

**Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Alaska**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,f</sup> Million kWh	Biomass		Geo-thermal <sup>f</sup>	Solar <sup>f,i</sup> Million kWh	Electricity Retail Sales	Net Energy <sup>f,j</sup>	Electrical System Energy Losses <sup>k</sup>	Total <sup>f,j</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total		Wood and Waste <sup>g</sup>	Losses and Co-products <sup>h</sup>						
1960	256	2	878	4	0	229	141	1,252	0	--	--	NA	45	--	--	--	
1965	339	2	1,238	(s)	83	60	417	1,798	0	--	--	NA	59	--	--	--	
1970	467	19	1,923	60	107	73	812	2,975	0	--	--	NA	101	--	--	--	
1975	594	40	2,117	130	106	31	1,146	3,530	0	--	--	NA	485	--	--	--	
1980	0	100	1,784	119	111	14	1,795	3,823	0	--	--	NA	757	--	--	--	
1985	0	140	1,713	91	406	2,577	6,433	11,220	0	--	--	NA	417	--	--	--	
1990	0	271	1,413	25	55	116	4,872	6,481	0	--	--	0	459	--	--	--	
1995	0	358	3,099	85	62	375	3,298	6,920	0	--	--	0	546	--	--	--	
2000	1	342	2,266	(s)	25	0	4,137	6,428	0	--	--	0	1,037	--	--	--	
2001	1	339	2,288	7	76	18	6,681	9,070	0	--	--	0	1,079	--	--	--	
2002	1	351	2,337	47	86	0	5,210	7,680	0	--	--	0	1,088	--	--	--	
2003	(s)	342	2,195	34	113	0	5,578	7,920	0	--	--	0	1,104	--	--	--	
2004	1	328	2,089	33	112	0	5,707	7,942	0	--	--	0	1,126	--	--	--	
2005	2	356	1,912	6	102	0	5,927	7,948	0	--	--	0	1,156	--	--	--	
2006	2	289	2,187	25	103	0	6,053	8,368	0	--	--	0	1,243	--	--	--	
2007	2	288	2,691	16	66	0	5,956	8,729	0	--	--	0	1,384	--	--	--	
2008	(s)	258	2,709	9	73	1	4,590	7,382	0	--	--	0	1,344	--	--	--	
2009	4	265	3,292	43	69	3	5,616	9,024	0	--	--	0	1,311	--	--	--	
2010	4	256	2,455	51	202	4	6,586	9,298	0	--	--	0	1,324	--	--	--	
2011	5	251	3,309	37	194	0	6,960	10,500	0	--	--	0	1,331	--	--	--	
2012	1	258	4,056	20	211	0	6,247	10,535	0	--	--	0	1,381	--	--	--	
2013	1	260	4,225	28	228	0	5,758	10,239	0	--	--	0	1,340	--	--	--	
2014	1	261	4,022	32	127	0	R 5,032	R 9,212	0	--	--	0	1,360	--	--	--	
2015	1	266	4,167	25	97	0	R 4,291	R 8,581	0	--	--	0	1,352	--	--	--	
2016	1	268	3,457	40	99	0	R 4,315	R 7,911	0	--	--	(s)	1,385	--	--	--	
2017	1	283	1,981	26	100	0	R 4,521	R 6,628	0	--	--	(s)	1,421	--	--	--	
2018	1	296	2,131	R 22	104	(s)	R 3,211	R 5,467	0	--	--	(s)	1,352	--	--	--	
2019	1	302	1,574	35	104	0	4,323	6,037	0	--	--	(s)	1,252	--	--	--	

  

Trillion Btu																	
1960	5.0	1.9	5.1	(s)	0.0	1.4	0.8	7.4	0.0	1.8	NA	NA	NA	0.2	16.2	0.6	16.8
1965	6.5	1.8	7.2	(s)	0.4	0.4	2.6	10.6	0.0	3.2	NA	NA	NA	0.2	22.3	0.8	23.1
1970	8.5	19.6	11.2	0.2	0.6	0.5	5.0	17.5	0.0	3.7	NA	NA	NA	0.3	49.6	1.4	51.0
1975	10.5	40.4	12.3	0.5	0.6	0.2	7.1	20.6	0.0	3.5	NA	NA	NA	1.7	76.6	5.9	82.6
1980	0.0	140.3	10.4	0.4	0.6	0.1	11.0	22.4	0.0	1.8	NA	NA	NA	2.6	127.0	10.4	137.4
1985	0.0	140.7	10.0	0.3	2.1	16.2	38.7	67.3	0.0	2.1	0.0	NA	NA	1.4	211.4	4.1	215.5
1990	0.0	256.1	8.2	0.1	0.3	0.7	29.2	38.5	0.0	6.5	0.0	0.0	0.0	1.6	302.6	4.3	306.9
1995	0.0	360.0	18.0	0.3	0.3	2.4	20.0	41.0	0.0	6.2	0.0	(s)	0.0	1.9	409.1	4.5	413.6
2000	(s)	351.1	13.2	(s)	0.1	0.0	25.3	38.6	0.0	0.1	0.0	0.0	0.0	3.5	393.3	8.3	401.7
2001	(s)	342.2	13.3	(s)	0.4	0.1	41.1	54.9	0.0	(s)	0.0	0.0	0.0	3.7	400.8	9.1	410.0
2002	(s)	352.4	13.6	0.2	0.4	0.0	31.6	45.8	0.0	0.2	0.0	0.0	0.0	3.7	402.1	9.3	411.3
2003	(s)	343.0	12.8	0.1	0.6	0.0	33.5	47.0	0.0	0.1	0.0	0.0	0.0	3.8	393.8	9.0	402.8
2004	(s)	329.5	12.2	0.1	0.6	0.0	34.4	47.3	0.0	0.1	0.0	0.0	0.0	3.8	380.7	9.1	389.9
2005	(s)	357.5	11.1	(s)	0.5	0.0	35.6	47.3	0.0	0.1	0.0	0.0	0.0	3.9	408.8	9.3	418.1
2006	(s)	289.9	12.7	0.1	0.5	0.0	36.3	49.6	0.0	0.1	0.0	0.0	0.0	4.2	343.9	9.8	353.7
2007	(s)	290.0	15.6	0.1	0.3	0.0	35.8	51.7	0.0	0.1	0.0	0.0	0.0	4.7	346.6	9.9	356.5
2008	(s)	259.7	15.7	(s)	0.4	(s)	27.6	43.7	0.0	0.1	0.0	0.0	0.0	4.6	308.1	9.5	317.5
2009	0.1	266.5	19.0	0.1	0.4	(s)	34.7	54.3	0.0	0.1	0.0	0.0	0.0	4.5	325.4	9.0	334.4
2010	0.1	256.9	14.2	0.2	1.0	(s)	40.7	56.2	0.0	0.1	0.0	0.0	0.0	4.5	317.7	9.2	326.9
2011	0.1	253.8	19.1	0.1	1.0	0.0	43.2	63.4	0.0	0.2	0.0	0.0	0.0	4.5	322.0	9.4	331.4
2012	(s)	261.2	23.4	0.1	1.1	0.0	38.9	63.4	0.0	0.1	0.0	0.0	0.0	4.7	329.4	9.8	339.2
2013	(s)	260.1	24.3	0.1	1.2	0.0	35.8	61.4	0.0	0.2	0.0	0.0	0.0	4.6	326.3	8.0	334.3
2014	(s)	261.3	23.2	0.1	0.6	0.0	31.4	R 55.4	0.0	0.2	0.0	0.0	0.0	4.6	321.5	9.0	330.4
2015	(s)	266.0	24.0	0.1	0.5	0.0	27.0	51.6	0.0	0.2	(s)	0.0	0.0	4.6	R 322.4	8.9	331.2
2016	(s)	268.4	19.9	0.2	0.5	0.0	27.7	48.3	0.0	0.1	(s)	0.0	(s)	4.7	R 321.6	8.4	329.9
2017	(s)	279.2	11.4	0.1	0.5	0.0	R 29.0	R 41.0	0.0	0.1	(s)	0.0	(s)	4.8	R 325.2	8.5	R 333.7
2018	(s)	288.1	12.3	0.1	0.5	(s)	R 20.4	R 33.3	0.0	0.1	(s)	0.0	(s)	4.6	R 326.1	8.0	R 334.1
2019	(s)	297.4	9.1	0.1	0.5	0.0	27.7	37.4	0.0	0.1	0.0	0.0	(s)	4.3	339.2	7.6	346.8

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>c</sup> 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.  
<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.  
<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>h</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>i</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.  
<sup>j</sup> 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 industrial utility-scale facilities.  
<sup>k</sup> 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.  
kWh = Kilowatthours. -- = 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 industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. The continuity of these data series estimates may be affected by the 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.