

Table CE3-5.2u. Electric Air-Conditioning Energy Consumption and Expenditures by Square Feet and Household Demographics, 2001

Household Demographics	Electric Air-Conditioning Energy								RSE Row Factors
	Households (millions)	Total ^a		Per Household ^a			Per Square Feet ^a		
		Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Cooled Square Feet	Consumption (1000 Btu)	Expenditures (dollars)	
RSE Column Factor:	0.9	1.4	1.4	1.0	1.0	0.7	0.9	1.0	
Total Households Using Air-Conditioning¹	80.8	0.62	15.94	7.7	197	1,724	4.5	0.11	2.4
Household Size									
1 Person	20.1	0.10	2.65	5.0	132	1,218	4.1	0.11	5.0
2 Persons	27.7	0.20	5.04	7.1	182	1,768	4.0	0.10	3.4
3 Persons	13.1	0.11	2.77	8.5	212	1,827	4.7	0.12	5.1
4 Persons	12.2	0.13	3.31	10.6	271	2,138	5.0	0.13	5.4
5 Persons	5.3	0.06	1.51	11.3	286	2,039	5.6	0.14	8.8
6 or More Persons	2.4	0.03	0.66	10.3	269	2,091	4.9	0.13	11.4
2001 Household Income Category									
Less than \$9,999	6.9	0.04	0.88	5.1	129	967	5.3	0.13	6.8
\$10,000 to \$14,999	5.0	0.03	0.68	5.5	135	1,084	5.1	0.12	7.7
\$15,000 to \$19,999	6.4	0.04	1.03	6.4	162	1,207	5.3	0.13	7.6
\$20,000 to \$29,999	10.4	0.06	1.51	5.8	146	1,258	4.6	0.12	5.9
\$30,000 to \$39,999	10.6	0.07	1.84	6.9	174	1,412	4.9	0.12	4.9
\$40,000 to \$49,999	10.4	0.08	1.98	7.5	191	1,762	4.2	0.11	6.2
\$50,000 to \$74,999	17.4	0.16	4.10	9.2	235	2,073	4.4	0.11	4.8
\$75,000 to \$99,999	6.6	0.06	1.59	9.3	239	2,434	3.8	0.10	6.4
\$100,000 or More	7.1	0.09	2.34	12.4	328	2,944	4.2	0.11	7.6
Income Relative to Poverty Line									
Below 100 Percent	9.1	0.05	1.32	5.8	145	1,017	5.7	0.14	5.8
100 to 150 Percent	7.8	0.05	1.31	6.7	167	1,185	5.7	0.14	6.9
Above 150 Percent	63.8	0.52	13.31	8.1	209	1,892	4.3	0.11	2.5
Eligible for Federal Assistance²									
Yes	22.6	0.13	3.31	5.8	147	1,164	5.0	0.13	4.3
No	58.2	0.49	12.63	8.4	217	1,942	4.4	0.11	2.6
Age of Householder									
Under 25 Years	4.2	0.03	0.70	6.8	166	971	7.0	0.17	8.0
25 to 34 Years	12.6	0.10	2.42	7.6	192	1,500	5.1	0.13	5.0
35 to 44 Years	17.2	0.15	3.92	8.8	229	1,892	4.7	0.12	4.7
45 to 54 Years	15.4	0.15	3.73	9.6	242	2,004	4.8	0.12	5.1
55 to 64 Years	11.4	0.09	2.41	8.3	212	1,873	4.4	0.11	5.1
65 to 74 Years	9.9	0.05	1.38	5.3	139	1,620	3.3	0.09	6.8
75 Years or More	8.2	0.04	0.94	4.4	114	1,478	3.0	0.08	5.9
No answer/refused	1.9	0.02	0.44	8.2	228	1,811	4.5	0.13	12.9
Race of Householder									
Non-Hispanic	74.7	0.58	14.67	7.7	196	1,766	4.4	0.11	2.5
Non-Hispanic White	61.6	0.48	12.03	7.8	195	1,822	4.3	0.11	2.9
Non-Hispanic Black	9.4	0.08	1.98	8.2	212	1,491	5.5	0.14	7.5
Multi-racial ³	0.6	(*)	0.09	5.8	158	1,379	4.2	0.11	22.0
Other ⁴	3.1	0.02	0.56	6.2	180	1,549	4.0	0.12	11.1
Hispanic	6.1	0.05	1.28	7.7	208	1,220	6.3	0.17	8.9

¹ 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).

² Below 150 percent of poverty line or 60 percent of median State income.

³ Respondents could select one or more race categories to describe themselves.

⁴ Includes Native American, Native Alaskan, Asian, and Pacific Islander households.

^a The column 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.