

**Table HC5-7b. Appliances by Four Most Populated States,
Percent of U.S. Households, 1997**

Appliance Types and Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.3	1.2	1.2	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Households With Electric Air-Conditioning Equipment	72.5	62.6	41.4	91.7	96.0	3.5
Central Equipment Not Used	0.3	Q	1.2	0.5	1.1	29.3
Room Air Conditioners Not Used	0.7	Q	Q	Q	1.1	36.9
Households Using Electric Air-Conditioning¹	71.6	62.2	39.9	91.2	94.3	3.3
Type of Electric Air-Conditioning Used						
Central Air-Conditioning ²	46.8	18.5	27.7	68.6	82.1	5.4
Without a Heat Pump	36.4	17.2	24.8	58.8	41.9	10.6
With a Heat Pump	10.4	1.3	2.9	9.8	40.1	21.2
Room Air-Conditioning	24.8	43.8	12.2	22.6	12.3	10.7
1 Unit	14.7	22.8	11.1	9.6	7.9	12.5
2 Units	7.1	14.2	1.0	7.6	2.5	17.8
3 or More Units	3.0	6.8	Q	5.3	1.9	25.7
Clothes Washer	77.4	66.6	60.7	73.0	81.8	4.3
Clothes Dryer	71.2	54.5	57.1	69.6	73.7	4.1
Electric	55.1	37.4	30.6	55.3	70.3	6.2
Natural Gas	15.2	16.4	26.2	14.1	2.7	15.4
LPG	0.8	0.6	Q	Q	Q	34.2
Dishwasher	50.2	46.0	47.5	54.7	58.0	6.1
Ceiling Fans	60.1	50.4	41.1	74.6	74.5	3.6
1	23.3	29.4	21.0	14.8	12.2	7.2
2	13.8	8.8	9.7	18.0	14.8	11.4
3 or more	23.0	12.2	10.4	41.8	47.4	8.2
Freezer	33.2	21.2	14.4	30.2	24.8	8.2
1	30.2	18.5	13.6	27.1	23.8	9.0
2 or more	2.9	Q	Q	3.0	1.0	23.0
Most-Used Freezer Defrost Method						
Frost-Free	10.5	6.6	5.4	9.8	9.4	15.6
Manual	22.6	14.6	9.0	20.4	15.4	7.7
Type of Freezer						
Upright	16.3	13.6	11.8	13.1	17.3	8.1
Chest	16.9	7.6	2.6	17.0	7.5	17.0
Age of Freezer						
Less than 2 Years	2.4	Q	0.6	2.7	Q	26.9
2 to 4 Years	4.1	1.9	1.8	4.3	3.5	28.5
5 to 9 Years	7.4	4.9	4.2	7.4	5.0	13.2
10 to 19 Years	12.2	7.2	4.9	12.0	9.8	13.5
20 Years or More	6.6	5.2	2.9	3.4	Q	24.7
Don't Know	0.5	Q	Q	Q	Q	46.6

See footnotes at end of table.

**Table HC5-7b. Appliances by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Appliance Types and Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.3	1.2	1.2	
Freezer Size						
Very Small (Less than 11 cf)	2.7	1.2	1.0	3.0	1.5	32.0
Small (11-14 cf)	6.6	3.6	2.3	6.3	3.9	22.3
Medium (15-18 cf)	13.3	7.1	6.2	11.7	10.0	12.5
Large (19-22 cf)	8.9	7.7	3.5	7.6	8.4	14.9
Very Large (23 or More cf)	1.7	1.6	1.4	Q	Q	21.4
Heaters (other)						
Hot Tub or Spa	3.9	3.5	6.7	5.4	8.3	23.0
Electric	2.6	3.0	3.8	3.5	3.0	28.3
Natural Gas	1.1	Q	2.6	Q	Q	34.6
LPG/Other	0.1	Q	Q	Q	Q	NF
Portable Space	13.9	11.2	11.2	14.8	9.5	11.2
Electric	12.1	10.5	10.9	14.3	8.4	10.6
Kerosene	2.0	Q	Q	Q	Q	24.5
Swimming Pool	1.1	Q	1.7	1.7	Q	31.8
Natural Gas	0.7	0.7	1.4	1.7	Q	33.1
Electric/LPG/Other	0.4	Q	Q	Q	Q	70.4
Waterbed Heaters	8.3	5.5	3.3	8.5	9.4	17.5
1	6.8	5.2	Q	7.2	7.3	20.4
2 or More	1.4	Q	0.8	1.4	2.0	18.1
Waterbed Heaters						
Used All Year	7.3	5.0	3.3	7.2	9.4	19.8
1	6.4	4.6	Q	6.2	8.4	20.1
2 or More	1.0	Q	0.8	1.0	1.0	23.6
Oven	98.8	99.3	97.5	99.0	98.5	NF
Electric	61.4	35.2	42.5	59.9	89.2	3.9
Natural Gas	33.3	57.2	52.8	35.7	5.6	6.9
LPG	4.1	6.9	2.3	3.4	3.7	23.3
Other	Q	Q	Q	Q	Q	NF
Self-Cleaning Oven	44.1	43.3	36.8	41.3	46.8	6.6
Continuous	9.9	10.9	8.6	11.2	8.0	12.7
Manual Start	34.1	32.4	28.2	30.1	38.8	7.6
Pumps (Electric)	19.8	19.3	11.5	12.3	34.9	10.7
Hot Tub or Spa	4.0	3.7	6.7	5.4	8.3	22.5
Swimming Pool	5.4	8.5	4.1	5.0	15.0	15.6
Well Water	14.1	10.7	3.4	5.1	28.2	22.6
Range	99.2	99.6	98.6	99.0	99.2	NF
Electric	60.2	34.7	39.0	56.4	89.7	4.2
Natural Gas	34.7	58.0	56.8	39.0	5.8	6.8
LPG	4.3	6.9	2.8	3.6	3.7	24.6
Other	Q	Q	Q	Q	Q	NF
Refrigerators	99.8	99.8	99.7	100.0	100.0	NF
1	84.7	88.6	84.2	85.4	88.6	1.7
2 or More	15.2	11.1	15.5	14.6	11.4	10.8

See footnotes at end of table.

**Table HC5-7b. Appliances by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Appliance Types and Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.3	1.2	1.2	
Most-Used Refrigerator						
Defrost Method						
Frost-Free	86.8	83.1	84.0	91.2	93.4	1.3
Manual	13.1	16.7	15.7	8.8	6.6	10.8
Type of Refrigerator						
2-Doors (top and bottom)	68.0	71.9	54.5	63.9	63.7	4.5
2-Doors (side-by-side)	20.4	15.0	29.6	26.3	23.9	11.2
Regular (single door)	10.7	12.4	14.6	8.6	11.3	14.4
Half-Size/Other	0.7	0.4	1.0	Q	Q	34.3
Age of Refrigerator						
Less than 2 Years	13.2	13.0	13.8	14.9	11.4	11.6
2 to 4 Years	21.0	23.0	18.5	24.8	17.1	9.0
5 to 9 Years	29.9	26.1	32.9	30.2	33.5	7.4
10 to 19 Years	23.8	23.5	24.3	20.3	25.7	6.2
20 Years or More	7.0	7.5	6.2	5.8	3.9	15.5
Don't Know	5.0	6.6	4.0	4.0	8.4	18.3
Size of Refrigerator						
Very Small (Less than 11 cf)	0.9	Q	1.0	Q	Q	34.5
Small (11-14 cf)	7.6	10.3	11.7	6.6	11.5	10.7
Medium (15-18 cf)	45.0	47.6	35.3	40.2	37.6	5.2
Large (19-22 cf)	44.8	40.5	50.1	50.1	49.9	5.7
Very Large (23 or More cf)	1.5	Q	1.6	2.0	Q	26.1
Through-the-Door Ice/Water Service						
Yes	13.0	8.4	17.5	18.0	18.2	14.7
No	87.0	91.6	82.5	82.0	81.8	2.7
Color Television Sets						
1	98.7	99.6	98.0	97.7	98.1	NF
2	31.8	31.2	34.7	30.2	25.0	7.5
3	37.4	39.3	38.2	37.0	40.7	4.5
4	19.1	19.2	18.2	19.2	18.6	8.4
5 or More	7.7	7.9	5.3	7.8	11.4	16.6
5 or More	2.7	2.1	1.5	3.5	2.4	24.1
Video Cassette Recorders (VCR's)						
1	87.6	86.0	89.5	86.5	81.6	1.7
2	55.5	59.5	58.5	50.9	45.4	4.2
3 or More	24.9	19.8	24.5	26.8	27.9	7.9
3 or More	7.2	6.8	6.5	8.8	8.2	15.6
Water Heaters						
Electric	100.0	100.0	100.0	100.0	100.0	NE
For One Housing Unit	39.1	14.8	15.7	34.6	78.8	10.8
For Two or More Units	37.3	13.7	13.9	29.9	77.7	11.3
Natural Gas	1.8	Q	1.7	4.7	1.1	27.8
For One Housing Unit	51.9	48.6	80.9	61.5	15.6	8.0
For Two or More Units	45.8	35.1	69.0	59.4	13.0	9.6
Fuel Oil	6.1	13.5	11.9	Q	2.6	16.8
For One Housing Unit	5.1	32.6	Q	Q	Q	15.5
For Two or More Units	3.1	13.0	Q	Q	Q	23.9
LPG	2.0	19.7	Q	Q	Q	14.4
Other	3.2	3.0	2.7	3.6	2.5	24.5
No Water Heater	0.7	Q	Q	Q	Q	57.2
No Water Heater	0.2	0.4	0.3	Q	Q	41.2

See footnotes at end of table.

**Table HC5-7b. Appliances by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Appliance Types and Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.3	1.2	1.2	
RSE Column Factor:	0.4	1.3	1.2	1.2	1.4	
Water Heater (for one housing unit)	89.7	65.0	85.7	93.0	95.3	2.0
Age						
Less than 2 Years	11.1	9.0	8.1	10.9	6.8	15.4
2 to 4 Years	16.8	12.9	12.3	26.7	16.1	10.7
5 to 9 Years	25.0	16.6	23.8	27.2	33.9	7.8
10 to 19 Years	19.9	12.4	20.9	15.7	20.7	11.0
20 Years or More	7.0	3.2	11.0	4.1	4.9	17.2
Don't Know	7.0	2.8	7.1	7.5	12.5	13.6
No Separate Heater	2.9	8.1	2.5	Q	Q	24.5
No Water Heater	0.2	0.4	0.3	Q	Q	41.2
Water Heaters for						
Two or More Units	10.1	34.7	14.0	6.8	3.9	15.9
Size						
Small	15.3	8.0	12.8	18.4	25.0	11.3
Medium	46.4	31.2	40.6	51.0	47.0	6.5
Large	21.3	15.3	25.9	20.3	17.7	9.5
Don't Know	3.7	2.3	4.0	2.3	Q	24.8
No Separate Heater	2.9	8.1	2.5	Q	Q	24.5
No Water Heater	0.2	0.4	0.3	Q	Q	41.2
Water Heaters for						
Two or More Units	10.1	34.7	14.0	6.8	3.9	15.9
Other Appliances						
Heated Aquarium	3.8	4.4	4.7	1.8	4.2	17.2
Microwave Oven	83.0	75.9	82.1	79.7	84.0	2.1
Outdoor Gas Light ²	0.7	Q	Q	1.0	Q	27.9
Rechargeable Tools/ or Appliances	43.7	38.9	43.7	46.0	42.1	5.1
Stereo Equipment	68.8	68.6	73.1	72.6	73.0	2.0

¹ The number of households, where the end use is electric air-conditioning, does **not** include households that did not use their equipment (0.9 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 Includes 642,000 households using room/wall air-conditioners in addition to central air-conditioning. These are excluded from the count of 25.2 million households using only room air-conditioners.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.