Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2019, Alaska

Year	Coal	Natural Gas [a]	Petroleum							Nuclear Electric Power	Hydro-electric Power [g]	Fuel Ethanol [h]	Biodiesel
			Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels	
1960	376	2	2,636	46	1,972	1,657	711	1,176	8,197	0	290	NA	NA
1965	525	8	3,788	91	3,005	2,450	881	760	10,975	0	350	NA	NA
1970	740	64	5,100	151	6,735	2,621	1,020	1,352	16,979	0	363	NA	NA
1971	799	68	6,357	176	7,573	2,844	1,065	1,353	19,368	0	363	NA	NA
1972	722	75	6,289	193	8,019	3,685	1,154	1,519	20,860	0	346	NA	NA
1973	751	63	6,462	218	7,393	3,197	1,042	1,509	19,821	0	286	NA	NA
1974	710	63	6,851	173	7,470	3,545	1,080	1,656	20,775	0	326	NA	NA
1975	868	85	7,090	211	7,420	4,179	1,075	1,824	21,800	0	357	NA	NA
1976	778	90	9,536	348	7,409	4,697	1,303	1,674	24,967	0	383	NA	NA
1977	584	116	10,441	409	7,910	4,845	1,724	2,021	27,350	0	512	NA	NA
1978	270	145	10,821	488	8,273	4,533	2,345	2,317	28,777	0	472	NA	NA
1979	265	157	5,808	192	8,506	4,681	319	3,232	22,739	0	459	NA	NA
1980	273	153	6,677	191	9,618	3,676	371	2,387	22,919	0	539	NA	NA
1981	792	122	6,546	152	10,877	4,468	245	1,790	24,077	0	590	0	NA
1982	834	238	6,312	212	11,530	5,089	302	3,065	26,511	0	561	0	NA
1983	785	239	7,305	212	12,252	4,752	392	6,201	31,115	0	593	0	NA
1984	815	258	8,013	272	15,178	5,324	508	6,199	35,494	0	693	0	NA
1985	733	213	10,198	331	15,231	5,638	3,072	7,013	41,482	0	748	0	NA
1986	769	206	7,591	268	16,187	5,425	7,081	10,906	47,458	0	809	(s)	NA
1987	274	249	7,106	271	14,850	5,205	3,406	9,701	40,538	0	872	1	NA
1988	276	288	8,168	277	16,899	5,319	713	6,590	37,966	0	935	1	NA
1989	299	322	11,071	278	18,586	5,079	347	5,564	40,926	0	873	(s)	NA
1990	784	343	10,548	384	17,367	5,854	426	5,462	40,041	0	975	0	NA
1991	802	367	9,756	402	17,116	5,108	591	3,302	36,275	0	896	0	NA
1992	792	383	11,583	393	14,720	5,881	758	4,208	37,544	0	918	0	NA
1993	863	378	12,388	238	14,693	5,976	723	3,595	37,612	0	1,303	0	NA
1994	796	367	11,357	252	16,080	6,542	721	3,737	38,690	0	1,345	1	NA
1995	815	430	12,803	272	16,921	7,148	746	3,780	41,669	0	1,372	184	NA
1996	706	448	11,837	241	18,652	6,735	906	4,416	42,786	0	1,266	210	NA
1997	740	425	11,979	326	21,108	6,312	864	4,681	45,270	0	1,099	170	NA
1998	1,012	435	11,503	320	21,886	6,737	828	4,395	45,669	0	1,113	100	NA
1999	1,019	423	12,164	266	23,612	6,426	1,068	5,016	48,552	0	817	113	NA
2000	1,024	427	10,875	221	25,872	5,973	788	4,770	48,500	0	1,002	49	NA
2001	989	409	11,675	261	24,262	6,383	1,129	7,032	50,742	0	1,346	134	1
2002	1,034	419	10,815	318	25,111	5,923	1,057	5,479	48,702	0	1,439	97	2
2003	790	414	10,004	314	27,355	5,919	864	5,832	50,288	0	1,583	64	2
2004	891	406	14,059	209	30,954	6,947	702	5,993	58,864	0	1,498	127	4
2005	905	433	12,584	266	31,940	6,853	708	6,319	58,670	0	1,464	0	12
2006	968	374	13,936	277	31,747	6,789	713	6,844	60,306	0	1,224	0	34
2007	889	370	13,534	209	29,053	6,927	734	6,555	57,012	0	1,291	0	46
2008	985	342	13,020	334	23,817	6,708	392	5,101	49,373	0	1,172	0	40
2009	968	342	14,466	411	18,746	6,708	549	5,928	46,808	0	1,324	0	42
2010	971	333	13,761	357	R 20,083	6,877	343	6,887	R 48,309	0	1,433	0	34
2011	1,035	335	14,657	333	R 18,190	6,643	302	7,262	R 47,386	0	1,345	0	116
2012	1,031	343	13,778	338	R 16,313	6,661	432	6,501	R 44,024	0	1,575	0	7
2013	986	332	12,705	327	R 15,348	6,482	94	5,983	R 40,940	0	1,435	0	56
2014	1,200	329	12,686	329	R 15,080	6,763	119	R 5,255	R 40,232	0	1,539	592	171
2015	1,291	334	13,565	285	R 16,068	6,878	116	R 4,653	R 41,565	0	1,569	0	8
2016	1,105	331	11,162	303	R 15,832	6,967	0	R 4,653	R 38,918	0	1,659	0	211
2017	1,101	348	10,257	323	R 16,197	6,778	0	R 4,843	R 38,398	0	1,644	0	160
2018	1,161	355	11,326	338	R 16,377	6,694	(s)	R 3,542	R 38,277	0	1,664	0	160
2019	1,182	359	11,254	346	16,155	6,584	0	4,660	38,999	0	1,623	0	160

[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] Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Alaska

(Trillion Btu)

Year	Fossil Fuels										*Fossil Fuels (as commingled)*		
			Petroleum										
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biodiesel [a]	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Distillate Fuel Oil including Biodiesel* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	7.2	2.0	15.4	0.2	10.6	8.7	4.5	6.1	45.4	54.6	*2.0*	*15.4*	*8.7*
1965	9.9	7.7	22.1	0.3	16.5	12.9	5.5	4.4	61.7	79.3	*7.7*	*22.1*	*12.9*
1970	13.2	64.0	29.7	0.6	37.7	13.8	6.4	7.8	96.0	173.2	*64.0*	*29.7*	*13.8*
1971	14.1	68.0	37.0	0.7	42.4	14.9	6.7	7.9	109.7	191.9	*68.0*	*37.0*	*14.9*
1972	12.8	75.0	36.6	0.7	45.0	19.4	7.3	9.0	117.9	205.7	*75.0*	*36.6*	*19.4*
1973	13.3	63.7	37.6	0.8	41.5	16.8	6.6	8.8	112.1	189.1	*63.7*	*37.6*	*16.8*
1974	12.5	63.2	39.9	0.6	41.9	18.6	6.8	9.6	117.5	193.2	*63.2*	*39.9*	*18.6*
1975	15.3	85.2	41.3	0.8	41.7	22.0	6.8	10.7	123.1	223.6	*85.2*	*41.3*	*22.0*
1976	13.7	90.6	55.5	1.3	41.6	24.7	8.2	9.9	141.2	245.4	*90.6*	*55.5*	*24.7*
1977	10.3	116.9	60.8	1.4	44.4	25.4	10.8	11.9	154.9	282.0	*116.9*	*60.8*	*25.4*
1978	4.7	145.0	63.0	1.7	46.5	23.8	14.7	13.7	163.5	313.2	*145.0*	*63.0*	*23.8*
1979	4.2	157.2	33.8	0.7	47.7	24.6	2.0	18.8	127.6	289.0	*157.2*	*33.8*	*24.6*
1980	4.3	153.8	38.9	0.7	54.0	19.3	2.3	14.0	129.3	287.4	*153.8*	*38.9*	*19.3*
1981	12.5	122.2	38.1	0.5	61.2	23.5	1.5	10.8	135.7	270.4	*122.2*	*38.1*	*23.5*
1982	13.2	237.9	36.8	0.8	64.9	26.7	1.9	18.2	149.2	400.3	*237.9*	*36.8*	*26.7*
1983	12.4	239.7	42.6	0.8	68.7	25.0	2.5	36.5	176.0	428.0	*239.7*	*42.6*	*25.0*
1984	12.9	258.0	46.7	1.0	85.5	28.0	3.2	36.5	200.8	471.7	*258.0*	*46.7*	*28.0*
1985	11.6	214.0	59.4	1.2	85.8	29.6	19.3	41.7	237.0	462.6	*214.0*	*59.4*	*29.6*
1986	12.1	208.3	44.2	1.0	91.2	28.5	44.5	63.6	273.1	493.5	*208.3*	*44.2*	*28.5*
1987	4.3	251.5	41.4	1.0	83.6	27.3	21.4	56.6	231.4	487.2	*251.5*	*41.4*	*27.3*
1988	4.4	288.8	47.6	1.0	95.2	27.9	4.5	39.3	215.5	508.6	*288.8*	*47.6*	*27.9*
1989	4.7	321.2	64.5	1.1	104.7	26.7	2.2	32.8	231.9	557.9	*321.2*	*64.5*	*26.7*
1990	12.4	326.8	61.4	1.5	97.9	30.8	2.7	32.2	226.5	565.7	*326.8*	*61.4*	*30.8*
1991	12.7	368.0	56.8	1.5	96.1	26.8	3.7	19.6	204.7	585.3	*368.0*	*56.8*	*26.8*
1992	12.5	383.9	67.5	1.5	82.9	30.9	4.8	25.0	212.5	608.9	*383.9*	*67.5*	*30.9*
1993	13.6	376.0	72.2	0.9	83.2	31.2	4.5	21.4	213.5	603.1	*376.0*	*72.2*	*31.2*
1994	12.6	367.6	66.1	0.9	91.2	34.1	4.5	22.4	219.3	599.4	*367.6*	*66.1*	*34.1*
1995	12.9	432.8	74.5	1.0	95.9	36.6	4.7	22.5	235.2	680.9	*432.8*	*74.5*	*37.2*
1996	11.2	443.6	68.9	0.9	105.8	34.4	5.7	26.4	242.0	696.8	*443.6*	*68.9*	*35.1*
1997	11.7	425.4	69.7	1.2	119.7	32.3	5.4	27.8	256.0	693.2	*425.4*	*69.7*	*32.9*
1998	16.5	434.4	66.9	1.2	124.2	34.7	5.2	26.5	258.7	709.6	*434.4*	*66.9*	*35.1*
1999	16.4	422.8	70.8	1.0	134.1	33.0	6.7	29.8	275.5	714.7	*422.8*	*70.8*	*33.4*
2000	16.5	438.0	63.3	0.9	146.7	30.9	5.0	28.6	275.3	729.7	*438.0*	*63.3*	*31.1*
2001	15.9	413.0	67.9	1.0	137.6	32.7	7.1	43.0	289.3	718.3	*413.0*	*67.9*	*33.2*
2002	16.4	420.8	62.9	1.2	143.2	30.5	6.6	33.0	277.4	714.6	*420.8*	*62.9*	*30.8*
2003	12.6	415.9	58.2	1.2	155.2	30.5	5.4	34.9	285.4	713.9	*415.9*	*58.2*	*30.8*
2004	14.1	407.9	81.8	0.8	175.5	35.7	4.4	36.0	334.1	756.1	*407.9*	*81.8*	*36.1*
2005	14.0	434.7	73.2	1.0	181.1	35.6	4.5	37.7	333.1	781.8	*434.7*	*73.2*	*35.6*
2006	15.0	375.7	80.9	1.1	180.0	35.2	4.5	40.7	342.3	733.0	*375.7*	*80.9*	*35.2*
2007	13.7	372.2	78.3	0.8	164.7	35.6	4.6	39.0	323.1	708.9	*372.2*	*78.3*	*35.6*
2008	14.7	343.9	75.3	1.3	135.0	34.3	2.5	30.4	278.7	637.4	*343.9*	*75.3*	*34.3*
2009	14.5	344.0	83.3	1.6	106.3	34.1	3.5	36.4	265.2	623.6	*344.0*	*83.6*	*34.1*
2010	14.5	335.0	79.3	1.4	R 113.9	34.8	2.2	42.4	R 273.9	R 623.4	*335.0*	*79.5*	*34.8*
2011	15.5	339.8	83.9	1.3	R 103.1	33.6	1.9	44.8	R 268.7	R 624.0	*339.8*	*84.6*	*33.6*
2012	15.5	347.2	79.4	1.3	R 92.5	33.7	2.7	40.2	R 249.9	R 612.6	*347.2*	*79.5*	*33.7*
2013	14.8	332.6	72.9	1.3	R 87.0	32.8	0.6	37.0	R 231.6	R 579.0	*332.6*	*73.2*	*32.8*
2014	18.2	329.3	72.2	1.3	R 85.5	32.2	0.7	32.6	R 224.5	R 572.0	*329.3*	*73.1*	*34.2*
2015	19.5	333.9	78.1	1.1	R 91.1	34.8	0.7	28.9	R 234.7	R 588.2	*333.9*	*78.2*	*34.8*
2016	16.6	330.9	63.1	1.2	R 89.8	35.2	0.0	29.5	R 218.8	R 566.3	*330.9*	*64.3*	*35.2*
2017	16.4	343.9	58.2	1.2	R 91.8	34.2	0.0	R 30.7	R 216.3	R 576.5	*343.9*	*59.1*	*34.2*
2018	17.3	346.3	64.4	1.3	R 92.9	33.8	(s)	R 22.1	R 214.5	R 578.1	*346.3*	*65.2*	*33.8*
2019	17.6	354.3	64.0	1.3	91.6	33.3	0.0	29.5	219.6	591.5	*354.3*	*64.8*	*33.3*

[a] Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] 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."

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

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, Alaska (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity [k]	Electricity Net Imports [l]	Total [f]
		Hydro-electric Power [e,f]	Biomass					Geo-thermal [f]	Solar [f,j]	Wind	Total [f]			
			Wood and Waste [f,g]	Fuel Ethanol [h]	Biodiesel	Losses and Co-products [i]	Total [f]							
1960	0.0	3.1	3.7	NA	NA	NA	3.7	0.0	NA	NA	6.8	0.0	0.0	61.4
1965	0.0	3.7	4.9	NA	NA	NA	4.9	0.0	NA	NA	8.5	0.0	0.0	87.8
1970	0.0	3.8	5.0	NA	NA	NA	5.0	0.0	NA	NA	8.8	0.0	(s)	182.0
1971	0.0	3.8	5.3	NA	NA	NA	5.3	0.0	NA	NA	9.1	0.0	0.0	201.0
1972	0.0	3.6	5.1	NA	NA	NA	5.1	0.0	NA	NA	8.7	0.0	0.0	214.4
1973	0.0	3.0	4.9	NA	NA	NA	4.9	0.0	NA	NA	7.8	0.0	0.0	197.0
1974	0.0	3.4	4.9	NA	NA	NA	4.9	0.0	NA	NA	8.3	0.0	0.0	201.5
1975	0.0	3.7	4.9	NA	NA	NA	4.9	0.0	NA	NA	8.6	0.0	0.0	232.2
1976	0.0	4.0	5.2	NA	NA	NA	5.2	0.0	NA	NA	9.2	0.0	0.0	254.6
1977	0.0	5.3	6.1	NA	NA	NA	6.1	0.0	NA	NA	11.4	0.0	0.0	293.5
1978	0.0	4.9	5.9	NA	NA	NA	5.9	0.0	NA	NA	10.8	0.0	0.0	324.0
1979	0.0	4.7	6.0	NA	NA	NA	6.0	0.0	NA	NA	10.7	0.0	0.0	299.8
1980	0.0	5.6	2.7	NA	NA	NA	2.7	0.0	NA	NA	8.3	0.0	0.0	295.7
1981	0.0	6.2	3.0	0.0	NA	0.0	3.0	0.0	NA	NA	9.2	0.0	0.0	279.7
1982	0.0	5.9	2.9	0.0	NA	0.0	2.9	0.0	NA	NA	8.7	0.0	0.0	409.1
1983	0.0	6.2	3.3	0.0	NA	0.0	3.3	0.0	NA	0.0	9.6	0.0	0.0	437.6
1984	0.0	7.2	3.9	0.0	NA	0.0	3.9	0.0	0.0	(s)	11.2	0.0	0.0	482.9
1985	0.0	7.8	4.0	0.0	NA	0.0	4.0	0.0	0.0	(s)	11.8	0.0	0.0	474.4
1986	0.0	8.4	2.3	(s)	NA	0.0	2.3	0.0	0.0	0.0	10.7	0.0	0.0	504.3
1987	0.0	9.1	2.9	(s)	NA	0.0	2.9	0.0	0.0	0.0	12.0	0.0	0.0	499.2
1988	0.0	9.7	3.1	(s)	NA	0.0	3.1	0.0	0.0	0.0	12.8	0.0	0.0	521.4
1989	0.0	9.1	9.2	(s)	NA	0.0	9.2	0.1	(s)	0.0	18.3	0.0	0.0	576.2
1990	0.0	10.1	8.2	0.0	NA	0.0	8.2	0.1	(s)	0.0	18.4	0.0	(s)	584.1
1991	0.0	9.4	8.0	0.0	NA	0.0	8.0	0.1	(s)	0.0	17.4	0.0	(s)	602.7
1992	0.0	9.5	8.8	0.0	NA	0.0	8.8	0.1	(s)	0.0	18.3	0.0	(s)	627.2
1993	0.0	13.4	7.1	0.0	NA	0.0	7.1	0.1	(s)	0.0	20.6	0.0	(s)	623.6
1994	0.0	13.9	9.7	(s)	NA	0.0	9.7	0.1	(s)	0.0	23.6	0.0	(s)	623.0
1995	0.0	14.1	8.3	0.6	NA	0.0	8.9	0.1	(s)	0.0	23.1	0.0	(s)	704.1
1996	0.0	13.1	8.0	0.7	NA	0.0	8.8	0.1	(s)	0.0	21.9	0.0	(s)	718.7
1997	0.0	11.2	3.7	0.6	NA	0.0	4.3	0.1	(s)	0.0	15.6	0.0	(s)	708.7
1998	0.0	11.4	1.9	0.3	NA	0.0	2.2	0.1	(s)	0.0	13.6	0.0	(s)	723.2
1999	0.0	8.4	1.8	0.4	NA	0.0	2.2	0.1	(s)	0.0	10.6	0.0	(s)	725.3
2000	0.0	10.2	1.9	0.2	NA	0.0	2.1	0.1	(s)	0.0	12.4	0.0	(s)	742.1
2001	0.0	13.9	3.0	0.5	(s)	0.0	3.4	0.1	(s)	(s)	17.4	0.0	(s)	735.7
2002	0.0	14.6	3.2	0.3	(s)	0.0	3.5	0.1	(s)	0.0	18.3	0.0	(s)	732.9
2003	0.0	16.0	3.3	0.2	(s)	0.0	3.5	0.1	(s)	0.0	19.6	0.0	(s)	733.5
2004	0.0	15.0	3.3	0.4	(s)	0.0	3.8	0.1	(s)	0.0	18.9	0.0	(s)	775.0
2005	0.0	14.6	1.1	0.0	0.1	0.0	1.2	0.1	(s)	(s)	15.9	0.0	(s)	797.7
2006	0.0	12.1	1.1	0.0	0.2	0.0	1.2	0.1	(s)	(s)	13.5	0.0	(s)	746.5
2007	0.0	12.8	1.2	0.0	0.2	0.0	1.4	0.1	(s)	(s)	14.3	0.0	(s)	723.2
2008	0.0	11.5	1.2	0.0	0.2	0.0	1.4	0.1	(s)	(s)	13.1	0.0	(s)	650.5
2009	0.0	12.9	2.5	0.0	0.2	0.0	2.8	0.2	(s)	0.1	15.9	0.0	(s)	639.6
2010	0.0	14.0	2.7	0.0	0.2	0.0	2.9	0.2	(s)	0.1	17.1	0.0	(s)	R 640.6
2011	0.0	13.1	2.7	0.0	0.6	0.0	3.3	0.2	(s)	0.1	16.7	0.0	(s)	R 640.7
2012	0.0	15.0	2.3	0.0	(s)	0.0	2.3	0.2	(s)	0.4	17.8	0.0	(s)	R 630.5
2013	0.0	13.7	3.4	0.0	0.3	0.0	3.7	0.2	(s)	1.4	18.9	0.0	(s)	R 598.0
2014	0.0	14.6	3.5	2.1	0.9	0.0	6.5	0.2	(s)	1.4	22.8	0.0	0.0	R 594.8
2015	0.0	14.6	7.5	0.0	(s)	(s)	7.5	0.2	(s)	1.5	23.8	0.0	0.0	R 612.0
2016	0.0	15.3	8.0	0.0	1.1	(s)	R 9.2	0.2	(s)	1.6	R 26.3	0.0	(s)	R 592.6
2017	0.0	15.1	6.9	0.0	0.9	(s)	7.8	0.2	(s)	1.3	24.4	0.0	(s)	R 601.0
2018	0.0	15.2	R 7.4	0.0	0.9	(s)	8.2	0.2	(s)	1.4	25.0	0.0	(s)	R 603.1
2019	0.0	14.5	6.8	0.0	0.9	0.0	7.6	0.2	(s)	1.3	23.6	0.0	0.0	615.1

[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, 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] Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

[i] Losses and co-products from the production of biodiesel and fuel ethanol.

[j] Solar thermal and photovoltaic energy.

[k] Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

[l] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2019, Alaska

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity Retail Sales	Net Energy [h,l]	Electrical System Energy Losses [m]	Total [h,l]
			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]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
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 20,083	6,877	37	6,887	R 47,514	0	– –	– –	– –	– –	6,247	– –	– –	– –
2011	626	294	14,089	333	R 18,190	6,643	69	7,262	R 46,586	0	– –	– –	– –	– –	6,320	– –	– –	– –
2012	604	303	13,268	338	R 16,313	6,661	57	6,501	R 43,138	0	– –	– –	– –	– –	6,416	– –	– –	– –
2013	586	298	12,145	327	R 15,348	6,482	0	5,983	R 40,286	0	– –	– –	– –	– –	6,268	– –	– –	– –
2014	545	297	12,179	329	R 15,080	6,763	0	R 5,255	R 39,606	0	– –	– –	– –	– –	6,165	– –	– –	– –
2015	560	303	12,984	285	R 16,068	6,878	0	R 4,653	R 40,868	0	– –	– –	– –	– –	6,159	– –	– –	– –
2016	461	302	10,355	303	R 15,832	6,967	0	R 4,653	R 38,111	168	– –	– –	– –	– –	6,123	– –	– –	– –
2017	478	319	9,377	323	R 16,197	6,778	0	R 4,843	R 37,518	182	– –	– –	– –	– –	6,186	– –	– –	– –
2018	459	330	10,482	338	R 16,377	6,694	(s)	R 3,542	R 37,433	176	– –	– –	– –	– –	5,972	– –	– –	– –
2019	437	335	10,383	346	16,155	6,584	0	4,660	38,128	130	– –	– –	– –	– –	5,819	– –	– –	– –
			Trillion Btu															
1960	6.3	2.0	14.8	0.2	10.6	8.7	4.5	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 113.9	34.8	0.2	42.4	R 269.3	0.0	2.7	0.0	0.2	(s)	21.3	R 597.1	43.5	R 640.6
2011	9.5	297.5	81.3	1.3	R 103.1	33.6	0.4	44.8	R 264.6	0.0	2.7	0.0	0.2	(s)	21.6	R 596.0	44.7	R 640.7
2012	9.2	307.0	76.5	1.3	R 92.5	33.7	0.4	40.2	R 244.6	0.0	2.3	0.0	0.2	(s)	21.9	R 585.1	45.3	R 630.5
2013	9.0	298.6	70.0	1.3	R 87.0	32.8	0.0	37.0	R 228.1	0.0	3.4	0.0	0.2	(s)	21.4	R 560.6	37.4	R 598.0
2014	8.3	297.3	70.2	1.3	R 85.5	34.2	0.0	32.6	R 223.8	0.0	3.5	0.0	0.2	(s)	21.0	R 554.2	40.6	R 594.8
2015	8.5	303.7	74.8	1.1	R 91.1	34.8	0.0	28.9	R 230.7	0.0	7.5	(s)	0.2	(s)	21.0	R 571.6	40.4	R 612.0
2016	7.0	302.7	59.6	1.2	R 89.8	35.2	0.0	29.5	R 215.3	1.6	8.0	(s)	0.2	(s)	20.9	R 555.6	37.0	R 592.6
2017	7.2	314.9	54.0	1.2	R 91.8	34.2	0.0	R 30.7	R 212.0	1.7	6.9	(s)	0.2	(s)	21.1	R 564.0	36.9	R 601.0
2018	6.9	320.9	60.4	1.3	R 92.9	33.8	(s)	R 22.1	R 210.5	1.6	R 7.4	(s)	0.2	(s)	20.4	R 567.9	35.2	R 603.1
2019	6.6	329.9	59.8	1.3	91.6	33.3	0.0	29.5	215.5	1.2	6.8	0.0	0.2	(s)	19.9	579.9	35.2	615.1

[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.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2019, Alaska

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity Retail Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	HGL [c]	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Wood [d]			Million Kilowatthours			
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	– –	– –	– –
2001	52	17	1,824	143	16	1,982	– –	– –	– –	1,891	– –	– –	– –
2002	57	16	1,491	140	(s)	1,631	– –	– –	– –	1,932	– –	– –	– –
2003	58	17	1,472	149	15	1,636	– –	– –	– –	1,987	– –	– –	– –
2004	50	18	1,687	91	20	1,797	– –	– –	– –	2,062	– –	– –	– –
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	– –	– –	– –
							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
2001	0.8	17.0	10.6	0.5	0.1	11.3	2.5	(s)	(s)	6.5	38.1	16.0	54.0
2002	0.9	16.2	8.7	0.5	(s)	9.2	2.6	(s)	(s)	6.6	35.5	16.5	52.0
2003	0.9	16.9	8.6	0.6	0.1	9.2	2.7	0.1	(s)	6.8	36.6	16.2	52.8
2004	0.8	18.3	9.8	0.3	0.1	10.3	2.8	(s)	(s)	7.0	39.2	16.7	55.9
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	R 40.8	12.3	R 53.1
2018	0.0	18.1	6.4	0.5	(s)	6.9	5.9	0.1	(s)	6.7	R 37.8	11.6	R 49.4
2019	0.0	17.7	6.6	0.4	(s)	7.0	5.5	0.1	(s)	6.6	36.9	11.7	48.6

[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] 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.
[h] 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Alaska

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity Retail Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	HGL [b]	Kerosene	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours				
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	– –	– –	– –
2001	421	16	1,686	109	1	680	0	2,476	0	– –	– –	0	2,483	– –	– –	– –
2002	414	16	1,239	108	(s)	124	0	1,471	0	– –	– –	0	2,445	– –	– –	– –
2003	390	17	932	127	(s)	9	0	1,067	0	– –	– –	0	2,473	– –	– –	– –
2004	447	18	1,158	83	1	95	0	1,336	0	– –	– –	0	2,601	– –	– –	– –
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	– –	– –	– –
			Trillion Btu													
1960	0.5	0.0	1.6	0.1	0.0	0.7	2.9	5.2	NA	(s)	NA	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	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	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	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	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	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
2001	6.6	16.0	9.8	0.4	(s)	3.5	0.0	13.8	0.0	0.4	(s)	0.0	8.5	45.3	21.0	66.3
2002	6.5	15.7	7.2	0.4	(s)	0.6	0.0	8.3	0.0	0.5	(s)	0.0	8.3	39.3	20.9	60.2
2003	6.1	17.3	5.4	0.5	(s)	(s)	0.0	6.0	0.0	0.5	(s)	0.0	8.4	38.4	20.2	58.6
2004	7.0	18.4	6.7	0.3	(s)	0.5	0.0	7.6	0.0	0.5	(s)	0.0	8.9	42.4	21.1	63.5
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	0.0	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	14.4	7.3	0.8	(s)	0.5	0.0	8.6	1.2	1.2	0.1	(s)	9.0	41.0	16.0	57.0

[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 pumped-storage hydroelectricity, 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] 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 commercial utility-scale facilities.
[j] 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

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

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity Retail Sales	Net Energy [f,j]	Electrical System Energy Losses [k]	Total [f,j]
			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 Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
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	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	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

[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 pumped-storage hydroelectricity, 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] 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.
[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.

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.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, Alaska

Year	Coal	Natural Gas [a]	Petroleum								Electricity Retail Sales	Net Energy [f,g]	Electrical System Energy Losses [h]	Total [f,g]
			Aviation Gasoline	Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Lubricants	Motor Gasoline [e]	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	4	(s)	1,032	528	0	1,972	3	1,527	15	5,077	0	– –	– –	– –
1965	1	0	293	789	(s)	3,005	40	2,113	66	6,307	0	– –	– –	– –
1970	1	17	462	1,000	1	6,735	59	2,267	135	10,659	0	– –	– –	– –
1975	(s)	(s)	466	2,157	0	7,420	121	3,658	484	14,305	0	– –	– –	– –
1980	0	(s)	498	2,605	4	9,618	94	3,306	0	16,125	0	– –	– –	– –
1985	0	5	490	5,793	14	15,231	86	4,964	19	26,596	0	– –	– –	– –
1990	0	2	491	6,042	6	17,367	96	5,747	138	29,888	0	– –	– –	– –
1995	0	2	389	6,053	2	16,921	92	7,065	114	30,636	0	– –	– –	– –
2000	0	7	521	5,308	(s)	25,872	98	5,884	118	37,801	0	– –	– –	– –
2001	0	5	245	5,384	2	24,262	90	5,627	54	35,663	0	– –	– –	– –
2002	0	4	179	5,195	23	25,111	89	5,713	51	36,360	0	– –	– –	– –
2003	0	4	156	4,894	4	27,355	82	5,797	13	38,302	0	– –	– –	– –
2004	0	4	182	8,596	2	30,954	83	6,740	0	46,558	0	– –	– –	– –
2005	0	3	277	7,509	4	31,940	83	6,583	12	46,407	0	– –	– –	– –
2006	0	3	250	8,065	4	31,747	81	6,530	27	46,704	0	– –	– –	– –
2007	0	2	248	7,771	3	29,053	83	6,685	263	44,105	0	– –	– –	– –
2008	0	2	200	7,186	1	23,817	77	6,518	193	37,993	0	– –	– –	– –
2009	0	2	217	7,987	1	18,746	70	6,575	0	33,595	0	– –	– –	– –
2010	0	3	169	7,388	2	R 20,083	102	6,518	34	R 34,296	0	– –	– –	– –
2011	0	3	159	7,643	2	R 18,190	100	6,321	69	R 32,484	0	– –	– –	– –
2012	0	4	154	6,375	3	R 16,313	79	6,355	57	R 29,336	0	– –	– –	– –
2013	0	1	139	5,550	4	R 15,348	77	6,169	0	R 27,287	0	– –	– –	– –
2014	0	(s)	130	5,738	1	R 15,080	84	6,564	0	R 27,597	0	– –	– –	– –
2015	0	1	259	5,949	1	R 16,068	93	6,481	0	R 28,850	0	– –	– –	– –
2016	0	(s)	246	4,618	1	R 15,832	78	6,715	0	R 27,490	0	– –	– –	– –
2017	0	(s)	245	4,908	3	R 16,197	77	6,575	0	R 28,005	0	– –	– –	– –
2018	0	1	250	5,952	3	R 16,377	81	6,485	0	R 29,148	0	– –	– –	– –
2019	0	(s)	247	6,398	2	16,155	90	6,376	0	29,268	0	– –	– –	– –
			Trillion Btu											
1960	0.1	(s)	5.2	3.1	0.0	10.6	(s)	8.0	0.1	27.1	0.0	27.1	0.0	27.1
1965	(s)	0.0	1.5	4.6	(s)	16.5	0.2	11.1	0.4	34.4	0.0	34.4	0.0	34.4
1970	(s)	17.4	2.3	5.8	(s)	37.7	0.4	11.9	0.9	59.0	0.0	76.4	0.0	76.4
1975	(s)	0.1	2.4	12.6	0.0	41.7	0.7	19.2	3.0	79.6	0.0	79.7	0.0	79.7
1980	0.0	0.1	2.5	15.2	(s)	54.0	0.6	17.4	0.0	89.7	0.0	89.8	0.0	89.8
1985	0.0	5.2	2.5	33.7	0.1	85.8	0.5	26.1	0.1	148.8	0.0	153.9	0.0	153.9
1990	0.0	1.6	2.5	35.2	(s)	97.9	0.6	30.2	0.9	167.3	0.0	168.9	0.0	168.9
1995	0.0	2.4	2.0	35.2	(s)	95.9	0.6	36.8	0.7	171.2	0.0	173.6	0.0	173.6
2000	0.0	7.6	2.6	30.9	(s)	146.7	0.6	30.6	0.7	212.2	0.0	219.7	0.0	219.7
2001	0.0	5.1	1.2	31.3	(s)	137.6	0.5	29.3	0.3	200.3	0.0	205.5	0.0	205.5
2002	0.0	4.4	0.9	30.2	0.1	143.2	0.5	29.7	0.3	204.9	0.0	209.4	0.0	209.4
2003	0.0	4.1	0.8	28.5	(s)	155.2	0.5	30.1	0.1	215.1	0.0	219.3	0.0	219.3
2004	0.0	3.8	0.9	50.0	(s)	175.5	0.5	35.0	0.0	262.0	0.0	265.8	0.0	265.8
2005	0.0	2.7	1.4	43.7	(s)	181.1	0.5	34.2	0.1	261.0	0.0	263.7	0.0	263.7
2006	0.0	2.9	1.3	46.8	(s)	180.0	0.5	33.9	0.2	262.6	0.0	265.7	0.0	265.7
2007	0.0	2.2	1.3	44.9	(s)	164.7	0.5	34.4	1.7	247.5	0.0	249.9	0.0	249.9
2008	0.0	2.1	1.0	41.5	(s)	135.0	0.5	33.3	1.2	212.6	0.0	214.9	0.0	214.9
2009	0.0	2.4	1.1	46.1	(s)	106.3	0.4	33.5	0.0	187.4	0.0	189.8	0.0	189.8
2010	0.0	3.3	0.9	42.7	(s)	R 113.9	0.6	33.0	0.2	R 191.3	0.0	R 194.6	0.0	R 194.6
2011	0.0	3.5	0.8	44.1	(s)	R 103.1	0.6	32.0	0.4	R 181.1	0.0	R 184.6	0.0	R 184.6
2012	0.0	4.0	0.8	36.8	(s)	R 92.5	0.5	32.2	0.4	R 163.1	0.0	R 167.1	0.0	R 167.1
2013	0.0	0.6	0.7	32.0	(s)	R 87.0	0.5	31.2	0.0	R 151.4	0.0	R 152.0	0.0	R 152.0
2014	0.0	0.3	0.7	33.1	(s)	R 85.5	0.5	33.2	0.0	R 152.9	0.0	R 153.3	0.0	R 153.3
2015	0.0	0.6	1.3	34.3	(s)	R 91.1	0.6	32.8	0.0	R 160.0	0.0	R 160.7	0.0	R 160.7
2016	0.0	0.5	1.2	26.6	(s)	R 89.8	0.5	33.9	0.0	R 152.0	0.0	R 152.5	0.0	R 152.5
2017	0.0	0.3	1.2	28.3	(s)	R 91.8	0.5	33.2	0.0	R 155.0	0.0	R 155.4	0.0	R 155.4
2018	0.0	0.6	1.3	34.3	(s)	R 92.9	0.5	32.8	0.0	R 161.7	0.0	R 162.2	0.0	R 162.2
2019	0.0	0.3	1.2	36.8	(s)	91.6	0.5	32.2	0.0	162.5	0.0	162.8	0.0	162.8

[a] Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[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 "Industrial sector, Other Petroleum."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[g] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[h] 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.
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 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.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2019, Alaska

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity Net Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	52	0	95	0	3	99	0	290	– –	0	NA	NA	0	– –
1965	151	2	308	0	4	312	0	350	– –	0	NA	NA	0	– –
1970	249	8	394	0	5	399	0	363	– –	0	NA	NA	(s)	– –
1975	257	20	694	0	1	696	0	357	– –	0	NA	NA	0	– –
1980	273	29	538	0	353	891	0	539	– –	0	NA	NA	0	– –
1985	296	34	518	0	476	994	0	748	– –	0	0	(s)	0	– –
1990	290	34	486	0	171	658	0	975	– –	0	0	0	1	– –
1995	293	30	592	0	257	849	0	1,372	– –	0	0	0	1	– –
2000	500	36	415	0	670	1,085	0	1,002	– –	0	0	0	1	– –
2001	515	33	494	0	1,057	1,550	0	1,346	– –	0	0	1	1	– –
2002	562	32	553	0	1,007	1,560	0	1,439	– –	0	0	0	1	– –
2003	342	34	511	0	851	1,363	0	1,583	– –	0	0	0	1	– –
2004	393	38	529	0	702	1,231	0	1,498	– –	0	0	0	1	– –
2005	398	39	538	0	696	1,234	0	1,464	– –	0	0	1	1	– –
2006	408	43	586	0	682	1,268	0	1,224	– –	0	0	1	1	– –
2007	414	41	633	0	471	1,105	0	1,291	– –	0	0	1	1	– –
2008	427	43	651	0	197	848	0	1,172	– –	0	0	(s)	1	– –
2009	437	38	594	0	546	1,140	0	1,324	– –	0	0	7	1	– –
2010	410	40	489	0	306	795	0	1,433	– –	0	0	13	1	– –
2011	409	42	568	0	232	800	0	1,345	– –	0	0	12	1	– –
2012	427	40	510	0	376	886	0	1,575	– –	0	0	37	1	– –
2013	400	34	560	0	94	654	0	1,435	– –	0	0	145	1	– –
2014	655	32	507	0	119	626	0	1,539	– –	0	0	152	0	– –
2015	731	30	581	0	116	697	0	1,569	– –	0	0	160	0	– –
2016	644	28	807	0	0	807	0	1,491	– –	0	0	169	(s)	– –
2017	623	29	880	0	0	880	0	1,462	– –	0	0	142	1	– –
2018	702	25	844	0	0	844	0	1,489	– –	0	0	155	1	– –
2019	745	24	871	0	0	871	0	1,493	– –	0	0	143	0	– –
			Trillion Btu											
1960	0.9	0.0	0.6	0.0	(s)	0.6	0.0	3.1	0.0	0.0	NA	NA	0.0	4.6
1965	2.7	2.2	1.8	0.0	(s)	1.8	0.0	3.7	0.0	0.0	NA	NA	0.0	10.3
1970	4.3	8.2	2.3	0.0	(s)	2.3	0.0	3.8	0.0	0.0	NA	NA	(s)	18.6
1975	4.5	19.7	4.0	0.0	(s)	4.1	0.0	3.7	0.0	0.0	NA	NA	0.0	32.0
1980	4.3	28.9	3.1	0.0	2.2	5.4	0.0	5.6	0.0	0.0	NA	NA	0.0	44.2
1985	4.7	34.4	3.0	0.0	3.0	6.0	0.0	7.8	0.0	0.0	0.0	(s)	0.0	52.9
1990	4.6	35.3	2.8	0.0	1.1	3.9	0.0	10.1	0.0	0.0	0.0	0.0	(s)	53.9
1995	4.6	29.9	3.4	0.0	1.6	5.1	0.0	14.1	0.0	0.0	0.0	0.0	(s)	53.7
2000	8.3	35.7	2.4	0.0	4.2	6.6	0.0	10.2	0.0	0.0	0.0	0.0	(s)	60.8
2001	8.5	32.7	2.9	0.0	6.6	9.5	0.0	13.9	0.0	0.0	0.0	(s)	(s)	64.7
2002	9.1	32.0	3.2	0.0	6.3	9.5	0.0	14.6	(s)	0.0	0.0	0.0	(s)	65.3
2003	5.6	34.6	3.0	0.0	5.4	8.3	0.0	16.0	0.0	0.0	0.0	0.0	(s)	64.5
2004	6.3	37.9	3.1	0.0	4.4	7.5	0.0	15.0	0.0	0.0	0.0	0.0	(s)	66.7
2005	6.1	39.5	3.1	0.0	4.4	7.5	0.0	14.6	0.0	0.0	0.0	(s)	(s)	67.7
2006	6.2	43.6	3.4	0.0	4.3	7.7	0.0	12.1	0.0	0.0	0.0	(s)	(s)	69.7
2007	6.2	41.2	3.7	0.0	3.0	6.6	0.0	12.8	0.0	0.0	0.0	(s)	(s)	66.8
2008	6.2	43.4	3.8	0.0	1.2	5.0	0.0	11.5	0.0	0.0	0.0	(s)	(s)	66.2
2009	6.3	38.3	3.4	0.0	3.4	6.9	0.0	12.9	0.0	0.0	0.0	0.1	(s)	64.5
2010	6.0	40.0	2.8	0.0	1.9	4.7	0.0	14.0	0.0	0.0	0.0	0.1	(s)	64.8
2011	6.0	42.3	3.3	0.0	1.5	4.7	0.0	13.1	0.0	0.0	0.0	0.1	(s)	66.2
2012	6.3	40.3	2.9	0.0	2.4	5.3	0.0	15.0	0.0	0.0	0.0	0.4	(s)	67.2
2013	5.9	34.0	3.2	0.0	0.6	3.8	0.0	13.7	0.0	0.0	0.0	1.4	(s)	58.8
2014	9.9	32.0	2.9	0.0	0.7	3.7	0.0	14.6	0.0	0.0	0.0	1.4	0.0	61.6
2015	11.0	30.2	3.3	0.0	0.7	4.1	0.0	14.6	0.0	0.0	0.0	1.5	0.0	61.4
2016	9.6	28.2	4.6	0.0	0.0	4.6	0.0	13.8	0.0	0.0	0.0	1.6	(s)	57.8
2017	9.2	29.0	5.1	0.0	0.0	5.1	0.0	13.5	0.0	0.0	0.0	1.3	(s)	58.0
2018	10.4	25.4	4.9	0.0	0.0	4.9	0.0	13.6	0.0	0.0	0.0	1.4	(s)	55.6
2019	11.0	24.4	5.0	0.0	0.0	5.0	0.0	13.3	0.0	0.0	0.0	1.3	0.0	55.1

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[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] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] 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 the total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. · The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · 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.