

**Table HC5-5a. Appliances by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001**

Appliance Types and Characteristics	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	3.1	1.3	
Total	72.7	63.2	2.1	1.8	5.7	6.7
Kitchen Appliances						
Cooking Appliances						
Oven	68.3	59.1	2.0	1.7	5.4	7.0
1	62.9	54.1	2.0	1.6	5.2	7.1
2 or More	5.4	5.0	Q	Q	0.2	22.1
Most Used Oven	68.3	59.1	2.0	1.7	5.4	7.0
Electric	43.8	38.3	1.2	1.3	3.0	10.2
Natural Gas	20.7	18.0	0.9	0.4	1.4	12.2
LPG	3.7	2.7	Q	Q	1.0	25.7
Other	Q	Q	Q	Q	Q	NF
Most Used Self-Cleaning Oven	40.4	36.8	1.1	1.1	1.4	9.9
Continuous	9.2	8.2	0.4	Q	0.4	20.6
Manual Start	31.2	28.6	0.8	0.9	1.0	11.2
Range	71.9	62.4	2.0	1.8	5.7	6.7
1	67.9	58.8	2.0	1.7	5.4	6.8
2 or More	4.0	3.7	Q	Q	0.2	24.5
Most Used Range	71.9	62.4	2.0	1.8	5.7	6.7
Electric	44.9	39.3	1.2	1.3	3.1	10.2
Natural Gas	23.1	20.3	0.9	0.4	1.5	12.1
LPG	4.0	2.9	Q	Q	1.1	26.0
Other	Q	Q	Q	Q	Q	NF
Built-in/Stove-top Grill	2.2	2.0	Q	Q	Q	40.1
Electric	1.3	1.2	Q	Q	Q	45.3
Natural Gas	0.7	0.6	Q	Q	Q	59.4
LPG	Q	Q	Q	Q	Q	NF
Other	Q	Q	Q	Q	Q	NF
Refrigerators and Freezers						
Refrigerators	72.7	63.2	2.1	1.8	5.7	6.6
1	56.2	47.3	1.9	1.7	5.3	7.1
2 or More	16.4	15.8	Q	Q	0.4	13.6
Most-Used Refrigerator						
Defrost Method						
Frost-Free	68.4	60.2	1.8	1.6	4.8	7.0
Manual	4.3	2.9	0.2	Q	0.9	20.1
Type of Refrigerator						
2-Doors (top and bottom)	44.5	37.7	1.5	1.5	3.8	7.7
2-Doors (side-by-side)	24.6	22.7	0.4	Q	1.2	11.9
Regular (single door)	3.1	2.4	Q	Q	0.5	26.3
Half-Size/Other	0.5	0.4	Q	Q	Q	72.3

See footnotes at end of table.

Table HC5-5a. Appliances by Type of Owner-Occupied Housing Unit, Million U.S. Households, 2001 (Continued)

Appliance Types and Characteristics	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	3.1	1.3	
Age of Refrigerator						
Less than 2 Years	10.3	8.9	Q	Q	1.0	15.6
2 to 4 Years	14.3	12.4	0.5	Q	1.1	14.1
5 to 9 Years	22.4	19.9	0.6	0.4	1.5	9.9
10 to 19 Years	19.9	17.3	0.6	0.6	1.5	11.2
20 Years or More	4.6	3.7	Q	Q	0.4	21.7
Don't Know	1.3	0.9	Q	Q	Q	50.7
Size of Refrigerator						
Very Small (Less than 11 cf) ...	0.2	Q	Q	Q	Q	98.8
Small (11-14 cf)	2.4	1.7	Q	Q	0.4	29.7
Medium (15-18 cf)	30.9	25.7	1.0	0.9	3.4	8.9
Large (19-22 cf)	34.3	30.9	0.9	0.8	1.8	9.4
Very Large (23 or More cf)	4.9	4.7	Q	Q	Q	27.6
Through-the-Door Ice/Water Service						
Yes	20.6	19.3	0.3	Q	1.0	13.6
No	52.1	43.9	1.8	1.6	4.7	7.5
Freezer (separate)						
1	30.2	27.9	0.3	Q	1.9	10.6
2 or more	27.0	24.9	0.3	Q	1.8	10.4
	3.2	3.0	Q	Q	Q	30.4
Most-Used Freezer						
Defrost Method						
Frost-Free	10.7	10.0	Q	Q	0.5	17.5
Manual	19.4	17.9	Q	Q	1.3	13.0
Type of Freezer						
Upright	16.3	15.3	Q	Q	0.9	13.6
Chest	13.8	12.6	Q	Q	1.0	13.7
Age of Freezer						
Less than 2 Years	2.5	2.3	Q	Q	0.2	32.0
2 to 4 Years	4.0	3.6	Q	Q	0.3	20.9
5 to 9 Years	6.1	5.6	Q	Q	0.4	19.1
10 to 19 Years	10.4	9.7	Q	Q	0.6	18.3
20 Years or More	6.7	6.4	Q	Q	0.3	18.8
Don't Know	0.5	0.4	Q	Q	Q	70.2
Freezer Size						
Very Small (Less than 11 cf)	2.0	1.7	Q	Q	0.3	24.3
Small (11-14 cf)	7.2	6.5	Q	Q	0.6	18.3
Medium (15-18 cf)	11.8	11.1	Q	Q	0.6	15.4
Large (19-22 cf)	7.7	7.2	Q	Q	0.4	18.8
Very Large (23 or More cf)	1.4	1.4	Q	Q	Q	45.0
Other Kitchen Appliances						
Dishwasher	45.7	41.2	0.9	1.3	2.3	9.5
Electric Coffee Makers	50.0	44.0	1.2	1.1	3.7	8.3
Electric Toaster Oven	26.2	22.6	1.0	0.9	1.7	10.8
Microwave Oven	65.6	57.2	1.7	1.4	5.3	7.4

See footnotes at end of table.

**Table HC5-5a. Appliances by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001 (Continued)**

Appliance Types and Characteristics	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	3.1	1.3	
Households With Electric						
Air-Conditioning Equipment	59.5	51.9	1.5	1.5	4.5	8.2
Air Conditioners Not Used	1.2	1.0	Q	Q	Q	45.6
Households Using Electric						
Air-Conditioning ¹	58.2	50.9	1.5	1.4	4.4	8.2
Type of Electric Air-Conditioning Used						
Central Air-Conditioning ²	44.7	39.9	0.8	1.0	3.1	10.5
Without a Heat Pump	35.6	31.8	0.6	0.9	2.4	11.4
With a Heat Pump	9.1	8.1	Q	Q	0.7	28.0
Room Air-Conditioning	13.5	11.0	0.7	0.4	1.3	11.2
1 Unit	6.3	5.2	0.3	Q	0.7	14.8
2 Units	4.8	3.8	0.3	Q	0.6	19.6
3 or More Units	2.4	2.1	Q	Q	Q	36.7
Entertainment						
Color Television Sets						
1	72.2	62.7	2.1	1.8	5.6	6.8
2	15.6	12.2	0.8	0.8	1.8	11.9
3	25.9	22.3	0.7	0.7	2.2	9.0
4	18.2	16.4	0.5	Q	1.1	11.8
5 or More	8.6	8.1	Q	Q	0.4	19.9
5 or More	3.9	3.7	Q	Q	Q	20.9
Large Screen Television Sets						
1	27.4	24.3	0.7	0.6	1.8	11.2
2	20.3	17.8	0.5	0.5	1.4	12.3
3 or More	6.0	5.4	Q	Q	0.4	21.7
3 or More	1.1	1.1	Q	Q	Q	86.6
Cable/Satellite Dish Antennas ...						
Cable Network	58.8	51.7	1.6	1.5	3.9	8.0
Satellite Dish Antenna	46.9	41.3	1.4	1.5	2.7	8.9
Both	10.2	8.9	Q	Q	1.1	14.3
Both	1.7	1.5	Q	Q	Q	43.3
Video Cassette Recorders (VCRs) and DVD Players						
1	66.7	58.5	1.9	1.4	5.0	7.1
2	33.4	28.4	1.4	0.9	2.8	9.2
3 or More	21.4	19.1	0.3	0.4	1.6	11.9
3 or More	11.9	11.0	Q	Q	0.6	18.1
Stereo Equipment						
Portable/Boom Box	55.6	49.4	1.3	1.2	3.8	8.1
Compact Stereo System	17.8	15.8	0.5	0.3	1.2	12.5
Component Stereo System	24.7	21.7	0.6	0.7	1.7	10.3
Other System	27.6	25.2	0.4	0.4	1.5	11.4
Other System	2.2	1.9	Q	Q	Q	31.6
Clothes Washers and Dryers						
Clothes Washer						
Top loading	68.8	61.4	1.7	0.7	5.0	7.6
Front loading	66.6	59.4	1.6	0.7	4.9	7.6
Front loading	2.2	2.0	Q	Q	Q	31.2

See footnotes at end of table.

**Table HC5-5a. Appliances by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001 (Continued)**

Appliance Types and Characteristics	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	3.1	1.3	
Clothes Dryer	65.5	58.7	1.6	0.6	4.6	7.7
Electric	49.9	44.2	1.1	0.6	4.1	9.7
Natural Gas	14.7	13.8	0.4	Q	0.4	19.2
LPG	0.8	0.7	Q	Q	Q	59.8
Water Heater Equipment						
Water Heaters	72.7	63.2	2.1	1.8	5.7	6.7
Electric	26.9	21.4	0.6	0.9	4.0	13.4
For One Housing Unit	26.6	21.3	0.6	0.7	4.0	13.8
For Two or More Units	0.3	Q	Q	Q	Q	102.3
Natural Gas	39.8	36.5	1.2	0.7	1.4	9.9
For One Housing Unit	39.0	36.4	0.9	Q	1.4	10.5
For Two or More Units	0.8	Q	0.3	0.4	Q	22.3
Fuel Oil	3.2	2.7	Q	Q	Q	44.6
For One Housing Unit	2.7	2.7	Q	Q	Q	46.3
For Two or More Units	0.5	Q	Q	Q	Q	103.9
LPG	2.5	2.2	Q	Q	0.3	34.1
Other	0.4	0.3	Q	Q	Q	92.2
No Water Heater	Q	Q	Q	Q	Q	NF
Water Heater (for one housing unit)	71.1	62.9	1.5	1.0	5.7	7.4
Age						
Less than 2 Years	9.1	7.6	0.3	Q	1.0	14.5
2 to 4 Years	14.0	12.4	0.2	Q	1.2	14.8
5 to 9 Years	20.5	18.3	0.4	Q	1.5	11.5
10 to 19 Years	18.1	16.2	0.4	0.3	1.2	14.4
20 Years or More	5.1	4.6	Q	Q	0.5	21.9
Don't Know	2.6	2.2	Q	Q	0.3	26.6
No Separate Heater	1.8	1.6	Q	Q	Q	50.0
No Water Heater	Q	Q	Q	Q	Q	NF
Water Heaters for Two or More Units	1.5	0.2	0.6	0.7	Q	26.5
Size						
Small	7.9	5.4	0.4	0.4	1.8	16.1
Medium	37.1	32.9	0.8	0.5	3.0	9.9
Large	21.4	20.4	0.2	Q	0.7	16.0
Don't Know	1.6	1.4	Q	Q	Q	53.4
No Separate Heater	1.8	1.6	Q	Q	Q	50.0
No Water Heater	Q	Q	Q	Q	Q	NF
Water Heaters for Two or More Units	1.5	0.2	0.6	0.7	Q	26.5
Heaters (other)						
Hot Tub or Spa (heaters)	4.2	4.0	Q	Q	Q	25.0
Electric	3.2	3.0	Q	Q	Q	29.0
Natural Gas	0.9	0.9	Q	Q	Q	54.9
LPG/Other	Q	Q	Q	Q	Q	NF
Portable Space (heaters)	9.7	8.5	Q	Q	0.9	14.1
Electric	8.5	7.5	Q	Q	0.7	14.9
Kerosene	1.4	1.2	Q	Q	0.2	37.7

See footnotes at end of table.

**Table HC5-5a. Appliances by Type of Owner-Occupied Housing Unit,
Million U.S. Households, 2001 (Continued)**

Appliance Types and Characteristics	Total Owner- Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.4	2.1	3.1	1.3	
Swimming Pool (heaters)	1.2	1.2	Q	Q	Q	55.8
Natural Gas	0.8	0.8	Q	Q	Q	69.1
Electric/LPG/Other	0.4	0.4	Q	Q	Q	85.0
Waterbed Heaters	4.5	4.0	Q	Q	0.4	21.8
1	3.8	3.4	Q	Q	0.3	25.5
2 or More	0.7	0.6	Q	Q	Q	70.7
Used All Year	4.1	3.7	Q	Q	0.3	22.1
1	3.5	3.2	Q	Q	0.3	24.2
2 or More	0.6	0.5	Q	Q	Q	77.4
Other Appliances						
Automobile Block/Engine/ Battery Heater	1.8	1.6	Q	Q	Q	47.1
Ceiling Fans	55.0	49.0	1.3	1.2	3.5	8.2
1	14.2	11.3	0.4	0.8	1.7	13.3
2	11.6	10.1	0.6	Q	0.9	14.8
3 or more	29.2	27.7	0.3	Q	0.9	11.6
Electric Dehumidifier	11.0	10.5	0.3	Q	Q	18.1
Electric Humidifier	12.5	11.5	0.3	Q	0.5	16.2
Evaporative/Swamp Cooler	2.1	1.6	Q	Q	0.4	50.1
Heated Aquarium	3.2	2.8	Q	Q	0.2	24.7
Outdoor Gas Light ³	0.4	0.4	Q	Q	Q	80.6
Pumps (Electric)	19.6	18.2	Q	Q	1.2	15.7
Rechargeable Tools/Appliances ...	38.9	34.8	0.8	0.8	2.4	9.2
Swimming Pool (with filters)	6.4	6.4	Q	Q	Q	22.7
Well Water	12.4	11.2	Q	Q	1.2	20.7

¹ The number of households, where the end use is electric air-conditioning, does not include households that did not use their equipment (2.1 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.

² The 2001 RECS reported 800,000 households having both central air-conditioning and room/wall air-conditioners, with 600,000 households using both central air-conditioning and 200,000 households using only room/wall air-conditioners. These room/wall air-conditioners are not included in the count of 23.3 million households using room/wall air-conditioners. Note: This applies to all occurrences of central air-conditioning.

³ Includes LPG and natural gas.

cf = Cubic feet.

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2001 Residential Energy Consumption Survey.