Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, Washington

Year	Coal [a]	Natural gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity [g]	End use [e,h]	Electrical system energy losses [i]	Total [e,h]
			Distillate fuel oil	HGL [c]	Kerosene	Total							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood [d]			Million kilowatthours			
1960	106	8	7,303	322	0	7,625	– –	– –	– –	8,755	– –	– –	– –
1965	83	17	6,495	830	9	7,335	– –	– –	– –	11,015	– –	– –	– –
1970	19	32	7,035	1,063	115	8,214	– –	– –	– –	15,355	– –	– –	– –
1975	6	34	4,806	375	203	5,384	– –	– –	– –	19,209	– –	– –	– –
1980	34	30	3,422	581	65	4,068	– –	– –	– –	24,445	– –	– –	– –
1985	47	33	3,010	513	86	3,609	– –	– –	– –	27,933	– –	– –	– –
1990	13	40	2,675	610	49	3,334	– –	– –	– –	28,809	– –	– –	– –
1995	10	53	2,003	1,149	86	3,238	– –	– –	– –	30,147	– –	– –	– –
2000	2	72	1,737	1,922	65	3,723	– –	– –	– –	33,036	– –	– –	– –
2005	0	74	1,250	1,902	54	3,207	– –	– –	– –	33,212	– –	– –	– –
2006	(s)	75	1,229	1,773	31	3,034	– –	– –	– –	34,439	– –	– –	– –
2007	(s)	80	1,102	1,690	13	2,805	– –	– –	– –	35,389	– –	– –	– –
2008	0	85	1,017	2,231	11	3,259	– –	– –	– –	36,336	– –	– –	– –
2009	0	84	972	2,489	18	3,479	– –	– –	– –	36,768	– –	– –	– –
2010	0	76	946	2,353	21	3,321	– –	– –	– –	34,907	– –	– –	– –
2011	0	85	871	2,367	13	3,251	– –	– –	– –	36,376	– –	– –	– –
2012	0	80	632	1,806	5	2,443	– –	– –	– –	35,511	– –	– –	– –
2013	0	83	607	1,820	4	2,431	– –	– –	– –	35,983	– –	– –	– –
2014	0	79	654	1,754	6	2,414	– –	– –	– –	35,083	– –	– –	– –
2015	0	72	612	1,527	4	2,143	– –	– –	– –	34,072	– –	– –	– –
2016	0	76	614	1,899	7	2,520	– –	– –	– –	34,212	– –	– –	– –
2017	0	91	834	2,290	4	3,129	– –	– –	– –	37,283	– –	– –	– –
2018	0	84	607	2,254	4	2,864	– –	– –	– –	35,339	– –	– –	– –
2019	0	90	629	2,836	6	3,471	– –	– –	– –	36,512	– –	– –	– –
2020	0	87	608	2,394	4	3,006	– –	– –	– –	36,859	– –	– –	– –
2021	0	90	711	2,437	5	3,152	– –	– –	– –	38,021	– –	– –	– –
2022	0	94	705	2,119	4	2,827	– –	– –	– –	39,776	– –	– –	– –
							Trillion Btu						
1960	2.4	8.3	42.5	1.2	0.0	43.8	17.8	NA	NA	29.9	102.1	R 60.2	R 162.4
1965	1.9	18.7	37.8	3.2	0.1	41.1	12.5	NA	NA	37.6	111.7	R 73.9	R 185.7
1970	0.4	33.7	41.0	4.1	0.7	45.7	9.6	NA	NA	52.4	141.8	R 107.3	R 249.1
1975	0.1	35.8	28.0	1.4	1.1	30.6	10.3	NA	NA	65.5	142.3	R 133.8	R 276.1
1980	0.8	31.3	19.9	2.2	0.4	22.5	9.7	NA	NA	83.4	147.7	R 177.4	R 325.2
1985	1.1	34.3	17.5	2.0	0.5	20.0	17.0	NA	NA	95.3	167.7	R 193.7	R 361.4
1990	0.3	41.6	15.6	2.3	0.3	18.2	13.3	(s)	0.4	98.3	172.0	R 41.1	R 213.1
1995	0.2	55.0	11.7	4.4	0.5	16.6	17.1	(s)	0.4	102.9	192.1	R 51.8	R 243.9
2000	0.1	74.8	10.1	7.4	0.4	17.9	14.7	(s)	0.3	112.7	220.5	R 80.5	R 301.0
2005	0.0	75.8	7.3	7.3	0.3	14.9	11.3	(s)	0.1	113.3	215.5	R 77.1	R 292.6
2006	(s)	77.8	7.1	6.8	0.2	14.1	10.1	0.1	0.1	117.5	219.6	R 69.9	R 289.5
2007	(s)	82.2	6.4	6.5	0.1	12.9	11.1	0.1	0.1	120.7	227.2	R 68.0	R 295.1
2008	0.0	87.1	5.9	8.6	0.1	14.5	12.4	0.1	0.1	124.0	238.2	R 74.6	R 312.7
2009	0.0	86.7	5.6	9.6	0.1	15.3	17.5	0.1	0.1	125.5	245.2	R 73.6	R 318.8
2010	0.0	78.0	5.5	9.0	0.1	14.6	18.8	0.1	0.1	119.1	230.8	R 81.5	R 312.3
2011	0.0	87.9	5.0	9.1	0.1	14.2	18.3	0.9	R 0.1	124.1	R 245.4	R 43.8	R 289.2
2012	0.0	82.2	3.6	6.9	(s)	10.6	15.3	0.4	0.2	121.2	229.8	R 49.3	R 279.1
2013	0.0	86.1	3.5	7.0	(s)	10.5	19.9	0.4	R 0.2	122.8	R 239.8	R 66.7	R 306.6
2014	0.0	82.2	3.8	6.7	(s)	10.5	20.1	0.4	R 0.2	119.7	R 233.2	R 66.1	R 299.3
2015	0.0	76.5	3.5	5.9	(s)	9.4	23.0	0.4	R 0.3	116.3	R 225.8	R 61.4	R 287.2
2016	0.0	82.3	3.5	7.3	(s)	10.9	25.2	0.4	R 0.4	116.7	R 235.8	R 56.9	R 292.7
2017	0.0	98.3	4.8	8.8	(s)	13.6	R 26.0	0.4	R 0.5	127.2	R 266.0	R 59.3	R 325.2
2018	0.0	90.8	3.5	8.7	(s)	12.2	27.9	0.4	R 0.6	120.6	R 252.3	R 59.1	R 311.4
2019	0.0	97.6	3.6	10.9	(s)	14.5	31.7	0.4	R 0.7	124.6	R 269.5	R 75.3	R 344.8
2020	0.0	94.6	3.5	9.2	(s)	12.7	R 19.8	0.4	R 0.9	125.8	R 254.0	R 57.5	R 311.5
2021	0.0	97.2	4.1	9.4	(s)	13.5	R 19.1	0.4	R 1.0	129.7	R 260.9	R 58.7	R 319.7
2022	0.0	102.3	4.1	8.1	(s)	12.2	23.1	0.4	1.3	135.7	275.0	59.7	334.6

[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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[h] 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 End Use and Total.
[i] 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) = Physical unit value less than 0.5 or Btu value less than 0.05.
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.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/