

**Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 2001**

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.0	1.6	1.3	1.4	
<b>Million Households</b>						
<b>Total U.S. Households</b> .....	107.0	7.1	12.3	7.7	6.3	NE
No/Don't Use Air-Conditioning .....	26.2	2.4	7.2	0.3	Q	9.7
Electric Air-Conditioning <sup>1</sup> .....	80.8	4.7	5.2	7.4	6.1	2.6
Central Air-Conditioning <sup>2</sup> .....	57.5	1.3	3.9	6.2	5.7	6.7
Room/Wall Air-Conditioning .....	23.3	3.4	1.2	1.2	0.3	13.6
<b>Quadrillion Btu<sup>a</sup></b>						
<b>Electric Air-Conditioning Btu Consumption</b>						
Total .....	0.62	0.01	0.02	0.11	0.10	8.1
Central Air-Conditioning .....	0.55	(*)	0.02	0.10	0.10	9.7
Room/Wall Air-Conditioning .....	0.08	0.01	(*)	0.01	(*)	16.9
<b>Billion kWh<sup>a</sup></b>						
<b>Electric Air-Conditioning kWh Consumption</b>						
Total .....	183	3	5	32	29	8.1
Central Air-Conditioning .....	161	1	5	29	29	9.7
Room/Wall Air-Conditioning .....	22	2	(*)	3	1	16.9
<b>Million Btu per Household<sup>3,a</sup></b>						
<b>Electric Air-Conditioning Btu Consumption per Household</b>						
Electric Air-Conditioning .....	7.7	2.4	3.3	14.8	16.6	6.5
Central Air-Conditioning .....	9.5	3.2	3.9	16.2	17.3	7.6
Room/Wall Air-Conditioning .....	3.2	2.1	1.2	7.3	5.3	12.9
<b>kWh per Household<sup>3,a</sup></b>						
<b>Electric Air-Conditioning kWh Consumption per Household</b>						
Electric Air-Conditioning .....	2,263	703	967	4,327	4,855	6.5
Central Air-Conditioning .....	2,796	935	1,154	4,755	5,057	7.6
Room/Wall Air-Conditioning .....	950	617	360	2,141	1,558	12.9
<b>2001 Cooling Degree-Days (CDD) per Household<sup>3</sup></b>						
<b>2001 Cooling Degree-Days per Household</b>						
Total U.S. Households .....	1,407	988	860	2,653	3,452	4.5
No/Don't Use Air-Conditioning .....	883	946	627	2,186	Q	6.6
Electric Air-Conditioning .....	1,578	1,009	1,183	2,673	3,434	4.4
Central Air-Conditioning .....	1,701	749	1,276	2,669	3,398	6.2
Room/Wall Air-Conditioning .....	1,274	1,106	881	2,693	4,022	7.3

See footnotes at end of table.

**Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 2001 (Continued)**

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.0	1.6	1.3	1.4	
<b>Cooled Square Footage (CSF) per Household<sup>3</sup></b>						
<b>Cooled Square Footage per Household</b>						
Electric Air-Conditioning .....	1,724	1,149	1,374	1,697	1,682	6.7
Central Air-Conditioning .....	2,032	1,852	1,640	1,856	1,732	8.8
Room/Wall Air-Conditioning .....	967	886	512	889	Q	6.9
<b>Air-Conditioning Intensity<sup>3,a</sup> [kWh÷{CDD×(CSF÷1000)}]</b>						
<b>Air-Conditioning Intensity</b>						
Electric Air-Conditioning .....	0.83	0.61	0.60	0.95	0.84	3.8
Central Air-Conditioning .....	0.81	0.67	0.55	0.96	0.86	5.2
Room/Wall Air-Conditioning .....	0.77	0.63	0.80	0.89	0.44	8.4

<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).

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

<sup>a</sup> The row factor in this section is underestimated because it contains no error for estimating the end-use.

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

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. • 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 2001 Residential Energy Consumption Survey.