Table CE3-2c. Electric Air-Conditioning Energy Consumption in U.S. Households by Year of Construction, 2001

	Total	Year of Construction						RSE Row Factors
		1990 to 2001[1]	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.8	1.1	1.1	1.2	1.1	0.8	
	Million Households							
Total U.S. Households	107.0	15.5	18.2	18.8	13.8	14.2	26.6	4.2
No/Don't Use Air-Conditioning	26.2	2.1	2.5	4.6	3.6	4.0	9.5	8.7
Electric Air-Conditioning[2]	80.8	13.4	15.8	14.2	10.1	10.2	17.1	4.7
Central Air-Conditioning[3]	57.5	12.6	13.7	11.0	7.1	6.6	6.4	5.9
Room/Wall Air-Conditioning	23.3	0.8	2.1	3.1	3.1	3.5	10.8	8.7
	Quadrillion Btu[a]							
Electric Air-Conditioning Btu Consumption								
Total	0.62	0.13	0.14	0.13	0.07	0.07	0.09	7.0
Central Air-Conditioning	0.55	0.13	0.14	0.12	0.06	0.05	0.05	7.9
Room/Wall Air-Conditioning	0.08	(*)	0.01	0.01	0.01	0.01	0.03	12.2
	Billion kWh[a]							
Electric Air-Conditioning kWh Consumption								
Total	183	38	42	37	20	20	26	7.0
Central Air-Conditioning	161	37	40	34	17	16	16	7.9
Room/Wall Air-Conditioning	22	1	2	3	3	4	10	12.2
	Million Btu per Household[4,a]							
Electric Air-Conditioning Btu Consumption per Household								
Electric Air-Conditioning	7.7	9.7	9.0	8.9	6.9	6.7	5.1	5.2
Central Air-Conditioning	9.5	10.1	9.9	10.6	8.3	8.2	8.5	5.5
Room/Wall Air-Conditioning	3.2	3.4	2.8	2.9	3.5	3.8	3.2	8.7
	kWh per Household[4,a]							
Electric Air-Conditioning kWh Consumption per Household								
Electric Air-Conditioning	2,263	2,854	2,640	2,602	2,011	1,956	1,503	5.2
Central Air-Conditioning	2,796	2,967	2,911	3,103	2,430	2,405	2,488	5.5
Room/Wall Air-Conditioning	950	1,010	829	847	1,039	1,103	924	8.7
	2001 Cooling Degree-Days (CDD) per Household[4]							
2001 Cooling Degree-Days per Household								
Total U.S. Households	1,407	1,455	1,648	1,586	1,376	1,352	1,135	3.4
No/Don't Use Air-Conditioning	883	583	1,032	841	932	971	874	8.2
Electric Air-Conditioning	1,578	1,590	1,744	1,826	1,536	1,502	1,279	3.5
Central Air-Conditioning	1,701	1,608	1,838	1,957	1,606	1,544	1,412	4.1
Room/Wall Air-Conditioning	1,274	1,299	1,114	1,367	1,373	1,422	1,200	6.2

See footnotes at end of table.

Table CE3-2c. Electric Air-Conditioning Energy Consumption in U.S. Households by Year of Construction, 2001 (Continued)

	Total	Year of Construction						RSE Row Factors
		1990 to 2001[1]	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.8	1.1	1.1	1.2	1.1	0.8	
	Cooled Square Footage (CSF) per Household[4]							
Cooled Square Footage per Household								
Electric Air-Conditioning	1,724	2,297	1,785	1,562	1,616	1,667	1,454	3.7
Central Air-Conditioning	2,032	2,376	1,937	1,804	1,912	2,012	2,106	3.8
Room/Wall Air-Conditioning	967	1,005	773	714	929	1,013	1,070	6.6
	Air-Conditioning Intensity[4,a] [kWh÷{CDD×(CSF÷1000)}]							
Air-Conditioning Intensity								
Electric Air-Conditioning	0.83	0.78	0.85	0.91	0.81	0.78	0.81	3.2
Central Air-Conditioning	0.81	0.78	0.82	0.88	0.79	0.77	0.84	3.3
Room/Wall Air-Conditioning	0.77	0.77	0.96	0.87	0.81	0.77	0.72	7.8

[1] New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

[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.

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

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.