

**Table HC3.9 Home Appliances Characteristics by Owner-Occupied Housing Unit, 2005**  
**Million U.S. Housing Units**

Home Appliances Characteristics	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	
<b>Total U.S.</b> .....	111.1	78.1	64.1	4.2	1.8	2.3	5.7
<b>Cooking Appliances</b>							
<b>Conventional Ovens</b>							
Use an Oven.....	109.6	77.3	63.4	4.1	1.8	2.3	5.6
1.....	103.3	71.9	58.6	3.9	1.6	2.2	5.5
2 or More.....	6.2	5.4	4.8	Q	Q	Q	Q
Do Not Use an Oven.....	1.5	0.8	0.6	Q	N	Q	Q
<b>Most-Used Oven Fuel</b>							
Electric.....	67.9	48.5	41.0	2.4	0.7	1.5	3.0
Natural Gas.....	36.4	24.1	19.0	1.7	1.1	0.8	1.5
Propane/LPG.....	5.2	4.6	3.4	N	N	Q	1.1
<b>Self-Cleaning Oven</b>							
Use a Self-Cleaning Oven.....	62.9	52.8	45.6	2.8	1.1	1.5	1.8
Continuous.....	9.3	7.7	6.7	0.6	Q	Q	Q
Manual Start.....	53.6	45.1	38.9	2.2	1.0	1.3	1.7
Do Not Use a Self-Cleaning Oven.....	46.7	24.5	17.9	1.3	0.7	0.8	3.8
<b>Cooking Ranges</b>							
Use a Cooking Range.....	109.8	77.4	63.6	4.1	1.8	2.3	5.6
1.....	105.5	73.9	60.6	3.9	1.6	2.2	5.5
2 or More.....	4.3	3.5	3.0	Q	Q	Q	Q
Do Not Use a Cooking Range.....	1.2	0.7	0.4	Q	N	Q	Q
<b>Most-Used Cooking Range Fuel</b>							
Electric.....	65.2	45.9	38.4	2.3	0.7	1.4	3.0
Natural Gas.....	39.0	26.5	21.3	1.7	1.1	0.8	1.5
Propane/LPG.....	5.6	4.9	3.8	N	N	Q	1.1
<b>Built-in/Stove-top Grills</b>							
Use a Built-in/Stove-top Grill.....	4.9	4.0	3.4	Q	Q	Q	Q
Do Not Use a Built-in/Stove-top Grill.....	106.2	74.1	60.6	4.0	1.7	2.2	5.6
<b>Built-in/Stove-top Grill Fuel</b>							
Electric.....	2.5	2.4	2.2	Q	N	Q	Q
Natural Gas.....	2.2	1.4	1.1	Q	Q	Q	Q
Propane/LPG.....	Q	Q	Q	N	N	N	N
<b>Refrigerators</b>							
Use a Refrigerator.....	111.0	78.0	64.0	4.2	1.8	2.3	5.7
1.....	86.3	55.5	43.4	3.1	1.5	2.3	5.3
2 or More.....	24.6	22.5	20.5	1.1	0.4	Q	0.5
Do Not Use a Refrigerator.....	Q	Q	Q	N	N	N	N
<b>Most-Used Refrigerator Defrost Method</b>							
Frost-Free.....	102.8	74.4	61.5	3.7	1.8	2.2	5.2
Manual.....	8.0	3.6	2.4	0.4	Q	Q	0.5
<b>Type of Most-Used Refrigerator</b>							
2-Doors (top and bottom).....	64.6	39.7	30.6	2.4	1.3	1.5	4.0
2-Doors (side-by-side).....	33.0	30.0	27.0	1.1	0.4	0.5	1.0
Full-Size (single door).....	12.1	7.6	5.9	0.5	Q	0.4	0.7
Half-Size/Other.....	1.0	0.6	0.3	Q	N	N	Q

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Age of Most-Used Refrigerator</b>							
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
<b>Size of Most-Used Refrigerator</b>							
Very Small (Less than 11 cf).....	0.7	0.4	Q	Q	N	N	Q
Small (11-14 cf).....	5.4	2.3	1.8	Q	Q	Q	Q
Medium (15-18 cf).....	53.8	32.7	24.9	2.2	1.0	1.4	3.3
Large (19-22 cf).....	42.7	34.6	29.6	1.5	0.8	0.7	2.0
Very Large (More than 22 cf).....	8.5	8.0	7.5	Q	Q	Q	Q
<b>Through-the-Door Ice and Water Service</b>							
Yes.....	29.8	27.5	24.7	1.0	0.3	0.5	0.9
No.....	81.1	50.6	39.2	3.2	1.5	1.8	4.8
<b>Second Refrigerator</b>							
Use a Second Refrigerator.....	24.6	22.5	20.5	1.1	0.4	Q	0.5
Do Not Use a Second Refrigerator.....	86.3	55.5	43.4	3.1	1.5	2.3	5.3
<b>Type of Second Refrigerator</b>							
2-Doors (top and bottom).....	7.5	6.8	6.1	0.4	Q	N	Q
2-Doors (side-by-side).....	8.6	8.3	7.8	0.3	Q	N	Q
Full-Size (single door).....	2.8	2.6	2.3	Q	Q	N	Q
Half-Size/Other.....	5.1	4.1	3.5	0.3	Q	Q	Q
<b>Age of Second Refrigerator</b>							
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
<b>Size of Second Refrigerator</b>							
Very Small (Less than 11 cf).....	3.4	2.8	2.3	Q	Q	Q	Q
Small (11-14 cf).....	3.6	3.0	2.7	Q	Q	N	Q
Medium (15-18 cf).....	10.5	10.0	9.0	0.5	Q	N	0.3
Large (19-22 cf).....	6.2	5.8	5.5	Q	Q	N	Q
Very Large (More than 22 cf).....	1.0	0.9	0.9	N	N	N	N
<b>Separate Freezers</b>							
Do Not Use a Separate Freezer.....	76.0	47.0	36.8	2.8	1.5	2.2	3.7
Use a Separate Freezer.....	35.1	31.1	27.3	1.3	0.3	Q	2.1
1.....	32.2	28.5	24.8	1.3	0.3	Q	2.0
2 or More.....	2.9	2.6	2.5	Q	Q	N	Q
<b>Most-Used Freezer Defrost Method</b>							
Frost-Free.....	14.3	12.4	10.7	0.4	Q	Q	1.1
Manual.....	20.8	18.6	16.5	0.9	Q	Q	1.0
<b>Type of Most-Used Freezer</b>							
Upright.....	17.0	15.6	13.7	0.9	Q	Q	0.8
Chest.....	18.1	15.4	13.6	0.4	Q	N	1.3

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<b>Age of Most-Used Freezer</b>							
Less than 2 Years.....	3.5	2.9	2.6	Q	Q	N	Q
2 to 4 Years.....	6.0	5.1	4.2	Q	Q	N	0.6
5 to 9 Years.....	7.8	6.9	5.9	0.5	Q	Q	0.4
10 to 19 Years.....	9.3	8.5	7.4	0.3	Q	N	0.7
20 Years or More.....	7.6	7.1	6.6	Q	Q	Q	0.2
Don't Know.....	0.7	0.6	0.5	Q	N	N	Q
<b>Size of Most-Used Freezer</b>							
Very Small (Less than 11 cf).....	3.1	2.6	2.1	Q	Q	N	0.3
Small (11-14 cf).....	8.9	7.8	6.6	0.4	Q	N	0.7
Medium (15-18 cf).....	12.7	10.9	9.6	0.4	Q	Q	0.6
Large (19-22 cf).....	8.0	7.5	6.9	0.3	Q	Q	0.3
Very Large (More than 22 cf).....	2.5	2.3	2.1	Q	N	N	Q
<b>Other Kitchen Appliances</b>							
<b>Dishwasher</b>							
Yes.....	64.7	52.5	44.8	2.8	0.9	1.7	2.4
No.....	46.4	25.6	19.3	1.4	1.0	0.6	3.4
<b>Age of Dishwasher</b>							
Less than 2 Years.....	11.5	9.5	8.3	0.7	Q	Q	0.3
2 to 4 Years.....	14.6	12.3	10.5	0.6	Q	0.4	0.6
5 to 9 Years.....	19.2	15.9	13.7	0.7	0.3	0.4	0.8
10 to 19 Years.....	12.8	11.0	9.1	0.7	Q	0.5	0.6
20 Years or More.....	3.3	2.5	2.0	Q	Q	Q	Q
Don't Know.....	3.3	1.4	1.1	Q	Q	Q	Q
<b>Electric Coffee Maker</b>							
Yes.....	67.2	51.4	43.6	2.4	0.9	1.0	3.5
No.....	43.9	26.7	20.4	1.8	0.9	1.3	2.3
<b>Electric Toaster Oven</b>							
Yes.....	37.3	27.9	22.9	1.4	0.9	1.1	1.7
No.....	73.8	50.2	41.2	2.8	1.0	1.3	4.0
<b>Microwave Oven</b>							
Yes.....	97.7	70.7	58.2	3.8	1.5	2.0	5.2
No.....	13.4	7.4	5.9	0.3	0.3	Q	0.6
<b>Clothes Washers and Dryers</b>							
<b>Clothes Washer</b>							
Do Not Use a Clothes Washer.....	19.3	3.6	1.8	Q	Q	0.8	0.6
Use a Clothes Washer.....	91.8	74.5	62.3	3.9	1.6	1.5	5.1
Top Loading.....	84.1	67.4	56.1	3.6	1.5	1.4	4.9
Front Loading.....	7.7	7.0	6.2	0.3	Q	Q	Q
<b>Age of Clothes Washer</b>							
Less than 2 Years.....	15.7	12.7	10.1	0.8	0.4	0.4	0.9
2 to 4 Years.....	21.1	16.7	13.8	1.0	0.3	0.4	1.2
5 to 9 Years.....	28.9	23.9	20.7	1.1	0.3	Q	1.5
10 to 19 Years.....	19.9	16.7	14.4	0.6	0.4	Q	1.0
20 Years or More.....	4.1	3.3	2.7	Q	Q	Q	Q
Don't Know.....	2.2	1.1	0.6	Q	Q	Q	0.3

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<b>Clothes Dryer</b>							
Do Not Use a Clothes Dryer.....	23.6	6.1	3.3	Q	0.4	0.9	1.1
Use a Clothes Dryer.....	87.5	72.0	60.8	3.7	1.4	1.4	4.7
Electric.....	67.2	54.1	45.5	2.4	1.0	1.0	4.2
Natural Gas.....	19.4	17.1	14.5	1.3	0.4	0.4	0.4
Propane/LPG.....	0.9	0.8	0.7	N	N	N	Q
<b>Age of Clothes Dryer</b>							
Less than 2 Years.....	14.0	11.1	8.9	0.7	0.4	0.3	0.8
2 to 4 Years.....	18.7	14.9	12.5	0.9	0.2	0.3	1.1
5 to 9 Years.....	27.9	23.4	20.3	0.9	0.3	0.4	1.5
10 to 19 Years.....	19.5	16.8	14.6	0.7	0.4	Q	0.9
20 Years or More.....	5.1	4.6	3.9	0.3	Q	Q	Q
Don't Know.....	2.3	1.2	0.7	Q	Q	Q	0.3
<b>Other Appliances</b>							
Use Ceiling Fans.....	77.2	60.7	51.6	2.7	0.9	1.2	4.2
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
Auto Block/Engine/Battery Heater.....	0.8	0.7	0.7	N	Q	N	Q
Electric Dehumidifier.....	13.3	12.1	11.1	0.6	0.3	Q	Q
Electric Humidifier.....	14.2	12.0	10.3	0.8	0.3	Q	0.5
Evaporative/Swamp Cooler.....	3.4	2.6	1.7	Q	Q	N	0.7
Filter Systems in Swimming Pools.....	8.3	7.8	7.8	Q	N	N	N
Heated Aquarium.....	4.2	3.4	3.0	Q	Q	N	Q
Outdoor Gas Light.....	1.3	1.2	1.1	Q	N	N	N
Rechargeable Tools/Appliances.....	54.9	45.5	39.1	1.9	0.7	0.8	2.9
Well Water Pumps.....	14.1	13.1	11.4	Q	Q	N	1.5

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.