

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Alaska

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,f} Million Kilowatthours	Biomass Wood and Waste ^g	Geothermal ^f	Solar ^{f,h} Million Kilowatthours	Electricity ⁱ Million Kilowatthours	End Use ^{f,j}	Electrical System Energy Losses ^k	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil	Total ^d								
			Thousand Barrels													
1960	26	0	268	18	0	130	464	880	NA	--	NA	99	--	--	--	
1965	15	2	344	39	0	253	751	1,387	NA	--	NA	267	--	--	--	
1970	10	13	422	39	0	246	807	1,514	NA	--	NA	478	--	--	--	
1975	12	14	502	35	0	415	558	1,510	NA	--	NA	657	--	--	--	
1980	0	17	577	30	0	258	4	869	NA	--	NA	728	--	--	--	
1985	341	20	901	98	3	268	0	1,269	NA	--	NA	1,898	--	--	--	
1990	395	22	1,049	153	(s)	52	0	1,254	0	--	0	2,133	--	--	--	
1995	455	25	1,035	80	(s)	21	0	1,136	0	--	0	2,372	--	--	--	
2000	466	26	1,155	96	(s)	64	0	1,315	0	--	0	2,418	--	--	--	
2005	465	17	1,006	98	1	168	0	1,272	0	--	0	2,695	--	--	--	
2006	508	19	1,166	110	185	156	3	1,620	0	--	0	2,819	--	--	--	
2007	426	19	981	84	106	176	0	1,347	0	--	0	2,828	--	--	--	
2008	558	17	1,226	131	94	116	1	1,569	0	--	0	2,852	--	--	--	
2009	527	17	1,093	183	12	64	0	1,352	0	--	0	2,841	--	--	--	
2010	558	16	1,924	150	16	157	0	2,247	0	--	0	2,830	--	--	--	
2011	621	19	1,743	163	18	128	0	2,053	0	--	0	2,854	--	--	--	
2012	603	20	1,481	184	14	95	0	1,774	0	--	0	2,875	--	--	--	
2013	585	19	1,170	199	5	85	0	1,459	0	--	0	2,824	--	--	--	
2014	544	18	1,264	196	3	72	0	1,535	0	--	0	2,762	--	--	--	
2015	559	18	1,520	167	3	300	0	1,989	0	--	0	2,763	--	--	--	
2016	460	16	1,034	172	4	153	0	1,362	168	--	(s)	2,731	--	--	--	
2017	476	16	1,141	177	(s)	104	0	1,422	182	--	1	2,705	--	--	--	
2018	458	14	1,289	194	(s)	104	0	1,587	176	--	1	2,646	--	--	--	
2019	435	15	1,269	205	(s)	104	0	1,578	130	--	1	2,639	--	--	--	
2020	473	17	1,144	184	(s)	104	0	1,433	162	--	2	2,524	--	--	--	
2021	492	17	1,493	212	(s)	106	0	1,811	169	--	4	2,559	--	--	--	

Trillion Btu

1960	0.5	0.0	1.6	0.1	0.0	0.7	2.9	5.2	NA	(s)	NA	0.3	6.1	1.2	7.3	
1965	0.3	2.3	2.0	0.2	0.0	1.3	4.7	8.2	NA	(s)	NA	0.9	11.7	3.6	15.3	
1970	0.2	12.6	2.5	0.2	0.0	1.3	5.1	9.0	NA	(s)	NA	1.6	23.4	6.4	29.8	
1975	0.2	14.5	2.9	0.1	0.0	2.2	3.5	8.7	NA	(s)	NA	2.2	25.7	8.1	33.8	
1980	0.0	16.6	3.4	0.1	0.0	1.4	(s)	4.9	NA	(s)	NA	2.5	23.9	10.0	33.9	
1985	5.4	20.5	5.2	0.4	(s)	1.4	0.0	7.0	NA	(s)	NA	6.5	39.4	18.7	58.1	
1990	6.2	20.5	6.1	0.6	(s)	0.3	0.0	7.0	0.0	0.2	(s)	0.0	7.3	41.1	19.8	60.9
1995	7.2	25.1	6.0	0.3	(s)	0.1	0.0	6.4	0.0	0.3	(s)	0.0	8.1	47.1	19.4	66.6
2000	7.3	27.2	6.7	0.4	(s)	0.3	0.0	7.4	0.0	0.3	(s)	0.0	8.3	50.4	19.4	69.9
2005	7.3	17.0	5.9	0.4	(s)	0.9	0.0	7.1	0.0	0.2	(s)	0.0	9.2	40.7	21.7	62.4
2006	7.9	18.6	6.8	0.4	1.0	0.8	(s)	9.1	0.0	0.2	(s)	0.0	9.6	45.4	22.1	67.6
2007	6.6	18.9	5.7	0.3	0.6	0.9	0.0	7.5	0.0	0.1	(s)	0.0	9.7	42.9	20.2	63.1
2008	8.5	17.1	7.1	0.5	0.5	0.6	(s)	8.7	0.0	0.2	0.1	0.0	9.7	44.3	20.1	64.4
2009	8.1	16.7	6.3	0.7	0.1	0.3	0.0	7.4	0.0	0.3	0.1	0.0	9.7	42.3	19.5	61.8
2010	8.5	16.0	11.1	0.6	0.1	0.8	0.0	12.6	0.0	0.3	0.1	0.0	9.7	47.1	19.7	66.8
2011	9.4	19.6	10.1	0.6	0.1	0.6	0.0	11.4	--	0.3	0.1	0.0	9.7	50.6	20.2	70.8
2012	9.2	20.1	8.5	0.7	0.1	0.5	0.0	9.8	0.0	0.3	0.1	0.0	9.8	49.3	20.3	69.6
2013	8.9	18.7	6.7	0.8	(s)	0.4	0.0	8.0	0.0	0.7	0.1	0.0	9.6	46.1	16.8	62.9
2014	8.3	17.9	7.3	0.8	(s)	0.4	0.0	8.4	0.0	0.9	0.1	0.0	9.4	45.0	18.2	63.2
2015	8.5	18.5	8.8	0.6	(s)	1.5	0.0	10.9	0.0	1.4	0.1	0.0	9.4	48.9	18.1	67.0
2016	7.0	16.0	6.0	0.7	(s)	0.8	0.0	7.4	1.6	1.5	0.1	(s)	9.3	42.8	16.5	59.3
2017	7.1	15.4	6.6	0.7	(s)	0.5	0.0	7.8	1.7	1.4	0.1	(s)	9.2	42.7	16.2	58.8
2018	6.9	14.1	7.4	0.7	(s)	0.5	0.0	8.7	1.6	1.3	0.1	(s)	9.0	41.8	15.6	57.4
2019	6.6	14.3	7.3	0.8	(s)	0.5	0.0	8.6	1.2	1.2	0.1	(s)	9.0	40.9	16.0	56.9
2020	7.1	16.3	6.6	0.7	(s)	0.5	0.0	7.8	1.4	1.5	0.1	(s)	8.6	42.9	15.0	57.9
2021	7.4	16.4	8.6	0.8	(s)	0.5	0.0	10.0	1.5	1.5	0.1	(s)	8.7	45.6	15.4	61.0

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, assumed to be propane only.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.

^d Includes small amounts of petroleum coke not shown separately.

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

ⁱ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^j 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. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.

^k 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 commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. 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/>