

Table CT6. Industrial 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,i} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j Million kWh	End Use ^{f,k}	Electrical System Energy Losses ^j	Total ^{f,k}		
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h								
			Thousand Barrels																
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	(s)	107	73	612	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	268	2,691	16	66	0	5,956	8,729	0	--	--	0	1,394	--	--	--			
2008	(s)	258	2,709	9	73	1	4,450	7,382	0	--	--	0	1,344	--	--	--			
2009	4	285	3,292	43	69	3	5,816	9,024	0	--	--	0	1,311	--	--	--			
2010	4	256	2,455	52	202	4	6,586	9,299	0	--	--	0	1,324	--	--	--			
2011	5	251	3,309	38	194	0	6,960	10,502	0	--	--	0	1,331	--	--	--			
2012	1	258	4,056	21	211	0	6,247	10,536	0	--	--	0	1,381	--	--	--			
2013	1	260	4,225	29	228	0	5,758	10,240	0	--	--	0	1,340	--	--	--			
2014	1	261	4,022	32	127	0	5,032	9,213	0	--	--	0	1,360	--	--	--			
2015	1	266	4,167	R 24	97	0	4,293	R 8,582	0	--	--	0	1,352	--	--	--			
2016	1	268	3,457	R 39	99	0	4,317	7,913	0	--	--	(s)	1,385	--	--	--			
2017	1	283	1,981	R 24	100	0	R 4,532	R 6,636	0	--	--	(s)	1,421	--	--	--			
2018	1	296	2,131	R 19	104	(s)	R 3,214	R 5,469	0	--	--	(s)	1,352	--	--	--			
2019	1	292	1,574	R 34	104	0	R 4,330	R 6,042	0	--	--	(s)	1,252	--	--	--			
2020	1	318	1,615	31	107	0	R 4,378	R 6,131	0	--	--	(s)	1,304	--	--	--			
2021	1	328	2,632	33	104	(s)	4,466	7,234	0	--	--	(s)	1,327	--	--	--			

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	100.3	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	(s)	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	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	322.4	8.9	331.2
2016	(s)	268.4	13.9	0.2	0.5	0.0	27.7	48.3	0.0	0.1	(s)	0.0	0.0	4.7	321.6	8.4	329.9
2017	(s)	279.2	11.4	0.1	0.5	0.0	29.1	41.1	0.0	0.1	(s)	0.0	0.0	4.8	R 325.3	8.5	333.7
2018	(s)	288.1	12.3	0.1	0.5	(s)	20.4	33.3	0.0	0.1	(s)	0.0	0.0	4.6	(s) 326.1	8.0	334.1
2019	(s)	286.6	9.1	0.1	0.5	0.0	27.7	37.4	0.0	0.1	0.0	0.0	0.0	4.3	328.4	7.6	336.0
2020	(s)	313.2	9.3	0.1	0.5	0.0	28.0	R 38.0	0.0	0.1	0.0	0.0	0.0	4.5	355.7	7.7	363.5
2021	(s)	321.1	15.2	0.1	0.5	(s)	28.7	44.5	0.0	0.1	0.0	0.0	0.0	4.5	370.2	8.0	378.2

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^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 asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^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 Losses and co-products from the production of biodiesel and fuel ethanol.
ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^k 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 industrial utility-scale facilities.
^l 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>.
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>