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

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	3,449	70	3,775	452	1,003	7,813	5,715	3,584	22,341	0	304	NA	NA
1965	2,857	108	4,193	677	1,244	9,001	5,662	4,251	25,029	0	913	NA	NA
1970	3,025	122	5,107	939	1,808	12,308	4,656	4,632	29,450	0	741	NA	NA
1971	3,047	121	6,522	1,010	1,947	12,958	5,076	4,451	31,965	0	984	NA	NA
1972	3,024	124	6,403	1,223	1,963	14,052	4,494	5,112	33,247	0	1,223	NA	NA
1973	3,886	123	8,028	1,080	1,889	14,614	3,638	4,806	34,054	0	1,111	NA	NA
1974	4,263	121	8,906	1,096	1,864	14,439	4,222	5,044	35,571	0	941	NA	NA
1975	4,636	124	9,165	1,169	1,903	15,063	4,603	4,488	36,391	0	1,074	NA	NA
1976	4,117	146	8,484	1,219	1,828	15,741	4,768	4,921	36,961	0	1,130	NA	NA
1977	5,429	106	8,797	928	2,034	16,509	4,543	4,943	37,754	0	757	NA	NA
1978	5,954	119	9,168	841	2,164	17,478	4,122	4,929	38,701	0	734	NA	NA
1979	7,104	126	9,610	1,658	2,302	16,480	3,187	5,172	38,409	0	802	NA	NA
1980	7,106	115	8,401	1,301	2,637	15,534	3,495	4,615	35,983	0	821	NA	NA
1981	7,432	102	7,098	1,546	2,424	15,548	1,022	3,174	30,812	0	623	0	NA
1982	6,787	118	6,438	1,523	2,801	15,793	855	3,154	30,563	0	1,024	1	NA
1983	6,873	110	6,387	1,577	3,284	15,954	1,600	3,515	32,316	0	1,394	0	NA
1984	7,905	116	6,107	1,387	3,413	16,151	953	4,090	32,101	0	1,391	59	NA
1985	8,303	115	5,715	1,486	3,808	16,240	431	4,129	31,809	0	1,019	12	NA
1986	8,112	105	6,978	1,542	4,335	17,541	360	3,651	34,406	0	1,413	5	NA
1987	11,807	99	6,507	1,652	4,969	17,623	357	4,065	35,172	0	856	1	NA
1988	14,513	109	7,060	1,432	4,977	18,148	288	4,066	35,971	0	593	1	NA
1989	15,044	114	5,917	1,386	5,095	17,311	250	4,736	34,694	0	562	1	NA
1990	15,738	117	7,162	1,074	5,281	16,724	367	4,475	35,082	0	508	1	NA
1991	14,834	133	7,038	747	5,917	17,395	200	5,636	36,933	0	627	1	NA
1992	15,719	123	7,286	696	5,607	17,905	245	4,785	36,524	0	602	7	NA
1993	16,063	138	7,422	779	5,518	18,837	285	4,582	37,422	0	860	19	NA
1994	16,603	137	7,653	784	5,270	19,433	343	4,792	38,275	0	750	0	NA
1995	15,675	157	8,469	1,531	5,658	20,771	294	4,995	41,718	0	969	0	NA
1996	15,615	161	8,746	2,621	6,303	21,170	87	5,703	44,628	0	1,049	22	NA
1997	16,507	165	9,976	750	6,279	22,024	149	5,349	44,529	0	1,344	0	NA
1998	17,482	170	10,398	430	6,379	22,735	96	5,413	45,452	0	1,315	297	NA
1999	16,611	160	9,793	1,013	7,443	23,141	60	5,356	46,806	0	1,255	253	NA
2000	17,373	165	10,629	1,804	7,701	23,895	71	5,080	49,179	0	746	287	NA
2001	16,748	159	11,236	1,988	6,880	22,993	18	4,898	48,013	0	508	378	(s)
2002	16,434	163	11,482	1,280	6,416	24,158	82	4,031	47,450	0	458	100	1
2003	16,975	154	12,082	716	6,758	24,325	111	6,089	50,082	0	421	77	1
2004	18,150	156	12,264	805	7,137	24,744	171	5,312	50,434	0	450	37	1
2005	18,594	160	13,717	1,473	7,394	24,677	220	5,323	52,803	0	784	619	4
2006	17,324	187	17,292	1,399	7,560	25,312	243	5,057	56,863	0	747	521	10
2007	17,526	220	15,946	1,453	7,085	26,054	309	4,703	55,550	0	539	900	14
2008	17,799	224	14,138	1,351	6,509	25,051	441	4,624	52,113	0	668	1,088	12
2009	16,643	214	12,852	1,113	5,751	25,324	130	4,610	49,781	0	835	1,255	13
2010	15,950	219	12,707	1,078	R 5,113	24,761	14	5,275	R 48,948	0	696	1,453	10
2011	15,603	222	15,448	1,313	R 4,843	25,568	1	5,457	R 52,631	0	1,230	1,934	36
2012	14,671	223	14,776	1,134	R 4,670	25,228	1	5,559	R 51,368	0	748	2,054	65
2013	16,173	247	15,317	1,322	R 4,482	26,085	2	5,037	R 52,245	0	505	2,223	45
2014	15,676	242	15,169	1,284	R 4,811	26,469	21	R 4,959	R 52,713	0	633	2,203	87
2015	15,242	233	14,293	1,090	R 5,385	27,776	4	R 5,065	R 53,614	0	769	2,763	39
2016	12,576	240	14,248	1,123	R 6,083	28,535	0	R 5,443	R 55,432	0	760	2,952	150
2017	12,923	222	15,043	1,132	R 6,499	28,769	0	R 5,614	R 57,057	0	1,294	2,986	101
2018	12,710	244	15,700	1,330	R 8,795	28,725	3	R 5,311	R 59,864	0	927	2,965	116
2019	12,272	264	15,040	1,508	7,555	29,667	0	5,414	59,184	0	875	3,118	194

[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, Utah

(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	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*	*98.3*
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	74.2	4.2	32.6	124.6	0.8	28.5	264.9	853.5	*223.6*	*74.2*	*128.9*
2010	356.1	229.1	73.3	4.1	R 29.0	120.4	0.1	32.6	R 259.6	R 844.8	*229.1*	*73.4*	*125.5*
2011	346.2	230.7	88.9	5.0	R 27.5	122.7	(s)	33.8	R 278.0	R 854.9	*230.7*	*89.1*	*129.5*
2012	322.1	232.6	84.9	4.4	R 26.5	120.6	(s)	34.5	R 270.8	R 825.4	*232.6*	*85.2*	*127.7*
2013	355.2	258.7	88.0	5.1	R 25.4	124.3	(s)	31.0	R 273.8	R 887.7	*258.7*	*88.3*	*132.0*
2014	344.1	251.6	87.0	4.9	R 27.3	126.3	0.1	R 30.6	R 276.1	R 871.8	*251.6*	*87.4*	*133.9*
2015	330.0	242.8	82.1	4.2	R 30.5	130.9	(s)	31.2	R 279.0	R 851.9	*242.8*	*82.4*	*140.5*
2016	269.0	250.2	81.2	4.3	R 34.5	134.0	0.0	34.3	R 288.4	R 807.6	*250.2*	*82.0*	*144.2*
2017	274.8	R 231.2	86.1	4.3	R 36.8	135.0	0.0	35.4	R 297.6	R 803.6	R *231.2*	*86.6*	*145.4*
2018	273.1	R 253.8	89.8	5.1	R 49.9	134.8	(s)	33.5	R 313.1	R 840.0	R *253.8*	*90.4*	*145.2*
2019	267.0	275.8	85.6	5.8	42.8	139.0	0.0	34.0	307.3	850.1	*275.8*	*86.6*	*149.9*

[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, 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 [f,g]	Fuel Ethanol [h]	Biodiesel	Losses and Co-products [i]	Total [f]							
1960	0.0	3.3	2.2	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	2.0	0.0	NA	NA	11.5	10.5	0.0	339.5
1970	0.0	7.8	2.3	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	2.3	0.0	NA	NA	12.6	30.0	0.0	415.2
1972	0.0	12.7	2.5	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	3.1	0.0	NA	NA	14.7	37.5	0.0	457.8
1974	0.0	9.8	2.6	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	2.9	0.0	NA	NA	14.1	29.1	0.0	480.8
1976	0.0	11.7	3.3	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	3.8	0.0	NA	NA	11.7	28.6	0.0	486.1
1978	0.0	7.6	4.5	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	5.3	0.0	NA	NA	13.6	7.5	0.0	526.4
1980	0.0	8.5	4.5	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	0.0	5.9	0.0	NA	NA	12.4	12.1	0.0	478.2
1982	0.0	10.7	6.0	(s)	NA	0.0	6.1	0.0	NA	NA	16.8	14.1	0.0	467.6
1983	0.0	14.7	6.5	0.0	NA	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	3.5	2.2	(s)	0.0	11.7	-137.3	(s)	537.6
1990	0.0	5.3	3.4	(s)	NA	0.0	3.4	2.0	(s)	0.0	10.8	-159.7	0.0	538.1
1991	0.0	6.5	3.6	(s)	NA	0.0	3.6	2.4	(s)	0.0	12.6	-136.7	0.0	568.0
1992	0.0	6.2	3.8	(s)	NA	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	4.9	2.2	(s)	0.0	20.5	-136.9	(s)	708.0
1999	0.0	12.8	5.4	0.9	NA	0.0	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	0.0	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)	0.0	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)	0.0	3.7	2.8	(s)	0.0	11.2	-118.6	(s)	693.8
2003	0.0	4.3	3.4	0.3	(s)	0.0	3.7	2.5	(s)	0.0	10.5	-125.1	(s)	704.4
2004	0.0	4.5	3.5	0.1	(s)	0.0	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)	0.0	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	0.0	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	0.0	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	0.0	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	0.0	7.1	3.5	0.1	1.6	20.4	-131.5	-0.1	742.2
2010	0.0	6.8	3.0	5.0	0.1	0.0	8.1	3.4	0.1	4.4	22.8	-114.1	(s)	R 753.5
2011	0.0	12.0	2.7	6.7	0.2	0.0	9.6	4.0	0.1	5.6	31.3	-95.5	(s)	R 790.7
2012	0.0	7.1	2.5	7.1	0.3	(s)	10.0	4.0	0.2	6.7	28.0	-67.1	(s)	R 786.4
2013	0.0	4.8	2.9	7.7	0.2	(s)	10.9	3.9	0.3	5.2	25.0	-90.2	-0.1	R 822.4
2014	0.0	6.0	3.1	7.6	0.5	(s)	11.2	5.8	0.4	6.3	29.7	-106.6	(s)	R 795.0
2015	0.0	7.2	5.2	9.6	0.2	(s)	15.0	4.8	1.0	5.8	33.8	-86.9	0.1	R 798.8
2016	0.0	7.0	5.5	10.3	0.8	0.0	R 16.6	5.3	11.2	7.6	47.6	R -46.9	(s)	R 808.3
2017	0.0	11.9	5.1	10.4	0.5	0.0	16.0	5.2	23.1	7.9	64.2	-39.7	(s)	R 828.2
2018	0.0	8.4	5.9	10.3	0.6	0.0	16.9	4.9	23.9	7.2	61.3	-56.3	0.1	R 845.1
2019	0.0	7.8	5.9	10.9	1.0	0.0	17.8	3.6	23.6	7.3	60.1	-55.5	0.0	854.6

[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, Utah

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	2,935	66	3,764	452	1,003	7,813	3,425	3,584	20,039	(s)	– –	– –	– –	– –	3,474	– –	– –	– –
1970	2,590	118	5,098	939	1,808	12,308	2,888	4,632	27,673	3	– –	– –	– –	– –	5,225	– –	– –	– –
1980	2,211	110	8,333	1,301	2,637	15,534	3,437	4,615	35,857	0	– –	– –	– –	– –	10,705	– –	– –	– –
1990	2,174	116	7,078	1,074	5,281	16,724	367	4,475	34,998	0	– –	– –	– –	– –	15,402	– –	– –	– –
2000	2,209	154	10,528	1,804	7,701	23,895	71	5,080	49,078	0	– –	– –	– –	– –	23,185	– –	– –	– –
2001	1,842	144	11,126	1,988	6,880	22,993	18	4,898	47,903	0	– –	– –	– –	– –	23,217	– –	– –	– –
2002	790	148	11,385	1,280	6,416	24,158	82	4,031	47,354	0	– –	– –	– –	– –	23,267	– –	– –	– –
2003	672	140	12,021	716	6,758	24,325	111	6,089	50,020	0	– –	– –	– –	– –	23,860	– –	– –	– –
2004	1,544	146	12,204	805	7,137	24,744	171	5,312	50,374	0	– –	– –	– –	– –	24,512	– –	– –	– –
2005	1,476	148	13,643	1,473	7,394	24,677	220	5,323	52,729	0	– –	– –	– –	– –	25,000	– –	– –	– –
2006	715	158	17,166	1,399	7,560	25,312	243	5,057	56,737	0	– –	– –	– –	– –	26,366	– –	– –	– –
2007	934	163	15,872	1,453	7,085	26,054	309	4,703	55,477	0	– –	– –	– –	– –	27,785	– –	– –	– –
2008	873	169	14,060	1,351	6,509	25,051	441	4,624	52,035	0	– –	– –	– –	– –	28,192	– –	– –	– –
2009	718	164	12,789	1,113	5,751	25,324	130	4,610	49,717	0	– –	– –	– –	– –	27,587	– –	– –	– –
2010	717	171	12,626	1,078	R 5,113	24,761	14	5,275	R 48,867	0	– –	– –	– –	– –	28,044	– –	– –	– –
2011	598	182	15,360	1,313	R 4,843	25,568	1	5,457	R 52,542	0	– –	– –	– –	– –	28,859	– –	– –	– –
2012	588	176	14,707	1,134	R 4,670	25,228	1	5,559	R 51,299	0	– –	– –	– –	– –	29,723	– –	– –	– –
2013	645	198	15,272	1,322	R 4,482	26,085	2	5,037	R 52,200	0	– –	– –	– –	– –	30,474	– –	– –	– –
2014	614	183	15,128	1,284	R 4,811	26,469	21	R 4,959	R 52,672	0	– –	– –	– –	– –	30,043	– –	– –	– –
2015	662	176	14,260	1,090	R 5,385	27,776	4	R 5,065	R 53,580	0	– –	– –	– –	– –	30,192	– –	– –	– –
2016	575	180	14,193	1,123	R 6,083	28,535	0	R 5,443	R 55,377	0	– –	– –	– –	– –	30,180	– –	– –	– –
2017	485	181	14,978	1,132	R 6,499	28,769	0	R 5,614	R 56,992	0	– –	– –	– –	– –	30,589	– –	– –	– –
2018	378	183	15,636	1,330	R 8,795	28,725	3	R 5,311	R 59,800	0	– –	– –	– –	– –	31,242	– –	– –	– –
2019	382	196	14,970	1,508	7,555	29,667	0	5,414	59,114	0	– –	– –	– –	– –	31,143	– –	– –	– –
			Trillion Btu															
1960	78.1	68.6	21.9	1.7	5.4	41.0	21.5	21.5	113.1	(s)	2.2	NA	NA	NA	11.9	273.9	29.3	303.2
1970	68.0	111.1	29.7	3.6	10.0	64.7	18.2	28.6	154.7	(s)	2.3	NA	NA	NA	17.8	353.9	43.1	397.0
1980	56.2	120.1	48.5	4.7	14.6	81.6	21.6	28.5	199.6	0.0	4.5	NA	NA	NA	36.5	416.8	87.7	504.6
1990	54.9	126.0	41.2	3.9	29.7	87.9	2.3	27.7	192.7	0.0	3.4	0.0	0.4	(s)	52.6	430.0	108.1	538.1
2000	55.4	162.4	61.3	6.5	43.7	124.3	0.4	32.0	268.1	0.0	4.3	0.0	0.5	(s)	79.1	569.9	174.5	744.5
2001	45.4	151.7	64.7	7.3	39.0	119.6	0.1	30.2	261.0	0.0	2.6	0.0	0.6	(s)	79.2	540.6	173.4	714.0
2002	18.3	156.8	66.3	4.7	36.4	125.6	0.5	24.5	258.0	0.0	2.6	0.0	0.6	(s)	79.4	515.7	178.1	693.8
2003	15.6	149.0	70.0	2.7	38.3	126.4	0.7	38.1	276.2	0.0	2.7	0.0	0.5	(s)	81.4	525.5	179.0	704.4
2004	33.0	154.7	71.0	3.1	40.5	128.6	1.1	33.1	277.3	0.0	2.7	0.0	0.6	(s)	83.6	552.0	183.4	735.4
2005	34.1	156.0	79.4	5.5	41.9	128.1	1.4	33.0	289.3	0.0	2.4	0.0	0.7	(s)	85.3	567.8	194.3	762.2
2006	16.6	167.5	99.6	5.2	42.9	131.2	1.5	31.1	311.6	0.0	2.4	0.0	0.7	(s)	90.0	588.8	190.5	779.3
2007	21.3	172.4	91.8	5.4	40.2	134.0	1.9	28.8	302.1	0.0	2.7	0.0	0.7	(s)	94.8	594.1	186.9	781.0
2008	19.8	179.3	81.3	5.1	36.9	127.9	2.8	28.5	282.5	0.0	2.8	0.0	0.8	(s)	96.2	581.6	186.5	768.0
2009	16.1	171.9	73.9	4.2	32.6	128.9	0.8	28.5	268.9	0.0	1.6	0.0	0.8	0.1	94.1	553.4	188.8	742.2
2010	16.5	178.8	72.9	4.1	R 29.0	125.5	0.1	32.6	R 264.2	0.0	1.8	0.0	0.7	0.1	95.7	R 557.9	195.6	R 753.5
2011	13.8	189.2	88.6	5.0	R 27.5	129.5	(s)	33.8	R 284.4	0.0	1.4	0.0	0.8	0.1	98.5	R 588.2	202.4	R 790.7
2012	13.5	183.9	84.8	4.4	R 26.5	127.7	(s)	34.5	R 277.8	0.0	1.2	(s)	0.8	0.2	101.4	R 578.9	207.5	R 786.4
2013	14.7	207.5	88.0	5.1	R 25.4	132.0	(s)	31.0	R 281.5	0.0	1.5	(s)	0.8	0.3	104.0	R 610.4	212.1	R 822.4
2014	13.9	191.2	87.2	4.9	R 27.3	133.9	0.1	R 30.6	R 284.0	0.0	1.5	(s)	0.8	0.4	102.5	R 594.4	200.6	R 795.0
2015	15.1	184.4	82.2	4.2	R 30.5	140.5	(s)	31.2	R 288.6	0.0	3.9	(s)	0.8	0.7	103.0	R 596.5	202.3	R 798.8
2016	13.1	188.6	81.7	4.3	R 34.5	144.2	0.0	34.3	R 299.1	0.0	R 4.2	0.0	0.8	1.4	103.0	R 610.2	R 198.2	R 808.3
2017	11.1	R 188.9	86.2	4.3	R 36.8	145.4	0.0	35.4	R 308.2	0.0	4.0	0.0	0.8	2.7	104.4	R 620.1	208.1	R 828.2
2018	8.7	R 190.6	90.0	5.1	R 49.9	145.2	(s)	33.5	R 323.7	0.0	5.1	0.0	0.8	3.7	106.6	R 639.2	205.9	R 845.1
2019	8.7	205.6	86.2	5.8	42.8	149.9	0.0	34.0	318.8	0.0	5.2	0.0	0.8	4.2	106.3	649.4	205.2	854.6

[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, Utah

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	147	23	100	175	1	276	– –	– –	– –	1,012	– –	– –	– –
1965	103	31	98	356	20	474	– –	– –	– –	1,243	– –	– –	– –
1970	61	45	143	489	6	639	– –	– –	– –	1,688	– –	– –	– –
1975	39	60	357	397	4	758	– –	– –	– –	2,493	– –	– –	– –
1980	50	58	112	246	0	357	– –	– –	– –	3,116	– –	– –	– –
1985	55	59	67	445	10	521	– –	– –	– –	3,985	– –	– –	– –
1990	53	43	139	299	5	442	– –	– –	– –	4,246	– –	– –	– –
1995	10	49	72	148	3	223	– –	– –	– –	5,041	– –	– –	– –
2000	6	56	79	415	4	498	– –	– –	– –	6,514	– –	– –	– –
2001	7	55	91	707	3	801	– –	– –	– –	6,693	– –	– –	– –
2002	24	59	83	437	2	522	– –	– –	– –	6,938	– –	– –	– –
2003	8	55	70	376	2	448	– –	– –	– –	7,166	– –	– –	– –
2004	21	61	85	421	2	508	– –	– –	– –	7,325	– –	– –	– –
2005	4	58	26	551	1	579	– –	– –	– –	7,567	– –	– –	– –
2006	3	60	29	644	2	675	– –	– –	– –	8,232	– –	– –	– –
2007	2	61	28	578	2	608	– –	– –	– –	8,752	– –	– –	– –
2008	0	66	17	666	1	684	– –	– –	– –	8,786	– –	– –	– –
2009	0	65	23	643	1	667	– –	– –	– –	8,725	– –	– –	– –
2010	0	66	20	442	(s)	462	– –	– –	– –	8,834	– –	– –	– –
2011	0	70	24	535	(s)	559	– –	– –	– –	8,947	– –	– –	– –
2012	0	60	26	416	(s)	442	– –	– –	– –	9,188	– –	– –	– –
2013	0	70	18	547	(s)	565	– –	– –	– –	9,402	– –	– –	– –
2014	0	62	20	455	(s)	475	– –	– –	– –	8,964	– –	– –	– –
2015	0	59	22	395	(s)	417	– –	– –	– –	9,117	– –	– –	– –
2016	0	64	26	403	1	430	– –	– –	– –	9,371	– –	– –	– –
2017	0	67	23	648	(s)	671	– –	– –	– –	9,511	– –	– –	– –
2018	0	67	26	656	(s)	682	– –	– –	– –	9,715	– –	– –	– –
2019	0	76	24	795	(s)	819	– –	– –	– –	9,740	– –	– –	– –
							Trillion Btu						
1960	3.8	23.4	0.6	0.7	(s)	1.3	1.8	NA	NA	3.5	33.8	8.5	42.3
1965	2.7	28.4	0.6	1.4	0.1	2.1	1.6	NA	NA	4.2	38.9	10.1	49.0
1970	1.5	41.9	0.8	1.9	(s)	2.7	1.7	NA	NA	5.8	53.6	13.9	67.6
1975	0.9	56.8	2.1	1.5	(s)	3.6	2.0	NA	NA	8.5	71.8	20.4	92.2
1980	1.2	62.9	0.6	0.9	0.0	1.6	3.8	NA	NA	10.6	80.1	25.5	105.6
1985	1.3	63.1	0.4	1.7	0.1	2.1	6.0	NA	NA	13.6	86.2	31.1	117.3
1990	1.2	47.3	0.8	1.1	(s)	2.0	3.0	0.1	(s)	14.5	68.0	29.8	97.8
1995	0.2	52.1	0.4	0.6	(s)	1.0	3.0	0.1	0.1	17.2	73.6	37.9	111.5
2000	0.1	58.5	0.5	1.6	(s)	2.1	3.5	(s)	(s)	22.2	86.5	49.0	135.5
2001	0.2	57.9	0.5	2.7	(s)	3.3	2.0	(s)	(s)	22.8	86.2	50.0	136.2
2002	0.6	63.0	0.5	1.7	(s)	2.2	2.0	(s)	(s)	23.7	91.5	53.1	144.6
2003	0.2	58.3	0.4	1.4	(s)	1.9	2.1	(s)	(s)	24.5	87.0	53.8	140.7
2004	0.5	63.9	0.5	1.6	(s)	2.1	2.2	(s)	(s)	25.0	93.8	54.8	148.6
2005	0.1	61.2	0.2	2.1	(s)	2.3	1.9	(s)	(s)	25.8	91.3	58.8	150.2
2006	0.1	63.4	0.2	2.5	(s)	2.7	1.7	(s)	(s)	28.1	96.0	59.5	155.5
2007	0.1	63.9	0.2	2.2	(s)	2.4	1.9	(s)	(s)	29.9	98.2	58.9	157.1
2008	0.0	70.1	0.1	2.6	(s)	2.7	2.1	(s)	(s)	30.0	104.9	58.1	163.0
2009	0.0	68.2	0.1	2.5	(s)	2.6	1.0	(s)	0.1	29.8	101.7	59.7	161.5
2010	0.0	69.2	0.1	1.7	(s)	1.8	1.1	(s)	0.1	30.1	102.4	61.6	164.0
2011	0.0	72.8	0.1	2.1	(s)	2.2	1.1	0.2	0.1	30.5	106.9	62.8	169.7
2012	0.0	62.5	0.1	1.6	(s)	1.7	0.9	0.1	0.1	31.4	96.7	64.2	160.9
2013	0.0	74.0	0.1	2.1	(s)	2.2	1.2	0.1	0.1	32.1	109.7	65.4	175.1
2014	0.0	65.3	0.1	1.7	(s)	1.9	1.2	0.1	0.2	30.6	99.2	59.8	159.1
2015	0.0	61.3	0.1	1.5	(s)	1.6	3.1	0.1	0.4	31.1	97.7	61.1	158.7
2016	0.0	66.8	0.2	1.5	(s)	1.7	3.2	0.1	1.0	32.0	104.8	R 61.5	R 166.3
2017	0.0	69.6	0.1	2.5	(s)	2.6	R 3.2	0.1	2.1	32.5	110.0	64.7	174.7
2018	0.0	70.3	0.2	2.5	(s)	2.7	R 4.2	0.1	2.9	33.1	113.2	64.0	177.2
2019	0.0	79.5	0.1	3.1	(s)	3.2	4.3	0.1	3.3	33.2	123.6	64.2	187.8

[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, Utah

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	102	10	362	117	6	281	656	1,423	NA	– –	– –	NA	640	– –	– –	– –
1965	78	16	356	238	148	234	1,072	2,048	NA	– –	– –	NA	1,128	– –	– –	– –
1970	48	10	521	327	46	202	795	1,892	NA	– –	– –	NA	1,890	– –	– –	– –
1975	92	6	1,300	266	28	210	1,098	2,902	NA	– –	– –	NA	2,479	– –	– –	– –
1980	187	(s)	1,028	165	34	81	1,051	2,358	NA	– –	– –	NA	3,141	– –	– –	– –
1985	197	9	484	298	19	88	45	934	NA	– –	– –	NA	4,596	– –	– –	– –
1990	214	16	364	200	5	96	73	738	0	– –	– –	0	5,389	– –	– –	– –
1995	67	27	382	99	1	21	13	516	0	– –	– –	0	6,462	– –	– –	– –
2000	52	31	366	278	4	22	16	687	0	– –	– –	0	8,746	– –	– –	– –
2001	53	31	696	473	8	23	18	1,219	0	– –	– –	0	9,102	– –	– –	– –
2002	174	34	558	293	4	23	0	878	0	– –	– –	0	9,293	– –	– –	– –
2003	53	31	543	269	5	23	0	840	0	– –	– –	0	9,024	– –	– –	– –
2004	192	31	490	248	8	24	0	769	0	– –	– –	0	9,345	– –	– –	– –
2005	41	34	343	558	11	24	3	940	0	– –	– –	0	9,417	– –	– –	– –
2006	32	34	437	294	6	25	1	762	0	– –	– –	0	9,749	– –	– –	– –
2007	20	34	452	382	4	25	0	863	0	– –	– –	0	10,241	– –	– –	– –
2008	0	38	423	455	2	25	0	906	0	– –	– –	0	10,286	– –	– –	– –
2009	0	37	524	323	2	25	0	874	0	– –	– –	(s)	10,235	– –	– –	– –
2010	0	38	461	329	3	25	(s)	817	0	– –	– –	1	10,368	– –	– –	– –
2011	0	40	527	552	(s)	25	0	1,105	0	– –	– –	3	10,544	– –	– –	– –
2012	0	35	653	294	(s)	26	0	973	0	– –	– –	8	10,803	– –	– –	– –
2013	0	41	610	494	1	26	0	1,130	0	– –	– –	11	11,008	– –	– –	– –
2014	0	38	586	515	1	25	17	1,145	0	– –	– –	18	11,053	– –	– –	– –
2015	0	36	369	490	(s)	404	0	1,264	0	– –	– –	26	11,615	– –	– –	– –
2016	0	39	536	335	1	421	0	1,293	0	– –	– –	43	11,565	– –	– –	– –
2017	0	41	480	257	(s)	428	0	1,165	0	– –	– –	63	11,739	– –	– –	– –
2018	0	42	423	415	(s)	432	0	1,270	0	– –	– –	79	12,084	– –	– –	– –
2019	0	47	464	425	(s)	437	0	1,326	0	– –	– –	88	11,860	– –	– –	– –
			Trillion Btu													
1960	2.6	10.5	2.1	0.5	(s)	1.5	4.1	8.2	NA	(s)	NA	NA	2.2	23.5	5.4	28.9
1965	2.0	14.4	2.1	0.9	0.8	1.2	6.7	11.8	NA	(s)	NA	NA	3.8	32.0	9.2	41.2
1970	1.2	9.5	3.0	1.3	0.3	1.1	5.0	10.6	NA	(s)	NA	NA	6.4	27.8	15.6	43.4
1975	2.2	5.8	7.6	1.0	0.2	1.1	6.9	16.8	NA	(s)	NA	NA	8.5	33.2	20.3	53.5
1980	4.3	0.4	6.0	0.6	0.2	0.4	6.6	13.8	NA	0.1	NA	NA	10.7	29.4	25.7	55.1
1985	4.6	9.1	2.8	1.1	0.1	0.5	0.3	4.8	NA	0.1	NA	NA	15.7	34.4	35.9	70.3
1990	4.9	17.7	2.1	0.8	(s)	0.5	0.5	3.9	0.0	0.3	0.1	0.0	18.4	45.3	37.8	83.1
1995	1.6	28.5	2.2	0.4	(s)	0.1	0.1	2.8	0.0	0.4	0.1	0.0	22.0	55.5	48.5	104.0
2000	1.2	32.9	2.1	1.1	(s)	0.1	0.1	3.4	0.0	0.6	0.2	0.0	29.8	68.1	65.8	134.0
2001	1.2	32.5	4.1	1.8	(s)	0.1	0.1	6.1	0.0	0.3	0.2	0.0	31.1	71.5	68.0	139.5
2002	4.1	35.5	3.2	1.1	(s)	0.1	0.0	4.5	0.0	0.4	0.2	0.0	31.7	76.4	71.1	147.5
2003	1.3	33.1	3.2	1.0	(s)	0.1	0.0	4.3	0.0	0.4	0.2	0.0	30.8	70.0	67.7	137.7
2004	4.5	32.9	2.8	1.0	(s)	0.1	0.0	4.0	0.0	0.4	0.2	0.0	31.9	73.9	69.9	143.8
2005	1.0	36.3	2.0	2.1	0.1	0.1	(s)	4.3	0.0	0.3	0.3	0.0	32.1	74.3	73.2	147.5
2006	0.8	36.0	2.5	1.1	(s)	0.1	(s)	3.8	0.0	0.4	0.3	0.0	33.3	74.5	70.4	144.9
2007	0.5	36.4	2.6	1.5	(s)	0.1	0.0	4.2	0.0	0.4	0.3	0.0	34.9	76.8	68.9	145.6
2008	0.0	40.0	2.4	1.7	(s)	0.1	0.0	4.3	0.0	0.3	0.3	0.0	35.1	80.0	68.0	148.0
2009	0.0	38.7	3.0	1.2	(s)	0.1	0.0	4.4	0.0	0.1	0.3	(s)	34.9	78.6	70.1	148.6
2010	0.0	40.3	2.7	1.3	(s)	0.1	(s)	4.1	0.0	0.1	0.4	(s)	35.4	80.2	72.3	152.5
2011	0.0	42.0	3.0	2.1	(s)	0.1	0.0	5.3	0.0	0.1	0.3	(s)	36.0	83.8	74.0	157.7
2012	0.0	37.0	3.8	1.1	(s)	0.1	0.0	5.0	0.0	0.1	0.4	0.1	36.9	79.4	75.4	154.8
2013	0.0	43.5	3.5	1.9	(s)	0.1	0.0	5.5	0.0	0.1	0.4	0.1	37.6	87.2	76.6	163.8
2014	0.0	39.9	3.4	2.0	(s)	0.1	0.1	5.6	0.0	0.1	0.4	0.2	37.7	83.9	73.8	157.7
2015	0.0	37.4	2.1	1.9	(s)	2.0	0.0	6.1	0.0	0.6	0.4	0.2	39.6	84.4	77.8	162.2
2016	0.0	40.8	3.1	1.3	(s)	2.1	0.0	6.5	0.0	0.7	0.4	0.4	39.5	88.3	R 75.9	R 164.2
2017	0.0	43.1	2.8	1.0	(s)	2.2	0.0	5.9	0.0	0.7	0.4	0.6	40.1	90.6	79.9	170.5
2018	0.0	44.2	2.4	1.6	(s)	2.2	0.0	6.2	0.0	0.8	0.4	0.7	41.2	93.5	79.6	173.1
2019	0.0	49.6	2.7	1.6	(s)	2.2	0.0	6.5	0.0	0.7	0.4	0.8	40.5	98.4	78.2	176.6

[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, Utah

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	2,640	33	990	124	299	2,399	2,831	6,642	(s)	– –	– –	– –	NA	1,822	– –	– –	– –
1965	2,306	57	1,163	70	233	2,895	3,550	7,910	3	– –	– –	– –	NA	1,404	– –	– –	– –
1970	2,477	63	1,564	116	261	2,068	4,240	8,249	3	– –	– –	– –	NA	1,648	– –	– –	– –
1975	2,478	55	3,356	495	266	3,285	4,138	11,541	0	– –	– –	– –	NA	2,968	– –	– –	– –
1980	1,974	51	2,220	876	165	2,386	4,249	9,897	0	– –	– –	– –	NA	4,448	– –	– –	– –
1985	1,726	46	989	668	220	360	3,831	6,068	0	– –	– –	– –	NA	4,458	– –	– –	– –
1990	1,907	55	1,520	524	198	245	4,161	6,649	0	– –	– –	– –	0	5,766	– –	– –	– –
1995	1,905	69	1,383	1,252	323	282	4,738	7,977	0	– –	– –	– –	0	6,957	– –	– –	– –
2000	2,151	64	1,730	1,068	240	54	4,785	7,877	0	– –	– –	– –	0	7,917	– –	– –	– –
2001	1,783	54	1,802	752	500	0	4,626	7,680	0	– –	– –	– –	0	7,411	– –	– –	– –
2002	592	49	1,819	503	517	82	3,773	6,695	0	– –	– –	– –	0	7,019	– –	– –	– –
2003	611	46	2,473	45	551	111	5,853	9,033	0	– –	– –	– –	0	7,646	– –	– –	– –
2004	1,330	46	2,095	88	591	171	5,053	7,997	0	– –	– –	– –	0	7,816	– –	– –	– –
2005	1,431	46	3,252	317	587	217	5,033	9,406	0	– –	– –	– –	0	7,989	– –	– –	– –
2006	680	53	3,683	398	612	242	4,773	9,708	0	– –	– –	– –	0	8,356	– –	– –	– –
2007	911	56	2,647	453	524	309	4,448	8,382	0	– –	– –	– –	0	8,759	– –	– –	– –
2008	873	53	2,652	166	485	441	4,352	8,096	0	– –	– –	– –	0	9,086	– –	– –	– –
2009	718	52	1,916	111	469	130	4,326	6,952	0	– –	– –	– –	(s)	8,594	– –	– –	– –
2010	717	56	1,576	283	366	14	4,986	7,225	0	– –	– –	– –	(s)	8,808	– –	– –	– –
2011	598	60	2,097	203	393	1	5,158	7,852	0	– –	– –	– –	(s)	9,333	– –	– –	– –
2012	588	68	2,326	400	390	1	5,291	8,407	0	– –	– –	– –	1	9,694	– –	– –	– –
2013	645	72	2,842	254	393	2	4,765	8,256	0	– –	– –	– –	2	10,010	– –	– –	– –
2014	614	68	3,197	291	311	4	R 4,673	R 8,476	0	– –	– –	– –	3	9,965	– –	– –	– –
2015	662	68	2,373	R 188	410	4	R 4,757	7,732	0	– –	– –	– –	5	9,405	– –	– –	– –
2016	575	65	2,209	R 358	415	0	R 5,152	R 8,135	0	– –	– –	– –	6	9,187	– –	– –	– –
2017	485	62	2,593	222	420	0	R 5,339	R 8,575	0	– –	– –	– –	8	9,283	– –	– –	– –
2018	378	60	2,887	R 257	433	3	R 5,042	R 8,621	0	– –	– –	– –	8	9,393	– –	– –	– –
2019	382	60	2,574	282	434	0	5,154	8,443	0	– –	– –	– –	9	9,491	– –	– –	– –
			Trillion Btu														
1960	70.5	34.7	5.8	0.5	1.6	15.1	17.5	40.4	(s)	0.3	NA	NA	NA	6.2	152.1	15.4	167.5
1965	61.5	52.3	6.8	0.3	1.2	18.2	21.8	48.2	(s)	0.3	NA	NA	NA	4.8	167.2	11.4	178.6
1970	65.2	59.2	9.1	0.4	1.4	13.0	26.4	50.3	(s)	0.5	NA	NA	NA	5.6	180.9	13.6	194.5
1975	64.7	52.3	19.6	1.7	1.4	20.7	25.6	68.9	0.0	0.8	NA	NA	NA	10.1	196.9	24.3	221.2
1980	50.7	55.8	12.9	3.1	0.9	15.0	26.4	58.3	0.0	0.6	NA	NA	NA	15.2	180.6	36.5	217.1
1985	44.1	49.9	5.8	2.3	1.2	2.3	24.3	35.8	0.0	0.7	0.0	NA	NA	15.2	145.8	34.8	180.6
1990	48.7	60.1	8.9	1.8	1.0	1.5	25.9	39.1	0.0	0.2	0.0	0.2	0.0	19.7	168.0	40.5	208.4
1995	47.6	73.8	8.0	4.3	1.7	1.8	29.9	45.7	0.0	0.2	0.0	0.3	0.0	23.7	191.3	52.3	243.5
2000	54.1	67.3	10.1	3.7	1.2	0.3	30.3	45.6	0.0	0.2	0.0	0.4	0.0	27.0	194.6	59.6	254.2
2001	44.0	56.4	10.5	2.6	2.6	0.0	28.7	44.3	0.0	0.3	0.0	0.4	0.0	25.3	170.7	55.3	226.0
2002	13.6	51.5	10.6	1.7	2.7	0.5	23.0	38.6	0.0	0.2	0.0	0.4	0.0	24.0	128.2	53.7	181.9
2003	14.2	49.2	14.4	0.2	2.9	0.7	36.7	54.8	0.0	0.2	0.0	0.3	0.0	26.1	144.7	57.4	202.1
2004	28.0	48.4	12.2	0.3	3.1	1.1	31.6	48.2	0.0	0.2	0.0	0.3	0.0	26.7	151.8	58.5	210.3
2005	33.0	49.0	18.9	1.1	3.0	1.4	31.3	55.8	0.0	0.2	0.0	0.4	0.0	27.3	165.6	62.1	227.7
2006	15.7	56.1	21.4	1.4	3.2	1.5	29.5	56.9	0.0	0.4	0.0	0.4	0.0	28.5	158.0	60.4	218.3
2007	20.8	59.2	15.3	1.5	2.7	1.9	27.4	48.9	0.0	0.4	0.0	0.4	0.0	29.9	159.5	58.9	218.4
2008	19.8	56.8	15.3	0.6	2.5	2.8	27.0	48.1	0.0	0.4	0.0	0.5	0.0	31.0	156.6	60.1	216.7
2009	16.1	54.0	11.1	0.4	2.4	0.8	26.9	41.6	0.0	0.4	0.0	0.4	(s)	29.3	141.8	58.8	200.6
2010	16.5	58.3	9.1	1.1	1.9	0.1	30.9	43.1	0.0	0.5	0.0	0.3	(s)	30.1	148.8	61.4	210.3
2011	13.8	62.3	12.1	0.8	2.0	(s)	R 32.1	46.9	0.0	0.2	0.0	0.3	(s)	31.8	155.4	65.5	220.8
2012	13.5	70.6	13.4	1.5	2.0	(s)	32.9	49.8	0.0	0.2	(s)	0.4	(s)	33.1	167.6	67.7	235.3
2013	14.7	75.8	16.4	1.0	2.0	(s)	29.4	48.8	0.0	0.2	(s)	0.4	(s)	34.2	174.0	69.7	243.7
2014	13.9	71.0	18.4	1.1	1.6	(s)	28.9	50.0	0.0	0.2	(s)	0.4	(s)	34.0	169.5	66.5	236.1
2015	15.1	70.7	13.7	0.7	2.1	(s)	29.4	45.9	0.0	0.2	(s)	0.4	(s)	32.1	164.4	63.0	227.4
2016	13.1	67.6	12.7	1.4	2.1	0.0	32.6	48.8	0.0	0.2	0.0	0.4	0.1	31.3	161.5	R 60.3	R 221.9
2017	11.1	64.4	14.9	0.9	2.1	0.0	33.8	51.7	0.0	0.2	0.0	0.4	0.1	31.7	159.5	63.1	222.7
2018	8.7	R 63.0	16.6	1.0	2.2	(s)	31.9	51.7	0.0	0.2	0.0	0.4	0.1	32.0	R 156.1	61.9	R 218.0
2019	8.7	62.9	14.8	1.1	2.2	0.0	32.5	50.6	0.0	0.2	0.0	0.4	0.1	32.4	155.2	62.5	217.8

[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, Utah

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	45	(s)	595	2,312	35	1,003	152	7,232	370	11,698	0	– –	– –	– –
1965	8	(s)	383	2,569	12	1,244	151	8,534	98	12,991	0	– –	– –	– –
1970	4	(s)	178	2,870	6	1,808	161	11,845	25	16,893	0	– –	– –	– –
1975	(s)	(s)	161	4,141	11	1,903	158	14,586	68	21,028	0	– –	– –	– –
1980	0	1	139	4,974	14	2,637	194	15,288	0	23,245	0	– –	– –	– –
1985	0	1	94	4,121	76	3,808	176	15,932	0	24,207	0	– –	– –	– –
1990	0	1	106	5,056	51	5,281	198	16,430	48	27,169	0	– –	– –	– –
1995	0	3	64	6,566	32	5,658	189	20,428	0	32,936	0	– –	– –	– –
2000	0	4	84	8,353	43	7,701	202	23,633	0	40,015	8	– –	– –	– –
2001	0	5	76	8,537	56	6,880	185	22,470	0	38,204	10	– –	– –	– –
2002	0	6	69	8,926	47	6,416	183	23,618	0	39,259	16	– –	– –	– –
2003	0	8	60	8,935	26	6,758	169	23,751	0	39,700	25	– –	– –	– –
2004	0	9	78	9,535	48	7,137	171	24,129	0	41,100	25	– –	– –	– –
2005	0	9	107	10,021	47	7,394	170	24,067	0	41,806	28	– –	– –	– –
2006	0	11	110	13,018	64	7,560	166	24,676	0	45,593	29	– –	– –	– –
2007	0	12	78	12,745	39	7,085	171	25,505	0	45,624	34	– –	– –	– –
2008	0	12	110	10,967	63	6,509	159	24,541	0	42,349	33	– –	– –	– –
2009	0	10	138	10,326	36	5,751	143	24,830	0	41,225	32	– –	– –	– –
2010	0	11	65	10,570	24	R 5,113	221	24,370	0	R 40,363	34	– –	– –	– –
2011	0	12	61	12,713	23	R 4,843	237	25,149	0	R 43,027	35	– –	– –	– –
2012	0	13	57	11,702	24	R 4,670	211	24,812	0	R 41,476	38	– –	– –	– –
2013	0	14	49	11,802	R 28	R 4,482	222	25,666	0	R 42,249	54	– –	– –	– –
2014	0	14	63	11,324	23	R 4,811	222	26,133	0	R 42,576	61	– –	– –	– –
2015	0	14	60	11,495	R 18	R 5,385	247	26,962	0	R 44,167	56	– –	– –	– –
2016	0	13	56	11,422	R 28	R 6,083	234	27,698	0	R 45,520	57	– –	– –	– –
2017	0	11	55	11,882	5	R 6,499	219	27,922	0	R 46,581	56	– –	– –	– –
2018	0	13	59	12,300	3	R 8,795	210	27,860	0	R 49,227	51	– –	– –	– –
2019	0	13	60	11,908	7	7,555	200	28,796	0	48,526	52	– –	– –	– –
			Trillion Btu											
1960	1.2	0.1	3.0	13.5	0.1	5.4	0.9	38.0	2.3	63.2	0.0	64.5	0.0	64.5
1965	0.2	0.4	1.9	15.0	(s)	6.8	0.9	44.8	0.6	70.1	0.0	70.6	0.0	70.6
1970	0.1	0.5	0.9	16.7	(s)	10.0	1.0	62.2	0.2	91.0	0.0	91.5	0.0	91.5
1975	(s)	0.3	0.8	24.1	(s)	10.6	1.0	76.6	0.4	113.6	0.0	113.8	0.0	113.8
1980	0.0	0.9	0.7	29.0	0.1	14.6	1.2	80.3	0.0	125.8	0.0	126.8	0.0	126.8
1985	0.0	1.3	0.5	24.0	0.3	21.3	1.1	83.7	0.0	130.8	0.0	132.1	0.0	132.1
1990	0.0	1.0	0.5	29.4	0.2	29.7	1.2	86.3	0.3	147.7	0.0	148.7	0.0	148.7
1995	0.0	3.3	0.3	38.2	0.1	31.8	1.1	106.3	0.0	178.0	0.0	181.3	0.0	181.3
2000	0.0	3.7	0.4	48.6	0.2	43.7	1.2	122.9	0.0	217.0	(s)	220.7	0.1	220.8
2001	0.0	4.9	0.4	49.7	0.2	39.0	1.1	116.9	0.0	207.3	(s)	212.2	0.1	212.3
2002	0.0	6.9	0.3	51.9	0.2	36.4	1.1	122.8	0.0	212.7	0.1	219.7	0.1	219.8
2003	0.0	8.5	0.3	52.0	0.1	38.3	1.0	123.4	0.0	215.2	0.1	223.7	0.2	223.9
2004	0.0	9.4	0.4	55.5	0.2	40.5	1.0	125.4	0.0	222.9	0.1	232.5	0.2	232.7
2005	0.0	9.5	0.5	58.3	0.2	41.9	1.0	125.0	0.0	226.9	0.1	236.6	0.2	236.8
2006	0.0	12.0	0.6	75.5	0.2	42.9	1.0	127.9	0.0	248.2	0.1	260.3	0.2	260.5
2007	0.0	12.9	0.4	73.7	0.2	40.2	1.0	131.1	0.0	246.6	0.1	259.7	0.2	259.9
2008	0.0	12.5	0.6	63.4	0.2	36.9	1.0	125.3	0.0	227.4	0.1	240.0	0.2	240.2
2009	0.0	10.9	0.7	59.7	0.1	32.6	0.9	126.4	0.0	220.4	0.1	231.3	0.2	231.6
2010	0.0	11.0	0.3	61.0	0.1	R 29.0	1.3	123.5	0.0	R 215.3	0.1	R 226.4	0.2	R 226.7
2011	0.0	12.1	0.3	73.4	0.1	R 27.5	1.4	127.3	0.0	R 230.0	0.1	R 242.2	0.2	R 242.5
2012	0.0	13.8	0.3	67.5	0.1	R 26.5	1.3	125.6	0.0	R 221.2	0.1	R 235.1	0.3	R 235.4
2013	0.0	14.3	0.2	68.0	0.1	R 25.4	1.3	129.9	0.0	R 225.0	0.2	R 239.5	0.4	R 239.9
2014	0.0	15.1	0.3	65.3	0.1	R 27.3	1.3	132.2	0.0	R 226.5	0.2	R 241.8	0.4	R 242.2
2015	0.0	15.0	0.3	66.2	0.1	R 30.5	1.5	136.3	0.0	R 235.0	0.2	R 250.1	0.4	R 250.5
2016	0.0	13.3	0.3	65.8	0.1	R 34.5	1.4	140.0	0.0	R 242.1	0.2	R 255.6	0.4	R 255.9
2017	0.0	11.8	0.3	68.4	(s)	R 36.8	1.3	141.1	0.0	R 248.0	0.2	R 259.9	0.4	R 260.3
2018	0.0	13.2	0.3	70.8	(s)	R 49.9	1.3	140.8	0.0	R 263.1	0.2	R 276.5	0.3	R 276.8
2019	0.0	13.6	0.3	68.6	(s)	42.8	1.2	145.5	0.0	258.4	0.2	272.2	0.3	272.5

[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, Utah

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	515	4	12	0	2,291	2,302	0	304	– –	0	NA	NA	0	– –
1965	363	5	8	0	1,597	1,605	0	910	– –	0	NA	NA	0	– –
1970	435	4	9	0	1,768	1,777	0	738	– –	0	NA	NA	0	– –
1975	2,026	3	10	0	152	162	0	1,074	– –	0	NA	NA	0	– –
1980	4,895	5	67	0	58	126	0	821	– –	0	NA	NA	0	– –
1985	6,325	(s)	55	0	25	80	0	1,019	– –	110	0	0	0	– –
1990	13,563	1	84	0	0	84	0	508	– –	152	0	0	0	– –
1995	13,693	9	66	0	0	66	0	969	– –	140	0	0	0	– –
2000	15,164	11	101	0	0	101	0	746	– –	152	0	0	0	– –
2001	14,906	15	110	0	0	110	0	508	– –	153	0	0	0	– –
2002	15,644	15	96	0	0	96	0	458	– –	218	0	0	9	– –
2003	16,302	14	61	0	0	61	0	421	– –	198	0	0	6	– –
2004	16,606	9	60	0	0	60	0	450	– –	195	0	0	15	– –
2005	17,118	12	74	0	0	74	0	784	– –	185	0	0	40	– –
2006	16,609	29	126	0	0	126	0	747	– –	191	0	0	14	– –
2007	16,593	56	73	0	0	73	0	539	– –	164	0	0	-16	– –
2008	16,927	55	78	0	0	78	0	668	– –	254	0	24	-42	– –
2009	15,925	50	63	0	0	63	0	835	– –	279	0	160	-35	– –
2010	15,233	48	81	0	0	81	0	696	– –	277	0	448	4	– –
2011	15,005	40	88	0	0	88	0	1,230	– –	330	0	573	10	– –
2012	14,084	47	69	0	0	69	0	748	– –	335	2	704	10	– –
2013	15,529	50	46	0	0	46	0	505	– –	319	2	540	-18	– –
2014	15,062	59	42	0	0	42	0	633	– –	522	2	660	1	– –
2015	14,580	56	34	0	0	34	0	769	– –	430	32	626	15	– –
2016	12,001	60	55	0	0	55	0	760	– –	485	1,054	822	10	– –
2017	12,438	41	66	0	0	66	0	1,294	– –	481	2,211	858	8	– –
2018	12,332	61	64	0	0	64	0	927	– –	446	2,224	795	39	– –
2019	11,891	67	70	0	0	70	0	875	– –	310	2,186	819	0	– –
							Trillion Btu							
1960	12.8	3.8	0.1	0.0	14.4	14.5	0.0	3.3	0.0	0.0	NA	NA	0.0	34.4
1965	9.1	4.4	(s)	0.0	10.0	10.1	0.0	9.5	0.0	0.0	NA	NA	0.0	33.1
1970	10.8	3.3	0.1	0.0	11.1	11.2	0.0	7.7	0.0	0.0	NA	NA	0.0	33.0
1975	47.9	2.9	0.1	0.0	1.0	1.0	0.0	11.2	0.0	0.0	NA	NA	0.0	63.0
1980	112.1	4.9	0.4	0.0	0.4	0.8	0.0	8.5	0.0	0.0	NA	NA	0.0	126.3
1985	149.3	0.3	0.3	0.0	0.2	0.5	0.0	10.6	0.0	1.1	0.0	0.0	0.0	161.8
1990	312.0	0.9	0.5	0.0	0.0	0.5	0.0	5.3	0.0	1.6	0.0	0.0	0.0	320.3
1995	312.1	9.1	0.4	0.0	0.0	0.4	0.0	10.0	0.0	1.4	0.0	0.0	0.0	333.0
2000	347.6	11.0	0.6	0.0	0.0	0.6	0.0	7.6	1.4	1.5	0.0	0.0	0.0	369.8
2001	339.1	15.8	0.6	0.0	0.0	0.6	0.0	5.3	0.8	1.6	0.0	0.0	0.0	363.1
2002	352.3	15.5	0.6	0.0	0.0	0.6	0.0	4.7	0.8	2.2	0.0	0.0	(s)	376.0
2003	363.6	14.5	0.4	0.0	0.0	0.4	0.0	4.3	0.7	2.0	0.0	0.0	(s)	385.5
2004	366.7	9.4	0.3	0.0	0.0	0.3	0.0	4.5	0.8	2.0	0.0	0.0	0.1	383.7
2005	371.5	12.8	0.4	0.0	0.0	0.4	0.0	7.8	0.8	1.8	0.0	0.0	0.1	395.3
2006	366.2	30.4	0.7	0.0	0.0	0.7	0.0	7.4	0.8	1.9	0.0	0.0	(s)	407.4
2007	370.1	58.7	0.4	0.0	0.0	0.4	0.0	5.3	0.6	1.6	0.0	0.0	-0.1	436.8
2008	376.1	58.1	0.5	0.0	0.0	0.5	0.0	6.6	1.0	2.5	0.0	0.2	-0.1	444.7
2009	348.9	51.8	0.4	0.0	0.0	0.4	0.0	8.2	1.1	2.7	0.0	1.6	-0.1	414.5
2010	339.6	50.2	0.5	0.0	0.0	0.5	0.0	6.8	1.2	2.7	0.0	4.4	(s)	405.4
2011	332.4	41.4	0.5	0.0	0.0	0.5	0.0	12.0	1.3	3.2	0.0	5.6	(s)	396.4
2012	308.5	48.8	0.4	0.0	0.0	0.4	0.0	7.1	1.3	3.2	(s)	6.7	(s)	376.0
2013	340.5	51.1	0.3	0.0	0.0	0.3	0.0	4.8	1.4	3.0	(s)	5.2	-0.1	406.3
2014	330.1	60.5	0.2	0.0	0.0	0.2	0.0	6.0	1.5	5.0	(s)	6.3	(s)	409.6
2015	314.9	58.5	0.2	0.0	0.0	0.2	0.0	7.2	1.2	4.0	0.3	5.8	0.1	392.2
2016	255.9	61.6	0.3	0.0	0.0	0.3	0.0	7.0	1.3	4.5	9.7	7.6	(s)	348.0
2017	263.7	42.3	0.4	0.0	0.0	0.4	0.0	11.9	1.1	4.4	20.4	7.9	(s)	352.1
2018	264.4	63.2	0.4	0.0	0.0	0.4	0.0	8.4	0.8	4.1	20.2	7.2	0.1	368.8
2019	258.3	70.2	0.4	0.0	0.0	0.4	0.0	7.8	0.8	2.8	19.5	7.3	0.0	367.0

[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.