

Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Utah

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum								Electricity <sup>f</sup> Million kilowatthours	End use <sup>g,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation gasoline	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Lubricants	Motor gasoline <sup>e</sup>	Residual fuel oil	Total				
			Thousand barrels											
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	(s)	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	--	--	--
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	15	5,031	221	24,370	0	40,271	34	--	--	--
2011	0	12	61	12,713	15	4,825	237	25,149	0	43,000	35	--	--	--
2012	0	13	57	11,702	15	4,608	211	24,812	0	41,405	38	--	--	--
2013	0	14	49	11,802	24	4,468	222	25,666	0	42,231	54	--	--	--
2014	0	14	63	11,324	25	4,816	222	26,133	0	42,583	61	--	--	--
2015	0	14	60	11,495	24	5,288	247	26,962	0	44,076	56	--	--	--
2016	0	13	56	11,422	44	5,963	R 235	27,698	0	R 45,417	57	--	--	--
2017	0	11	55	11,882	9	6,357	R 221	27,922	0	R 46,445	56	--	--	--
2018	0	13	59	12,300	5	8,619	R 211	27,860	0	R 49,054	51	--	--	--
2019	0	13	60	11,908	12	7,501	R 202	28,797	0	R 48,479	52	--	--	--
2020	0	12	59	12,836	14	5,251	R 196	26,546	0	R 44,903	49	--	--	--
2021	0	12	59	R 12,149	16	7,369	R 198	28,090	0	R 47,946	49	--	--	--
2022	0	12	61	13,637	12	8,049	224	27,979	0	50,005	46	--	--	--

  

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
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	28.5	1.3	123.5	0.0	214.8	0.1	225.9	0.2	226.2
2011	0.0	12.1	0.3	73.4	0.1	27.4	1.4	127.3	0.0	229.8	0.1	242.1	0.2	242.3
2012	0.0	13.8	0.3	67.5	0.1	26.1	1.3	125.6	0.0	220.8	0.1	234.8	0.3	235.0
2013	0.0	14.3	0.2	68.0	0.1	25.3	1.3	129.9	0.0	224.9	0.2	239.4	0.4	239.8
2014	0.0	15.1	0.3	65.3	0.1	27.3	1.3	132.2	0.0	226.5	0.2	241.8	0.4	242.2
2015	0.0	15.0	0.3	66.2	0.1	30.0	1.5	136.3	0.0	234.5	0.2	249.6	0.4	250.0
2016	0.0	13.3	0.3	65.8	0.2	33.8	1.4	140.0	0.0	R 241.5	0.2	R 255.0	R 0.3	255.3
2017	0.0	11.8	0.3	68.4	(s)	36.0	1.3	141.1	0.0	247.2	0.2	R 259.2	R 0.3	259.5
2018	0.0	13.2	0.3	70.8	(s)	48.9	1.3	140.8	0.0	262.1	0.2	275.5	0.3	275.8
2019	0.0	13.6	0.3	68.6	(s)	42.5	1.2	145.5	0.0	258.2	0.2	272.0	0.3	272.3
2020	0.0	12.9	0.3	73.9	0.1	29.8	1.2	134.1	0.0	239.3	0.2	252.4	0.3	252.7
2021	0.0	12.9	0.3	R 70.0	0.1	41.8	R 1.2	141.9	0.0	R 255.6	0.2	R 268.6	0.3	R 268.9
2022	0.0	12.7	0.3	78.6	(s)	45.6	1.4	141.3	0.0	267.5	0.2	280.3	0.3	280.6

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<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 "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.  
<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.  
<sup>i</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.  
 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>.  
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes.  
<http://www.eia.gov/state/seds/>