

Table HC2.9 Home Appliances Characteristics by Type of Housing Unit, 2005
Million U.S. Housing Units

Home Appliances Characteristics	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 U.S.	111.1	72.1	7.6	7.8	16.7	6.9
Cooking Appliances						
Conventional Ovens						
Use an Oven.....	109.6	71.3	7.4	7.7	16.4	6.8
1.....	103.3	66.2	7.2	7.4	15.9	6.7
2 or More.....	6.2	5.1	Q	0.3	0.5	Q
Do Not Use an Oven.....	1.5	0.7	Q	Q	0.4	Q
Most-Used Oven Fuel						
Electric.....	67.9	45.5	4.4	3.7	10.7	3.7
Natural Gas.....	36.4	22.0	3.0	3.9	5.6	1.8
Propane/LPG.....	5.2	3.8	Q	Q	Q	1.3
Self-Cleaning Oven						
Use a Self-Cleaning Oven.....	62.9	49.2	3.9	2.6	5.1	2.1
Continuous.....	9.3	7.2	0.8	0.3	0.9	Q
Manual Start.....	53.6	42.0	3.1	2.3	4.2	1.9
Do Not Use a Self-Cleaning Oven.....	46.7	22.1	3.5	5.1	11.3	4.7
Cooking Ranges						
Use a Cooking Range.....	109.8	71.5	7.4	7.7	16.4	6.7
1.....	105.5	68.3	7.2	7.4	16.0	6.7
2 or More.....	4.3	3.2	Q	0.3	0.5	Q
Do Not Use a Cooking Range.....	1.2	0.5	Q	Q	0.3	Q
Most-Used Cooking Range Fuel						
Electric.....	65.2	42.9	4.3	3.8	10.6	3.6
Natural Gas.....	39.0	24.4	3.1	3.9	5.7	1.8
Propane/LPG.....	5.6	4.2	Q	Q	Q	1.3
Built-in/Stove-top Grills						
Use a Built-in/Stove-top Grill.....	4.9	3.5	0.3	Q	0.6	Q
Do Not Use a Built-in/Stove-top Grill.....	106.2	68.5	7.3	7.5	16.1	6.8
Built-in/Stove-top Grill Fuel						
Electric.....	2.5	2.2	Q	N	Q	Q
Natural Gas.....	2.2	1.2	Q	Q	0.5	Q
Propane/LPG.....	Q	Q	N	N	N	N
Refrigerators						
Use a Refrigerator.....	111.0	71.9	7.6	7.8	16.7	6.9
1.....	86.3	50.4	6.1	7.2	16.3	6.4
2 or More.....	24.6	21.6	1.5	0.6	0.4	0.5
Do Not Use a Refrigerator.....	Q	Q	N	N	N	N
Most-Used Refrigerator Defrost Method						
Frost-Free.....	102.8	68.7	6.6	6.8	14.7	6.1
Manual.....	8.0	3.2	1.0	1.0	2.1	0.7
Type of Most-Used Refrigerator						
2-Doors (top and bottom).....	64.6	35.8	5.1	5.9	12.8	5.0
2-Doors (side-by-side).....	33.0	29.0	1.4	0.6	1.0	1.1
Full-Size (single door).....	12.1	6.6	0.9	1.2	2.7	0.8
Half-Size/Other.....	1.0	0.4	Q	Q	Q	Q

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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
Size of Most-Used Refrigerator						
Very Small (Less than 11 cf).....	0.7	0.3	Q	Q	Q	Q
Small (11-14 cf).....	5.4	2.1	0.4	0.6	1.9	0.3
Medium (15-18 cf).....	53.8	29.4	4.4	4.8	11.0	4.1
Large (19-22 cf).....	42.7	32.3	2.3	2.2	3.5	2.4
Very Large (More than 22 cf).....	8.5	7.8	0.3	Q	Q	Q
Through-the-Door Ice and Water Service						
Yes.....	29.8	26.3	1.1	0.5	0.9	1.0
No.....	81.1	45.6	6.5	7.2	15.9	5.9
Second Refrigerator						
Use a Second Refrigerator.....	24.6	21.6	1.5	0.6	0.4	0.5
Do Not Use a Second Refrigerator.....	86.3	50.4	6.1	7.2	16.3	6.4
Type of Second Refrigerator						
2-Doors (top and bottom).....	7.5	6.6	0.5	Q	Q	Q
2-Doors (side-by-side).....	8.6	8.0	0.4	Q	N	Q
Full-Size (single door).....	2.8	2.4	Q	Q	Q	Q
Half-Size/Other.....	5.1	3.7	0.6	Q	0.4	Q
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
Size of Second Refrigerator						
Very Small (Less than 11 cf).....	3.4	2.5	0.4	Q	Q	Q
Small (11-14 cf).....	3.6	2.8	0.3	Q	Q	Q
Medium (15-18 cf).....	10.5	9.4	0.6	Q	Q	0.3
Large (19-22 cf).....	6.2	5.9	Q	Q	Q	Q
Very Large (More than 22 cf).....	1.0	1.0	N	N	N	N
Separate Freezers						
Do Not Use a Separate Freezer.....	76.0	42.6	5.7	7.0	16.0	4.7
Use a Separate Freezer.....	35.1	29.5	1.9	0.7	0.7	2.3
1.....	32.2	26.8	1.9	0.7	0.7	2.2
2 or More.....	2.9	2.7	Q	Q	N	Q
Most-Used Freezer Defrost Method						
Frost-Free.....	14.3	11.9	0.7	Q	0.3	1.2
Manual.....	20.8	17.6	1.2	0.5	0.5	1.1
Type of Most-Used Freezer						
Upright.....	17.0	14.5	1.1	Q	0.3	0.9
Chest.....	18.1	15.0	0.8	0.6	0.4	1.4

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Age of Most-Used Freezer						
Less than 2 Years.....	3.5	2.8	0.2	Q	Q	Q
2 to 4 Years.....	6.0	4.8	0.3	Q	Q	0.6
5 to 9 Years.....	7.8	6.5	0.5	Q	0.2	0.4
10 to 19 Years.....	9.3	7.9	0.6	Q	Q	0.7
20 Years or More.....	7.6	6.9	0.2	Q	Q	0.3
Don't Know.....	0.7	0.6	Q	Q	N	Q
Size of Most-Used Freezer						
Very Small (Less than 11 cf).....	3.1	2.3	Q	Q	Q	0.3
Small (11-14 cf).....	8.9	7.1	0.5	0.2	0.2	0.8
Medium (15-18 cf).....	12.7	10.6	0.7	0.4	0.3	0.7
Large (19-22 cf).....	8.0	7.2	0.3	Q	Q	0.3
Very Large (More than 22 cf).....	2.5	2.2	Q	N	N	Q
Other Kitchen Appliances						
Dishwasher						
Yes.....	64.7	48.0	4.2	2.4	7.4	2.7
No.....	46.4	24.1	3.4	5.3	9.3	4.3
Age of Dishwasher						
Less than 2 Years.....	11.5	9.1	0.9	0.2	0.8	0.4
2 to 4 Years.....	14.6	11.1	0.8	0.5	1.5	0.6
5 to 9 Years.....	19.2	14.4	1.0	0.8	2.1	0.9
10 to 19 Years.....	12.8	9.7	0.9	0.4	1.2	0.6
20 Years or More.....	3.3	2.3	Q	Q	0.6	Q
Don't Know.....	3.3	1.4	0.3	0.4	1.2	Q
Electric Coffee Maker						
Yes.....	67.2	48.4	4.2	3.4	7.1	4.0
No.....	43.9	23.7	3.4	4.3	9.6	2.9
Electric Toaster Oven						
Yes.....	37.3	25.0	2.3	2.6	5.5	2.0
No.....	73.8	47.1	5.3	5.2	11.3	5.0
Microwave Oven						
Yes.....	97.7	65.3	6.6	6.3	13.3	6.2
No.....	13.4	6.8	1.0	1.5	3.5	0.7
Clothes Washers and Dryers						
Clothes Washer						
Do Not Use a Clothes Washer.....	19.3	2.8	0.9	3.5	11.1	1.0
Use a Clothes Washer.....	91.8	69.3	6.7	4.2	5.6	6.0
Top Loading.....	84.1	62.8	6.3	3.9	5.3	5.8
Front Loading.....	7.7	6.4	0.4	0.3	0.3	Q
Age of Clothes Washer						
Less than 2 Years.....	15.7	11.4	1.3	0.8	1.1	1.0
2 to 4 Years.....	21.1	15.2	1.8	1.1	1.5	1.4
5 to 9 Years.....	28.9	22.9	1.7	0.9	1.6	1.8
10 to 19 Years.....	19.9	15.9	1.1	0.9	0.9	1.2
20 Years or More.....	4.1	3.0	0.3	0.2	0.3	0.2
Don't Know.....	2.2	0.8	0.4	0.3	0.3	0.4

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Clothes Dryer						
Do Not Use a Clothes Dryer.....	23.6	4.8	1.4	3.9	12.0	1.4
Use a Clothes Dryer.....	87.5	67.3	6.2	3.8	4.8	5.5
Electric.....	67.2	50.8	4.5	3.1	3.9	4.9
Natural Gas.....	19.4	15.6	1.7	0.7	0.9	0.5
Propane/LPG.....	0.9	0.8	N	N	N	Q
Age of Clothes Dryer						
Less than 2 Years.....	14.0	10.1	1.2	0.8	1.0	0.9
2 to 4 Years.....	18.7	13.8	1.5	0.9	1.2	1.2
5 to 9 Years.....	27.9	22.3	1.5	0.9	1.5	1.8
10 to 19 Years.....	19.5	15.8	1.1	0.8	0.7	1.0
20 Years or More.....	5.1	4.2	0.5	Q	Q	0.2
Don't Know.....	2.3	1.1	0.3	0.3	0.3	0.4
Other Appliances						
Use Ceiling Fans.....	77.2	57.3	4.3	3.7	7.1	4.8
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
Auto Block/Engine/Battery Heater.....	0.8	0.7	Q	Q	N	Q
Electric Dehumidifier.....	13.3	11.7	0.8	0.5	0.3	Q
Electric Humidifier.....	14.2	10.9	1.1	0.5	1.3	0.5
Evaporative/Swamp Cooler.....	3.4	2.0	0.2	Q	Q	0.9
Filter Systems in Swimming Pools.....	8.3	8.2	Q	N	N	N
Heated Aquarium.....	4.2	3.2	Q	Q	0.4	Q
Outdoor Gas Light.....	1.3	1.2	Q	N	N	N
Rechargeable Tools/Appliances.....	54.9	42.7	3.0	2.0	3.9	3.3
Well Water Pumps.....	14.1	12.2	Q	Q	N	1.6

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.