

**Table HC5-7a. Appliances by Four Most Populated States,  
Million U.S. Households, 2001**

Appliance Types and Characteristics	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.2	1.1	1.4	
<b>Total</b> .....	107.0	7.1	12.3	7.7	6.3	NE
<b>Kitchen Appliances</b>						
<b>Cooking Appliances</b>						
<b>Oven</b> .....	101.7	6.9	11.4	6.7	6.1	1.6
1 .....	95.2	6.2	10.7	6.3	6.0	2.1
2 or More .....	6.5	0.7	0.7	0.4	Q	17.4
<b>Most Used Oven</b> .....	101.7	6.9	11.4	6.7	6.1	1.6
Electric .....	63.0	2.5	4.5	4.4	5.4	3.9
Natural Gas .....	34.3	4.0	6.5	2.2	0.5	8.1
LPG .....	4.4	0.5	0.4	Q	0.2	29.5
Other .....	Q	Q	Q	Q	Q	NF
<b>Most Used Self-Cleaning Oven</b> .....	48.2	3.2	4.4	2.3	3.8	5.6
Continuous .....	11.2	0.7	0.9	0.6	0.7	19.7
Manual Start .....	37.0	2.5	3.6	1.7	3.1	8.3
<b>Range</b> .....	105.7	7.0	12.0	7.6	6.2	1.1
1 .....	100.5	6.4	11.6	7.5	6.2	1.0
2 or More .....	5.2	0.6	0.4	Q	Q	13.2
<b>Most Used Range</b> .....	105.7	7.0	12.0	7.6	6.2	1.1
Electric .....	64.2	2.5	4.6	4.7	5.6	4.9
Natural Gas .....	36.7	4.1	7.0	2.8	0.5	8.7
LPG .....	4.7	0.5	0.4	Q	0.2	29.8
Other .....	Q	Q	Q	Q	Q	NF
<b>Built-in/Stove-top Grill</b> .....	2.9	0.1	0.5	0.3	0.1	30.3
Electric .....	1.8	0.1	0.2	Q	0.1	32.2
Natural Gas .....	1.0	Q	0.2	0.1	Q	35.3
LPG .....	Q	Q	Q	Q	Q	NF
Other .....	Q	Q	Q	Q	Q	NF
<b>Refrigerators and Freezers</b>						
<b>Refrigerators</b> .....	106.8	7.1	12.3	7.7	6.3	NE
1 .....	88.7	6.1	10.5	6.5	5.6	1.6
2 or More .....	18.1	0.9	1.7	1.2	0.7	8.9
<b>Most-Used Refrigerator</b>						
Defrost Method						
Frost-Free .....	96.9	6.4	10.9	7.3	6.0	1.3
Manual .....	9.9	0.6	1.4	0.4	0.3	15.8
Type of Refrigerator						
2-Doors (top and bottom) .....	73.0	5.6	7.8	4.7	4.3	3.3
2-Doors (side-by-side) .....	27.1	0.9	3.6	2.4	1.6	9.4
Regular (single door) .....	5.7	0.5	0.6	0.4	0.4	13.3
Half-Size/Other .....	1.0	0.1	0.3	0.2	Q	33.1

See footnotes at end of table.

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		New York	California	Texas	Florida	
		0.4	1.2	1.1	1.4	
<b>RSE Column Factor:</b>						
<b>Age of Refrigerator</b>						
Less than 2 Years .....	14.5	1.0	1.8	1.1	1.0	9.1
2 to 4 Years .....	20.7	1.7	2.5	1.4	1.0	11.1
5 to 9 Years .....	31.1	2.0	3.9	2.4	2.2	4.0
10 to 19 Years .....	26.7	1.5	2.8	1.6	1.5	9.4
20 Years or More .....	7.1	0.4	0.5	0.4	0.4	19.6
Don't Know .....	6.7	0.3	0.8	0.7	0.3	17.0
<b>Size of Refrigerator</b>						
Very Small (Less than 11 cf) .....	0.6	Q	0.2	Q	Q	40.1
Small (11-14 cf) .....	5.7	0.5	0.6	0.4	0.3	18.0
Medium (15-18 cf) .....	52.2	3.7	6.2	3.1	2.7	6.0
Large (19-22 cf) .....	43.0	2.5	4.5	3.5	2.9	6.2
Very Large (23 or More cf) .....	5.3	0.3	0.7	0.6	0.5	17.6
<b>Through-the-Door Ice/Water Service</b>						
Yes .....	22.1	0.5	2.8	2.1	1.6	9.3
No .....	84.9	6.5	9.6	5.6	4.7	2.3
<b>Freezer (separate) .....</b>						
1 .....	34.2	1.2	2.2	2.4	1.2	10.4
2 or more .....	30.8	1.0	2.1	2.1	1.1	9.5
3 or more .....	3.4	0.2	Q	0.3	Q	23.1
<b>Most-Used Freezer</b>						
<b>Defrost Method</b>						
Frost-Free .....	12.2	0.5	0.6	1.1	0.7	16.5
Manual .....	22.0	0.7	1.6	1.3	0.6	10.8
<b>Type of Freezer</b>						
Upright .....	17.8	0.7	1.6	1.5	0.7	10.9
Chest .....	16.5	0.5	0.6	1.0	0.5	17.7
<b>Age of Freezer</b>						
Less than 2 Years .....	3.1	0.1	0.2	0.4	Q	22.0
2 to 4 Years .....	4.6	0.1	0.2	0.2	0.1	24.7
5 to 9 Years .....	6.8	0.4	0.5	0.4	0.5	19.9
10 to 19 Years .....	11.7	0.4	0.8	1.0	0.4	16.5
20 Years or More .....	7.3	0.2	0.5	0.4	Q	20.1
Don't Know .....	0.6	Q	Q	Q	Q	44.2
<b>Freezer Size</b>						
Very Small (Less than 11 cf) .....	2.5	Q	0.2	0.1	Q	20.8
Small (11-14 cf) .....	8.2	0.3	0.4	0.6	0.4	14.4
Medium (15-18 cf) .....	13.3	0.3	0.8	0.8	0.6	17.9
Large (19-22 cf) .....	8.7	0.3	0.5	0.7	Q	15.2
Very Large (23 or More cf) .....	1.6	0.1	0.2	0.2	Q	31.8
<b>Other Kitchen Appliances</b>						
Dishwasher .....	56.7	2.8	6.8	4.7	3.6	5.6
Electric Coffee Makers .....	65.5	4.4	7.0	4.5	3.1	3.7
Electric Toaster Oven .....	36.1	3.4	4.5	3.1	2.4	6.4
Microwave Oven .....	92.1	5.2	10.0	6.7	5.4	3.0

See footnotes at end of table.

**Table HC5-7a. Appliances by Four Most Populated States,  
Million U.S. Households, 2001 (Continued)**

Appliance Types and Characteristics	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.2	1.1	1.4	
<b>RSE Column Factor:</b>						
<b>Households With Electric</b>						
<b>Air-Conditioning Equipment</b> .....	82.9	4.9	6.0	7.4	6.2	2.4
Air Conditioners Not Used .....	2.1	0.1	0.8	Q	0.1	24.2
<b>Households Using Electric</b>						
<b>Air-Conditioning<sup>1</sup></b> .....	80.8	4.7	5.2	7.4	6.1	2.6
<b>Type of Electric Air-Conditioning Used</b>						
Central Air-Conditioning <sup>2</sup> .....	57.5	1.3	3.9	6.2	5.7	6.7
Without a Heat Pump .....	46.2	1.2	3.2	5.5	3.8	8.1
With a Heat Pump .....	11.3	Q	0.8	0.6	1.9	15.0
Room Air-Conditioning .....	23.3	3.4	1.2	1.2	0.3	13.6
1 Unit .....	12.8	1.6	1.0	0.5	Q	12.2
2 Units .....	7.5	1.2	0.1	0.4	0.1	17.9
3 or More Units .....	3.0	0.7	Q	Q	Q	16.8
<b>Entertainment</b>						
<b>Color Television Sets</b> .....						
1 .....	105.8	7.0	12.2	7.6	6.3	NE
2 .....	29.3	2.1	3.6	1.9	1.7	7.9
3 .....	38.4	3.0	4.4	2.8	2.2	4.7
4 .....	23.3	1.2	2.6	1.8	1.6	7.2
5 or More .....	10.2	0.4	1.2	0.8	0.5	10.0
5 or More .....	4.5	0.3	0.5	0.4	0.3	18.7
<b>Large Screen Television Sets</b> .....						
1 .....	36.6	2.6	4.3	2.9	2.8	8.2
2 .....	27.3	2.3	3.6	2.4	1.9	8.6
3 or More .....	7.9	0.3	0.7	0.5	0.9	17.3
3 or More .....	1.4	0.1	Q	Q	Q	39.3
<b>Cable/Satellite Dish Antennas</b> .....						
Cable Network .....	82.2	5.5	8.6	5.1	5.4	2.7
Satellite Dish Antenna .....	68.3	4.8	7.3	3.9	4.6	4.5
Both .....	12.0	0.6	1.1	1.0	0.4	12.8
Both .....	1.9	Q	0.2	Q	0.4	24.5
<b>Video Cassette Recorders</b>						
<b>(VCRs) and DVD Players</b> .....						
1 .....	96.1	6.3	11.4	6.7	5.5	1.8
2 .....	52.3	3.8	6.7	3.4	3.2	5.3
3 or More .....	29.0	2.0	3.1	2.1	1.3	8.5
3 or More .....	14.7	0.5	1.7	1.2	1.0	11.5
<b>Stereo Equipment</b> .....						
Portable/Boom Box .....	80.3	5.5	10.0	5.5	4.9	2.2
Compact Stereo System .....	26.1	1.4	3.0	1.6	1.3	9.8
Component Stereo System .....	36.5	3.0	4.5	2.7	2.2	5.3
Other System .....	36.3	2.4	4.5	2.2	2.3	5.2
Other System .....	3.1	0.2	0.3	0.1	0.2	25.6
<b>Clothes Washers and Dryers</b>						
<b>Clothes Washer</b> .....						
Top loading .....	84.1	4.5	8.4	5.9	5.2	3.8
Front loading .....	81.6	4.4	8.1	5.7	5.1	4.1
Front loading .....	2.5	0.2	0.3	Q	Q	29.3

See footnotes at end of table.

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		New York	California	Texas	Florida	
		0.4	1.2	1.1	1.4	
RSE Column Factor:	0.4	1.2	1.1	1.4	1.3	
<b>Clothes Dryer</b> .....	78.8	3.8	8.0	5.7	4.9	4.5
Electric .....	61.1	2.2	4.3	4.5	4.5	7.5
Natural Gas .....	16.9	1.6	3.7	1.1	Q	14.6
LPG .....	0.8	Q	Q	Q	Q	48.5
<b>Water Heater Equipment</b>						
<b>Water Heaters</b> .....	107.0	7.1	12.3	7.7	6.3	NE
Electric .....	40.8	0.9	1.8	3.0	5.1	8.4
For One Housing Unit .....	37.7	0.8	1.4	2.6	4.9	10.3
For Two or More Units .....	3.1	0.1	0.4	0.5	0.2	24.6
Natural Gas .....	58.0	4.4	9.9	4.5	1.2	5.5
For One Housing Unit .....	50.9	2.9	8.5	4.2	1.2	6.5
For Two or More Units .....	7.1	1.6	1.4	Q	Q	13.0
Fuel Oil .....	4.6	1.6	Q	Q	Q	19.7
For One Housing Unit .....	3.0	0.7	Q	Q	Q	23.1
For Two or More Units .....	1.6	0.9	Q	Q	Q	34.2
LPG .....	2.9	Q	0.4	Q	Q	30.0
Other .....	0.5	Q	Q	Q	Q	78.1
No Water Heater .....	Q	Q	Q	Q	Q	NF
<b>Water Heater (for one housing unit)</b> .....	95.0	4.5	10.4	6.8	6.1	3.4
Age						
Less than 2 Years .....	11.4	0.5	1.1	0.9	0.8	11.2
2 to 4 Years .....	17.3	0.9	1.7	1.2	0.7	11.4
5 to 9 Years .....	25.3	1.2	2.3	2.3	1.9	11.5
10 to 19 Years .....	21.7	0.6	2.5	1.3	1.7	12.3
20 Years or More .....	7.4	0.4	0.9	0.4	0.3	15.2
Don't Know .....	9.4	0.4	1.7	0.7	0.5	16.6
No Separate Heater .....	2.5	0.5	0.3	0.1	Q	22.0
No Water Heater .....	Q	Q	Q	Q	Q	NF
Water Heaters for						
Two or More Units .....	11.9	2.6	1.9	0.8	0.2	15.2
Size						
Small .....	12.2	0.7	1.0	0.9	1.2	13.6
Medium .....	49.4	2.1	5.9	3.3	3.3	5.7
Large .....	25.6	0.9	2.8	1.8	1.1	9.5
Don't Know .....	3.8	0.2	0.3	0.4	0.3	24.2
No Separate Heater .....	2.5	0.5	0.3	0.1	Q	22.0
No Water Heater .....	Q	Q	Q	Q	Q	NF
Water Heaters for						
Two or More Units .....	11.9	2.6	1.9	0.8	0.2	15.2
<b>Heaters (other)</b>						
Hot Tub or Spa (heaters) .....	4.4	0.2	0.9	0.6	Q	14.6
Electric .....	3.3	0.1	0.4	0.4	Q	19.1
Natural Gas .....	0.9	Q	0.3	0.1	Q	33.7
LPG/Other .....	0.2	Q	Q	Q	Q	NF
Portable Space (heaters) .....	13.4	1.0	1.6	1.2	0.3	12.1
Electric .....	11.9	0.8	1.5	1.1	0.3	13.3
Kerosene .....	1.8	0.1	Q	Q	Q	30.0

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		New York	California	Texas	Florida	
		0.4	1.2	1.1	1.4	
RSE Column Factor:	0.4	1.2	1.1	1.4	1.3	
Swimming Pool (heaters) .....	1.2	0.1	0.2	Q	Q	39.1
Natural Gas .....	0.8	Q	Q	Q	Q	57.7
Electric/LPG/Other .....	0.4	Q	Q	Q	Q	70.9
Waterbed Heaters .....	5.5	0.2	0.2	0.2	0.5	21.8
1 .....	4.8	0.2	0.2	0.2	0.5	24.9
2 or More .....	0.8	Q	Q	Q	Q	52.0
Used All Year .....	5.0	0.2	0.2	0.2	0.5	24.6
1 .....	4.3	0.1	0.2	0.1	0.4	26.2
2 or More .....	0.6	Q	Q	Q	Q	58.8
<b>Other Appliances</b>						
Automobile Block/Engine/ Battery Heater .....	2.3	0.1	0.1	Q	Q	30.2
Ceiling Fans .....	69.6	3.3	5.6	6.4	5.4	3.7
1 .....	22.0	1.7	2.6	1.3	0.8	11.3
2 .....	15.1	0.7	1.6	1.1	0.7	13.0
3 or more .....	32.6	1.0	1.5	4.0	3.9	9.8
Electric Dehumidifier .....	12.1	1.0	Q	0.2	Q	11.9
Electric Humidifier .....	15.6	1.2	0.4	0.4	Q	16.2
Evaporative/Swamp Cooler .....	2.7	Q	0.4	Q	Q	40.4
Heated Aquarium .....	4.5	0.2	0.3	0.4	0.2	23.8
Outdoor Gas Light <sup>3</sup> .....	0.5	0.2	0.1	Q	Q	23.1
Pumps (Electric) .....	21.2	1.0	1.6	1.0	2.1	12.8
Rechargeable Tools/Appliances .....	47.7	3.1	4.6	3.4	2.8	6.4
Swimming Pool (with filters) .....	6.5	0.3	0.7	0.3	1.0	17.1
Well Water .....	13.8	0.6	0.4	0.3	1.5	23.3

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Includes LPG and natural gas.

cf = Cubic feet.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.