

**Table CE3-4e. Electric Air-Conditioning Energy Expenditures in U.S. Households by Type of Housing Unit, 2001**

	Total	Type of Housing Unit			Mobile Homes	RSE Row Factors
		Single-Family	Apartments in Buildings With			
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.5	1.4	1.8	
<b>Million Households</b>						
<b>Total U.S. Households</b> .....	107.0	73.7	9.5	17.0	6.8	4.4
No/Don't Use Air-Conditioning .....	26.2	16.1	3.2	5.2	1.7	8.4
Electric Air-Conditioning <sup>1</sup> .....	80.8	57.6	6.3	11.8	5.1	4.9
Central Air-Conditioning <sup>2</sup> .....	57.5	43.6	3.2	7.1	3.5	6.7
Room/Wall Air-Conditioning .....	23.3	13.9	3.1	4.7	1.6	7.7
<b>Billion Dollars<sup>a</sup></b>						
<b>Electric Air-Conditioning Expenditures</b>						
Total .....	15.94	12.70	0.85	1.51	0.88	8.0
Central Air-Conditioning .....	13.81	11.29	0.59	1.20	0.72	9.2
Room/Wall Air-Conditioning .....	2.13	1.41	0.26	0.30	0.16	10.5
<b>Dollars per Household<sup>3,a</sup></b>						
<b>Electric Air-Conditioning Expenditures per Household</b>						
Electric Air-Conditioning .....	197	221	135	128	171	5.7
Central Air-Conditioning .....	240	259	185	169	205	6.2
Room/Wall Air-Conditioning .....	91	101	84	65	98	6.6
<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	1,421	1,282	1,389	1,485	4.2
No/Don't Use Air-Conditioning .....	883	919	825	751	1,059	7.4
Electric Air-Conditioning .....	1,578	1,561	1,511	1,673	1,623	4.3
Central Air-Conditioning .....	1,701	1,646	1,952	1,957	1,627	5.0
Room/Wall Air-Conditioning .....	1,274	1,295	1,058	1,240	1,613	5.4
<b>Cooled Square Footage (CSF) per Household<sup>3</sup></b>						
<b>Cooled Square Footage per Household</b>						
Electric Air-Conditioning .....	1,724	2,061	1,029	787	958	3.3
Central Air-Conditioning .....	2,032	2,348	1,181	924	1,128	3.4
Room/Wall Air-Conditioning .....	967	1,161	874	578	591	4.6

See footnotes at end of table.

**Table CE3-4e. Electric Air-Conditioning Energy Expenditures in U.S. Households by Type of Housing Unit, 2001 (Continued)**

	Total	Type of Housing Unit			Mobile Homes	RSE Row Factors
		Single-Family	Apartments in Buildings With			
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.5	1.4	1.8	
<b>Air-Conditioning Intensity<sup>3,a</sup> [Cents÷{CDD×{CSF÷1000}}]</b>						
<b>Air-Conditioning Intensity</b>						
Electric Air-Conditioning .....	7.26	6.86	8.70	9.73	11.02	3.2
Central Air-Conditioning .....	6.96	6.70	8.02	9.37	11.19	3.2
Room/Wall Air-Conditioning .....	7.42	6.73	9.13	9.07	10.25	6.8

<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.

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.