

**Table CE3-11c. Electric Air-Conditioning Energy Consumption in U.S. Households by South Census Region, 2001**

	Total U.S.	South Census Region			RSE Row Factors	
		Total	Census Division			
			South Atlantic	East South Central		West south Central
RSE Column Factor:	0.6	0.8	1.2	1.2	1.5	
<b>Million Households</b>						
<b>Total U.S. Households</b> .....	107.0	38.9	20.3	6.8	11.8	NE
No/Don't Use Air-Conditioning .....	26.2	2.1	1.3	0.4	0.4	16.1
Electric Air-Conditioning <sup>1</sup> .....	80.8	36.9	19.0	6.4	11.5	1.6
Central Air-Conditioning <sup>2</sup> .....	57.5	30.4	16.1	5.0	9.2	2.8
Room/Wall Air-Conditioning .....	23.3	6.4	2.9	1.3	2.2	9.0
<b>Quadrillion Btu<sup>a</sup></b>						
<b>Electric Air-Conditioning Btu Consumption</b>						
Total .....	0.62	0.42	0.20	0.06	0.16	4.2
Central Air-Conditioning .....	0.55	0.39	0.19	0.05	0.14	4.2
Room/Wall Air-Conditioning .....	0.08	0.04	0.01	0.01	0.02	11.9
<b>Billion kWh<sup>a</sup></b>						
<b>Electric Air-Conditioning kWh Consumption</b>						
Total .....	183	124	60	18	46	4.2
Central Air-Conditioning .....	161	113	56	16	42	4.2
Room/Wall Air-Conditioning .....	22	11	4	2	4	11.9
<b>Million Btu per Household<sup>3,a</sup></b>						
<b>Electric Air-Conditioning Btu Consumption per Household</b>						
Electric Air-Conditioning .....	7.7	11.5	10.7	9.9	13.7	3.5
Central Air-Conditioning .....	9.5	12.7	11.8	10.8	15.3	3.4
Room/Wall Air-Conditioning .....	3.2	5.6	4.4	6.2	6.8	7.8
<b>kWh per Household<sup>3,a</sup></b>						
<b>Electric Air-Conditioning kWh Consumption per Household</b>						
Electric Air-Conditioning .....	2,263	3,366	3,137	2,888	4,012	3.5
Central Air-Conditioning .....	2,796	3,731	3,467	3,173	4,494	3.4
Room/Wall Air-Conditioning .....	950	1,648	1,297	1,825	1,998	7.8
<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	2,153	2,071	1,690	2,560	3.6
No/Don't Use Air-Conditioning .....	883	1,905	1,933	1,573	2,225	7.6
Electric Air-Conditioning .....	1,578	2,167	2,081	1,698	2,570	3.6
Central Air-Conditioning .....	1,701	2,192	2,135	1,679	2,570	3.6
Room/Wall Air-Conditioning .....	1,274	2,047	1,775	1,769	2,571	5.5

See footnotes at end of table.

**Table CE3-11c. Electric Air-Conditioning Energy Consumption in U.S. Households by South Census Region, 2001 (Continued)**

	South Census Region					RSE Row Factors
	Total U.S.	Census Division			RSE Row Factors	
		Total	South Atlantic	East South Central		
RSE Column Factor:	0.6	0.8	1.2	1.2	1.5	
<b>Cooled Square Footage (CSF) per Household<sup>3</sup></b>						
<b>Cooled Square Footage per Household</b>						
Electric Air-Conditioning .....	1,724	1,732	1,737	1,891	1,636	4.5
Central Air-Conditioning .....	2,032	1,904	1,896	2,086	1,819	4.5
Room/Wall Air-Conditioning .....	967	923	852	1,162	872	7.5
<b>Air-Conditioning Intensity<sup>3,a</sup> [kWh÷(CDD×(CSF÷1000))]</b>						
<b>Air-Conditioning Intensity</b>						
Electric Air-Conditioning .....	0.83	0.90	0.87	0.90	0.95	2.1
Central Air-Conditioning .....	0.81	0.89	0.86	0.91	0.96	2.2
Room/Wall Air-Conditioning .....	0.77	0.87	0.86	0.89	0.89	6.6

<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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.