

**Table HC10.9 Home Appliances Characteristics by U.S. Census Regions, 2005**  
**Million U.S. Housing Units**

Home Appliances Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
<b>Total U.S.</b> .....	111.1	20.6	25.6	40.7	24.2
<b>Cooking Appliances</b>					
<b>Conventional Ovens</b>					
Use an Oven.....	109.6	20.3	25.3	40.2	23.7
1.....	103.3	18.7	24.0	38.2	22.4
2 or More.....	6.2	1.6	1.3	2.1	1.3
Do Not Use an Oven.....	1.5	0.2	0.3	0.5	0.5
<b>Most-Used Oven Fuel</b>					
Electric.....	67.9	9.7	14.7	30.1	13.4
Natural Gas.....	36.4	9.4	9.6	8.1	9.2
Propane/LPG.....	5.2	1.2	1.1	2.0	1.0
<b>Self-Cleaning Oven</b>					
Use a Self-Cleaning Oven.....	62.9	11.1	16.1	22.5	13.1
Continuous.....	9.3	1.9	2.8	3.0	1.6
Manual Start.....	53.6	9.3	13.3	19.5	11.5
Do Not Use a Self-Cleaning Oven.....	46.7	9.2	9.2	17.7	10.5
<b>Cooking Ranges</b>					
Use a Cooking Range.....	109.8	20.4	25.5	40.2	23.7
1.....	105.5	19.1	24.6	38.9	23.0
2 or More.....	4.3	1.3	0.9	1.4	0.7
Do Not Use a Cooking Range.....	1.2	Q	Q	0.5	0.5
<b>Most-Used Cooking Range Fuel</b>					
Electric.....	65.2	9.4	14.4	29.0	12.4
Natural Gas.....	39.0	9.8	10.0	9.0	10.2
Propane/LPG.....	5.6	1.3	1.1	2.1	1.1
<b>Built-in/Stove-top Grills</b>					
Use a Built-in/Stove-top Grill.....	4.9	1.8	0.7	1.2	1.1
Do Not Use a Built-in/Stove-top Grill.....	106.2	18.8	24.9	39.5	23.1
<b>Built-in/Stove-top Grill Fuel</b>					
Electric.....	2.5	0.3	0.6	0.9	0.7
Natural Gas.....	2.2	1.5	Q	Q	0.4
Propane/LPG.....	Q	Q	Q	Q	Q
<b>Refrigerators</b>					
Use a Refrigerator.....	111.0	20.6	25.6	40.6	24.2
1.....	86.3	16.3	18.5	32.7	18.9
2 or More.....	24.6	4.3	7.1	8.0	5.3
Do Not Use a Refrigerator.....	Q	Q	Q	Q	N
<b>Most-Used Refrigerator Defrost Method</b>					
Frost-Free.....	102.8	18.5	23.9	38.2	22.2
Manual.....	8.0	2.0	1.7	2.4	1.9
<b>Type of Most-Used Refrigerator</b>					
2-Doors (top and bottom).....	64.6	13.1	16.2	22.6	12.7
2-Doors (side-by-side).....	33.0	4.4	6.8	13.8	8.1
Full-Size (single door).....	12.1	2.8	2.4	4.1	2.9
Half-Size/Other.....	1.0	0.2	Q	Q	0.5

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<b>Age of Most-Used Refrigerator</b>					
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
<b>Size of Most-Used Refrigerator</b>					
Very Small (Less than 11 cf).....	0.7	Q	Q	Q	0.3
Small (11-14 cf).....	5.4	1.4	1.2	1.8	1.0
Medium (15-18 cf).....	53.8	11.4	12.2	19.4	10.8
Large (19-22 cf).....	42.7	6.5	10.1	16.3	9.8
Very Large (More than 22 cf).....	8.5	1.2	2.0	2.9	2.4
<b>Through-the-Door Ice and Water Service</b>					
Yes.....	29.8	3.6	5.9	12.7	7.6
No.....	81.1	17.0	19.7	27.9	16.6
<b>Second Refrigerator</b>					
Use a Second Refrigerator.....	24.6	4.3	7.1	8.0	5.3
Do Not Use a Second Refrigerator.....	86.3	16.3	18.5	32.7	18.9
<b>Type of Second Refrigerator</b>					
2-Doors (top and bottom).....	7.5	1.7	2.6	1.9	1.3
2-Doors (side-by-side).....	8.6	1.1	2.2	3.1	2.2
Full-Size (single door).....	2.8	0.5	0.6	1.0	0.7
Half-Size/Other.....	5.1	0.9	1.4	1.7	1.1
<b>Age of Second Refrigerator</b>					
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
<b>Size of Second Refrigerator</b>					
Very Small (Less than 11 cf).....	3.4	0.7	0.9	1.0	0.8
Small (11-14 cf).....	3.6	0.7	1.1	1.2	0.6
Medium (15-18 cf).....	10.5	1.8	2.9	3.7	2.0
Large (19-22 cf).....	6.2	1.0	2.0	1.7	1.5
Very Large (More than 22 cf).....	1.0	Q	Q	0.5	0.3
<b>Separate Freezers</b>					
Do Not Use a Separate Freezer.....	76.0	16.2	15.4	27.1	17.2
Use a Separate Freezer.....	35.1	4.4	10.2	13.6	7.0
1.....	32.2	4.1	9.1	12.5	6.4
2 or More.....	2.9	0.2	1.0	1.0	0.6
<b>Most-Used Freezer Defrost Method</b>					
Frost-Free.....	14.3	1.5	3.7	6.2	2.8
Manual.....	20.8	2.8	6.5	7.4	4.1
<b>Type of Most-Used Freezer</b>					
Upright.....	17.0	2.3	4.7	5.6	4.5
Chest.....	18.1	2.1	5.5	8.0	2.5

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<b>Age of Most-Used Freezer</b>					
Less than 2 Years.....	3.5	0.4	1.0	1.5	0.7
2 to 4 Years.....	6.0	0.6	1.5	2.6	1.3
5 to 9 Years.....	7.8	0.9	2.4	3.3	1.2
10 to 19 Years.....	9.3	1.5	2.4	3.7	1.7
20 Years or More.....	7.6	0.9	2.8	2.1	1.8
Don't Know.....	0.7	Q	Q	0.4	Q
<b>Size of Most-Used Freezer</b>					
Very Small (Less than 11 cf).....	3.1	0.3	1.2	0.9	0.7
Small (11-14 cf).....	8.9	1.4	2.0	3.9	1.6
Medium (15-18 cf).....	12.7	1.7	3.7	4.9	2.4
Large (19-22 cf).....	8.0	0.8	2.3	3.2	1.7
Very Large (More than 22 cf).....	2.5	Q	1.1	0.6	0.6
<b>Other Kitchen Appliances</b>					
<b>Dishwasher</b>					
Yes.....	64.7	10.3	14.7	25.0	14.7
No.....	46.4	10.3	10.9	15.7	9.5
<b>Age of Dishwasher</b>					
Less than 2 Years.....	11.5	1.8	2.5	4.3	2.8
2 to 4 Years.....	14.6	2.0	3.3	6.1	3.2
5 to 9 Years.....	19.2	2.9	4.7	7.0	4.5
10 to 19 Years.....	12.8	2.5	2.8	4.7	2.8
20 Years or More.....	3.3	0.8	0.6	1.4	0.5
Don't Know.....	3.3	0.3	0.8	1.4	0.8
<b>Electric Coffee Maker</b>					
Yes.....	67.2	12.0	16.2	25.2	13.7
No.....	43.9	8.6	9.4	15.5	10.5
<b>Electric Toaster Oven</b>					
Yes.....	37.3	9.0	6.5	13.7	8.1
No.....	73.8	11.6	19.1	27.0	16.1
<b>Microwave Oven</b>					
Yes.....	97.7	17.6	23.2	35.2	21.7
No.....	13.4	3.0	2.4	5.5	2.5
<b>Clothes Washers and Dryers</b>					
<b>Clothes Washer</b>					
Do Not Use a Clothes Washer.....	19.3	5.2	3.6	5.9	4.6
Use a Clothes Washer.....	91.8	15.4	22.0	34.8	19.6
Top Loading.....	84.1	14.0	20.2	32.7	17.2
Front Loading.....	7.7	1.4	1.8	2.1	2.4
<b>Age of Clothes Washer</b>					
Less than 2 Years.....	15.7	2.8	3.2	5.7	4.1
2 to 4 Years.....	21.1	3.4	4.0	8.7	4.9
5 to 9 Years.....	28.9	4.6	7.0	11.6	5.7
10 to 19 Years.....	19.9	3.4	6.3	6.5	3.6
20 Years or More.....	4.1	0.9	1.1	1.4	0.7
Don't Know.....	2.2	0.3	0.4	1.0	0.5

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<b>Clothes Dryer</b>					
Do Not Use a Clothes Dryer.....	23.6	6.8	3.9	7.5	5.4
Use a Clothes Dryer.....	87.5	13.7	21.7	33.2	18.8
Electric.....	67.2	9.2	14.9	30.7	12.5
Natural Gas.....	19.4	4.4	6.4	2.3	6.2
Propane/LPG.....	0.9	Q	0.4	Q	Q
<b>Age of Clothes Dryer</b>					
Less than 2 Years.....	14.0	2.1	3.2	5.2	3.5
2 to 4 Years.....	18.7	2.8	3.8	7.8	4.3
5 to 9 Years.....	27.9	4.1	7.0	10.8	5.9
10 to 19 Years.....	19.5	3.1	5.7	7.0	3.7
20 Years or More.....	5.1	1.2	1.6	1.5	0.9
Don't Know.....	2.3	0.3	0.5	1.0	0.5
<b>Other Appliances</b>					
Use Ceiling Fans.....	77.2	11.1	19.3	32.3	14.5
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
Auto Block/Engine/Battery Heater.....	0.8	Q	0.4	N	0.2
Electric Dehumidifier.....	13.3	4.1	6.1	2.7	0.3
Electric Humidifier.....	14.2	3.0	6.0	3.2	1.9
Evaporative/Swamp Cooler.....	3.4	N	Q	Q	3.3
Filter Systems in Swimming Pools.....	8.3	1.6	1.5	3.1	2.2
Heated Aquarium.....	4.2	0.7	1.0	1.6	0.8
Outdoor Gas Light.....	1.3	Q	0.3	0.6	Q
Rechargeable Tools/Appliances.....	54.9	8.4	13.6	20.2	12.6
Well Water Pumps.....	14.1	2.9	3.6	5.7	1.8

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.