

ALASKA Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Alaska
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Distillate Fuel Oil including Biofuels ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biofuels ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
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	R 83.1	1.6	106.3	34.1	3.5	36.4	R 264.9	R 623.4	344.0	83.6	34.1	
2010	14.5	335.0	R 79.2	1.4	112.5	34.8	2.2	42.4	R 272.5	R 622.0	335.0	79.5	34.8	
2011	15.5	339.8	R 83.8	1.3	103.4	33.6	1.9	44.8	R 268.8	R 624.1	339.8	84.6	33.6	
2012	15.5	347.2	R 78.8	1.3	93.3	33.7	2.7	40.2	R 250.1	R 612.8	347.2	79.5	33.7	
2013	14.8	332.6	R 72.1	1.3	87.0	32.8	0.6	37.0	R 230.8	R 578.2	332.6	73.2	32.8	
2014	18.2	329.3	R 72.0	1.3	87.3	32.2	0.7	32.6	R 226.1	R 573.6	329.3	73.1	34.2	
2015	19.5	333.9	R 77.0	1.1	93.3	34.8	0.7	28.9	R 235.8	R 589.3	333.9	78.2	34.8	
2016	16.6	330.9	63.1	1.2	90.9	35.2	0.0	29.5	R 219.8	R 567.3	330.9	64.3	35.2	
2017	16.4	343.9	R 57.8	1.2	92.3	34.2	0.0	30.8	R 216.5	R 576.7	343.9	59.1	34.2	
2018	17.3	346.3	R 63.9	1.3	94.4	33.8	(s)	R 22.2	R 215.6	R 579.2	346.3	65.2	33.8	
2019	17.6	343.4	R 63.5	1.3	R 93.3	33.3	0.0	29.5	R 220.8	R 581.8	343.4	64.8	33.3	
2020	18.5	373.6	R 57.7	1.3	R 104.4	29.5	0.0	29.4	R 222.3	R 614.4	373.6	58.9	29.5	
2021	18.7	384.6	65.8	1.4	126.7	32.0	(s)	30.7	256.0	659.3	384.6	66.3	32.0	

^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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, 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 ^{fj}	Wind	Total ^f			
			Wood and Waste ^{fg}	Fuel Ethanol ^h	Biodiesel	Renewable Diesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	3.1	3.7	NA	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	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	NA	5.0	0.0	NA	NA	8.8	0.0	(s)	182.0
1971	0.0	3.8	5.3	NA	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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)	NA	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)	NA	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)	NA	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)	NA	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	NA	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	NA	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	NA	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	NA	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	NA	0.0	2.8	0.2	(s)	0.1	15.9	0.0	(s)	R 639.3
2010	0.0	14.0	2.7	0.0	0.2	NA	0.0	2.9	0.2	(s)	0.1	17.1	0.0	(s)	R 639.1
2011	0.0	13.1	2.7	0.0	0.6	0.0	0.0	3.3	0.2	(s)	0.1	16.7	0.0	(s)	R 640.9
2012	0.0	15.0	2.3	0.0	(s)	0.0	0.0	2.3	0.2	(s)	0.4	17.8	0.0	(s)	R 630.6
2013	0.0	13.7	3.4	0.0	0.3	0.0	0.0	3.7	0.2	(s)	1.4	18.9	0.0	(s)	R 597.1
2014	0.0	14.6	3.5	2.1	0.9	0.0	0.0	6.5	0.2	(s)	1.4	22.8	0.0	0.0	R 596.4
2015	0.0	14.6	7.5	0.0	(s)	0.0	(s)	7.5	0.2	(s)	1.5	23.8	0.0	0.0	R 613.1
2016	0.0	15.3	8.0	0.0	1.1	0.0	(s)	9.2	0.2	(s)	1.6	26.3	0.0	(s)	R 593.6
2017	0.0	R 15.1	6.9	0.0	0.9	0.0	(s)	7.8	0.2	(s)	1.3	R 24.4	0.0	(s)	R 601.2
2018	0.0	R 15.1	7.4	0.0	0.9	0.0	(s)	8.2	0.2	(s)	1.4	25.0	0.0	(s)	R 604.2
2019	0.0	R 14.4	6.8	0.0	0.9	0.0	0.0	7.7	0.2	(s)	1.3	23.6	0.0	0.0	R 605.4
2020	0.0	15.5	7.8	0.0	0.9	0.0	0.0	8.7	0.2	0.1	1.1	25.5	0.0	0.0	R 639.9
2021	0.0	14.9	7.6	0.0	0.9	0.0	0.0	8.5	0.2	0.1	1.2	24.9	0.0	0.0	684.2

^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 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 kilowatt-hours by 3,412 Btu per kilowatt-hour.

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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>