

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2018, United States

Year	Coal ^a Million Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass Wood ^d	Geothermal ^e	Solar ^{e,f}	Electricity Retail Sales	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
			Distillate Fuel Oil	HGL ^c	Kerosene	Total				Billion Kilowatthours			
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	4,433	188	82	28	297	--	--	--	794	--	--	--
1990	1	4,391	168	92	11	271	--	--	--	924	--	--	--
1995	1	4,850	155	103	13	271	--	--	--	1,043	--	--	--
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	4,347	75	112	2	190	--	--	--	1,411	--	--	--
2017	0	4,412	75	112	1	189	--	--	--	1,379	--	--	--
2018	0	4,996	88	132	1	221	--	--	--	1,469	--	--	--

Trillion Btu

1960	578	3,212	1,568	305	354	2,228	627	NA	NA	687	7,332	1,701	9,033
1965	348	4,019	1,713	386	334	2,432	468	NA	NA	993	8,261	2,372	10,632
1970	207	4,953	1,878	549	298	2,726	401	NA	NA	1,591	9,877	3,851	13,729
1975	62	5,024	1,807	512	161	2,479	425	NA	NA	2,007	9,998	4,816	14,815
1980	31	4,855	1,316	312	107	1,734	846	NA	NA	2,448	9,846	5,886	15,732
1985	39	4,566	1,092	315	159	1,566	1,010	NA	NA	2,709	9,835	6,206	16,042
1990	31	4,519	978	353	64	1,395	582	6	55	3,153	9,694	R 7,236	R 16,931
1995	17	4,984	904	395	74	1,374	520	7	63	3,557	10,481	R 8,028	R 18,509
2000	11	5,104	904	556	95	1,554	420	9	58	4,069	11,191	R 9,194	R 20,385
2001	11	4,902	907	526	95	1,529	374	9	55	4,100	10,951	R 9,076	R 20,027
2002	12	5,006	859	538	60	1,457	380	10	53	4,317	11,212	9,551	20,763
2003	12	5,224	931	545	70	1,547	400	13	52	4,353	11,576	R 9,505	R 21,081
2004	11	4,993	923	512	85	1,520	410	14	51	4,408	11,387	9,656	21,043
2005	8	4,958	853	514	84	1,450	428	16	50	4,638	11,528	R 10,047	R 21,574
2006	6	4,483	709	446	66	1,222	380	18	53	4,611	10,752	R 9,879	R 20,632
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	1,325	470	26	58	4,711	11,589	10,046	21,635
2009	0	4,899	582	548	28	1,157	504	33	60	4,657	11,290	R 9,762	R 21,052
2010	0	4,887	561	530	29	1,120	541	37	65	4,933	11,564	10,296	21,860
2011	0	4,817	522	493	19	1,033	524	40	71	4,855	11,323	10,022	21,346
2012	0	4,253	482	396	8	885	438	40	79	4,690	10,369	R 9,460	R 19,829
2013	0	5,037	491	463	8	962	572	40	91	4,759	11,446	R 9,573	R 21,018
2014	0	5,258	532	490	14	1,035	579	40	R 110	4,801	R 11,805	9,614	R 21,418
2015	0	4,794	550	446	10	1,006	513	40	128	4,791	R 11,257	9,330	R 20,587
2016	0	4,525	434	430	14	877	R 442	40	R 162	4,815	R 10,846	9,300	R 20,146
2017	0	4,592	431	431	8	870	R 425	40	R 194	4,704	R 10,810	9,047	R 19,856
2018	0	5,200	506	507	8	1,021	517	40	221	5,013	11,996	9,478	21,474

^a Beginning in 2008, data are no longer collected and are assumed to be zero.
^b Includes supplemental gaseous fuels that are commingled with natural gas.
^c Hydrocarbon gas liquids, assumed to be propane only.
^d Wood and wood-derived fuels.
^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
^g 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.

^h 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.