

Table CE3-3e. Electric Air-Conditioning Energy Expenditures in U.S. Households by Household Income, 2001

	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.7	1.0	1.0	0.8	1.4	0.9	
Million Households								
Total U.S. Households	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
No/Don't Use Air-Conditioning	26.2	4.2	8.8	6.1	7.1	5.9	11.3	6.9
Electric Air-Conditioning ²	80.8	6.9	21.7	21.0	31.2	9.1	22.6	3.9
Central Air-Conditioning ³	57.5	3.2	13.7	15.2	25.3	4.5	12.4	5.5
Room/Wall Air-Conditioning	23.3	3.7	8.0	5.8	5.9	4.7	10.1	5.9
Billion Dollars^a								
Electric Air-Conditioning Expenditures								
Total	15.94	0.88	3.22	3.82	8.02	1.32	3.31	5.9
Central Air-Conditioning	13.81	0.56	2.53	3.33	7.40	0.88	2.41	7.0
Room/Wall Air-Conditioning	2.13	0.33	0.69	0.49	0.62	0.44	0.91	8.0
Dollars per Household^{4,a}								
Electric Air-Conditioning Expenditures per Household								
Electric Air-Conditioning	197	129	148	182	257	145	147	4.1
Central Air-Conditioning	240	175	184	219	292	197	194	4.6
Room/Wall Air-Conditioning	91	89	86	86	106	95	90	5.9
2001 Cooling Degree-Days (CDD) per Household⁴								
2001 Cooling Degree-Days per Household								
Total U.S. Households	1,407	1,423	1,444	1,396	1,381	1,435	1,372	3.1
No/Don't Use Air-Conditioning	883	974	994	896	682	1,029	972	5.2
Electric Air-Conditioning	1,578	1,696	1,627	1,542	1,541	1,696	1,572	3.1
Central Air-Conditioning	1,701	1,920	1,779	1,687	1,638	1,915	1,741	3.6
Room/Wall Air-Conditioning	1,274	1,502	1,366	1,157	1,121	1,486	1,365	4.4
Cooled Square Footage (CSF) per Household⁴								
Cooled Square Footage per Household								
Electric Air-Conditioning	1,724	967	1,203	1,585	2,349	1,017	1,164	2.9
Central Air-Conditioning	2,032	1,289	1,404	1,778	2,618	1,317	1,448	3.4
Room/Wall Air-Conditioning	967	689	857	1,074	1,185	730	813	4.8

See footnotes at end of table.

Table CE3-3e. Electric Air-Conditioning Energy Expenditures in U.S. Households by Household Income, 2001 (Continued)

	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.7	1.0	1.0	0.8	1.4	0.9	
Air-Conditioning Intensity^{4,a} [Cents÷(CDD×(CSF÷1000))]								
Air-Conditioning Intensity								
Electric Air-Conditioning	7.26	7.84	7.56	7.45	7.11	8.39	8.03	2.9
Central Air-Conditioning	6.96	7.06	7.37	7.28	6.81	7.81	7.68	3.2
Room/Wall Air-Conditioning	7.42	8.59	7.34	6.88	8.01	8.74	8.07	6.4

¹ Below 150 percent of poverty line or 60 percent of median State income.

² 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).

³ 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.

⁴ Averages are for those households using any electric air-conditioning, central air-conditioning, or room/wall air-conditioning, as applicable.

^a 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.