

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2020, Alaska

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro-electric Power ^{g,h} Million Kilowatt-hours	Biomass		Geo-thermal ^h	Solar ^{h,k}	Electricity Retail Sales	Net Energy ^{h,l}	Electrical System Energy Losses ^m	Total ^{h,j}
			Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Motor Gasoline ^e	Residual Fuel Oil	Other ^f	Total		Wood and Waste ^{h,i}	Losses and Co-products ^j			Million Kilowatt-hours			
															Thousand Barrels			
1960	325	2	2,541	46	1,972	1,657	708	1,176	8,099	0	--	--	--	296	--	--	--	
1970	491	56	4,706	151	6,735	2,621	1,015	1,352	16,580	0	--	--	--	1,106	--	--	--	
1980	0	125	6,138	191	9,618	3,676	18	2,387	22,028	0	--	--	--	2,577	--	--	--	
1990	494	308	10,061	384	17,367	5,854	254	5,462	39,383	0	--	--	--	4,254	--	--	--	
2000	524	392	10,461	221	25,872	5,973	118	4,770	47,415	0	--	--	--	5,310	--	--	--	
2001	475	376	11,181	261	24,262	6,383	72	7,032	49,191	0	--	--	--	5,454	--	--	--	
2002	472	387	10,262	318	25,111	5,923	51	5,479	47,142	0	--	--	--	5,465	--	--	--	
2003	449	380	9,493	314	27,355	5,919	13	5,832	48,926	0	--	--	--	5,564	--	--	--	
2004	498	369	13,529	209	30,954	6,947	0	5,993	57,633	0	--	--	--	5,788	--	--	--	
2005	507	394	12,046	266	31,940	6,853	12	6,319	57,436	0	--	--	--	5,913	--	--	--	
2006	560	331	13,351	277	31,747	6,789	30	6,844	59,037	0	--	--	--	6,182	--	--	--	
2007	475	329	12,901	209	29,053	6,927	263	6,555	55,907	0	--	--	--	6,327	--	--	--	
2008	558	299	12,370	334	23,817	6,708	195	5,101	48,525	0	--	--	--	6,326	--	--	--	
2009	531	304	13,872	411	18,746	6,708	3	5,928	45,668	0	--	--	--	6,270	--	--	--	
2010	561	294	13,272	357	R 19,850	6,877	37	6,887	R 47,280	0	--	--	--	6,247	--	--	--	
2011	626	294	14,089	333	R 18,242	6,643	69	7,262	R 46,638	0	--	--	--	6,320	--	--	--	
2012	604	303	13,268	338	R 16,462	6,661	57	6,501	R 43,287	0	--	--	--	6,416	--	--	--	
2013	586	298	12,145	327	R 15,343	6,482	0	5,983	R 40,280	0	--	--	--	6,268	--	--	--	
2014	545	297	12,179	329	R 15,389	6,763	0	R 5,256	R 39,916	0	--	--	--	6,165	--	--	--	
2015	560	303	12,984	285	R 16,462	6,878	0	R 4,655	R 41,264	0	--	--	--	6,159	--	--	--	
2016	461	302	10,355	303	R 16,026	6,967	0	R 4,655	R 38,306	168	--	--	--	6,123	--	--	--	
2017	478	319	9,377	323	R 16,282	6,778	0	R 4,846	R 37,606	182	--	--	--	6,186	--	--	--	
2018	459	330	10,482	338	R 16,654	6,694	(s)	R 3,543	R 37,711	176	--	--	--	5,972	--	--	--	
2019	437	R 325	10,383	346	R 16,409	6,585	0	R 4,662	R 38,385	130	--	--	--	5,819	--	--	--	
2020	474	356	9,215	329	18,397	5,843	0	4,639	38,422	162	--	--	--	5,918	--	--	--	

Trillion Btu

1960	6.3	2.0	14.8	0.2	10.6	8.7	R 4.4	6.1	44.8	0.0	3.7	NA	NA	NA	1.0	57.8	3.6	61.4
1970	8.9	55.8	27.4	0.6	37.7	13.8	6.4	7.8	93.7	0.0	5.0	NA	NA	NA	3.8	167.2	14.9	182.0
1980	0.0	124.9	35.8	0.7	54.0	19.3	0.1	14.0	124.0	0.0	2.7	NA	NA	NA	8.8	260.3	35.4	295.7
1990	7.8	291.5	58.6	1.5	97.9	30.8	1.6	32.2	222.6	0.0	8.2	0.0	0.1	(s)	14.5	544.7	39.4	584.1
2000	8.2	402.3	60.9	0.9	146.7	31.1	0.7	28.6	268.8	0.0	1.9	0.0	0.1	(s)	18.1	699.4	42.7	742.1
2001	7.4	380.3	65.1	1.0	137.6	33.2	0.5	43.0	280.3	0.0	3.0	0.0	0.1	(s)	18.6	689.7	46.1	735.7
2002	7.4	388.8	59.7	1.2	143.2	30.8	0.3	33.0	268.2	0.0	3.2	0.0	0.1	(s)	18.6	686.3	46.6	732.9
2003	7.0	381.3	55.2	1.2	155.2	30.8	0.1	34.9	277.3	0.0	3.3	0.0	0.1	(s)	19.0	688.0	45.5	733.5
2004	7.8	370.1	78.7	0.8	175.5	36.1	0.0	36.0	327.1	0.0	3.3	0.0	0.1	(s)	19.8	728.1	46.9	775.0
2005	7.9	395.2	70.1	1.0	181.1	35.6	0.1	37.7	325.6	0.0	1.1	0.0	0.1	(s)	20.2	750.2	47.6	797.7
2006	8.7	332.1	77.5	1.1	180.0	35.2	0.2	40.7	334.6	0.0	1.1	0.0	0.1	(s)	21.1	697.9	48.6	746.5
2007	7.4	331.0	74.6	0.8	164.7	35.6	1.7	39.0	316.5	0.0	1.2	0.0	0.1	(s)	21.6	678.0	45.2	723.2
2008	8.5	300.5	71.5	1.3	135.0	34.3	1.2	30.4	273.7	0.0	1.2	0.0	0.1	(s)	21.6	605.9	44.6	650.5
2009	8.2	305.7	80.1	1.6	106.3	34.1	(s)	36.4	258.5	0.0	2.5	0.0	0.2	(s)	21.4	596.4	43.1	639.6
2010	8.6	295.0	76.6	1.4	R 112.5	34.8	0.2	42.4	R 268.0	0.0	2.7	0.0	0.2	(s)	21.3	R 595.8	43.5	R 639.3
2011	9.5	297.5	81.3	1.3	R 103.4	33.6	0.4	44.8	R 264.9	0.0	2.7	0.0	0.2	(s)	21.6	R 596.3	44.7	R 641.0
2012	9.2	307.0	76.5	1.3	R 93.3	33.7	0.4	40.2	R 245.5	0.0	2.3	0.0	0.2	(s)	21.9	R 586.0	45.3	R 631.3
2013	9.0	298.6	70.0	1.3	87.0	32.8	0.0	37.0	R 228.0	0.0	3.4	0.0	0.2	(s)	21.4	560.6	37.4	R 597.9
2014	8.3	297.3	70.2	1.3	R 87.3	34.2	0.0	32.6	R 225.6	0.0	3.5	0.0	0.2	(s)	21.0	R 555.9	40.6	R 596.5
2015	8.5	303.7	74.8	1.1	R 93.3	34.8	0.0	28.9	R 232.9	0.0	7.5	(s)	0.2	(s)	21.0	R 573.8	40.4	R 614.2
2016	7.0	302.7	59.6	1.2	R 90.9	35.2	0.0	29.5	R 216.4	1.6	8.0	(s)	0.2	(s)	20.9	R 556.7	37.0	R 593.7
2017	7.2	314.9	54.0	1.2	R 92.3	34.2	0.0	R 30.8	R 212.6	1.7	6.9	(s)	0.2	(s)	21.1	R 564.6	36.9	R 601.5
2018	6.9	320.9	60.4	1.3	R 94.4	33.8	(s)	22.1	R 212.1	1.6	7.4	(s)	0.2	(s)	20.4	R 569.5	35.2	R 604.6
2019	6.6	R 318.9	59.8	1.3	R 93.0	33.3	0.0	29.5	R 216.9	1.2	6.8	0.0	0.2	(s)	19.9	R 570.5	35.2	R 605.7
2020	7.1	350.7	53.0	1.3	104.3	29.5	0.0	29.4	217.5	1.4	7.8	0.0	0.2	0.1	20.2	605.0	35.1	640.1

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

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

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

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

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

^j Losses and co-products from the production of biodiesel and fuel ethanol.

^k Solar thermal and photovoltaic energy.

^l 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. 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 the commercial and industrial sectors.

^m 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: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. 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.