

**Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2017, United States**

Year	Coal <sup>a</sup> Million Short Tons	Natural Gas <sup>b</sup> Billion Cubic Feet	Petroleum				Total	Biomass			Electricity Retail Sales Billion Kilowatthours	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
			Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Wood <sup>d</sup>		Geothermal <sup>e</sup>	Solar <sup>e,f</sup>					
										Million Barrels				
1960	24	3,103	269	79	62	411	---	---	---	201	---	---	---	
1965	15	3,903	294	100	59	453	---	---	---	291	---	---	---	
1970	9	4,837	322	143	53	518	---	---	---	466	---	---	---	
1975	3	4,924	310	133	28	472	---	---	---	588	---	---	---	
1980	1	4,752	226	81	19	326	---	---	---	717	---	---	---	
1985	2	4,435	188	82	28	297	---	---	---	794	---	---	---	
1990	1	4,391	168	92	11	271	---	---	---	924	---	---	---	
1995	1	4,850	155	103	13	271	---	---	---	1,043	---	---	---	
1996	1	5,241	159	122	16	297	---	---	---	1,083	---	---	---	
1997	1	4,984	150	119	16	285	---	---	---	1,076	---	---	---	
1998	1	4,520	133	111	19	262	---	---	---	1,130	---	---	---	
1999	1	4,726	142	137	20	299	---	---	---	1,145	---	---	---	
2000	(s)	4,996	155	145	17	317	---	---	---	1,192	---	---	---	
2001	(s)	4,771	156	137	17	310	---	---	---	1,202	---	---	---	
2002	1	4,889	148	140	11	298	---	---	---	1,265	---	---	---	
2003	1	5,079	160	142	12	314	---	---	---	1,276	---	---	---	
2004	1	4,869	159	133	15	307	---	---	---	1,292	---	---	---	
2005	(s)	4,827	147	134	15	295	---	---	---	1,359	---	---	---	
2006	(s)	4,368	122	116	12	250	---	---	---	1,352	---	---	---	
2007	(s)	4,722	125	126	8	258	---	---	---	1,392	---	---	---	
2008	0	4,892	130	144	4	278	---	---	---	1,381	---	---	---	
2009	0	4,779	101	143	5	248	---	---	---	1,365	---	---	---	
2010	0	4,782	97	138	5	240	---	---	---	1,446	---	---	---	
2011	0	4,714	90	128	3	222	---	---	---	1,423	---	---	---	
2012	0	4,150	84	103	1	188	---	---	---	1,375	---	---	---	
2013	0	4,897	85	121	1	207	---	---	---	1,395	---	---	---	
2014	0	5,087	92	127	2	222	---	---	---	1,407	---	---	---	
2015	0	4,613	96	116	2	213	---	---	---	1,404	---	---	---	
2016	0	R 4,347	75	112	2	190	---	---	---	1,411	---	---	---	
2017	0	4,412	75	112	1	189	---	---	---	1,379	---	---	---	

**Trillion Btu**

1960	578	3,212	1,568	305	354	R 2,228	627	NA	NA	687	R 7,332	1,701	9,033
1965	348	4,019	1,713	R 386	334	2,432	468	NA	NA	993	R 8,261	2,372	10,632
1970	207	4,953	1,878	549	298	R 2,726	401	NA	NA	1,591	R 9,877	3,851	R 13,729
1975	62	5,024	1,807	512	161	2,479	425	NA	NA	2,007	R 9,998	4,816	R 14,815
1980	31	4,855	1,316	R 312	107	1,734	846	NA	NA	2,448	R 9,846	5,886	R 15,732
1985	39	4,566	1,092	R 315	159	R 1,566	1,010	NA	NA	2,709	R 9,835	6,206	R 16,042
1990	31	4,519	978	R 353	64	R 1,395	582	6	55	3,153	R 9,694	7,243	16,937
1995	17	4,984	904	395	74	R 1,374	520	7	63	3,557	R 10,481	8,032	R 18,513
1996	16	5,391	925	469	89	1,483	540	7	63	3,694	R 11,154	8,350	R 19,504
1997	16	5,125	874	455	93	R 1,422	428	7	62	3,671	R 10,694	8,265	R 18,960
1998	12	4,671	771	424	108	R 1,304	380	8	62	3,856	R 10,259	8,689	R 18,948
1999	14	4,857	827	R 527	111	R 1,465	390	9	60	3,906	R 10,666	8,873	R 19,539
2000	11	5,104	904	R 556	95	R 1,554	420	9	58	4,069	R 11,191	9,198	R 20,389
2001	11	4,902	907	526	95	R 1,529	374	9	55	4,100	R 10,951	9,075	R 20,026
2002	12	5,006	859	R 538	60	R 1,457	380	10	53	4,317	R 11,212	9,551	R 20,763
2003	12	5,224	931	R 545	70	R 1,547	400	13	52	4,353	R 11,576	9,507	R 21,083
2004	11	4,993	923	512	85	R 1,520	410	14	51	4,408	R 11,387	9,656	R 21,043
2005	8	4,958	853	R 514	84	1,450	428	16	50	4,638	R 11,528	10,044	21,571
2006	6	4,483	709	446	66	R 1,222	380	18	53	4,611	R 10,752	9,872	R 20,624
2007	8	4,849	721	484	44	1,249	420	22	55	4,750	11,334	10,155	21,489
2008	0	5,018	750	553	21	R 1,325	470	26	58	4,711	11,589	10,046	R 21,635
2009	0	4,899	582	R 548	28	1,157	504	33	60	4,657	R 11,290	9,760	21,050
2010	0	4,887	561	R 530	29	1,120	R 541	37	65	4,933	R 11,564	10,296	R 21,860
2011	0	4,817	R 522	R 493	19	1,033	R 524	40	71	4,855	R 11,323	10,022	R 21,346
2012	0	4,253	482	R 396	8	885	R 438	40	79	4,690	R 10,369	9,459	R 19,828
2013	0	5,037	491	463	8	962	R 572	40	91	4,759	R 11,446	9,574	R 21,019
2014	0	5,258	R 532	R 490	14	1,035	R 579	40	109	4,801	R 11,804	9,614	R 21,418
2015	0	4,794	R 550	R 446	10	1,006	R 513	40	R 128	4,791	R 11,256	9,330	R 20,586
2016	0	R 4,525	434	R 430	14	877	R 448	40	R 161	4,815	R 10,851	9,300	R 20,151
2017	0	4,592	431	431	8	870	433	40	193	4,704	10,817	9,047	19,864

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.  
<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> Wood and wood-derived fuels.  
<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.  
<sup>g</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>h</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
 --- = Not applicable. NA = Not available.  
 Where shown, R = Revised data and (s) = Value less than 0.5.  
 Notes: Totals may not equal sum of components due to independent rounding. - The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.  
 Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.