

Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 1997

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.4	1.7	1.1	1.1	
Million Households						
Total U.S. Households	101.5	6.8	11.5	7.0	5.9	NF
No/Don't Use Air-Conditioning	28.8	2.6	6.9	0.6	0.3	11.5
Electric Air-Conditioning ¹	72.6	4.2	4.6	6.3	5.6	3.3
Central Air-Conditioning ²	47.5	1.3	3.2	4.8	4.9	5.4
Room/Wall Air-Conditioning	25.2	3.0	1.4	1.6	0.7	10.7
Quadrillion Btu						
Electric Air-Conditioning Btu Consumption						
Total	0.42	0.01	0.02	0.07	0.07	10.0
Central Air-Conditioning	0.34	(*)	0.01	0.06	0.07	10.1
Room/Wall Air-Conditioning	0.07	(*)	(*)	0.01	0.01	17.5
Billion kWh						
Electric Air-Conditioning kWh Consumption						
Total	122	2	5	22	21	10.0
Central Air-Conditioning	101	1	4	18	20	10.1
Room/Wall Air-Conditioning	21	1	1	3	2	17.5
Million Btu per Household³						
Electric Air-Conditioning Btu Consumption per Household						
Electric Air-Conditioning	5.7	1.8	3.6	11.6	13.1	7.8
Central Air-Conditioning	7.2	2.4	4.4	13.0	13.8	8.7
Room/Wall Air-Conditioning	2.9	1.5	1.9	7.5	8.5	10.7
kWh per Household³						
Electric Air-Conditioning kWh Consumption per Household						
Electric Air-Conditioning	1,677	518	1,065	3,408	3,842	7.8
Central Air-Conditioning	2,123	716	1,293	3,809	4,042	8.7
Room/Wall Air-Conditioning	837	434	546	2,192	2,503	10.7
1997 Cooling Degree-Days (CDD) per Household³						
1997 Cooling Degree-Days per Household						
Total U.S. Households	1,274	775	1,132	2,494	3,547	5.7
No/Don't Use Air-Conditioning	868	763	968	2,125	3,567	8.6
Electric Air-Conditioning	1,435	782	1,380	2,530	3,546	5.0
Central Air-Conditioning	1,576	585	1,427	2,536	3,524	6.6
Room/Wall Air-Conditioning	1,169	865	1,274	2,511	3,694	5.1

See footnotes at end of table.

Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 1997 (Continued)

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.4	1.7	1.1	1.1	
Cooled Square Footage (CSF) per Household³						
Cooled Square Footage per Household⁴						
Electric Air-Conditioning	1,464	1,081	1,297	1,402	1,523	5.4
Central Air-Conditioning	1,823	1,953	1,622	1,617	1,627	5.9
Room/Wall Air-Conditioning	786	713	556	748	822	7.8
Air-Conditioning Intensity [kWh÷{CDD×(CSF÷1000)}]³						
Air-Conditioning Intensity						
Electric Air-Conditioning	0.80	0.61	0.59	0.96	0.71	2.7
Central Air-Conditioning	0.74	0.63	0.56	0.93	0.70	3.5
Room/Wall Air-Conditioning	0.91	0.70	0.77	1.17	0.82	5.6

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 room/wall air-conditioners are not included in the count of 25.2 million households using room/wall air-conditioners. Note: This applies to all occurrences of central air-conditioning.

³ Averages are for those households using any electric air-conditioning, central air-conditioning, or room/wall air-conditioning, as applicable.

⁴ In previous RECS, square footage measurements were obtained during the personal interview. In the 1997 RECS, square footage was estimated using a regression equation developed with the 1993 RECS data. The 1997 RECS estimated square footage tends to be larger than the 1993 measured square footage.

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

NF = No applicable RSE row factor.

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-G of the 1997 Residential Energy Consumption Survey.