

**Table HC4-7b. Air Conditioning by Four Most Populated States,
Percent of U.S. Households, 1997**

Air Conditioning Characteristics	Four Most Populated States					RSE Row Factors
	Total	New York	California	Texas	Florida	
	0.4	1.3	1.4	1.2	1.2	
RSE Column Factor:						
Households With Electric Air-Conditioning Equipment	100.0	100.0	100.0	100.0	100.0	0.0
Central Equipment Not Used	0.5	Q	2.9	0.6	1.2	28.9
Room Air Conditioners Not Used	1.0	Q	Q	Q	1.2	40.5
Households Using Electric Air-Conditioning¹	98.7	99.4	96.4	99.4	98.3	NE
Type of Electric Air-Conditioning Used						
Central Air-Conditioning ²	64.5	29.5	67.0	74.8	85.5	4.7
Without a Heat Pump	50.2	27.4	60.0	64.1	43.7	8.6
With a Heat Pump	14.4	2.1	7.0	10.7	41.8	21.2
Room Air-Conditioning	34.2	69.9	29.4	24.7	12.8	9.0
1 Unit	20.2	36.4	26.8	10.5	8.2	11.4
2 Units	9.8	22.6	2.3	8.3	2.6	16.8
3 or More Units	4.1	10.9	Q	5.8	2.0	26.8
Number of Rooms Air-Conditioned in Summer 1997						
One or Two	17.7	45.5	20.4	12.4	5.4	14.0
Three	11.2	8.7	14.0	17.2	5.8	12.8
Four	15.7	20.8	14.9	11.7	15.7	18.8
Five or More	54.2	24.4	47.1	58.0	71.4	8.7
Percentage of Rooms Air-Conditioned						
100%	68.3	43.9	70.6	78.7	84.3	4.0
50% to 99%	15.5	18.5	10.3	13.3	11.2	16.8
25% to 49%	9.5	20.4	10.6	6.1	Q	18.2
1% to 24%	5.4	16.6	4.8	1.3	Q	17.5
Large Tree(s) that Shade the Home						
Yes	48.2	35.9	35.6	49.4	56.8	7.0
No	50.5	63.4	60.7	50.1	41.5	6.0
Central Air-Conditioner Age (excludes systems for more than one housing unit)						
Less than 5 Years	17.8	12.8	11.9	25.2	16.9	9.7
5 to 9 Years	19.2	10.3	24.0	17.9	30.8	15.8
10 to 19 Years	17.4	3.3	19.1	20.0	25.9	13.7
20 Years or More	5.4	Q	9.8	3.4	5.4	15.6
Don't Know	3.7	Q	1.5	5.1	5.9	29.0
Central Air-Conditioning Use						
Only a Few Times	17.1	10.6	35.2	8.2	11.5	14.4
Quite a Bit	14.2	10.2	17.4	9.7	11.6	12.8
All Summer	33.2	8.6	14.3	56.9	62.4	7.4
Pays for Electricity for Central Air-Conditioning						
Yes	62.8	27.8	63.5	70.6	84.3	4.9
No	1.5	Q	Q	Q	1.2	41.7

See footnotes at end of table.

**Table HC4-7b. Air Conditioning by Four Most Populated States,
Percent of U.S. Households, 1997 (Continued)**

Air Conditioning Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.3	1.4	1.2	1.2	
Age of Most-Used Room Air Conditioner						
Less than 5 Years	11.9	23.3	11.6	11.2	4.6	13.5
5 to 9 Years	9.3	20.2	5.3	8.0	1.9	19.4
10 or 19 Years	7.7	16.8	5.8	3.5	4.0	14.7
20 or More Years	2.7	3.5	3.3	Q	Q	23.1
Don't Know	2.6	6.1	3.4	1.5	2.2	25.6
Pays for Electricity for Room Air-Conditioning						
Yes	31.8	63.4	25.4	23.1	11.2	10.7
No	2.4	6.5	4.0	1.5	Q	32.1
Room Air-Conditioning Use						
Only a Few Times	17.9	43.2	20.2	7.6	5.0	12.0
Quite a Bit	8.8	17.9	5.1	6.5	2.9	15.2
All Summer	7.5	8.8	4.1	10.6	4.9	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 (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.

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

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.