

**Table CE2.4 Annual household site fuel consumption in the South—totals and averages, 2015**

	Number of housing units (million)	Total site energy consumption <sup>1</sup> (trillion Btu)					Average site energy consumption <sup>1</sup> (million Btu per household using the fuel)				
		Total South <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	44.4	3,064	2,107	785	121	51	68.9	47.4	46.9	26.5	46.0
<b>Census division</b>											
South Atlantic	23.5	1,584	1,077	391	68	49	67.5	45.9	50.1	28.5	47.6
East South Central	7.2	498	357	119	20	Q	69.2	49.6	47.0	19.2	Q
West South Central	13.8	981	673	275	33	Q	71.3	48.9	42.9	28.8	Q
<b>Census urban/rural classification<sup>3</sup></b>											
Urban	33.4	2,267	1,500	692	41	35	67.8	44.9	47.0	26.2	49.5
Urbanized area	28.1	1,930	1,279	583	Q	34	68.8	45.6	47.5	31.5	52.1
Urban cluster	5.4	336	220	109	6	Q	62.9	41.2	44.5	13.9	Q
Rural	11.0	797	607	93	80	Q	72.3	55.1	46.0	26.6	39.9
<b>Metropolitan or micropolitan statistical area</b>											
In metropolitan statistical area	34.7	2,391	1,632	639	72	47	68.9	47.0	46.9	30.4	49.4
In micropolitan statistical area	6.3	432	295	116	18	Q	68.6	46.9	47.3	19.0	Q
Not in metropolitan or micropolitan statistical area	3.4	240	180	30	30	Q	69.9	52.2	45.5	24.7	Q
<b>Climate region<sup>4</sup></b>											
Very cold/Cold	Q	Q	Q	Q	Q	N	92.0	39.6	64.3	Q	N
Mixed-humid	21.3	1,636	1,010	477	99	51	77.0	47.5	54.7	32.9	46.7
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	22.4	1,352	1,065	266	20	Q	60.5	47.6	36.1	13.5	Q
Marine	N	N	N	N	N	N	N	N	N	N	N

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		Total South <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	44.4	3,064	2,107	785	121	51	68.9	47.4	46.9	26.5	46.0
<b>Housing unit type</b>											
Single-family detached	28.7	2,373	1,549	671	105	49	82.7	54.0	52.1	28.7	49.2
Single-family attached	2.3	129	86	42	Q	N	56.5	37.7	41.8	Q	N
Apartments in buildings with 2–4 units	2.4	101	73	26	Q	Q	42.1	30.4	30.9	Q	Q
Apartments in buildings with 5 or more units	7.2	244	212	30	Q	Q	34.0	29.5	20.3	Q	Q
Mobile homes	3.9	216	187	16	13	Q	55.6	48.2	29.9	18.4	Q
<b>Ownership of housing unit</b>											
Owned	28.5	2,295	1,504	637	110	44	80.6	52.8	52.1	28.4	48.6
Single-family	24.8	2,099	1,338	620	98	43	84.8	54.0	53.0	30.2	50.4
Apartments	0.8	33	26	Q	Q	N	39.4	30.7	Q	Q	N
Mobile homes	2.9	163	140	10	12	Q	56.5	48.8	27.8	19.5	Q
Rented <sup>5</sup>	16.0	769	603	147	11	Q	48.1	37.8	32.8	15.7	Q
Single-family	6.2	403	297	93	8	Q	64.8	47.8	42.3	16.3	Q
Apartments	8.7	312	259	49	Q	Q	35.7	29.7	22.9	Q	Q
Mobile homes	1.0	53	46	Q	Q	N	53.3	46.3	Q	Q	N

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		Total South <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	44.4	3,064	2,107	785	121	51	68.9	47.4	46.9	26.5	46.0
<b>Year of construction</b>											
Before 1950	3.9	299	158	121	8	Q	76.8	40.5	52.0	25.0	55.8
1950 to 1959	3.6	259	165	78	7	Q	71.2	45.2	43.7	24.4	Q
1960 to 1969	4.5	308	188	101	13	Q	68.8	41.9	42.2	31.6	Q
1970 to 1979	7.2	470	331	114	8	16	65.4	46.1	41.3	15.1	48.1
1980 to 1989	7.3	473	350	103	16	Q	64.5	47.8	49.3	18.9	Q
1990 to 1999	7.7	538	390	130	14	Q	69.7	50.5	48.5	17.4	Q
2000 to 2009	8.2	585	431	106	Q	Q	71.6	52.7	50.5	45.8	Q
2010 to 2015	2.0	132	95	32	5	N	65.2	46.9	53.0	20.8	N
<b>Total square footage<sup>6</sup></b>											
Fewer than 1,000	8.5	340	273	60	6	Q	39.8	32.0	24.5	12.1	Q
1,000 to 1,499	12.2	670	524	125	16	Q	54.8	42.9	35.5	16.0	Q
1,500 to 1,999	8.2	573	394	146	18	15	69.5	47.8	45.3	22.0	43.2
2,000 to 2,499	4.9	391	253	111	21	Q	79.8	51.8	53.5	29.7	Q
2,500 to 2,999	3.3	307	190	95	11	Q	93.7	58.0	56.7	23.1	Q
3,000 or greater	7.3	783	472	248	Q	15	107.8	65.0	65.1	46.0	71.1
<b>Number of household members</b>											
1 member	10.9	526	356	144	13	Q	48.3	32.7	37.0	14.7	53.1
2 members	15.9	1,074	742	272	47	12	67.3	46.5	45.3	24.4	33.1
3 members	7.5	572	382	150	31	Q	76.8	51.2	50.9	31.2	Q
4 members	6.0	526	359	140	Q	Q	87.3	59.6	56.3	Q	Q
5 members	2.7	237	174	53	Q	Q	87.5	64.1	56.3	Q	Q
6 or more members	1.4	128	94	26	Q	Q	90.3	66.3	53.8	Q	Q

**Table CE2.4 Annual household site fuel consumption in the South—totals and averages, 2015**

	Number of housing units (million)	Total site energy consumption <sup>1</sup> (trillion Btu)					Average site energy consumption <sup>1</sup> (million Btu per household using the fuel)				
		Total South <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	44.4	3,064	2,107	785	121	51	68.9	47.4	46.9	26.5	46.0
<b>2015 annual household income</b>											
Less than \$20,000	9.1	469	337	108	15	Q	51.4	36.9	33.4	17.9	Q
\$20,000 to \$39,999	11.1	651	472	153	19	8	58.6	42.4	40.0	19.7	32.4
\$40,000 to \$59,999	7.7	521	364	140	12	Q	67.7	47.4	49.5	17.7	Q
\$60,000 to \$79,999	5.0	341	247	72	16	Q	68.6	49.8	48.0	29.4	Q
\$80,000 to \$99,999	3.3	256	177	67	8	Q	76.8	53.1	51.6	29.6	Q
\$100,000 to \$119,999	2.6	215	143	58	5	Q	81.3	54.2	50.3	15.6	Q
\$120,000 to \$139,999	1.7	159	107	37	10	Q	92.9	62.4	56.3	28.6	Q
\$140,000 or more	3.9	452	260	150	Q	Q	116.8	67.1	66.7	56.7	Q
<b>Payment method for energy bills</b>											
All paid by household	41.8	2,953	2,032	752	119	50	70.7	48.6	48.7	27.0	47.7
Some paid by household, some included in rent or condo fee	0.8	37	26	10	Q	Q	45.0	31.7	19.7	Q	Q
All included in rent or condo fee	1.5	56	38	19	N	N	38.0	25.3	28.2	N	N
Some other method	0.4	17	11	Q	Q	Q	47.1	31.4	Q	Q	Q
<b>Main heating fuel</b>											
Natural gas	13.7	1,318	591	725	Q	Q	96.3	43.2	53.0	Q	Q
Electricity	24.9	1,354	1,260	54	37	Q	54.5	50.7	21.8	15.2	Q
Fuel oil/kerosene	0.8	82	34	Q	Q	47	99.4	41.5	Q	Q	57.1
Propane	1.9	173	92	N	81	N	93.0	49.6	N	43.4	N

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		Total South <sup>2</sup>	Total	Electricity	Natural gas	Propane	Fuel oil/ kerosene	Total	Electricity	Natural gas	Propane
<b>All homes</b>	44.4	3,064	2,107	785	121	51	68.9	47.4	46.9	26.5	46.0

<sup>1</sup>Consumption 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.

<sup>2</sup>Total 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.

<sup>3</sup>Housing 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.

<sup>4</sup>These 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).

<sup>5</sup>Rented includes households that occupy their primary housing units without paying rent.

<sup>6</sup>Total 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.

**Table CE2.4 Annual household site fuel consumption in the South—totals and averages, 2015**

	Number of housing units (million)	Total site energy consumption <sup>1</sup>				Average site energy consumption <sup>1</sup> (per household using the fuel)			
		Total South <sup>2</sup>	Electricity (billion kWh)	Natural gas (billion cf)	Propane (million gallons)	Fuel oil/ kerosene (million gallons)	Electricity (kWh)	Natural gas (ccf)	Propane (gallons)
<b>All homes</b>	44.4	618	772	1,321	371	13,895	462	290	335
<b>Census division</b>									
South Atlantic	23.5	316	385	740	355	13,447	494	312	347
East South Central	7.2	105	117	223	Q	14,536	462	211	Q
West South Central	13.8	197	270	358	Q	14,324	422	316	Q
<b>Census urban/rural classification<sup>3</sup></b>									
Urban	33.4	440	681	446	252	13,154	463	287	361
Urbanized area	28.1	375	574	Q	244	13,361	468	345	379
Urban cluster	5.4	65	107	70	Q	12,068	439	152	Q
Rural	11.0	178	91	875	Q	16,141	451	291	290
<b>Metropolitan or micropolitan statistical area</b>									
In metropolitan statistical area	34.7	478	628	793	345	13,785	461	332	359
In micropolitan statistical area	6.3	87	114	200	Q	13,736	466	208	Q
Not in metropolitan or micropolitan statistical area	3.4	53	29	328	Q	15,296	451	270	Q
<b>Climate region<sup>4</sup></b>									
Very cold/Cold	Q	Q	Q	Q	N	11,599	632	Q	N
Mixed-humid	21.3	296	471	1,083	368	13,918	540	361	340
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N
Hot-humid	22.4	312	261	221	Q	13,957	354	148	Q
Marine	N	N	N	N	N	N	N	N	N

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		Total South <sup>2</sup>	Electricity (billion kWh)	Natural gas (billion cf)	Propane (million gallons)	Fuel oil/ kerosene (million gallons)	Electricity (kWh)	Natural gas (ccf)	Propane (gallons)
<b>All homes</b>	44.4	618	772	1,321	371	13,895	462	290	335
<b>Housing unit type</b>									
Single-family detached	28.7	454	661	1,146	355	15,819	513	314	358
Single-family attached	2.3	25	40	Q	N	11,063	404	Q	N
Apartments in buildings with 2–4 units	2.4	21	26	Q	Q	8,919	303	Q	Q
Apartments in buildings with 5 or more units	7.2	62	30	Q	Q	8,652	200	Q	Q
Mobile homes	3.9	55	15	143	Q	14,113	294	202	Q
<b>Ownership of housing unit</b>									
Owned	28.5	441	628	1,200	318	15,482	513	311	354
Single-family	24.8	392	611	1,073	315	15,839	523	330	367
Apartments	0.8	8	Q	Q	N	9,003	Q	Q	N
Mobile homes	2.9	41	10	127	Q	14,301	271	213	Q
Rented <sup>5</sup>	16.0	177	144	120	Q	11,065	321	172	Q
Single-family	6.2	87	91	84	Q	13,998	414	178	Q
Apartments	8.7	76	48	Q	Q	8,692	225	Q	Q
Mobile homes	1.0	14	Q	Q	N	13,574	Q	Q	N

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<b>All homes</b>	44.4	618	772	1,321	371	13,895	462	290	335	
<b>Year of construction</b>										
Before 1950	3.9	46	118	93	Q	11,872	509	273	406	
1950 to 1959	3.6	48	77	77	Q	13,247	431	267	Q	
1960 to 1969	4.5	55	99	147	Q	12,282	413	346	Q	
1970 to 1979	7.2	97	113	88	118	13,512	407	165	350	
1980 to 1989	7.3	103	101	171	Q	13,996	487	207	Q	
1990 to 1999	7.7	114	128	159	Q	14,799	479	190	Q	
2000 to 2009	8.2	126	104	Q	Q	15,459	498	501	Q	
2010 to 2015	2.0	28	31	60	N	13,747	527	227	N	
<b>Total square footage<sup>6</sup></b>										
Fewer than 1,000	8.5	80	59	67	Q	9,365	243	133	Q	
1,000 to 1,499	12.2	154	123	174	Q	12,574	350	176	Q	
1,500 to 1,999	8.2	115	143	197	109	13,999	444	241	314	
2,000 to 2,499	4.9	74	109	230	Q	15,186	525	325	Q	
2,500 to 2,999	3.3	56	93	124	Q	16,990	557	253	Q	
3,000 or greater	7.3	138	244	Q	108	19,060	642	504	517	



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		Total South <sup>2</sup>	Electricity (billion kWh)	Natural gas (billion cf)	Propane (million gallons)	Fuel oil/ kerosene (million gallons)	Electricity (kWh)	Natural gas (ccf)	Propane (gallons)	Fuel oil/ kerosene (gallons)
<b>All homes</b>	44.4	618	772	1,321	371	13,895	462	290	335	
<b>Number of household members</b>										
1 member	10.9	104	141	145	Q	9,585	365	160	386	
2 members	15.9	217	268	519	88	13,638	447	267	241	
3 members	7.5	112	148	341	Q	15,019	502	341	Q	
4 members	6.0	105	137	Q	Q	17,463	553	Q	Q	
5 members	2.7	51	52	Q	Q	18,785	551	Q	Q	
6 or more members	1.4	28	25	Q	Q	19,435	529	Q	Q	
<b>2015 annual household income</b>										
Less than \$20,000	9.1	99	105	164	Q	10,829	327	195	Q	
\$20,000 to \$39,999	11.1	138	150	204	60	12,441	394	215	236	
\$40,000 to \$59,999	7.7	107	138	127	Q	13,886	488	194	Q	
\$60,000 to \$79,999	5.0	72	70	179	Q	14,605	470	322	Q	
\$80,000 to \$99,999	3.3	52	67	92	Q	15,549	512	324	Q	
\$100,000 to \$119,999	2.6	42	57	49	Q	15,871	497	171	Q	
\$120,000 to \$139,999	1.7	31	36	112	Q	18,301	553	314	Q	
\$140,000 or more	3.9	76	148	Q	Q	19,669	657	620	Q	
<b>Payment method for energy bills</b>										
All paid by household	41.8	595	740	1,300	364	14,256	480	296	347	
Some paid by household, some included in rent or condo fee	0.8	8	10	Q	Q	9,299	196	Q	Q	
All included in rent or condo fee	1.5	11	18	N	N	7,424	273	N	N	
Some other method	0.4	3	Q	Q	Q	9,195	Q	Q	Q	

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		Total South <sup>2</sup>	Electricity (billion kWh)	Natural gas (billion cf)	Propane (million gallons)	Fuel oil/kerosene (million gallons)	Electricity (kWh)	Natural gas (ccf)	Propane (gallons)
<b>All homes</b>	44.4	618	772	1,321	371	13,895	462	290	335
<b>Main heating fuel</b>									
Natural gas	13.7	173	713	Q	Q	12,663	521	Q	Q
Electricity	24.9	369	53	408	Q	14,859	215	167	Q
Fuel oil/kerosene	0.8	10	Q	Q	343	12,171	Q	Q	415
Propane	1.9	27	N	882	N	14,525	N	475	N

<sup>1</sup>Consumption 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.

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