

SOUTH DAKOTA
Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, South Dakota

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum								Electricity ^f Million kilowatthours	End use ^{g,h}	Electrical system energy losses ⁱ	Total ^{g,h}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total				
			Thousand barrels											
1960	(s)	(s)	106	362	22	1,145	174	5,909	11	7,729	0	--	--	--
1965	(s)	(s)	128	635	24	1,111	143	6,454	1	8,496	0	--	--	--
1970	(s)	(s)	99	929	50	1,173	151	7,645	6	10,052	0	--	--	--
1975	(s)	(s)	77	1,337	57	1,056	140	8,952	1	11,618	0	--	--	--
1980	0	(s)	97	1,977	69	1,311	156	8,150	0	11,760	0	--	--	--
1985	0	(s)	87	2,322	24	1,019	142	8,487	0	12,081	0	--	--	--
1990	0	(s)	93	2,352	23	1,097	160	8,419	(s)	12,145	0	--	--	--
1995	0	3	46	3,203	15	1,463	152	9,462	0	14,341	0	--	--	--
2000	0	6	51	3,425	14	1,024	163	9,875	0	14,551	0	--	--	--
2005	0	6	31	4,562	13	996	137	9,470	0	15,209	0	--	--	--
2006	0	5	51	4,752	12	945	134	9,360	0	15,254	0	--	--	--
2007	0	6	50	5,142	16	880	138	9,761	0	15,988	0	--	--	--
2008	0	5	34	4,866	41	659	128	9,662	0	15,390	0	--	--	--
2009	0	3	21	4,985	24	707	115	10,336	0	16,188	0	--	--	--
2010	0	6	29	5,419	3	771	105	10,242	0	16,569	0	--	--	--
2011	0	7	32	5,355	6	651	99	10,270	0	16,413	0	--	--	--
2012	0	6	32	5,736	6	791	98	10,610	0	17,274	0	--	--	--
2013	0	7	29	5,456	8	720	98	10,421	0	16,732	0	--	--	--
2014	0	5	33	5,763	9	984	103	10,666	0	17,559	0	--	--	--
2015	0	6	25	5,811	14	928	114	10,978	0	17,870	0	--	--	--
2016	0	6	25	5,536	13	836	R 106	11,164	0	R 17,680	0	--	--	--
2017	0	7	23	5,540	4	825	96	11,022	0	R 17,512	0	--	--	--
2018	0	7	25	5,889	19	666	R 94	11,010	0	R 17,703	0	--	--	--
2019	0	7	24	5,945	32	720	R 89	10,675	0	17,484	0	--	--	--
2020	0	5	25	6,110	7	668	R 86	10,316	0	R 17,212	0	--	--	--
2021	0	6	24	R 5,832	3	712	R 89	11,356	0	R 18,127	0	--	--	--
2022	0	6	25	5,833	7	748	93	11,116	0	17,934	0	--	--	--

Trillion Btu														
1960	(s)	(s)	0.5	2.1	0.1	6.1	1.1	31.0	0.1	41.0	0.0	41.1	0.0	41.1
1965	(s)	(s)	0.6	3.7	0.1	6.0	0.9	33.9	(s)	45.2	0.0	45.2	0.0	45.2
1970	(s)	(s)	0.5	5.4	0.2	6.3	0.9	40.2	(s)	53.5	0.0	53.6	0.0	53.6
1975	(s)	(s)	0.4	7.8	0.2	5.7	0.8	47.0	(s)	62.0	0.0	62.0	0.0	62.0
1980	0.0	0.1	0.5	11.5	0.3	7.1	0.9	42.8	0.0	63.1	0.0	63.2	0.0	63.2
1985	0.0	0.2	0.4	13.5	0.1	5.5	0.9	44.6	0.0	65.0	0.0	65.5	0.0	65.5
1990	0.0	0.1	0.5	13.7	0.1	5.9	1.0	44.2	(s)	65.4	0.0	66.0	0.0	66.0
1995	0.0	2.8	0.2	18.6	0.1	7.9	0.9	49.2	0.0	77.0	0.0	79.8	0.0	79.8
2000	0.0	6.3	0.3	19.9	0.1	5.8	1.0	51.4	0.0	78.4	0.0	84.7	0.0	84.7
2005	0.0	5.8	0.2	26.5	0.1	5.6	0.8	49.2	0.0	82.4	0.0	88.3	0.0	88.3
2006	0.0	5.4	0.3	27.6	(s)	5.4	0.8	48.5	0.0	82.6	0.0	88.3	0.0	88.3
2007	0.0	5.7	0.3	29.7	0.1	5.0	0.8	50.2	0.0	86.1	0.0	92.1	0.0	92.1
2008	0.0	4.7	0.2	28.1	0.2	3.7	0.8	49.3	0.0	82.3	0.0	87.3	0.0	87.3
2009	0.0	3.2	0.1	28.8	0.1	4.0	0.7	52.6	0.0	86.3	0.0	89.6	0.0	89.6
2010	0.0	5.8	0.1	31.3	(s)	4.4	0.6	51.9	0.0	88.4	0.0	94.2	0.0	94.2
2011	0.0	6.7	0.2	30.9	(s)	3.7	0.6	52.0	0.0	87.4	0.0	94.1	0.0	94.1
2012	0.0	6.5	0.2	33.1	(s)	4.5	0.6	53.7	0.0	92.1	0.0	98.6	0.0	98.6
2013	0.0	7.1	0.1	31.4	(s)	4.1	0.6	52.7	0.0	89.0	0.0	96.1	0.0	96.1
2014	0.0	5.4	0.2	33.2	(s)	5.6	0.6	54.0	0.0	93.6	0.0	99.0	0.0	99.0
2015	0.0	6.2	0.1	33.5	0.1	5.3	0.7	55.5	0.0	95.1	0.0	101.3	0.0	101.3
2016	0.0	6.8	0.1	31.9	(s)	4.7	0.6	56.4	0.0	93.9	0.0	100.6	0.0	100.6
2017	0.0	6.9	0.1	31.9	(s)	4.7	0.6	55.7	0.0	93.0	0.0	99.9	0.0	99.9
2018	0.0	7.0	0.1	33.9	0.1	3.8	0.6	55.6	0.0	94.1	0.0	R 101.1	0.0	R 101.1
2019	0.0	7.1	0.1	34.2	0.1	4.1	0.5	53.9	0.0	93.0	0.0	100.1	0.0	100.1
2020	0.0	5.6	0.1	35.2	(s)	3.8	0.5	52.1	0.0	91.7	0.0	97.3	0.0	97.3
2021	0.0	6.2	0.1	R 33.6	(s)	4.0	0.5	57.3	0.0	R 96.3	0.0	R 102.5	0.0	R 102.5
2022	0.0	6.7	0.1	33.6	(s)	4.2	0.6	56.1	0.0	95.3	0.0	102.0	0.0	102.0

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel 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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f 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.
^g There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
ⁱ 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/>