2001 Consumption and Expenditures Tables

Electric Air-Conditioning Consumption Tables

(26 pages, 112 kb)

Contents

These data are from the 2001 Residential Energy Consumption Survey (RECS) which provides information on the use of energy in residential housing units in the United States. The RECS is a national statistical survey that collects energy-related data for occupied primary housing units. RECS was first conducted in 1978; the eleventh and most recent survey was conducted in 2001. In the 2001 RECS, data were collected from a sample of 4,822 households in housing units statistically selected to represent the 107.0 million housing units in the United States. The RECS data are available for the four Census regions, the nine Census divisions, and for the four most populous States--California, Florida, New York, and Texas.

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Table CE3-1c. Electric Air-Conditioning Energy Consumption in U.S. Households by Climate Zone, 2001

RSE Column Factor:	Total	Climate Zone[1]					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
	0.4	1.6	1.0	0.9	1.5	1.0	
	Million Households						
Total U.S. Households	107.0	9.2	28.6	24.0	21.0	24.1	8.1
No/Don't Use Air-Conditioning	26.2	4.0	8.1	4.2	7.6	2.3	11.3
Electric Air-Conditioning[2]	80.8	5.3	20.5	19.9	13.4	21.8	8.2
Central Air-Conditioning[3]	57.5	3.1	12.9	12.7	10.5	18.2	9.2
Room/Wall Air-Conditioning	23.3	2.2	7.6	7.2	2.9	3.6	11.3
	Quadrillion Btu[a]						
Electric Air-Conditioning Btu Consumption							
Total	0.62	0.02	0.08	0.11	0.11	0.30	10.3
Central Air-Conditioning	0.55	0.01	0.07	0.09	0.09	0.28	10.6
Room/Wall Air-Conditioning	0.08	(*)	0.02	0.02	0.01	0.02	14.7
	Billion kWh[a]						
Electric Air-Conditioning kWh Consumption							
Total	183	6	25	33	31	88	10.3
Central Air-Conditioning	161	4	20	27	28	82	10.6
Room/Wall Air-Conditioning	22	1	5	6	3	6	14.7
	Million Btu per Household[4,a]						
Electric Air-Conditioning Btu Consumption per Household							
Electric Air-Conditioning	7.7	3.6	4.1	5.7	7.9	13.8	4.9
Central Air-Conditioning	9.5	4.7	5.3	7.1	9.0	15.4	4.6
Room/Wall Air-Conditioning	3.2	2.1	2.2	3.0	4.0	6.0	8.0
	kWh per Household[4,a]						
Electric Air-Conditioning kWh Consumption per Household							
Electric Air-Conditioning	2,263	1,069	1,208	1,660	2,322	4,058	4.9
Central Air-Conditioning	2,796	1,372	1,542	2,094	2,638	4,510	4.6
Room/Wall Air-Conditioning	950	630	639	890	1,161	1,752	8.0
	2001 Cooling Degree-Days (CDD) per Household[4]						
2001 Cooling Degree-Days per Household							
Total U.S. Households	1,407	665	777	1,147	1,236	2,852	3.8
No/Don't Use Air-Conditioning	883	603	639	860	738	2,752	8.2
Electric Air-Conditioning	1,578	712	832	1,207	1,520	2,863	3.0
Central Air-Conditioning	1,701	732	848	1,221	1,561	2,887	3.2
Room/Wall Air-Conditioning	1,274	681	804	1,181	1,368	2,742	3.4

See footnotes at end of table.

Table CE3-1c. Electric Air-Conditioning Energy Consumption in U.S. Households by Climate Zone, 2001 (Continued)

RSE Column Factor:	Total	Climate Zone[1]					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
	0.4	1.6	1.0	0.9	1.5	1.0	
	Cooled Square Footage (CSF) per Household[4]						
Cooled Square Footage per Household							
Electric Air-Conditioning	1,724	1,867	1,863	1,697	1,732	1,579	4.1
Central Air-Conditioning	2,032	2,405	2,336	2,101	1,989	1,729	4.1
Room/Wall Air-Conditioning	967	1,090	1,058	981	790	811	6.2
	Air-Conditioning Intensity[4,a] [kWh÷{CDD×(CSF÷1000)}]						
Air-Conditioning Intensity							
Electric Air-Conditioning	0.83	0.80	0.78	0.81	0.88	0.90	2.5
Central Air-Conditioning	0.81	0.78	0.78	0.82	0.85	0.90	2.7
Room/Wall Air-Conditioning	0.77	0.85	0.75	0.77	1.07	0.79	5.6

[1] One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

[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.

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.

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.

Table CE3-4c. Electric Air-Conditioning Energy Consumption in U.S. Households by Type of Housing Unit, 2001

		Type of Housing Unit				
			Apartments in Buildings With			
	Total	Single-Family	Two to Four Units	Five or More Units	Mobile Homes	
RSE Column Factor:	0.5	0.5	1.5	1.5	1.8	RSE Row Factors
	Million Households					
Total U.S. Households	107.0	73.7	9.5	17.0	6.8	4.3
No/Don't Use Air-Conditioning	26.2	16.1	3.2	5.2	1.7	8.4
Electric Air-Conditioning[1]	80.8	57.6	6.3	11.8	5.1	4.9
Central Air-Conditioning[2]	57.5	43.6	3.2	7.1	3.5	6.7
Room/Wall Air-Conditioning	23.3	13.9	3.1	4.7	1.6	7.7
	Quadrillion Btu[a]					
Electric Air-Conditioning Btu Consumption						
Total	0.62	0.50	0.03	0.05	0.04	7.9
Central Air-Conditioning	0.55	0.45	0.02	0.05	0.03	9.0
Room/Wall Air-Conditioning	0.08	0.05	0.01	0.01	0.01	10.8
	Billion kWh[a]					
Electric Air-Conditioning kWh Consumption						
Total	183	146	9	16	11	7.9
Central Air-Conditioning	161	131	7	13	9	9.0
Room/Wall Air-Conditioning	22	15	2	3	2	10.8
	Million Btu per Household[3,a]					
Electric Air-Conditioning Btu Consumption per Household						
Electric Air-Conditioning	7.7	8.7	5.0	4.6	7.4	5.5
Central Air-Conditioning	9.5	10.3	7.4	6.4	8.9	5.9
Room/Wall Air-Conditioning	3.2	3.7	2.6	1.9	4.0	6.9
	kWh per Household[3,a]					
Electric Air-Conditioning kWh Consumption per Household						
Electric Air-Conditioning	2,263	2,545	1,477	1,350	2,157	5.5
Central Air-Conditioning	2,796	3,008	2,161	1,870	2,611	5.9
Room/Wall Air-Conditioning	950	1,094	774	557	1,175	6.9
	2001 Cooling Degree-Days (CDD) per Household[3]					
2001 Cooling Degree-Days per Household						
Total U.S. Households	1,407	1,421	1,282	1,389	1,485	4.2
No/Don't Use Air-Conditioning	883	919	825	751	1,059	7.4
Electric Air-Conditioning	1,578	1,561	1,511	1,673	1,623	4.3
Central Air-Conditioning	1,701	1,646	1,952	1,957	1,627	5.0
Room/Wall Air-Conditioning	1,274	1,295	1,058	1,240	1,613	5.4

See footnotes at end of table.

Table CE3-4c. Electric Air-Conditioning Energy Consumption in U.S. Households by Type of Housing Unit, 2001 (Continued)

	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.5	1.5	1.8	
	Cooled Square Footage (CSF) per Household[3]					
Cooled Square Footage per Household						
Electric Air-Conditioning	1,724	2,061	1,029	787	958	3.3
Central Air-Conditioning	2,032	2,348	1,181	924	1,128	3.4
Room/Wall Air-Conditioning	967	1,161	874	578	591	4.6
	Air-Conditioning Intensity[3,a] [kWh÷{CDD×(CSF÷1000)}]					
Air-Conditioning Intensity						
Electric Air-Conditioning	0.83	0.79	0.95	1.03	1.39	2.9
Central Air-Conditioning	0.81	0.78	0.94	1.03	1.42	3.1
Room/Wall Air-Conditioning	0.77	0.73	0.84	0.78	1.23	6.6

[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] 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.
[3] 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.

Table CE3-5.1u. Electric Air-Conditioning Energy Consumption and Expenditures by Household Member and Demographics, 2001

Household Demographics	Electric Air-Conditioning Energy								RSE Row Factors
		Total[a]		Per Household[a]			Per Household Member[a]		
	Households (millions)	Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Household Members	Consumption (million Btu)	Expenditures (dollars)	
RSE Column Factor:	0.9	1.4	1.4	1.0	1.0	0.5	1.0	1.0	
Total Households Using Air-Conditioning[1]	80.8	0.62	15.94	7.7	197	2.5	3.0	77	2.2
Household Size									
1 Person	20.1	0.10	2.65	5.0	132	1.0	5.0	132	4.8
2 Persons	27.7	0.20	5.04	7.1	182	2.0	3.6	91	3.2
3 Persons	13.1	0.11	2.77	8.5	212	3.0	2.8	71	4.7
4 Persons	12.2	0.13	3.31	10.6	271	4.0	2.7	68	5.5
5 Persons	5.3	0.06	1.51	11.3	286	5.0	2.3	57	8.5
6 or More Persons	2.4	0.03	0.66	10.3	269	6.5	1.6	41	9.4
2001 Household Income Category									
Less than $9,999	6.9	0.04	0.88	5.1	129	1.8	2.8	70	7.1
$10,000 to $14,999	5.0	0.03	0.68	5.5	135	2.1	2.6	65	7.9
$15,000 to $19,999	6.4	0.04	1.03	6.4	162	2.1	3.0	76	7.4
$20,000 to $29,999	10.4	0.06	1.51	5.8	146	2.3	2.5	64	6.0
$30,000 to $39,999	10.6	0.07	1.84	6.9	174	2.5	2.7	69	4.6
$40,000 to $49,999	10.4	0.08	1.98	7.5	191	2.6	2.9	73	6.1
$50,000 to $74,999	17.4	0.16	4.10	9.2	235	2.9	3.1	81	4.6
$75,000 to $99,999	6.6	0.06	1.59	9.3	239	3.0	3.1	81	5.9
$100,000 or More	7.1	0.09	2.34	12.4	328	3.0	4.1	108	7.4
Income Relative to Poverty Line									
Below 100 Percent	9.1	0.05	1.32	5.8	145	2.5	2.4	59	6.0
100 to 150 Percent	7.8	0.05	1.31	6.7	167	2.7	2.5	63	6.8
Above 150 Percent	63.8	0.52	13.31	8.1	209	2.5	3.2	82	2.3
Eligible for Federal Assistance[2]									
Yes	22.6	0.13	3.31	5.8	147	2.6	2.3	57	4.3
No	58.2	0.49	12.63	8.4	217	2.5	3.3	86	2.4
Age of Householder									
Under 25 Years	4.2	0.03	0.70	6.8	166	2.6	2.6	64	8.1
25 to 34 Years	12.6	0.10	2.42	7.6	192	3.0	2.5	64	4.9
35 to 44 Years	17.2	0.15	3.92	8.8	229	3.3	2.7	69	4.5
45 to 54 Years	15.4	0.15	3.73	9.6	242	2.7	3.5	89	4.9
55 to 64 Years	11.4	0.09	2.41	8.3	212	2.1	3.9	100	5.0
65 to 74 Years	9.9	0.05	1.38	5.3	139	1.8	2.9	77	6.6
75 Years or More	8.2	0.04	0.94	4.4	114	1.5	3.0	79	5.4
No answer/refused	1.9	0.02	0.44	8.2	228	2.3	3.5	97	11.6
Race of Householder									
Non-Hispanic	74.7	0.58	14.67	7.7	196	2.5	3.1	79	2.4
Non-Hispanic White	61.6	0.48	12.03	7.8	195	2.4	3.2	81	2.7
Non-Hispanic Black	9.4	0.08	1.98	8.2	212	2.7	3.1	80	6.2
Multi-racial[3]	0.6	(*)	0.09	5.8	158	3.0	1.9	53	21.9
Other[4]	3.1	0.02	0.56	6.2	180	3.3	1.9	54	10.5
Hispanic	6.1	0.05	1.28	7.7	208	3.3	2.3	63	8.1

[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.

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
		Total[a]		Per Household[a]			Per Square Feet[a]		
	Households (millions)	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-Conditioning[1]	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 Assistance[2]									
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.

Table CE3-6.1u. Electric Air-Conditioning Energy Consumption and Expenditures by Household Member and Usage Indicators, 2001

Usage Indicators	Electric Air-Conditioning Energy								RSE Row Factors
		Total[a]		Per Household[a]			Per Household Member[a]		
	Households (millions)	Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Household Members	Consumption (million Btu)	Expenditures (dollars)	
RSE Column Factor:	1.0	1.4	1.5	1.0	1.0	0.5	1.0	1.0	
Total Households Using Air-Conditioning[1]	80.8	0.62	15.94	7.7	197	2.5	3.0	77	2.2
Central Air-Conditioning[2]									
Have Equipment[3]	57.5	0.55	13.81	9.5	240	2.6	3.7	93	2.5
Use of Equipment									
Only a Few Times	16.8	0.07	1.82	4.0	109	2.4	1.7	46	4.0
Quite a Bit	12.1	0.11	2.93	9.4	242	2.7	3.5	90	4.6
All Summer	28.4	0.37	9.03	12.9	318	2.7	4.8	119	3.1
Room Air-Conditioning									
Have Equipment	23.3	0.08	2.13	3.2	91	2.5	1.3	37	3.8
Use of Equipment									
Only a Few Times	13.6	0.02	0.76	1.8	56	2.4	0.8	23	4.0
Quite a Bit	5.0	0.02	0.48	3.5	97	2.5	1.4	38	6.8
All Summer	4.7	0.03	0.89	7.1	187	2.6	2.7	72	6.8
Weekday Home Activities									
Home Used for Business									
Yes	5.9	0.05	1.35	8.9	226	2.9	3.1	79	7.5
No/Don't Know	74.8	0.57	14.60	7.6	195	2.5	3.0	77	2.4
Energy-Intensive Activity									
Yes	1.3	0.01	0.26	7.5	199	2.8	2.7	71	16.2
No/Don't Know	79.5	0.61	15.69	7.7	197	2.5	3.0	78	2.2
Someone Home All Day									
Yes	39.9	0.30	7.78	7.6	195	2.6	2.9	74	3.4
No/Don't Know	40.8	0.32	8.16	7.8	200	2.5	3.2	81	2.3
Cooled Floorspace Category (square feet)									
Fewer than 500	9.2	0.02	0.63	2.4	69	2.3	1.1	30	6.9
500 to 999	17.4	0.09	2.32	5.1	134	2.2	2.4	62	4.6
1,000 to 1,499	17.2	0.13	3.26	7.4	189	2.4	3.0	77	4.2
1,500 to 1,999	12.0	0.10	2.65	8.6	221	2.7	3.2	82	5.0
2,000 to 2,499	8.5	0.08	1.99	9.5	235	2.7	3.5	88	5.3
2,500 to 2,999	5.6	0.05	1.35	9.6	241	2.7	3.5	89	9.1
3,000 to 3,499	3.7	0.04	1.10	11.8	298	3.2	3.7	93	6.6
3,500 to 3,999	2.2	0.03	0.80	14.0	364	3.4	4.1	106	14.2
4,000 or More	5.0	0.07	1.84	14.7	366	3.1	4.7	118	6.5
Year of Construction									
1939 or Before	11.9	0.06	1.47	4.7	123	2.5	1.9	49	5.4
1940 to 1949	5.2	0.03	0.83	6.2	160	2.7	2.3	60	9.5
1950 to 1959	10.2	0.07	1.75	6.7	172	2.4	2.8	72	5.4
1960 to 1969	10.1	0.07	1.84	6.9	181	2.4	2.9	76	6.4
1970 to 1979	14.2	0.13	3.17	8.9	224	2.4	3.6	92	5.4
1980 to 1989	15.8	0.14	3.56	9.0	225	2.5	3.6	90	5.3
1990 to 1999	12.6	0.12	3.12	9.8	248	3.0	3.3	84	8.6
2000 to 2001[4]	0.8	0.01	0.21	9.3	256	3.5	2.7	74	19.4
Housing Unit Type and Number of Bedrooms									
Mobile Homes	5.1	0.04	0.88	7.4	171	2.6	2.8	65	9.9
Less than 3 Bedrooms	2.7	0.02	0.40	6.0	145	2.1	2.9	71	11.9
3 or More Bedrooms	2.4	0.02	0.48	8.9	201	3.3	2.7	61	11.5

See footnotes at end of table.

Table CE3-6.1u. Electric Air-Conditioning Energy Consumption and Expenditures by Household Member and Usage Indicators, 2001

(Continued)

Usage Indicators	Electric Air-Conditioning Energy								RSE Row Factors
		Total[a]		Per Household[a]			Per Household Member[a]		
	Households (millions)	Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Household Members	Consumption (million Btu)	Expenditures (dollars)	
RSE Column Factor:	1.0	1.4	1.5	1.0	1.0	0.5	1.0	1.0	
Single-Family Detached	49.3	0.45	11.29	9.1	229	2.7	3.4	85	2.9
Less than 3 Bedrooms	8.8	0.05	1.35	6.0	153	2.0	3.1	78	5.0
3 Bedrooms	27.0	0.22	5.56	8.3	206	2.6	3.2	79	3.8
4 Bedrooms	11.2	0.14	3.58	12.6	321	3.3	3.8	98	5.4
5 or More Bedrooms	2.3	0.03	0.80	13.3	349	3.8	3.5	93	12.8
Single-Family Attached	8.3	0.05	1.41	6.4	171	2.6	2.5	66	9.3
Less than 3 Bedrooms	2.9	0.01	0.36	4.7	126	2.0	2.4	64	12.0
3 Bedrooms	3.6	0.02	0.66	6.7	183	2.5	2.6	72	11.0
4 or More Bedrooms	1.8	0.01	0.38	8.5	218	3.7	2.3	58	16.9
Apartments in Buildings With 2 to 4 Units	6.3	0.03	0.85	5.0	135	2.2	2.3	62	8.5
Less than 2 Bedrooms	1.6	0.01	0.15	3.4	93	1.6	2.1	57	12.7
2 Bedrooms	3.6	0.02	0.53	5.7	147	2.0	2.8	72	9.4
3 or More Bedrooms	1.1	0.01	0.18	5.4	157	3.4	1.6	47	21.9
Apartments in Buildings With 5 or More Units	11.8	0.05	1.51	4.6	128	2.0	2.3	63	9.0
Less than 2 Bedrooms	5.6	0.02	0.53	3.4	95	1.6	2.2	61	10.1
2 Bedrooms	5.2	0.03	0.73	5.0	141	2.3	2.2	61	13.4
3 or More Bedrooms	1.0	0.01	0.24	9.4	248	3.3	2.8	74	17.8

[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] 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.

[3] If a household has both a central and room air-conditioner then the usage and age of the equipment is presented only for the central unit.

[4] 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.

[a] The column 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.

Table CE3-6.2u. Electric Air-Conditioning Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001

Usage Indicators	Electric Air-Conditioning Energy								RSE Row Factors
		Total[a]		Per Household[a]			Per Square Feet[a]		
	Households (million)	Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Cooled Square Feet	Consumption (1000 Btu)	Expenditures (dollars)	
RSE Column Factor:	1.0	1.4	1.4	0.9	1.0	0.6	0.9	1.0	
Total Households Using Air-Conditioning[1]	80.8	0.62	15.94	7.7	197	1,724	4.5	0.11	2.4
Central Air-Conditioning[2]									
Have Equipment[3]	57.5	0.55	13.81	9.5	240	2,032	4.7	0.12	2.6
Use of Equipment									
Only a Few Times	16.8	0.07	1.82	4.0	109	1,933	2.0	0.06	4.2
Quite a Bit	12.1	0.11	2.93	9.4	242	2,049	4.6	0.12	4.6
All Summer	28.4	0.37	9.03	12.9	318	2,092	6.2	0.15	3.3
Room Air-Conditioning									
Have Equipment	23.3	0.08	2.13	3.2	91	967	3.4	0.09	3.9
Use of Equipment									
Only a Few Times	13.6	0.02	0.76	1.8	56	911	2.0	0.06	4.1
Quite a Bit	5.0	0.02	0.48	3.5	97	1,062	3.3	0.09	6.7
All Summer	4.7	0.03	0.89	7.1	187	1,026	6.9	0.18	6.7
Weekday Home Activities									
Home Used for Business									
Yes	5.9	0.05	1.35	8.9	226	2,179	4.1	0.10	8.2
No/Don't Know	74.8	0.57	14.60	7.6	195	1,688	4.5	0.12	2.6
Energy-Intensive Activity									
Yes	1.3	0.01	0.26	7.5	199	2,163	3.5	0.09	16.8
No/Don't Know	79.5	0.61	15.69	7.7	197	1,717	4.5	0.11	2.4
Someone Home All Day									
Yes	39.9	0.30	7.78	7.6	195	1,789	4.3	0.11	3.5
No/Don't Know	40.8	0.32	8.16	7.8	200	1,662	4.7	0.12	2.7
Cooled Floorspace Category (square feet)									
Fewer than 500	9.2	0.02	0.63	2.4	69	338	7.2	0.20	6.3
500 to 999	17.4	0.09	2.32	5.1	134	763	6.7	0.18	4.4
1,000 to 1,499	17.2	0.13	3.26	7.4	189	1,234	6.0	0.15	4.2
1,500 to 1,999	12.0	0.10	2.65	8.6	221	1,741	4.9	0.13	5.2
2,000 to 2,499	8.5	0.08	1.99	9.5	235	2,223	4.3	0.11	5.6
2,500 to 2,999	5.6	0.05	1.35	9.6	241	2,741	3.5	0.09	10.0
3,000 to 3,499	3.7	0.04	1.10	11.8	298	3,237	3.6	0.09	6.6
3,500 to 3,999	2.2	0.03	0.80	14.0	364	3,700	3.8	0.10	16.4
4,000 or More	5.0	0.07	1.84	14.7	366	5,280	2.8	0.07	6.3
Year of Construction									
1939 or Before	11.9	0.06	1.47	4.7	123	1,463	3.2	0.08	5.5
1940 to 1949	5.2	0.03	0.83	6.2	160	1,432	4.3	0.11	9.4
1950 to 1959	10.2	0.07	1.75	6.7	172	1,667	4.0	0.10	5.7
1960 to 1969	10.1	0.07	1.84	6.9	181	1,616	4.2	0.11	6.5
1970 to 1979	14.2	0.13	3.17	8.9	224	1,562	5.7	0.14	5.6
1980 to 1989	15.8	0.14	3.56	9.0	225	1,785	5.0	0.13	5.6
1990 to 1999	12.6	0.12	3.12	9.8	248	2,245	4.3	0.11	9.3
2000 to 2001[4]	0.8	0.01	0.21	9.3	256	3,111	3.0	0.08	20.7
Housing Unit Type and Number of Bedrooms									
Mobile Homes	5.1	0.04	0.88	7.4	171	958	7.7	0.18	10.3
Less than 3 Bedrooms	2.7	0.02	0.40	6.0	145	722	8.3	0.20	11.4
3 or More Bedrooms	2.4	0.02	0.48	8.9	201	1,228	7.3	0.16	12.2

See footnotes at end of table.

Table CE3-6.2u. Electric Air-Conditioning Energy Consumption and Expenditures by Square Feet and Usage Indicators, 2001 (Continued)

Usage Indicators	Electric Air-Conditioning Energy								RSE Row Factors
		Total[a]		Per Household[a]			Per Square Feet[a]		
	Households (million)	Consumption (quadrillion Btu)	Expenditures (billion dollars)	Consumption (million Btu)	Expenditures (dollars)	Cooled Square Feet	Consumption (1000 Btu)	Expenditures (dollars)	
RSE Column Factor:	1.0	1.4	1.4	0.9	1.0	0.6	0.9	1.0	
Single-Family Detached	49.3	0.45	11.29	9.1	229	2,078	4.4	0.11	3.0
Less than 3 Bedrooms	8.8	0.05	1.35	6.0	153	1,408	4.3	0.11	5.1
3 Bedrooms	27.0	0.22	5.56	8.3	206	1,932	4.3	0.11	4.0
4 Bedrooms	11.2	0.14	3.58	12.6	321	2,694	4.7	0.12	5.6
5 or More Bedrooms	2.3	0.03	0.80	13.3	349	3,390	3.9	0.10	13.8
Single-Family Attached	8.3	0.05	1.41	6.4	171	1,957	3.3	0.09	9.5
Less than 3 Bedrooms	2.9	0.01	0.36	4.7	126	1,355	3.5	0.09	11.9
3 Bedrooms	3.6	0.02	0.66	6.7	183	2,036	3.3	0.09	11.0
4 or More Bedrooms	1.8	0.01	0.38	8.5	218	2,777	3.1	0.08	16.6
Apartments in Buildings With 2 to 4 Units	6.3	0.03	0.85	5.0	135	1,029	4.9	0.13	8.9
Less than 2 Bedrooms	1.6	0.01	0.15	3.4	93	716	4.8	0.13	13.9
2 Bedrooms	3.6	0.02	0.53	5.7	147	1,082	5.2	0.14	10.3
3 or More Bedrooms	1.1	0.01	0.18	5.4	157	1,305	4.1	0.12	23.7
Apartments in Buildings With 5 or More Units	11.8	0.05	1.51	4.6	128	787	5.9	0.16	8.8
Less than 2 Bedrooms	5.6	0.02	0.53	3.4	95	597	5.7	0.16	9.2
2 Bedrooms	5.2	0.03	0.73	5.0	141	907	5.5	0.16	12.8
3 or More Bedrooms	1.0	0.01	0.24	9.4	248	1,229	7.6	0.20	17.7

[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] 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.
[3] If a household has both a central and room air-conditioner then the usage and age of the equipment is presented only for the central unit.
[4] 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.
[a] The column 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.

Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 2001

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.0	1.6	1.3	1.4	
	Million Households					
Total U.S. Households	107.0	7.1	12.3	7.7	6.3	NE
No/Don't Use Air-Conditioning	26.2	2.4	7.2	0.3	Q	9.7
Electric Air-Conditioning[1]	80.8	4.7	5.2	7.4	6.1	2.6
Central Air-Conditioning[2]	57.5	1.3	3.9	6.2	5.7	6.7
Room/Wall Air-Conditioning	23.3	3.4	1.2	1.2	0.3	13.6
	Quadrillion Btu[a]					
Electric Air-Conditioning Btu Consumption						
Total	0.62	0.01	0.02	0.11	0.10	8.1
Central Air-Conditioning	0.55	(*)	0.02	0.10	0.10	9.7
Room/Wall Air-Conditioning	0.08	0.01	(*)	0.01	(*)	16.9
	Billion kWh[a]					
Electric Air-Conditioning kWh Consumption						
Total	183	3	5	32	29	8.1
Central Air-Conditioning	161	1	5	29	29	9.7
Room/Wall Air-Conditioning	22	2	(*)	3	1	16.9
	Million Btu per Household[3,a]					
Electric Air-Conditioning Btu Consumption per Household						
Electric Air-Conditioning	7.7	2.4	3.3	14.8	16.6	6.5
Central Air-Conditioning	9.5	3.2	3.9	16.2	17.3	7.6
Room/Wall Air-Conditioning	3.2	2.1	1.2	7.3	5.3	12.9
	kWh per Household[3,a]					
Electric Air-Conditioning kWh Consumption per Household						
Electric Air-Conditioning	2,263	703	967	4,327	4,855	6.5
Central Air-Conditioning	2,796	935	1,154	4,755	5,057	7.6
Room/Wall Air-Conditioning	950	617	360	2,141	1,558	12.9
	2001 Cooling Degree-Days (CDD) per Household[3]					
2001 Cooling Degree-Days per Household						
Total U.S. Households	1,407	988	860	2,653	3,452	4.5
No/Don't Use Air-Conditioning	883	946	627	2,186	Q	6.6
Electric Air-Conditioning	1,578	1,009	1,183	2,673	3,434	4.4
Central Air-Conditioning	1,701	749	1,276	2,669	3,398	6.2
Room/Wall Air-Conditioning	1,274	1,106	881	2,693	4,022	7.3

See footnotes at end of table.

Table CE3-7c. Electric Air-Conditioning Energy Consumption in U.S. Households by Four Most Populated States, 2001 (Continued)

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.0	1.6	1.3	1.4	
	Cooled Square Footage (CSF) per Household[3]					
Cooled Square Footage per Household						
Electric Air-Conditioning	1,724	1,149	1,374	1,697	1,682	6.7
Central Air-Conditioning	2,032	1,852	1,640	1,856	1,732	8.8
Room/Wall Air-Conditioning	967	886	512	889	Q	6.9
	Air-Conditioning Intensity[3,a] **[kWh÷{CDD×(CSF÷1000)}]**					
Air-Conditioning Intensity						
Electric Air-Conditioning	0.83	0.61	0.60	0.95	0.84	3.8
Central Air-Conditioning	0.81	0.67	0.55	0.96	0.86	5.2
Room/Wall Air-Conditioning	0.77	0.63	0.80	0.89	0.44	8.4

[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] 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.

[3] 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.

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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.

Table CE3-8c. Electric Air-Conditioning Energy Consumption in U.S. Households by Urban/Rural Location, 2001

		Urban/Rural Location[1]				
	Total	City	Town	Suburbs	Rural	RSE Row Factors
RSE Column Factor:	0.6	0.8	1.3	1.3	1.3	
	Million Households					
Total U.S. Households	107.0	49.9	18.0	21.2	17.9	4.2
No/Don't Use Air-Conditioning	26.2	14.3	4.6	2.7	4.6	7.8
Electric Air-Conditioning[2]	80.8	35.6	13.4	18.6	13.3	4.3
Central Air-Conditioning[3]	57.5	23.6	8.6	15.8	9.4	5.1
Room/Wall Air-Conditioning	23.3	12.0	4.8	2.7	3.9	7.4
	Quadrillion Btu[a]					
Electric Air-Conditioning Btu Consumption						
Total	0.62	0.26	0.09	0.17	0.11	5.9
Central Air-Conditioning	0.55	0.22	0.07	0.16	0.09	6.3
Room/Wall Air-Conditioning	0.08	0.04	0.02	0.01	0.01	9.7
	Billion kWh[a]					
Electric Air-Conditioning kWh Consumption						
Total	183	76	25	50	31	5.9
Central Air-Conditioning	161	65	20	48	27	6.3
Room/Wall Air-Conditioning	22	11	5	2	4	9.7
	Million Btu per Household[4,a]					
Electric Air-Conditioning Btu Consumption per Household						
Electric Air-Conditioning	7.7	7.3	6.4	9.3	8.0	4.0
Central Air-Conditioning	9.5	9.4	8.1	10.4	9.8	4.0
Room/Wall Air-Conditioning	3.2	3.1	3.5	2.7	3.6	6.4
	kWh per Household[4,a]					
Electric Air-Conditioning kWh Consumption per Household						
Electric Air-Conditioning	2,263	2,143	1,884	2,713	2,335	4.0
Central Air-Conditioning	2,796	2,762	2,363	3,041	2,864	4.0
Room/Wall Air-Conditioning	950	921	1,018	797	1,061	6.4
	2001 Cooling Degree-Days (CDD) per Household[4]					
2001 Cooling Degree-Days per Household						
Total U.S. Households	1,407	1,482	1,234	1,489	1,277	3.2
No/Don't Use Air-Conditioning	883	908	852	800	885	6.9
Electric Air-Conditioning	1,578	1,713	1,366	1,588	1,413	3.3
Central Air-Conditioning	1,701	1,890	1,494	1,648	1,504	3.6
Room/Wall Air-Conditioning	1,274	1,364	1,134	1,240	1,195	4.8

See footnotes at end of table.

Table CE3-8c. Electric Air-Conditioning Energy Consumption in U.S. Households by Urban/Rural Location, 2001 (Continued)

		Urban/Rural Location[1]				
	Total	City	Town	Suburbs	Rural	RSE Row Factors
RSE Column Factor:	0.6	0.8	1.3	1.3	1.3	
	Cooled Square Footage (CSF) per Household[4]					
Cooled Square Footage per Household						
Electric Air-Conditioning	1,724	1,480	1,671	2,144	1,847	3.3
Central Air-Conditioning	2,032	1,771	2,027	2,335	2,182	3.5
Room/Wall Air-Conditioning	967	905	1,026	1,027	1,043	5.5
	Air-Conditioning Intensity[4,a] [kWh÷{CDD×(CSF÷1000)}]					
Air-Conditioning Intensity						
Electric Air-Conditioning	0.83	0.85	0.83	0.80	0.89	2.4
Central Air-Conditioning	0.81	0.83	0.78	0.79	0.87	2.5
Room/Wall Air-Conditioning	0.77	0.75	0.88	0.63	0.85	5.7

[1] Based on the household respondent's description rather than the Federal Government definition.
[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.

Table CE3-9c. Electric Air-Conditioning Energy Consumption in U.S. Households by Northeast Census Region, 2001

	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.1	1.7	
	Million Households				
Total U.S. Households	107.0	20.3	14.8	5.4	NE
No/Don't Use Air-Conditioning	26.2	6.0	3.8	2.3	8.0
Electric Air-Conditioning[1]	80.8	14.2	11.1	3.2	3.4
Central Air-Conditioning[2]	57.5	5.7	4.9	0.8	8.9
Room/Wall Air-Conditioning	23.3	8.5	6.1	2.4	5.6
	Quadrillion Btu[a]				
Electric Air-Conditioning Btu Consumption					
Total	0.62	0.05	0.04	0.01	8.1
Central Air-Conditioning	0.55	0.03	0.02	(*)	12.5
Room/Wall Air-Conditioning	0.08	0.02	0.01	(*)	6.7
	Billion kWh[a]				
Electric Air-Conditioning kWh Consumption					
Total	183	14	11	3	8.1
Central Air-Conditioning	161	8	7	1	12.5
Room/Wall Air-Conditioning	22	5	4	1	6.7
	Million Btu per Household[3,a]				
Electric Air-Conditioning Btu Consumption per Household					
Electric Air-Conditioning	7.7	3.3	3.4	2.7	6.7
Central Air-Conditioning	9.5	4.8	4.8	5.4	7.3
Room/Wall Air-Conditioning	3.2	2.2	2.3	1.9	4.0
	kWh per Household[3,a]				
Electric Air-Conditioning kWh Consumption per Household					
Electric Air-Conditioning	2,263	953	995	805	6.7
Central Air-Conditioning	2,796	1,420	1,393	1,595	7.3
Room/Wall Air-Conditioning	950	642	677	552	4.0
	2001 Cooling Degree-Days (CDD) per Household[3]				
2001 Cooling Degree-Days per Household					
Total U.S. Households	1,407	888	947	726	2.4
No/Don't Use Air-Conditioning	883	820	916	659	5.0
Electric Air-Conditioning	1,578	917	958	773	1.7
Central Air-Conditioning	1,701	835	842	789	2.8
Room/Wall Air-Conditioning	1,274	971	1,050	768	2.2

See footnotes at end of table.

Table CE3-9c. Electric Air-Conditioning Energy Consumption in U.S. Households by Northeast Census Region, 2001 (Continued)

	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.1	1.7	
	Cooled Square Footage (CSF) per Household[3]				
Cooled Square Footage per Household					
Electric Air-Conditioning	1,724	1,505	1,497	1,533	5.5
Central Air-Conditioning	2,032	2,306	2,207	2,944	6.2
Room/Wall Air-Conditioning	967	971	928	1,081	3.9
	Air-Conditioning Intensity[3,a] **[kWh÷{CDD×(CSF÷1000)}]**				
Air-Conditioning Intensity					
Electric Air-Conditioning	0.83	0.69	0.69	0.68	3.1
Central Air-Conditioning	0.81	0.74	0.75	0.69	5.0
Room/Wall Air-Conditioning	0.77	0.68	0.69	0.66	3.9

[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] 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.
[3] 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.
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.

Table CE3-10c. Electric Air-Conditioning Energy Consumption in U.S. Households by Midwest Census Region, 2001

	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.6	0.9	1.1	1.7	
	Million Households				
Total U.S. Households	107.0	24.5	17.1	7.4	NE
No/Don't Use Air-Conditioning	26.2	4.3	3.7	0.7	10.9
Electric Air-Conditioning[1]	80.8	20.2	13.4	6.7	2.3
Central Air-Conditioning[2]	57.5	14.3	9.5	4.8	3.8
Room/Wall Air-Conditioning	23.3	5.8	3.9	1.9	7.1
	Quadrillion Btu[a]				
Electric Air-Conditioning Btu Consumption					
Total	0.62	0.10	0.06	0.04	5.2
Central Air-Conditioning	0.55	0.09	0.05	0.03	6.2
Room/Wall Air-Conditioning	0.08	0.02	0.01	0.01	9.2
	Billion kWh[a]				
Electric Air-Conditioning kWh Consumption					
Total	183	30	18	12	5.2
Central Air-Conditioning	161	25	15	10	6.2
Room/Wall Air-Conditioning	22	5	3	2	9.2
	Million Btu per Household[3,a]				
Electric Air-Conditioning Btu Consumption per Household					
Electric Air-Conditioning	7.7	5.1	4.6	6.0	4.3
Central Air-Conditioning	9.5	6.0	5.5	7.1	4.0
Room/Wall Air-Conditioning	3.2	2.8	2.4	3.4	6.6
	kWh per Household[3,a]				
Electric Air-Conditioning kWh Consumption per Household					
Electric Air-Conditioning	2,263	1,493	1,355	1,768	4.3
Central Air-Conditioning	2,796	1,772	1,621	2,071	4.0
Room/Wall Air-Conditioning	950	808	712	1,004	6.6
	2001 Cooling Degree-Days (CDD) per Household[3]				
2001 Cooling Degree-Days per Household					
Total U.S. Households	1,407	921	856	1,071	3.5
No/Don't Use Air-Conditioning	883	792	781	851	3.7
Electric Air-Conditioning	1,578	949	877	1,093	3.7
Central Air-Conditioning	1,701	967	883	1,131	3.8
Room/Wall Air-Conditioning	1,274	906	861	997	4.4

See footnotes at end of table.

Table CE3-10c. Electric Air-Conditioning Energy Consumption in U.S. Households by Midwest Census Region, 2001 (Continued)

	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.6	0.9	1.1	1.7	
	Cooled Square Footage (CSF) per Household[3]				
Cooled Square Footage per Household					
Electric Air-Conditioning	1,724	2,021	2,031	2,003	3.1
Central Air-Conditioning	2,032	2,378	2,438	2,261	3.1
Room/Wall Air-Conditioning	967	1,146	1,045	1,354	6.5
	Air-Conditioning Intensity[3,a] **[kWh÷{CDD×(CSF÷1000)}]**				
Air-Conditioning Intensity					
Electric Air-Conditioning	0.83	0.78	0.76	0.81	2.4
Central Air-Conditioning	0.81	0.77	0.75	0.81	2.2
Room/Wall Air-Conditioning	0.77	0.78	0.79	0.74	7.3

[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] 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.
[3] 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.
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.

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	
	Million Households					
Total U.S. Households	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[1]	80.8	36.9	19.0	6.4	11.5	1.6
Central Air-Conditioning[2]	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
	Quadrillion Btu[a]					
Electric Air-Conditioning Btu Consumption						
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
	Billion kWh[a]					
Electric Air-Conditioning kWh Consumption						
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
	Million Btu per Household[3,a]					
Electric Air-Conditioning Btu Consumption per Household						
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
	kWh per Household[3,a]					
Electric Air-Conditioning kWh Consumption per Household						
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
	2001 Cooling Degree-Days (CDD) per Household[3]					
2001 Cooling Degree-Days per Household						
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)

	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	
	Cooled Square Footage (CSF) per Household[3]					
Cooled Square Footage per Household						
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
	Air-Conditioning Intensity[3,a] **[kWh÷{CDD×(CSF÷1000)}]**					
Air-Conditioning Intensity						
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

[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] 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.
[3] 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.
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.

Table CE3-12c. Electric Air-Conditioning Energy Consumption in U.S. Households by West Census Region, 2001

	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.4	1.1	1.9	1.3	
	Million Households				
Total U.S. Households	107.0	23.3	6.7	16.6	NE
No/Don't Use Air-Conditioning	26.2	13.8	3.5	10.2	7.6
Electric Air-Conditioning[1]	80.8	9.6	3.2	6.3	7.2
Central Air-Conditioning[2]	57.5	7.1	2.6	4.5	8.5
Room/Wall Air-Conditioning	23.3	2.5	0.6	1.9	10.1
	Quadrillion Btu[a]				
Electric Air-Conditioning Btu Consumption					
Total	0.62	0.05	0.03	0.02	8.5
Central Air-Conditioning	0.55	0.05	0.03	0.02	8.7
Room/Wall Air-Conditioning	0.08	(*)	(*)	(*)	14.3
	Billion kWh[a]				
Electric Air-Conditioning kWh Consumption					
Total	183	15	9	6	8.5
Central Air-Conditioning	161	14	9	5	8.7
Room/Wall Air-Conditioning	22	1	(*)	1	14.3
	Million Btu per Household[3,a]				
Electric Air-Conditioning Btu Consumption per Household					
Electric Air-Conditioning	7.7	5.4	9.7	3.2	6.5
Central Air-Conditioning	9.5	6.7	11.6	3.8	7.1
Room/Wall Air-Conditioning	3.2	1.8	2.3	1.7	9.1
	kWh per Household[3,a]				
Electric Air-Conditioning kWh Consumption per Household					
Electric Air-Conditioning	2,263	1,580	2,850	938	6.5
Central Air-Conditioning	2,796	1,952	3,392	1,126	7.1
Room/Wall Air-Conditioning	950	533	665	488	9.1
	2001 Cooling Degree-Days (CDD) per Household[3]				
2001 Cooling Degree-Days per Household					
Total U.S. Households	1,407	1,125	1,917	804	6.2
No/Don't Use Air-Conditioning	883	784	1,361	586	6.5
Electric Air-Conditioning	1,578	1,615	2,527	1,155	7.7
Central Air-Conditioning	1,701	1,771	2,821	1,170	8.1
Room/Wall Air-Conditioning	1,274	1,176	1,342	1,119	9.8

See footnotes at end of table.

Table CE3-12c. Electric Air-Conditioning Energy Consumption in U.S. Households by West Census Region, 2001 (Continued)

	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.4	1.1	1.9	1.3	
	Cooled Square Footage (CSF) per Household[3]				
Cooled Square Footage per Household					
Electric Air-Conditioning	1,724	1,394	1,383	1,399	5.7
Central Air-Conditioning	2,032	1,660	1,568	1,713	6.4
Room/Wall Air-Conditioning	967	643	640	644	6.7
	Air-Conditioning Intensity[3,a] [kWh÷{CDD×(CSF÷1000)}]				
Air-Conditioning Intensity					
Electric Air-Conditioning	0.83	0.70	0.82	0.58	3.8
Central Air-Conditioning	0.81	0.66	0.77	0.56	4.1
Room/Wall Air-Conditioning	0.77	0.70	0.77	0.68	9.5

[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] 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.
[3] 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.
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.