

**Table HC4-7a. Air Conditioning by Four Most Populated States,
Million U.S. Households, 1997**

Air Conditioning Characteristics	Four Most Populated States					RSE Row Factors
	Total	New York	California	Texas	Florida	
	0.4	1.2	1.9	1.1	1.0	
RSE Column Factor:						
Households With Electric Air-Conditioning Equipment	73.6	4.3	4.8	6.4	5.7	3.5
Central Equipment Not Used	0.3	Q	0.1	(*)	0.1	29.0
Room Air Conditioners Not Used	0.7	Q	Q	Q	0.1	43.1
Households Using Electric Air-Conditioning¹	72.6	4.2	4.6	6.3	5.6	3.3
Type of Electric Air-Conditioning Used						
Central Air-Conditioning ²	47.5	1.3	3.2	4.8	4.9	5.4
Without a Heat Pump	36.9	1.2	2.9	4.1	2.5	10.6
With a Heat Pump	10.6	0.1	0.3	0.7	2.4	21.2
Room Air-Conditioning	25.2	3.0	1.4	1.6	0.7	10.7
1 Unit	14.9	1.6	1.3	0.7	0.5	12.5
2 Units	7.2	1.0	0.1	0.5	0.1	17.8
3 or More Units	3.0	0.5	Q	0.4	0.1	28.7
Number of Rooms Air-Conditioned in Summer 1997						
One or Two	13.0	1.9	1.0	0.8	0.3	14.4
Three	8.2	0.4	0.7	1.1	0.3	13.1
Four	11.6	0.9	0.7	0.7	0.9	19.0
Five or More	39.8	1.0	2.2	3.7	4.1	10.5
Percentage of Rooms Air-Conditioned						
100%	50.2	1.9	3.4	5.0	4.8	5.2
50% to 99%	11.4	0.8	0.5	0.9	0.6	16.9
25% to 49%	7.0	0.9	0.5	0.4	Q	17.8
1% to 24%	4.0	0.7	0.2	0.1	Q	15.5
Large Tree(s) that Shade the Home						
Yes	35.5	1.5	1.7	3.2	3.2	9.7
No	37.2	2.7	2.9	3.2	2.4	7.6
Central Air-Conditioner Age (excludes systems for more than one housing unit)						
Less than 5 Years	13.1	0.5	0.6	1.6	1.0	10.5
5 to 9 Years	14.1	0.4	1.1	1.1	1.8	16.7
10 to 19 Years	12.8	0.1	0.9	1.3	1.5	14.6
20 Years or More	3.9	Q	0.5	0.2	0.3	16.6
Don't Know	2.7	Q	0.1	0.3	0.3	28.3
Central Air-Conditioning Use						
Only a Few Times	12.6	0.5	1.7	0.5	0.7	15.2
Quite a Bit	10.5	0.4	0.8	0.6	0.7	13.5
All Summer	24.4	0.4	0.7	3.6	3.5	9.1
Pays for Electricity for Central Air-Conditioning						
Yes	46.2	1.2	3.0	4.5	4.8	5.8
No	1.1	Q	Q	Q	0.1	43.9

See footnotes at end of table.

**Table HC4-7a. Air Conditioning by Four Most Populated States,
Million 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	1.2	1.9	1.1	1.0	
Age of Most-Used Room Air Conditioner						
Less than 5 Years	8.7	1.0	0.6	0.7	0.3	12.8
5 to 9 Years	6.9	0.9	0.3	0.5	0.1	21.3
10 or 19 Years	5.7	0.7	0.3	0.2	0.2	15.6
20 or More Years	2.0	0.1	0.2	Q	Q	20.6
Don't Know	1.9	0.3	0.2	0.1	0.1	26.9
Pays for Electricity for Room Air-Conditioning						
Yes	23.4	2.7	1.2	1.5	0.6	12.2
No	1.7	0.3	Q	0.1	Q	32.6
Room Air-Conditioning Use						
Only a Few Times	13.2	1.8	1.0	0.5	0.3	12.6
Quite a Bit	6.5	0.8	0.2	0.4	0.2	16.6
All Summer	5.5	0.4	0.2	0.7	0.3	23.1

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.

(*) = Value rounds to zero in the units displayed.

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 1997 Residential Energy Consumption Survey.