Table CE3-3c. Electric Air-Conditioning Energy Consumption 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	1.6	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
	Quadrillion Btu[a]							
Electric Air-Conditioning Btu Consumption								
Total	0.62	0.04	0.13	0.15	0.31	0.05	0.13	5.9
Central Air-Conditioning	0.55	0.02	0.10	0.13	0.29	0.04	0.10	6.9
Room/Wall Air-Conditioning	0.08	0.01	0.03	0.02	0.02	0.02	0.03	8.4
	Billion kWh[a]							
Electric Air-Conditioning kWh Consumption								
Total	183	10	38	44	91	16	39	5.9
Central Air-Conditioning	161	7	30	39	85	11	29	6.9
Room/Wall Air-Conditioning	22	4	8	5	6	5	10	8.4
	Million Btu per Household[4,a]							
Electric Air-Conditioning Btu Consumption per Household								
Electric Air-Conditioning	7.7	5.1	5.9	7.2	9.9	5.8	5.8	4.0
Central Air-Conditioning	9.5	7.1	7.5	8.7	11.5	8.2	7.9	4.4
Room/Wall Air-Conditioning	3.2	3.4	3.2	3.1	3.3	3.6	3.3	6.2
	kWh per Household[4,a]							
Electric Air-Conditioning kWh Consumption per Household								
Electric Air-Conditioning	2,263	1,501	1,728	2,100	2,913	1,710	1,711	4.0
Central Air-Conditioning	2,796	2,091	2,187	2,553	3,360	2,390	2,316	4.4
Room/Wall Air-Conditioning	950	993	940	904	981	1,059	967	6.2
	2001 Cooling Degree-Days (CDD) per Household[4]							
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

See footnotes at end of table.

Table CE3-3c. Electric Air-Conditioning Energy Consumption 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	1.6	1.0	1.0	0.8	1.4	0.9	
	Cooled Square Footage (CSF) per Household[4]							
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
	Air-Conditioning Intensity[4,a] [kWh÷{CDD×(CSF÷1000)}]							
Air-Conditioning Intensity								
Electric Air-Conditioning	0.83	0.92	0.88	0.86	0.80	0.99	0.94	2.7
Central Air-Conditioning	0.81	0.84	0.88	0.85	0.78	0.95	0.92	3.2
Room/Wall Air-Conditioning	0.77	0.96	0.80	0.73	0.74	0.98	0.87	6.0

[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.