

Table CE4.19 Annual household end-use expenditures by fuel in the South—averages, 2015

	Number of housing units (million)		Average energy expenditures ¹ (dollars per household using the fuel and end use)																	
	Total South ²	Total	Electricity						Natural gas				Propane				Fuel oil/kerosene			
			Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other
All homes	44.4	1,917	1,630	384	368	392	93	660	549	385	202	90	576	531	400	198	859	775	Q	Q
Census division																				
South Atlantic	23.5	1,963	1,652	377	376	386	95	675	630	441	231	100	627	577	489	272	890	799	Q	Q
East South Central	7.2	1,907	1,641	437	389	304	85	647	551	391	228	114	456	411	399	100	Q	Q	N	N
West South Central	13.8	1,843	1,585	366	336	447	93	640	451	312	163	70	582	587	312	129	Q	Q	N	N
Census urban/rural classification⁵																				
Urban	33.4	1,838	1,548	327	351	403	91	643	556	389	203	93	561	487	529	252	945	872	Q	Q
Urbanized area	28.1	1,880	1,580	312	354	423	92	662	574	397	211	99	669	651	616	278	992	914	Q	Q
Urban cluster	5.4	1,621	1,376	406	337	294	81	542	470	349	164	65	308	285	Q	Q	Q	Q	N	N
Rural	11.0	2,155	1,878	533	409	358	99	710	497	360	191	69	584	551	339	174	713	615	Q	Q
Metropolitan or micropolitan statistical area																				
In metropolitan statistical area	34.7	1,919	1,627	351	362	416	95	668	567	390	209	98	641	605	494	217	920	824	Q	Q
In micropolitan statistical area	6.3	1,845	1,579	508	379	272	84	611	486	378	166	63	453	400	Q	167	Q	Q	N	N
Not in metropolitan or micropolitan statistical area	3.4	2,030	1,753	465	405	366	87	667	419	317	189	30	547	532	269	174	Q	Q	N	N
Climate region⁶																				
Very cold/Cold	Q	1,740	1,222	Q	Q	119	74	732	606	446	179	38	Q	Q	N	N	N	N	N	N
Mixed-humid	21.3	2,048	1,636	511	415	268	92	685	656	457	227	100	697	597	446	251	872	787	Q	Q
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	22.4	1,799	1,639	272	326	520	94	633	418	274	178	86	335	311	325	125	Q	Q	N	N
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Housing unit type																				
Single-family detached	28.7	2,224	1,843	457	377	484	106	761	603	421	209	96	624	556	399	229	920	842	Q	Q
Single-family attached	2.3	1,567	1,323	311	333	303	84	509	530	384	215	59	Q	Q	Q	Q	N	N	N	N
Apartments in buildings with 2-4 units	2.4	1,187	1,040	274	311	206	58	389	368	243	157	93	Q	Q	Q	N	Q	Q	N	N
Apartments in buildings with 5 or more units	7.2	1,098	1,038	196	326	162	62	409	267	130	163	54	Q	N	N	Q	Q	Q	Q	N
Mobile homes	3.9	1,818	1,694	396	435	294	80	631	365	265	Q	85	403	410	Q	Q	Q	Q	N	N

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			Total South ²	Total	Total	Space heating ³	Water heating	Air conditioning	Refrigerators	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³	Water heating	Other ⁴	Total	Space heating ³
All homes	44.4	1,917	1,630	384	368	392	93	660	549	385	202	90	576	531	400	198	859	775	Q	Q
Ownership of housing unit																				
Owned	28.5	2,182	1,812	437	375	464	106	754	601	421	205	96	616	543	412	214	913	827	Q	Q
Single-family	24.8	2,257	1,849	453	375	491	109	774	611	429	205	95	655	560	413	242	946	857	Q	Q
Apartments	0.8	1,161	1,058	126	201	237	80	509	Q	Q	Q	Q	Q	Q	N	N	N	N	N	N
Mobile homes	2.9	1,840	1,706	386	420	302	84	647	352	245	Q	105	422	455	Q	Q	Q	Q	N	N
Rented ⁷	16.0	1,444	1,305	307	359	258	70	492	408	274	194	74	359	442	Q	94	Q	Q	Q	N
Single-family	6.2	1,854	1,625	419	369	386	84	617	526	360	236	82	372	Q	Q	104	Q	Q	Q	N
Apartments	8.7	1,117	1,037	220	335	166	59	394	290	165	154	69	Q	N	Q	Q	Q	Q	Q	N
Mobile homes	1.0	1,756	1,659	422	480	268	71	582	Q	Q	Q	Q	Q	Q	N	Q	N	N	N	N
Year of construction																				
Before 1950	3.9	1,856	1,394	448	318	369	78	543	583	452	193	46	616	859	Q	131	1,089	1,096	Q	N
1950 to 1959	3.6	1,904	1,566	412	377	431	86	564	501	422	171	100	559	Q	Q	Q	Q	Q	Q	N
1960 to 1969	4.5	1,795	1,430	392	304	457	87	557	498	339	172	84	793	878	Q	Q	Q	Q	N	N
1970 to 1979	7.2	1,861	1,599	471	355	367	92	603	493	349	186	80	410	378	Q	128	893	723	Q	Q
1980 to 1989	7.3	1,876	1,656	341	352	394	97	696	588	397	201	118	387	349	Q	146	Q	Q	N	Q
1990 to 1999	7.7	1,967	1,719	378	407	381	95	725	567	397	218	71	390	394	Q	115	Q	Q	Q	N
2000 to 2009	8.2	2,076	1,804	345	387	392	103	765	614	348	270	151	896	625	485	380	Q	Q	N	N
2010 to 2015	2.0	1,836	1,606	277	406	343	87	678	594	412	247	102	444	Q	Q	70	N	N	N	N
Total square footage⁸																				
Fewer than 1,000	8.5	1,213	1,109	251	342	210	63	411	299	176	160	64	284	Q	Q	71	Q	Q	Q	N
1,000 to 1,499	12.2	1,647	1,486	334	370	317	78	582	432	295	209	84	358	319	Q	127	Q	Q	Q	N
1,500 to 1,999	8.2	1,942	1,643	408	366	446	98	616	539	371	197	73	548	677	208	130	800	711	Q	Q
2,000 to 2,499	4.9	2,165	1,778	430	388	461	100	727	637	431	216	102	694	571	Q	208	Q	Q	N	Q
2,500 to 2,999	3.3	2,439	1,969	514	378	509	113	847	669	447	202	103	445	399	Q	135	Q	Q	Q	N
3,000 or greater	7.3	2,768	2,215	567	391	558	131	1,003	725	516	221	114	929	757	425	402	1,365	1,287	Q	N
Number of household members																				
1 member	10.9	1,349	1,141	323	176	302	79	441	433	358	110	75	373	462	194	83	1,047	988	Q	N
2 members	15.9	1,899	1,614	400	307	407	97	655	541	394	176	98	546	502	319	233	620	504	Q	Q
3 members	7.5	2,111	1,765	376	459	422	97	709	597	411	249	75	652	561	486	223	Q	Q	Q	N
4 members	6.0	2,381	2,029	429	572	443	101	871	643	364	286	115	768	633	Q	226	Q	Q	N	N
5 members	2.7	2,413	2,123	454	638	450	91	821	646	414	328	102	Q	Q	Q	Q	Q	Q	N	Q
6 or more members	1.4	2,530	2,198	413	732	407	99	931	618	392	314	54	Q	Q	Q	Q	Q	Q	N	N

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All homes	44.4	1,917	1,630	384	368	392	93	660	549	385	202	90	576	531	400	198	859	775	Q	Q		
2015 annual household income																						
Less than \$20,000	9.1	1,480	1,277	343	353	294	71	462	412	281	180	66	411	562	291	74	Q	Q	Q	N		
\$20,000 to \$39,999	11.1	1,678	1,465	359	343	334	85	573	466	347	191	71	450	435	Q	102	634	634	N	N		
\$40,000 to \$59,999	7.7	1,881	1,623	379	368	396	88	629	564	408	198	77	443	380	Q	138	Q	Q	N	N		
\$60,000 to \$79,999	5.0	1,986	1,720	380	403	397	96	680	584	387	200	107	635	529	Q	180	Q	Q	Q	N		
\$80,000 to \$99,999	3.3	2,137	1,824	402	374	469	106	739	615	409	213	128	633	647	Q	Q	Q	Q	Q	N		
\$100,000 to \$119,999	2.6	2,224	1,851	409	398	468	112	776	614	394	226	81	420	Q	Q	Q	Q	Q	Q	N		
\$120,000 to \$139,999	1.7	2,570	2,123	411	433	546	115	915	693	515	246	91	631	510	Q	Q	Q	Q	N	Q		
\$140,000 or more	3.9	2,925	2,291	585	388	557	134	1,147	732	490	226	143	1,085	831	474	417	Q	Q	Q	Q		
Payment method for energy bills																						
All paid by household	41.8	1,964	1,670	388	373	404	95	678	570	399	205	94	588	531	400	205	892	811	Q	Q		
Some paid by household, some included in rent or condo fee	0.8	1,303	1,131	445	234	242	72	379	253	171	158	76	Q	N	Q	Q	Q	Q	N	N		
All included in rent or condo fee	1.5	1,051	900	251	296	173	61	346	335	179	175	31	N	N	N	N	N	N	N	N		
Some other method	0.4	1,378	1,142	344	Q	250	62	437	Q	Q	Q	Q	Q	N	Q	Q	Q	Q	Q	N		
Main heating fuel																						
Natural gas	13.7	2,116	1,503	203	394	477	105	807	610	405	201	70	Q	N	Q	Q	Q	Q	Q	N		
Electricity	24.9	1,796	1,730	410	365	341	87	579	307	53	225	187	342	168	397	273	Q	Q	Q	Q		
Fuel oil/kerosene	0.8	2,621	1,538	379	470	297	91	685	Q	Q	N	Q	Q	Q	N	Q	1,062	974	Q	Q		
Propane	1.9	2,612	1,682	271	387	320	105	879	N	N	N	N	929	769	399	91	N	N	N	N		

¹Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

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.