

Table CE3.4 Annual household site end-use consumption in the South—totals and averages, 2015

	Number of housing units (million)	Total site energy consumption ¹ (trillion Btu)						Average site energy consumption ¹ (million Btu per household using the end use)					
		Total South ²	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴
All homes	44.4	3,064	949	562	479	117	957	68.9	22.7	12.7	11.3	2.7	21.5
Census division													
South Atlantic	23.5	1,584	497	294	238	61	494	67.5	23.2	12.5	10.7	2.6	21.1
East South Central	7.2	498	168	96	61	18	156	69.2	23.6	13.3	9.0	2.5	21.7
West South Central	13.8	981	284	173	179	38	307	71.3	21.6	12.5	13.7	2.8	22.3
Census urban/rural classification⁵													
Urban	33.4	2,267	689	420	370	85	702	67.8	22.1	12.6	11.7	2.6	21.0
Urbanized area	28.1	1,930	569	357	326	73	605	68.8	22.0	12.7	12.2	2.6	21.6
Urban cluster	5.4	336	121	63	44	12	97	62.9	22.7	11.7	8.9	2.4	18.1
Rural	11.0	797	260	142	109	31	255	72.3	24.5	12.9	10.4	2.9	23.1
Metropolitan or micropolitan statistical area													
In metropolitan statistical area	34.7	2,391	711	438	395	93	755	68.9	22.0	12.6	12.0	2.7	21.7
In micropolitan statistical area	6.3	432	164	79	48	15	127	68.6	26.1	12.5	8.0	2.5	20.2
Not in metropolitan or micropolitan statistical area	3.4	240	75	45	36	9	76	69.9	23.1	13.2	10.8	2.6	22.0
Climate region⁶													
Very cold/Cold	Q	Q	Q	Q	Q	Q	Q	92.0	42.9	16.3	3.8	2.3	26.6
Mixed-humid	21.3	1,636	641	304	155	55	481	77.0	30.5	14.3	7.7	2.6	22.6
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	22.4	1,352	273	245	321	59	454	60.5	13.7	10.9	15.1	2.7	20.3
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N

Table CE3.4 Annual household site end-use consumption in the South—totals and averages, 2015

	Number of housing units (million)	Total site energy consumption ¹ (trillion Btu)						Average site energy consumption ¹ (million Btu per household using the end use)					
		Total South ²	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴
All homes	44.4	3,064	949	562	479	117	957	68.9	22.7	12.7	11.3	2.7	21.5
Housing unit type													
Single-family detached	28.7	2,373	785	389	385	87	727	82.7	28.5	13.6	14.1	3.1	25.3
Single-family attached	2.3	129	42	27	19	5	36	56.5	19.7	11.6	8.6	2.3	15.9
Apartments in buildings with 2–4 units	2.4	101	26	25	13	4	33	42.1	12.4	10.5	6.0	1.7	13.6
Apartments in buildings with 5 or more units	7.2	244	42	72	32	12	86	34.0	6.7	10.0	4.6	1.7	12.0
Mobile homes	3.9	216	53	49	30	9	75	55.6	14.9	12.7	8.4	2.2	19.3
Ownership of housing unit													
Owned	28.5	2,295	748	378	369	86	713	80.6	27.7	13.3	13.5	3.0	25.1
Single-family	24.8	2,099	705	336	339	77	641	84.8	29.6	13.6	14.2	3.1	25.9
Apartments	0.8	33	5	7	6	2	14	39.4	8.2	8.2	7.0	2.3	16.3
Mobile homes	2.9	163	38	35	24	7	58	56.5	14.9	12.2	8.7	2.3	20.2
Rented ⁷	16.0	769	201	184	109	31	244	48.1	13.6	11.5	7.4	2.0	15.3
Single-family	6.2	403	122	79	64	15	122	64.8	20.9	12.8	11.2	2.4	19.6
Apartments	8.7	312	64	90	39	14	105	35.7	8.1	10.3	4.8	1.6	12.0
Mobile homes	1.0	53	14	14	6	2	17	53.3	15.1	14.2	7.4	2.0	16.6

Table CE3.4 Annual household site end-use consumption in the South—totals and averages, 2015

	Number of housing units (million)	Total site energy consumption ¹ (trillion Btu)						Average site energy consumption ¹ (million Btu per household using the end use)					
		Total South ²	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Air conditioning	Refrigerators
All homes	44.4	3,064	949	562	479	117	957	68.9	22.7	12.7	11.3	2.7	21.5
Year of construction													
Before 1950	3.9	299	134	49	38	8	69	76.8	35.5	12.7	10.6	2.2	17.7
1950 to 1959	3.6	259	94	44	45	9	68	71.2	27.3	12.2	12.5	2.4	18.6
1960 to 1969	4.5	308	105	51	56	11	85	68.8	24.9	11.4	13.4	2.5	19.0
1970 to 1979	7.2	470	157	88	72	18	135	65.4	23.1	12.2	10.5	2.6	18.7
1980 to 1989	7.3	473	128	85	76	20	164	64.5	19.0	11.6	11.3	2.8	22.3
1990 to 1999	7.7	538	154	105	81	21	177	69.7	21.5	13.6	11.2	2.7	22.9
2000 to 2009	8.2	585	142	111	92	24	215	71.6	18.5	13.7	11.5	3.0	26.4
2010 to 2015	2.0	132	35	29	19	5	44	65.2	18.4	14.1	9.8	2.5	21.9
Total square footage⁸													
Fewer than 1,000	8.5	340	74	92	48	15	111	39.8	9.6	10.8	6.1	1.8	13.0
1,000 to 1,499	12.2	670	169	147	105	27	222	54.8	15.1	12.0	9.1	2.2	18.1
1,500 to 1,999	8.2	573	185	101	101	23	162	69.5	24.1	12.3	12.9	2.9	19.6
2,000 to 2,499	4.9	391	129	66	62	14	119	79.8	27.4	13.6	13.4	2.9	24.3
2,500 to 2,999	3.3	307	113	45	47	11	92	93.7	34.6	13.8	14.8	3.3	28.0
3,000 or greater	7.3	783	278	110	115	27	252	107.8	38.9	15.2	16.3	3.8	34.7
Number of household members													
1 member	10.9	526	193	66	88	23	156	48.3	19.3	6.1	8.6	2.2	14.3
2 members	15.9	1,074	344	167	180	44	340	67.3	22.8	10.5	11.8	2.8	21.3
3 members	7.5	572	174	118	88	21	172	76.8	24.9	15.8	12.2	2.8	23.1
4 members	6.0	526	143	119	74	17	173	87.3	24.9	19.7	12.9	2.9	28.7
5 members	2.7	237	62	59	34	7	75	87.5	24.4	22.0	13.3	2.7	27.5
6 or more members	1.4	128	33	33	16	4	42	90.3	24.1	23.5	12.2	3.0	29.2

Table CE3.4 Annual household site end-use consumption in the South—totals and averages, 2015

	Number of housing units (million)	Total site energy consumption ¹ (trillion Btu)						Average site energy consumption ¹ (million Btu per household using the end use)					
		Total South ²	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Air conditioning	Refrigerators
All homes	44.4	3,064	949	562	479	117	957	68.9	22.7	12.7	11.3	2.7	21.5
2015 annual household income													
Less than \$20,000	9.1	469	143	104	69	18	134	51.4	16.7	11.5	8.4	2.0	14.7
\$20,000 to \$39,999	11.1	651	198	127	99	27	200	58.6	19.6	11.4	9.7	2.4	18.0
\$40,000 to \$59,999	7.7	521	165	97	85	19	154	67.7	22.8	12.6	11.4	2.5	20.0
\$60,000 to \$79,999	5.0	341	99	64	56	13	109	68.6	20.9	12.9	11.5	2.8	21.9
\$80,000 to \$99,999	3.3	256	77	43	46	10	80	76.8	25.0	13.0	13.7	3.0	23.9
\$100,000 to \$119,999	2.6	215	68	37	36	9	66	81.3	26.7	13.9	13.8	3.2	24.8
\$120,000 to \$139,999	1.7	159	49	25	27	6	53	92.9	29.2	14.5	15.9	3.4	30.7
\$140,000 or more	3.9	452	149	65	61	15	162	116.8	39.5	16.8	16.1	3.9	41.9
Payment method for energy bills													
All paid by household	41.8	2,953	918	533	463	112	927	70.7	23.5	12.8	11.7	2.7	22.2
Some paid by household, some included in rent or condo fee	0.8	37	12	8	6	2	10	45.0	14.2	9.9	6.9	2.0	12.3
All included in rent or condo fee	1.5	56	15	16	7	2	16	38.0	10.7	10.8	5.0	1.7	10.5
Some other method	0.4	17	4	5	2	1	5	47.1	11.5	14.5	6.8	1.6	13.0
Main heating fuel													
Natural gas	13.7	1,318	510	216	181	40	371	96.3	37.3	15.8	13.7	3.0	27.1
Electricity	24.9	1,354	315	277	234	62	466	54.5	12.7	11.2	9.9	2.5	18.7
Fuel oil/kerosene	0.8	82	46	11	6	2	17	99.4	55.5	13.5	8.0	2.5	20.1
Propane	1.9	173	71	26	17	6	53	93.0	38.3	13.8	9.4	3.1	28.7

Table CE3.4 Annual household site end-use consumption in the South—totals and averages, 2015

	Number of housing units (million)	Total site energy consumption ¹ (trillion Btu)						Average site energy consumption ¹ (million Btu per household using the end use)					
		Total South ²	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴
All homes	44.4	3,064	949	562	479	117	957	68.9	22.7	12.7	11.3	2.7	21.5

¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded. Electricity consumption from on-site solar photovoltaic generation (i.e., solar panels) is included.

²Total South includes all primary occupied housing units in the South Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

³Includes main (primary) and secondary space heating.

⁴Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the Series 5 tables.

⁵Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people. Urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

⁶These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

⁷Rented includes households that occupy their primary housing units without paying rent.

⁸Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage for some housing units was calculated based on measurements taken by the interviewer. For households responding without the presence of an interviewer, square footage was imputed based on characteristics of the housing unit. See 2015 RECS Square Footage Methodology for full details about data collection and processing.

Q = Data withheld because either the Relative Standard Error (RSE) was greater than 50% or fewer than 10 cases responded.

N = No cases responded.

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, C, D, E, F, G of the 2015 Residential Energy Consumption Survey.