

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

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum							Hydro-electric power ^{g,h} Million kilowatt-hours	Biomass			Solar ^{h,k} Million kilowatt-hours	Electricity ^l Million kilowatt-hours	End use ^{h,m}	Electrical system energy losses ⁿ	Total ^{h,m}
			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	Geo-thermal ^h					
1960	128	20	2,934	1,370	1,145	8,561	61	1,999	16,071	20	--	--	--	1,514	--	--	--	
1970	37	32	4,327	2,712	1,173	9,903	57	1,175	19,348	35	--	--	--	2,803	--	--	--	
1980	144	24	4,743	2,530	1,311	9,688	114	909	19,295	32	--	--	--	5,084	--	--	--	
1990	226	25	5,907	3,691	1,097	8,986	60	1,054	20,795	0	--	--	--	6,334	--	--	--	
2000	604	34	5,900	2,597	1,024	10,304	133	1,964	21,921	0	--	--	--	8,283	--	--	--	
2005	278	39	6,798	2,201	996	10,273	62	2,010	22,341	0	--	--	--	9,811	--	--	--	
2006	276	37	6,825	2,171	945	10,217	29	1,863	22,050	0	--	--	--	10,056	--	--	--	
2007	273	50	7,652	2,409	880	10,330	35	1,244	22,549	0	--	--	--	10,603	--	--	--	
2008	203	63	7,165	2,679	659	10,075	45	1,357	21,979	0	--	--	--	10,974	--	--	--	
2009	132	65	7,229	2,732	707	10,768	23	1,200	22,658	0	--	--	--	11,010	--	--	--	
2010	169	71	7,496	2,036	771	10,577	2	1,423	22,305	0	--	--	--	11,356	--	--	--	
2011	188	72	7,979	1,806	651	10,608	39	954	22,037	0	--	--	--	11,680	--	--	--	
2012	205	68	7,988	1,625	791	10,931	(s)	1,369	22,704	0	--	--	--	11,734	--	--	--	
2013	206	78	7,930	1,964	720	10,749	2	884	22,249	0	--	--	--	12,210	--	--	--	
2014	215	77	7,878	1,883	984	10,973	4	870	22,592	0	--	--	--	12,355	--	--	--	
2015	197	73	7,954	1,638	928	11,390	5	891	22,806	0	--	--	--	12,102	--	--	--	
2016	212	73	7,631	1,818	836	11,553	8	R 745	R 22,592	0	--	--	--	12,130	--	--	--	
2017	224	75	7,512	1,748	825	11,415	9	R 898	R 22,407	0	--	--	--	12,314	--	--	--	
2018	181	80	7,997	1,983	666	11,404	8	R 859	R 22,918	0	--	--	--	12,857	--	--	--	
2019	218	81	8,028	2,335	720	11,058	9	R 947	R 23,098	0	--	--	--	12,869	--	--	--	
2020	193	76	9,138	1,915	668	10,703	10	R 1,093	R 23,526	0	--	--	--	12,696	--	--	--	
2021	220	78	R 7,915	1,939	712	11,748	9	R 1,206	R 23,530	7	--	--	--	13,041	--	--	--	
2022	263	84	7,953	1,902	748	11,531	9	1,193	23,336	0	--	--	--	13,467	--	--	--	

Trillion Btu

1960	2.5	20.8	17.1	5.3	6.1	45.0	0.4	12.0	85.9	R 0.1	1.5	NA	NA	NA	5.2	R 115.9	R 10.4	R 126.3
1970	0.7	32.1	25.2	10.4	6.3	52.0	0.4	7.5	101.8	R 0.1	1.1	NA	NA	NA	9.6	R 145.4	R 19.6	R 165.0
1980	2.8	23.8	27.6	9.4	7.1	50.9	0.7	5.8	101.5	R 0.1	3.3	NA	NA	NA	17.3	R 148.8	R 36.9	R 185.7
1990	3.9	25.2	34.4	13.5	5.9	47.2	0.4	6.7	108.2	0.0	2.2	0.5	0.2	(s)	21.6	162.3	R 30.1	R 192.4
2000	12.6	34.5	34.3	9.7	5.8	53.6	0.8	12.8	117.1	0.0	1.8	1.0	0.4	(s)	28.3	195.6	R 30.7	R 226.4
2005	4.6	39.3	39.6	8.1	5.6	53.3	0.4	13.2	120.2	0.0	1.5	24.4	0.8	(s)	33.5	224.4	R 58.9	R 283.4
2006	4.6	37.5	39.6	8.0	5.4	53.0	0.2	12.2	118.3	0.0	1.4	31.6	0.9	(s)	34.3	228.9	R 57.7	R 286.6
2007	4.6	49.8	44.3	8.9	5.0	53.1	0.2	8.1	119.5	0.0	1.5	33.6	0.9	(s)	36.2	246.6	R 62.2	R 308.8
2008	3.5	62.8	41.4	10.0	3.7	51.4	0.3	8.9	115.7	0.0	1.7	44.4	1.5	(s)	37.4	267.3	R 63.7	R 331.0
2009	2.3	65.4	41.8	10.1	4.0	54.8	0.1	7.9	118.7	0.0	2.1	51.3	1.6	(s)	37.6	278.9	R 51.6	R 330.6
2010	2.9	71.3	43.3	7.8	4.4	53.6	(s)	9.3	118.4	0.0	2.3	56.3	1.7	(s)	38.7	291.6	R 42.8	R 334.5
2011	3.1	72.4	46.0	6.9	3.7	53.7	0.2	6.2	116.8	0.0	2.6	55.1	2.0	(s)	39.9	291.9	R 27.1	R 319.0
2012	3.4	69.0	46.1	6.2	4.5	55.3	(s)	8.9	121.1	0.0	2.3	52.7	1.9	(s)	40.0	290.4	R 33.6	R 324.0
2013	3.4	80.3	45.7	7.5	4.1	54.4	(s)	5.7	117.5	0.0	2.8	54.8	1.9	(s)	41.7	302.4	R 44.7	R 347.0
2014	3.5	79.9	45.4	7.2	5.6	55.5	(s)	5.6	119.4	0.0	2.8	55.9	1.9	(s)	42.2	305.6	R 38.9	R 344.5
2015	3.3	76.9	45.8	6.3	5.3	57.6	(s)	5.8	120.8	0.0	3.0	59.6	1.9	(s)	41.3	306.8	R 37.5	R 344.3
2016	3.5	77.2	43.9	7.0	4.7	58.4	(s)	4.8	118.9	0.0	2.7	60.2	1.9	(s)	41.4	305.7	R 31.6	R 337.3
2017	3.7	79.3	43.2	6.7	4.7	57.7	0.1	5.8	R 118.2	0.0	2.7	62.8	1.9	(s)	42.0	310.5	R 34.0	R 344.5
2018	3.0	85.7	46.1	7.6	3.8	57.6	0.1	R 5.6	120.7	0.0	3.8	64.5	1.9	(s)	43.9	R 323.5	R 30.6	R 354.0
2019	3.7	87.5	46.2	9.0	4.1	55.9	0.1	R 6.2	R 121.4	0.0	3.3	63.8	1.9	(s)	43.9	325.5	R 25.6	R 351.1
2020	3.3	81.7	52.6	7.4	3.8	54.1	0.1	7.1	R 125.0	0.0	R 2.8	61.0	1.9	(s)	43.3	R 318.9	R 19.9	R 338.9
2021	3.6	84.7	R 45.6	7.4	4.0	59.3	0.1	7.7	R 124.2	0.0	R 3.0	68.3	1.9	(s)	44.5	R 330.2	R 18.0	R 348.2
2022	4.2	90.6	45.8	7.3	4.2	58.2	0.1	7.6	123.3	0.0	3.9	69.3	1.9	(s)	45.9	339.1	19.4	358.5

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b 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.
^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 hydroelectric pumped-storage, 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 Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^m 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.
ⁿ 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/>