

Table HC8.9 Home Appliances Characteristics by Urban/Rural Location, 2005
Million U.S. Housing Units

Home Appliances Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Total U.S.	111.1	47.1	19.0	22.7	22.3
Cooking Appliances					
Conventional Ovens					
Use an Oven.....	109.6	46.2	18.8	22.5	22.1
1.....	103.3	44.1	17.8	21.2	20.2
2 or More.....	6.2	2.1	1.0	1.3	1.9
Do Not Use an Oven.....	1.5	1.0	Q	0.2	Q
Most-Used Oven Fuel					
Electric.....	67.9	26.8	11.5	14.4	15.1
Natural Gas.....	36.4	19.2	6.9	7.6	2.7
Propane/LPG.....	5.2	0.2	0.4	0.4	4.2
Self-Cleaning Oven					
Use a Self-Cleaning Oven.....	62.9	22.5	10.8	15.7	13.9
Continuous.....	9.3	4.0	1.5	2.2	1.6
Manual Start.....	53.6	18.4	9.3	13.5	12.4
Do Not Use a Self-Cleaning Oven.....	46.7	23.7	8.0	6.8	8.2
Cooking Ranges					
Use a Cooking Range.....	109.8	46.3	18.9	22.5	22.1
1.....	105.5	44.7	18.1	21.8	20.9
2 or More.....	4.3	1.6	0.7	0.7	1.3
Do Not Use a Cooking Range.....	1.2	0.8	Q	Q	Q
Most-Used Cooking Range Fuel					
Electric.....	65.2	26.0	11.2	13.4	14.6
Natural Gas.....	39.0	20.1	7.3	8.7	2.9
Propane/LPG.....	5.6	0.2	0.4	0.5	4.5
Built-in/Stove-top Grills					
Use a Built-in/Stove-top Grill.....	4.9	1.8	1.2	1.0	0.8
Do Not Use a Built-in/Stove-top Grill.....	106.2	45.4	17.7	21.6	21.5
Built-in/Stove-top Grill Fuel					
Electric.....	2.5	0.7	0.5	0.7	0.6
Natural Gas.....	2.2	1.1	Q	Q	Q
Propane/LPG.....	Q	N	N	Q	Q
Refrigerators					
Use a Refrigerator.....	111.0	47.1	19.0	22.6	22.3
1.....	86.3	39.3	14.6	16.2	16.2
2 or More.....	24.6	7.8	4.3	6.5	6.0
Do Not Use a Refrigerator.....	Q	N	N	Q	Q
Most-Used Refrigerator Defrost Method					
Frost-Free.....	102.8	42.8	17.4	21.7	20.9
Manual.....	8.0	4.2	1.5	0.9	1.3
Type of Most-Used Refrigerator					
2-Doors (top and bottom).....	64.6	29.8	11.2	11.4	12.1
2-Doors (side-by-side).....	33.0	10.8	5.2	8.7	8.3
Full-Size (single door).....	12.1	5.9	2.4	2.2	1.6
Half-Size/Other.....	1.0	0.5	Q	Q	Q

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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
Size of Most-Used Refrigerator					
Very Small (Less than 11 cf).....	0.7	0.5	Q	Q	Q
Small (11-14 cf).....	5.4	2.8	1.1	0.7	0.8
Medium (15-18 cf).....	53.8	25.2	9.2	9.7	9.7
Large (19-22 cf).....	42.7	16.2	7.2	9.5	9.9
Very Large (More than 22 cf).....	8.5	2.5	1.4	2.7	1.8
Through-the-Door Ice and Water Service					
Yes.....	29.8	9.8	4.6	8.0	7.4
No.....	81.1	37.3	14.4	14.6	14.9
Second Refrigerator					
Use a Second Refrigerator.....	24.6	7.8	4.3	6.5	6.0
Do Not Use a Second Refrigerator.....	86.3	39.3	14.6	16.2	16.2
Type of Second Refrigerator					
2-Doors (top and bottom).....	7.5	2.7	1.4	1.9	1.5
2-Doors (side-by-side).....	8.6	2.4	1.3	2.5	2.3
Full-Size (single door).....	2.8	0.8	0.5	0.6	1.0
Half-Size/Other.....	5.1	1.7	0.9	1.5	0.9
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
Size of Second Refrigerator					
Very Small (Less than 11 cf).....	3.4	1.1	0.7	0.8	0.7
Small (11-14 cf).....	3.6	1.2	0.7	0.8	0.8
Medium (15-18 cf).....	10.5	3.3	1.7	2.6	3.0
Large (19-22 cf).....	6.2	1.8	1.2	1.9	1.3
Very Large (More than 22 cf).....	1.0	0.3	Q	0.3	Q
Separate Freezers					
Do Not Use a Separate Freezer.....	76.0	37.0	13.1	15.9	10.0
Use a Separate Freezer.....	35.1	10.1	5.9	6.7	12.3
1.....	32.2	9.4	5.4	6.5	10.9
2 or More.....	2.9	0.7	0.5	0.3	1.4
Most-Used Freezer Defrost Method					
Frost-Free.....	14.3	4.5	2.2	2.5	5.1
Manual.....	20.8	5.6	3.7	4.3	7.2
Type of Most-Used Freezer					
Upright.....	17.0	4.8	3.0	3.8	5.5
Chest.....	18.1	5.4	2.9	3.0	6.8

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Age of Most-Used Freezer					
Less than 2 Years.....	3.5	1.1	0.7	0.8	1.0
2 to 4 Years.....	6.0	1.9	1.0	1.1	1.9
5 to 9 Years.....	7.8	2.2	1.3	1.7	2.6
10 to 19 Years.....	9.3	2.5	1.6	1.8	3.4
20 Years or More.....	7.6	2.3	1.2	1.2	3.0
Don't Know.....	0.7	0.2	Q	Q	0.3
Size of Most-Used Freezer					
Very Small (Less than 11 cf).....	3.1	1.1	0.6	0.6	0.8
Small (11-14 cf).....	8.9	2.5	1.7	1.7	3.0
Medium (15-18 cf).....	12.7	3.6	2.0	2.6	4.5
Large (19-22 cf).....	8.0	2.3	1.1	1.4	3.2
Very Large (More than 22 cf).....	2.5	0.7	0.5	0.5	0.8
Other Kitchen Appliances					
Dishwasher					
Yes.....	64.7	23.7	10.7	17.2	13.2
No.....	46.4	23.4	8.3	5.5	9.2
Age of Dishwasher					
Less than 2 Years.....	11.5	4.1	1.8	3.1	2.5
2 to 4 Years.....	14.6	4.8	2.2	4.6	3.0
5 to 9 Years.....	19.2	6.4	3.4	4.9	4.5
10 to 19 Years.....	12.8	5.0	2.4	2.9	2.5
20 Years or More.....	3.3	1.5	0.6	0.8	0.5
Don't Know.....	3.3	1.8	0.4	0.9	Q
Electric Coffee Maker					
Yes.....	67.2	24.8	12.0	14.5	15.9
No.....	43.9	22.3	7.0	8.1	6.5
Electric Toaster Oven					
Yes.....	37.3	15.5	6.6	8.6	6.6
No.....	73.8	31.7	12.3	14.0	15.8
Microwave Oven					
Yes.....	97.7	40.3	17.2	20.5	19.7
No.....	13.4	6.9	1.8	2.1	2.6
Clothes Washers and Dryers					
Clothes Washer					
Do Not Use a Clothes Washer.....	19.3	11.9	3.3	2.6	1.6
Use a Clothes Washer.....	91.8	35.2	15.7	20.1	20.8
Top Loading.....	84.1	32.8	14.7	17.8	18.8
Front Loading.....	7.7	2.4	1.0	2.3	1.9
Age of Clothes Washer					
Less than 2 Years.....	15.7	6.3	2.7	3.4	3.3
2 to 4 Years.....	21.1	8.4	3.2	4.8	4.7
5 to 9 Years.....	28.9	11.0	4.9	6.1	6.9
10 to 19 Years.....	19.9	6.9	3.6	4.7	4.7
20 Years or More.....	4.1	1.5	1.0	0.7	0.8
Don't Know.....	2.2	1.2	0.3	0.4	0.4

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Home Appliances Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
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Clothes Dryer					
Do Not Use a Clothes Dryer.....	23.6	14.1	4.0	3.0	2.5
Use a Clothes Dryer.....	87.5	33.0	15.0	19.7	19.8
Electric.....	67.2	24.5	11.3	13.7	17.7
Natural Gas.....	19.4	8.5	3.6	5.9	1.4
Propane/LPG.....	0.9	Q	Q	Q	0.8
Age of Clothes Dryer					
Less than 2 Years.....	14.0	5.6	2.4	3.0	3.1
2 to 4 Years.....	18.7	7.3	3.0	4.4	4.0
5 to 9 Years.....	27.9	10.3	4.9	6.0	6.7
10 to 19 Years.....	19.5	7.0	3.4	4.7	4.4
20 Years or More.....	5.1	1.6	0.9	1.2	1.3
Don't Know.....	2.3	1.2	0.3	0.4	0.4
Other Appliances					
Use Ceiling Fans.....	77.2	29.7	12.7	17.2	17.6
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
Auto Block/Engine/Battery Heater.....	0.8	Q	Q	Q	0.4
Electric Dehumidifier.....	13.3	3.8	2.7	3.7	3.1
Electric Humidifier.....	14.2	4.0	2.6	4.1	3.6
Evaporative/Swamp Cooler.....	3.4	1.8	0.3	0.4	0.8
Filter Systems in Swimming Pools.....	8.3	2.5	1.1	2.7	2.0
Heated Aquarium.....	4.2	1.8	0.7	0.9	0.8
Outdoor Gas Light.....	1.3	0.3	0.2	0.5	Q
Rechargeable Tools/Appliances.....	54.9	19.9	8.4	13.4	13.2
Well Water Pumps.....	14.1	1.2	1.2	1.2	10.4

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.