

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Utah

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum							Hydro-electric power <sup>g,h</sup> Million kilowatt-hours	Biomass			Solar <sup>h,k</sup>	Electricity <sup>l</sup> Million kilowatt-hours	End use <sup>h,m</sup>	Electrical system energy losses <sup>n</sup>	Total <sup>h,m</sup>
			Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Motor gasoline <sup>e</sup>	Residual fuel oil	Other <sup>f</sup>	Total		Wood and waste <sup>h,i</sup>	Losses and co-products <sup>j</sup>	Geo-thermal <sup>h</sup>					
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	--	--	--
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	5,031	24,761	14	5,276	48,785	0	--	--	--	--	28,044	--	--	--
2011	598	182	15,360	1,313	4,825	25,568	1	5,458	52,525	0	--	--	--	--	28,859	--	--	--
2012	588	176	14,707	1,134	4,608	25,228	1	5,560	51,237	0	--	--	--	--	29,723	--	--	--
2013	645	198	15,272	1,322	4,468	26,085	2	5,041	52,191	0	--	--	--	--	30,474	--	--	--
2014	614	183	15,128	1,284	4,816	26,469	21	4,966	52,685	0	--	--	--	--	30,043	--	--	--
2015	662	176	14,260	1,090	5,288	27,776	4	5,073	53,490	0	--	--	--	--	30,192	--	--	--
2016	575	180	14,193	1,123	5,963	28,535	0	R 5,456	R 55,270	0	--	--	--	--	30,180	--	--	--
2017	485	181	14,978	1,132	6,357	28,769	0	R 5,655	R 56,891	0	--	--	--	--	30,589	--	--	--
2018	378	183	15,636	1,330	8,619	28,725	3	R 5,362	R 59,676	0	--	--	--	--	31,242	--	--	--
2019	382	197	14,970	1,508	7,501	29,667	0	R 5,475	R 59,121	0	--	--	--	--	31,143	--	--	--
2020	306	189	15,644	1,412	5,251	27,425	0	R 5,455	R 55,186	0	--	--	--	--	31,663	--	--	--
2021	335	186	R 15,165	1,527	7,369	28,963	1	R 5,382	R 58,408	35	--	--	--	--	32,678	--	--	--
2022	318	194	16,689	2,021	8,049	28,902	1	5,643	61,305	31	--	--	--	--	33,366	--	--	--

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	R 23.9	R 297.8
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	R 36.5	R 390.4
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	R 77.7	R 494.5
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	R 105.8	R 535.8
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	R 170.4	R 740.3
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	R 189.8	R 757.6
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	R 186.3	R 775.1
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	R 184.0	R 778.1
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	R 182.6	R 764.2
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	R 183.3	R 736.7
2010	16.5	178.8	72.9	4.1	28.5	125.5	0.1	32.6	263.8	0.0	1.8	0.0	0.7	0.1	95.7	574.4	R 189.1	R 746.5
2011	13.8	189.2	88.6	5.0	27.4	129.5	(s)	33.8	284.3	0.0	1.4	0.0	0.8	0.1	98.5	588.1	R 192.2	R 780.3
2012	13.5	183.9	84.8	4.4	26.1	127.7	(s)	34.5	277.5	0.0	1.2	(s)	0.8	R 0.1	101.4	R 578.4	R 198.6	R 777.0
2013	14.7	207.5	88.0	5.1	25.3	132.0	(s)	31.1	281.5	0.0	1.5	(s)	0.8	R 0.1	104.0	R 610.2	R 205.6	R 815.7
2014	13.9	191.2	87.2	4.9	27.3	133.9	0.1	30.6	284.1	0.0	1.5	(s)	0.8	R 0.2	102.5	R 594.2	R 192.4	R 786.6
2015	15.1	184.4	82.2	4.2	30.0	140.5	(s)	31.3	288.1	0.0	3.9	(s)	0.8	R 0.3	103.0	R 595.6	R 193.8	R 789.4
2016	13.1	188.6	81.7	4.3	33.8	144.2	0.0	34.4	298.5	0.0	R 4.1	0.0	0.8	R 0.6	103.0	R 608.7	R 182.5	R 791.2
2017	11.1	188.9	86.2	4.3	36.0	145.4	0.0	R 35.6	R 307.6	0.0	4.0	0.0	0.8	R 1.0	104.4	R 617.8	R 183.2	R 801.1
2018	8.7	190.6	90.0	5.1	48.9	145.2	(s)	R 33.8	R 323.0	0.0	R 5.1	0.0	0.8	R 1.4	106.6	R 636.3	R 184.9	R 821.2
2019	8.7	206.2	86.2	5.8	42.5	149.9	0.0	R 34.4	R 318.8	0.0	R 5.1	0.0	0.8	R 1.6	106.3	R 647.6	R 185.9	R 833.5
2020	7.1	196.8	90.0	5.4	29.8	138.6	0.0	R 34.3	R 298.1	0.0	R 3.5	0.0	0.8	R 1.9	108.0	R 616.2	R 187.2	R 803.4
2021	7.7	195.2	R 87.4	5.9	41.8	146.3	(s)	R 33.8	R 315.1	R 0.1	R 3.0	0.0	0.8	R 2.3	111.5	R 635.8	R 186.5	R 822.3
2022	7.4	203.2	96.2	7.8	45.6	145.9	(s)	35.6	331.1	0.1	3.4	0.0	0.8	2.7	113.8	662.6	187.3	849.9

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>h</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>i</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>k</sup> Solar thermal and photovoltaic energy.

<sup>l</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>m</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.  
<sup>n</sup> 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 sector 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>.  
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>