

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, Alaska

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass Wood ^d	Geothermal ^e	Solar ^{e,f}	Electricity ^g Million Kilowatthours	End Use ^{e,h}	Electrical System Energy Losses ⁱ	Total ^{e,h}
			Distillate Fuel Oil	HGL ^c	Kerosene	Total							
1960	38	(s)	866	24	0	890	--	--	--	151	--	--	--
1965	20	1	1,110	51	10	1,171	--	--	--	292	--	--	--
1970	13	6	1,362	51	19	1,432	--	--	--	527	--	--	--
1975	5	10	1,621	46	91	1,758	--	--	--	898	--	--	--
1980	0	8	1,172	39	0	1,211	--	--	--	1,092	--	--	--
1985	96	13	1,274	128	1	1,402	--	--	--	1,674	--	--	--
1990	99	14	1,557	200	3	1,759	--	--	--	1,661	--	--	--
1995	68	15	2,024	104	(s)	2,129	--	--	--	1,713	--	--	--
2000	58	16	1,731	125	13	1,870	--	--	--	1,855	--	--	--
2005	40	18	1,619	158	31	1,808	--	--	--	2,062	--	--	--
2006	50	21	1,932	138	275	2,346	--	--	--	2,120	--	--	--
2007	47	20	1,458	106	161	1,725	--	--	--	2,114	--	--	--
2008	0	21	1,248	193	140	1,581	--	--	--	2,130	--	--	--
2009	0	20	1,500	183	14	1,697	--	--	--	2,117	--	--	--
2010	0	19	1,504	153	15	1,672	--	--	--	2,093	--	--	--
2011	0	20	1,393	130	25	1,549	--	--	--	2,134	--	--	--
2012	0	21	1,356	131	7	1,494	--	--	--	2,160	--	--	--
2013	0	19	1,200	96	5	1,301	--	--	--	2,104	--	--	--
2014	0	18	1,155	101	6	1,261	--	--	--	2,044	--	--	--
2015	0	19	1,349	92	7	1,448	--	--	--	2,044	--	--	--
2016	0	18	1,246	91	11	1,347	--	--	--	2,006	--	--	--
2017	0	20	1,347	116	(s)	1,463	--	--	--	2,060	--	--	--
2018	0	19	1,111	120	(s)	1,230	--	--	--	1,975	--	--	--
2019	0	18	1,141	104	(s)	1,245	--	--	--	1,928	--	--	--
2020	0	21	1,239	113	(s)	1,352	--	--	--	2,089	--	--	--
2021	0	22	1,380	109	(s)	1,489	--	--	--	2,084	--	--	--

Trillion Btu

1960	0.7	0.2	5.0	0.1	0.0	5.1	1.8	NA	NA	0.5	8.3	1.8	10.2
1965	0.4	1.5	6.5	0.2	0.1	6.7	1.6	NA	NA	1.0	11.1	3.9	15.0
1970	0.2	6.2	7.9	0.2	0.1	8.2	1.3	NA	NA	1.8	17.8	7.1	24.9
1975	0.1	10.4	9.4	0.2	0.5	10.1	1.4	NA	NA	3.1	25.1	11.0	36.1
1980	0.0	7.9	6.8	0.1	0.0	7.0	0.9	NA	NA	3.7	19.6	15.0	34.6
1985	1.5	13.3	7.4	0.5	(s)	7.9	1.9	NA	NA	5.7	30.4	16.5	46.8
1990	1.6	13.4	9.1	0.8	(s)	9.9	1.5	(s)	(s)	5.7	32.0	15.4	47.4
1995	1.1	15.3	11.8	0.4	(s)	12.2	1.8	(s)	(s)	5.8	36.3	14.0	50.3
2000	0.9	16.4	10.1	0.5	0.1	10.6	1.5	(s)	(s)	6.3	35.9	14.9	50.8
2005	0.6	18.1	9.4	0.6	0.2	10.2	0.9	(s)	(s)	7.0	36.9	16.6	53.5
2006	0.8	20.7	11.2	0.5	1.6	13.3	0.8	(s)	(s)	7.2	42.9	16.7	59.6
2007	0.7	20.0	8.4	0.4	0.9	9.8	0.9	0.1	(s)	7.2	38.6	15.1	53.7
2008	0.0	21.6	7.2	0.7	0.8	8.7	1.0	0.1	(s)	7.3	38.7	15.0	53.7
2009	0.0	20.1	8.7	0.7	0.1	9.4	2.1	0.1	(s)	7.2	39.0	14.6	53.5
2010	0.0	18.8	8.7	0.6	0.1	9.4	2.3	0.1	(s)	7.1	37.7	14.6	52.3
2011	0.0	20.5	8.0	0.5	0.1	8.7	2.2	0.1	(s)	7.3	38.8	15.1	53.9
2012	0.0	21.6	7.8	0.5	(s)	8.4	1.9	0.1	(s)	7.4	39.3	15.3	54.6
2013	0.0	19.2	6.9	0.4	(s)	7.3	2.4	0.1	(s)	7.2	36.3	12.5	48.8
2014	0.0	17.8	6.7	0.4	(s)	7.1	2.5	0.1	(s)	7.0	34.4	13.5	47.8
2015	0.0	18.6	7.8	0.4	(s)	8.2	5.9	0.1	(s)	7.0	39.7	13.4	53.1
2016	0.0	17.8	7.2	0.3	0.1	7.6	6.4	0.1	(s)	6.8	38.7	12.1	50.8
2017	0.0	20.0	7.8	0.4	(s)	8.2	5.4	0.1	(s)	7.0	40.8	12.3	53.1
2018	0.0	18.1	6.4	0.5	(s)	6.9	5.9	0.1	(s)	6.7	37.8	11.6	49.4
2019	0.0	17.6	6.6	0.4	(s)	7.0	5.5	0.1	(s)	6.6	36.9	11.7	48.5
2020	0.0	20.7	7.1	0.4	(s)	7.6	6.2	0.1	(s)	7.1	41.8	12.4	54.2
2021	0.0	21.1	8.0	0.4	(s)	8.4	6.1	0.1	0.1	7.1	42.8	12.6	55.4

^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/>