

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Utah
(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	91.0	72.4	22.0	1.7	5.4	41.0	35.9	21.5	127.6	291.0	72.4	22.0	41.0	
1965	75.4	99.8	24.4	2.6	6.8	47.3	35.6	25.6	142.2	317.5	99.8	24.4	47.3	
1970	78.8	114.4	29.8	3.6	10.0	64.7	29.3	28.6	165.8	359.0	114.4	29.8	64.7	
1971	78.7	113.9	38.0	3.9	10.8	68.1	31.9	27.4	180.0	372.6	113.9	38.0	68.1	
1972	77.6	116.4	37.3	4.6	10.9	73.8	28.3	31.6	186.4	380.4	116.4	37.3	73.8	
1973	98.8	116.3	46.8	4.1	10.5	76.8	22.9	29.5	190.5	405.6	116.3	46.8	76.8	
1974	107.6	115.2	51.9	4.1	10.3	75.8	26.5	31.0	199.8	422.6	115.2	51.9	75.8	
1975	115.7	118.0	53.4	4.3	10.6	79.1	28.9	27.5	203.9	437.6	118.0	53.4	79.1	
1976	101.8	138.6	49.4	4.5	10.2	82.7	30.0	30.4	207.2	447.5	138.6	49.4	82.7	
1977	132.8	101.0	51.2	3.4	11.3	86.7	28.6	30.6	211.9	445.7	101.0	51.2	86.7	
1978	143.9	113.3	53.4	3.1	12.1	91.8	25.9	30.5	216.8	474.0	113.3	53.4	91.8	
1979	170.9	121.0	56.0	6.0	12.8	86.6	20.0	32.1	213.4	505.3	121.0	56.0	86.6	
1980	168.3	125.0	48.9	4.7	14.6	81.6	22.0	28.5	200.3	493.6	125.0	48.9	81.6	
1981	175.7	109.7	41.3	5.6	13.5	81.7	6.4	19.9	168.4	453.7	109.7	41.3	81.7	
1982	159.6	110.5	37.5	5.5	15.6	83.0	5.4	19.8	166.6	436.7	110.5	37.5	83.0	
1983	160.2	118.4	37.2	5.7	18.3	83.8	10.1	21.7	176.8	455.5	118.4	37.2	83.8	
1984	185.6	124.2	35.6	5.1	19.0	84.8	6.0	25.5	176.0	485.9	124.2	35.6	84.8	
1985	199.4	123.8	33.3	5.4	21.3	85.3	2.7	26.0	174.1	497.2	123.8	33.3	85.3	
1986	189.0	99.7	40.6	5.7	24.3	92.1	2.3	23.2	188.2	476.8	99.7	40.6	92.1	
1987	273.8	106.9	37.9	6.1	27.9	92.6	2.2	25.5	192.2	572.9	106.9	37.9	92.6	
1988	338.0	117.8	41.1	5.3	28.0	95.3	1.8	25.2	196.7	652.4	117.8	41.1	95.3	
1989	349.7	123.4	34.5	5.1	28.6	90.9	1.6	29.4	190.1	663.3	123.4	34.5	90.9	
1990	366.8	126.9	41.7	3.9	29.7	87.9	2.3	27.7	193.2	687.0	126.9	41.7	87.9	
1991	344.4	142.5	41.0	2.8	33.2	91.4	1.3	35.7	205.4	692.2	142.5	41.0	91.4	
1992	363.1	132.4	42.4	2.6	31.5	94.1	1.5	29.6	201.7	697.2	132.4	42.4	94.1	
1993	371.0	149.3	43.2	2.8	31.1	98.2	1.8	28.6	205.7	725.9	149.3	43.2	98.2	
1994	380.9	146.4	44.5	2.8	29.7	101.3	2.2	29.9	210.4	737.7	146.4	44.5	101.3	
1995	361.4	166.9	49.3	5.4	31.8	108.1	1.9	31.4	227.9	756.2	166.9	49.3	108.1	
1996	360.0	168.1	50.9	9.1	35.7	110.2	0.5	35.7	242.2	770.3	168.1	50.9	110.3	
1997	375.1	172.2	58.1	2.8	35.6	114.6	0.9	33.3	245.4	792.8	172.2	58.1	114.6	
1998	396.1	178.0	60.5	1.6	36.2	117.3	0.6	34.1	250.2	824.3	178.0	60.5	118.3	
1999	384.1	169.3	57.0	3.6	42.2	119.5	0.4	33.7	256.4	809.7	169.3	57.0	120.4	
2000	403.1	173.4	61.9	6.5	43.7	123.3	0.4	32.0	267.7	844.2	173.4	61.9	124.3	
2001	384.5	167.6	65.4	7.3	39.0	118.3	0.1	30.2	260.3	812.4	167.6	65.4	119.6	
2002	370.6	172.4	66.8	4.7	36.4	125.3	0.5	24.5	258.2	801.1	172.4	66.8	125.6	
2003	379.2	163.5	70.3	2.7	38.3	126.1	0.7	38.1	276.3	819.0	163.5	70.3	126.4	
2004	399.7	164.2	71.4	3.1	40.5	128.4	1.1	33.1	277.5	841.3	164.2	71.4	128.6	
2005	405.5	168.8	79.8	5.5	41.9	126.0	1.4	33.0	287.6	861.9	168.8	79.8	128.1	
2006	382.8	197.9	100.3	5.2	42.9	129.4	1.5	31.1	310.5	891.2	197.9	100.3	131.2	
2007	391.4	231.1	92.2	5.4	40.2	130.8	1.9	28.8	299.4	921.9	231.1	92.2	134.0	
2008	395.9	237.4	81.7	5.1	36.9	124.1	2.8	28.5	279.2	912.5	237.4	81.7	127.9	
2009	365.0	223.6	R 73.6	4.2	32.6	124.6	0.8	28.5	R 264.3	R 852.9	223.6	74.2	128.9	
2010	356.1	229.1	R 72.9	4.1	28.5	120.4	0.1	32.6	R 258.7	R 843.9	229.1	73.4	125.5	
2011	346.2	230.7	R 87.8	5.0	27.4	122.7	(s)	33.8	R 276.7	R 853.6	230.7	89.1	129.5	
2012	322.1	232.6	R 83.9	4.4	26.1	120.6	(s)	34.5	R 269.4	R 824.1	232.6	85.2	127.7	
2013	355.2	258.7	R 85.8	5.1	25.3	124.3	(s)	31.1	R 271.6	R 885.5	258.7	88.3	132.0	
2014	344.1	251.6	R 85.2	4.9	27.3	126.3	0.1	30.6	R 274.4	R 870.1	251.6	87.4	133.9	
2015	330.0	242.8	R 80.0	4.2	30.0	130.9	(s)	31.3	R 276.3	R 849.2	242.8	82.4	140.5	
2016	269.0	250.2	R 78.8	4.3	33.8	134.0	0.0	34.4	R 285.3	R 804.6	250.2	82.0	144.2	
2017	274.8	231.2	R 83.5	4.3	36.0	135.0	0.0	35.5	R 294.4	R 800.4	231.2	86.6	145.4	
2018	273.1	253.8	R 87.6	5.1	48.9	134.8	(s)	33.6	R 310.1	R 837.0	253.8	90.4	145.2	
2019	267.0	276.5	R 84.0	5.8	R 42.5	139.0	0.0	R 34.2	R 305.6	R 849.0	276.5	86.6	149.9	
2020	244.3	266.6	R 87.4	5.4	29.8	128.4	0.0	34.1	R 285.1	R 796.0	266.6	90.5	138.6	
2021	276.2	274.4	85.5	5.9	41.8	136.1	(s)	33.6	302.5	853.1	274.4	86.7	146.3	

^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>.

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, Utah (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 ^g	Fuel Ethanol ^h	Biodiesel	Renewable Diesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	3.3	2.2	NA	NA	NA	NA	2.2	0.0	NA	NA	5.5	6.8	0.0	303.2
1965	0.0	9.5	2.0	NA	NA	NA	NA	2.0	0.0	NA	NA	11.5	10.5	0.0	339.5
1970	0.0	7.8	2.3	NA	NA	NA	NA	2.3	0.0	NA	NA	10.1	28.0	0.0	397.0
1971	0.0	10.3	2.3	NA	NA	NA	NA	2.3	0.0	NA	NA	12.6	30.0	0.0	415.2
1972	0.0	12.7	2.5	NA	NA	NA	NA	2.5	0.0	NA	NA	15.2	32.5	0.0	428.2
1973	0.0	11.5	3.1	NA	NA	NA	NA	3.1	0.0	NA	NA	14.7	37.5	0.0	457.8
1974	0.0	9.8	2.6	NA	NA	NA	NA	2.6	0.0	NA	NA	12.4	38.6	0.0	473.7
1975	0.0	11.2	2.9	NA	NA	NA	NA	2.9	0.0	NA	NA	14.1	29.1	0.0	480.8
1976	0.0	11.7	3.3	NA	NA	NA	NA	3.3	0.0	NA	NA	15.0	47.7	0.0	510.2
1977	0.0	7.9	3.8	NA	NA	NA	NA	3.8	0.0	NA	NA	11.7	28.6	0.0	486.1
1978	0.0	7.6	4.5	NA	NA	NA	NA	4.5	0.0	NA	NA	12.1	24.6	0.0	510.7
1979	0.0	8.3	5.3	NA	NA	NA	NA	5.3	0.0	NA	NA	13.6	7.5	0.0	526.4
1980	0.0	8.5	4.5	NA	NA	NA	NA	4.5	0.0	NA	NA	13.0	-2.0	0.0	504.6
1981	0.0	6.5	5.9	0.0	NA	NA	NA	5.9	0.0	NA	NA	12.4	12.1	0.0	478.2
1982	0.0	10.7	6.0	(s)	NA	NA	NA	6.1	0.0	NA	NA	16.8	14.1	0.0	467.6
1983	0.0	14.7	6.5	0.0	NA	NA	NA	6.5	0.0	NA	0.0	21.2	15.1	0.0	491.8
1984	0.0	14.5	6.7	0.2	NA	NA	NA	6.9	0.4	0.0	0.0	21.8	-3.7	0.0	504.0
1985	0.0	10.6	6.9	(s)	NA	NA	NA	6.9	1.1	0.0	0.0	18.7	-15.5	0.0	500.4
1986	0.0	14.8	6.5	(s)	NA	NA	NA	6.5	1.8	0.0	0.0	23.0	-29.1	0.0	470.8
1987	0.0	8.9	3.6	(s)	NA	NA	NA	3.6	1.7	0.0	0.0	14.3	-124.9	0.1	462.4
1988	0.0	6.1	3.9	(s)	NA	NA	NA	3.9	1.8	0.0	0.0	11.8	-137.9	0.0	526.3
1989	0.0	5.9	3.5	(s)	NA	NA	NA	3.5	2.2	(s)	0.0	11.7	-137.3	(s)	537.6
1990	0.0	5.3	3.4	(s)	NA	NA	NA	3.4	2.0	(s)	0.0	10.8	-159.7	0.0	538.1
1991	0.0	6.5	3.6	(s)	NA	NA	NA	3.6	2.4	(s)	0.0	12.6	-136.7	0.0	568.0
1992	0.0	6.2	3.8	(s)	NA	NA	NA	3.8	2.3	(s)	0.0	12.4	-155.2	0.0	554.3
1993	0.0	8.9	3.7	0.1	NA	NA	NA	3.8	1.9	(s)	0.0	14.6	-161.1	0.0	579.5
1994	0.0	7.7	3.6	0.0	NA	NA	NA	3.6	2.5	0.1	0.0	13.8	-161.6	0.0	589.9
1995	0.0	10.0	3.6	0.0	NA	NA	NA	3.6	1.9	0.1	0.0	15.5	-131.4	0.0	640.3
1996	0.0	10.8	3.8	0.1	NA	NA	NA	3.9	2.5	0.1	0.0	17.2	-117.0	0.0	670.5
1997	0.0	13.7	4.4	0.0	NA	NA	NA	4.4	2.2	0.1	0.0	20.4	-128.5	0.1	684.8
1998	0.0	13.4	3.9	1.0	NA	NA	NA	4.9	2.2	(s)	0.0	20.5	-136.9	(s)	708.0
1999	0.0	12.8	5.4	0.9	NA	NA	NA	6.2	2.1	(s)	0.0	21.2	-131.2	0.0	699.8
2000	0.0	7.6	5.7	1.0	NA	NA	NA	6.7	2.1	(s)	0.0	16.4	-116.1	0.0	744.5
2001	0.0	5.3	3.4	1.3	(s)	NA	NA	4.7	2.2	(s)	0.0	12.1	-110.5	0.0	714.0
2002	0.0	4.7	3.4	0.3	(s)	NA	NA	3.7	2.8	(s)	0.0	11.2	-118.6	(s)	693.8
2003	0.0	4.3	3.4	0.3	(s)	NA	NA	3.7	2.5	(s)	0.0	10.5	-125.1	(s)	704.4
2004	0.0	4.5	3.5	0.1	(s)	NA	NA	3.6	2.5	(s)	0.0	10.7	-116.7	0.1	735.4
2005	0.0	7.8	3.2	2.1	(s)	NA	NA	5.4	2.5	(s)	0.0	15.8	-115.7	0.1	762.2
2006	0.0	7.4	3.2	1.8	0.1	NA	NA	5.1	2.6	(s)	0.0	15.1	-127.0	(s)	779.3
2007	0.0	5.3	3.3	3.1	0.1	NA	NA	6.5	2.3	(s)	0.0	14.2	-155.1	-0.1	781.0
2008	0.0	6.6	3.8	3.8	0.1	NA	NA	7.6	3.3	(s)	0.2	17.8	-162.1	-0.1	768.0
2009	0.0	8.2	2.7	4.3	0.1	NA	NA	7.1	3.5	0.1	1.6	20.4	-131.5	-0.1	R 741.6
2010	0.0	6.8	3.0	5.0	0.1	NA	NA	8.1	3.4	0.1	4.4	22.8	-114.1	(s)	R 752.6
2011	0.0	12.0	2.7	6.7	0.2	0.0	0.0	9.6	4.0	0.1	5.6	31.3	-95.5	(s)	R 789.4
2012	0.0	7.1	2.5	7.1	0.3	0.0	(s)	10.0	4.0	0.2	6.7	28.0	-67.1	(s)	R 785.1
2013	0.0	4.8	2.9	7.7	0.2	0.0	(s)	10.9	3.9	0.3	5.2	25.0	-90.2	-0.1	R 820.2
2014	0.0	6.0	3.1	7.6	0.5	0.0	(s)	11.2	5.8	0.4	6.3	29.7	-106.6	(s)	R 793.3
2015	0.0	7.2	5.2	9.6	0.2	0.0	(s)	15.0	4.8	1.0	5.8	33.8	R -86.8	0.1	R 796.2
2016	0.0	7.0	5.5	10.3	0.8	0.0	0.0	16.6	5.3	11.2	7.6	47.6	R -46.8	(s)	R 805.4
2017	0.0	11.9	5.1	10.4	0.5	0.0	0.0	16.0	5.2	23.1	7.9	64.2	R -39.6	(s)	R 825.0
2018	0.0	8.4	5.9	10.3	0.6	0.0	0.0	16.9	4.9	23.9	7.2	61.3	R -56.1	0.1	R 842.3
2019	0.0	7.8	5.9	10.9	1.0	0.0	0.0	17.8	3.6	23.6	7.3	60.1	R -55.3	0.0	R 853.9
2020	0.0	7.2	5.1	10.1	1.1	0.0	0.0	16.3	4.1	27.4	7.0	62.0	R -30.8	0.0	R 827.2
2021	0.0	4.4	4.4	10.2	0.6	0.0	0.0	15.1	4.5	36.6	7.3	68.0	-73.8	0.0	847.2

^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/>