Most Populated States, 2005
Million U.S. Housing Units

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Dishwasher					
Use a Dishwasher.....	1.8	8.4	10.3	5.3	4.9
At Least Once Each Day.....	5.6	35.4	41.4	23.0	16.2
4 to 6 Times a Week.....	4.6	39.3	20.7	19.9	11.0
2 to 3 Times a Week.....	3.6	20.5	13.5	16.1	7.1
Once each Week.....	4.9	49.1	21.0	29.8	12.4
Less than Once Each Week.....	4.9	29.5	14.1	12.9	16.7
Do Not Use a Dishwasher.....	2.5	4.9	20.1	8.8	6.0
Energy Star Dishwasher¹					
Yes.....	4.7	9.9	26.5	19.8	11.7
No.....	7.7	103.4	35.0	23.0	17.9
Don't Know.....	10.0	15.3	55.9	34.3	31.6
Unit is More Than 4 Years Old.....	1.3	1.5	11.0	7.4	3.1
Clothes Washers and Dryers					
Clothes Washer					
Use a Clothes Washer in the Home.....	1.2	8.0	5.4	2.8	5.2
1 Load Each Week.....	6.6	29.3	27.0	35.4	17.8
2 to 5 Loads Each Week.....	2.4	11.4	9.9	7.9	8.9
6 to 9 Loads Each Week.....	2.9	13.7	10.3	10.3	6.8
10 to 15 Loads Each Week.....	6.1	20.8	30.0	27.0	12.1
More than 15 Loads Each Week.....	11.7	0.0	94.3	49.3	19.2
Do Not Use a Clothes Washer in the Home.....	5.8	13.0	25.4	12.9	16.1
Usual Water Temperature Setting					
Wash Cycle					
Hot.....	6.6	30.6	21.0	30.2	13.2
Warm.....	2.2	7.4	19.1	6.8	6.1
Cold.....	2.8	19.9	6.9	6.3	8.3
Rinse Cycle					
Hot.....	15.4	59.8	70.0	36.1	26.2
Warm.....	4.4	16.5	18.7	5.9	9.7
Cold.....	1.6	6.6	4.8	4.7	6.2
Energy Star Clothes Washer¹					
Yes.....	3.2	16.6	14.3	14.4	6.0
No.....	6.4	43.3	30.3	14.7	26.4
Don't Know.....	9.4	54.6	38.2	39.8	21.3
Unit is More Than 4 Years Old.....	2.0	11.7	8.4	8.0	7.9
Loads of Clothes Dried					
Use a Clothes Dryer in the Home.....	1.3	8.8	5.4	4.6	4.9
Every Time Clothes are Washed.....	1.7	11.2	6.2	5.9	6.3
Some, but Not All, Loads.....	4.7	15.5	22.6	30.3	12.2
Used Infrequently.....	11.1	44.1	58.6	34.3	25.2
Do Not Use a Clothes Dryer in the Home.....	4.9	8.9	20.3	14.8	13.7

**Table HC15.10 Home Appliances Usage Indicators by Four Most Populated States, 2005
Million U.S. Housing Units**

Home Appliances Usage Indicators	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Other Appliances					
Ceiling Fans					
1.....	3.2	12.1	12.9	21.6	7.4
2.....	4.3	19.0	38.9	19.3	11.6
3.....	4.8	20.8	26.8	14.7	14.0
4 or More.....	3.6	29.5	13.2	9.4	8.5
Use of Most-Used Ceiling Fan					
Used All Summer.....	3.9	27.9	12.8	15.1	10.7
Used Quite a Bit.....	4.0	13.1	14.1	17.6	9.4
Used Only a Few Days or Nights.....	2.4	26.7	7.1	6.1	7.4
Not Used at All.....	9.6	28.9	105.6	40.3	25.3
Battery-Operated Appliances/Tools					
Use Battery-Operated Appliances/Tools.....	2.5	18.5	12.3	7.2	7.3
Plugged in All the Time.....	5.1	27.3	21.0	14.9	15.6
Recharged as Needed.....	2.8	24.9	16.1	8.1	7.5
Both Ways Are Used.....	13.9	105.9	60.0	34.3	22.4
Do Not Use Battery-Operated Appliances/Tools.....	2.5	8.0	13.2	6.1	6.9
Other Appliances Used					
Auto Block/Engine/Battery Heater.....	20.4	96.7	0.0	0.0	0.0
Hot Tub or Spa.....	7.4	23.2	32.3	26.8	20.9
Swimming Pool with Filters.....	8.2	54.9	25.7	26.5	19.5
Water Bed.....	12.3	81.8	73.7	30.3	46.2

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.