

Table CT6. Industrial 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 ^{e,f} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j End use ^{f,k}	Electrical system energy losses ^l	Total ^{f,k}
			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 barrels					
1960	5	5	1,780	93	2,615	35	816	5,339	20	--	--	--	NA	258	--	--	--
1965	4	5	2,177	108	2,455	15	642	5,397	38	--	--	--	NA	246	--	--	--
1970	5	7	2,332	298	2,209	35	911	5,784	35	--	--	--	NA	281	--	--	--
1975	59	6	1,635	527	1,626	52	884	4,725	36	--	--	--	NA	994	--	--	--
1980	127	5	1,640	1,090	1,473	95	646	4,943	32	--	--	--	NA	1,322	--	--	--
1985	279	4	1,734	389	694	16	850	3,683	32	--	--	--	NA	1,019	--	--	--
1990	223	6	2,377	1,632	489	36	797	5,330	0	--	--	--	0	1,657	--	--	--
1995	393	7	2,202	652	534	11	847	4,246	0	--	--	--	0	1,722	--	--	--
2000	602	5	1,930	625	418	63	1,746	4,783	0	--	--	--	0	2,003	--	--	--
2005	277	11	1,804	773	791	62	1,836	5,266	0	--	--	--	0	1,840	--	--	--
2006	275	11	1,696	818	845	28	1,675	5,062	0	--	--	--	0	1,952	--	--	--
2007	272	21	2,108	830	557	22	1,054	4,570	0	--	--	--	0	2,161	--	--	--
2008	194	33	1,914	592	402	36	1,193	4,136	0	--	--	--	0	2,328	--	--	--
2009	124	37	1,946	715	420	19	1,062	4,163	0	--	--	--	0	2,260	--	--	--
2010	162	41	1,754	362	323	0	1,287	3,726	0	--	--	--	0	2,360	--	--	--
2011	188	41	2,270	299	327	38	822	3,755	0	--	--	--	0	2,586	--	--	--
2012	202	41	1,965	353	309	0	1,238	3,866	0	--	--	--	0	2,724	--	--	--
2013	206	45	2,213	527	316	1	757	3,815	0	--	--	--	0	2,724	--	--	--
2014	215	45	1,885	400	296	4	733	3,318	0	--	--	--	0	2,955	--	--	--
2015	197	45	1,926	418	283	5	752	3,383	0	--	--	--	0	2,782	--	--	--
2016	212	45	1,902	463	257	8	R 607	R 3,237	0	--	--	--	0	2,813	--	--	--
2017	224	46	1,800	404	259	9	R 778	R 3,250	0	--	--	--	0	2,938	--	--	--
2018	181	47	1,880	487	261	0	R 740	R 3,369	0	--	--	--	0	2,935	--	--	--
2019	218	46	1,847	561	250	0	R 834	R 3,492	0	--	--	--	0	2,924	--	--	--
2020	193	46	2,732	562	254	0	R 981	R 4,529	0	--	--	--	0	2,929	--	--	--
2021	220	49	1,852	629	258	3	R 982	R 3,724	0	--	--	--	0	3,206	--	--	--
2022	263	50	1,872	599	265	3	961	3,700	0	--	--	--	(s)	3,208	--	--	--
Trillion Btu																	
1960	0.1	5.3	10.4	0.4	13.7	0.2	5.3	30.0	R 0.1	0.3	NA	NA	NA	0.9	R 36.7	R 1.8	R 38.5
1965	0.1	4.7	12.7	0.4	12.9	0.1	4.2	30.3	R 0.1	0.3	NA	NA	NA	0.8	R 36.3	R 1.7	R 37.9
1970	0.1	6.8	13.6	1.1	11.6	0.2	6.0	32.5	R 0.1	0.5	NA	NA	NA	1.0	R 41.0	R 2.0	R 43.0
1975	1.1	5.8	9.5	1.9	8.5	0.3	5.9	26.1	R 0.1	0.8	NA	NA	NA	3.4	R 37.3	R 6.9	R 44.2
1980	2.4	4.7	9.6	3.8	7.7	0.6	4.3	26.0	R 0.1	0.7	NA	NA	NA	4.5	R 38.5	R 9.6	R 48.1
1985	4.8	3.6	10.1	1.3	3.6	0.1	5.6	20.8	R 0.1	0.9	0.0	NA	NA	3.5	R 33.7	R 7.1	R 40.8
1990	3.9	6.0	13.8	5.6	2.6	0.2	5.3	27.5	0.0	0.2	0.5	(s)	0.0	5.7	43.9	R 7.9	R 51.8
1995	6.8	7.4	12.8	2.3	2.8	0.1	5.6	23.5	0.0	0.3	0.8	(s)	0.0	5.9	44.7	R 5.5	R 50.3
2000	12.6	5.3	11.2	2.1	2.2	0.4	11.6	27.5	0.0	0.3	1.0	0.1	0.0	6.8	53.6	R 7.4	R 61.0
2005	4.6	11.3	10.5	2.7	4.1	0.4	12.2	29.8	0.0	0.2	24.4	(s)	0.0	6.3	76.6	R 11.1	R 87.7
2006	4.6	11.0	9.8	2.8	4.4	0.2	11.1	28.3	0.0	0.2	31.6	(s)	0.0	6.7	82.4	R 11.2	R 93.6
2007	4.6	21.3	12.2	2.8	2.9	0.1	7.0	25.0	0.0	0.2	33.6	0.1	0.0	7.4	92.2	R 12.7	R 104.8
2008	3.3	33.1	11.1	2.0	2.1	0.2	7.9	23.2	0.0	0.2	44.4	0.3	0.0	7.9	112.4	R 13.5	R 125.9
2009	2.1	36.9	11.2	2.4	2.1	0.1	7.0	22.9	0.0	0.2	51.3	0.2	0.0	7.7	121.4	R 10.6	R 132.0
2010	2.7	41.5	10.1	1.4	1.6	0.0	8.5	21.7	0.0	0.3	56.3	0.3	0.0	8.1	130.8	R 8.9	R 139.7
2011	3.1	41.5	13.1	1.1	1.7	0.2	5.4	21.6	0.0	0.7	55.1	0.3	0.0	8.8	131.0	R 6.0	R 137.0
2012	3.4	42.0	11.3	1.4	1.6	0.0	8.2	22.4	0.0	0.6	52.7	0.3	0.0	9.3	130.7	R 7.8	R 138.5
2013	3.4	46.3	12.8	2.0	1.6	(s)	5.0	21.4	0.0	0.7	54.8	0.3	0.0	9.3	136.2	R 10.0	R 146.2
2014	3.5	46.9	10.9	1.5	1.5	(s)	4.8	18.8	0.0	0.7	55.9	0.3	0.0	10.1	136.1	R 9.3	R 145.4
2015	3.3	47.3	11.1	1.6	1.4	(s)	5.0	19.1	0.0	0.7	59.6	0.3	0.0	9.5	139.8	R 8.6	R 148.4
2016	3.5	47.1	10.9	1.8	1.3	(s)	4.0	18.1	0.0	0.7	60.2	0.3	0.0	9.6	139.5	R 7.3	R 146.8
2017	3.7	48.2	10.4	1.6	1.3	0.1	5.1	R 18.4	0.0	0.8	62.8	0.3	0.0	10.0	R 144.2	R 8.1	R 152.3
2018	3.0	50.1	10.8	1.9	1.3	0.0	R 4.9	R 18.9	0.0	0.9	64.5	0.3	0.0	10.0	R 147.7	R 7.0	R 154.7
2019	3.7	49.9	10.6	2.2	1.3	0.0	5.5	R 19.6	0.0	0.9	63.8	0.3	0.0	10.0	148.0	R 5.8	R 153.8
2020	3.3	49.1	15.7	2.2	1.3	0.0	R 6.5	25.6	0.0	1.2	61.0	0.3	0.0	10.0	150.4	R 4.6	R 155.0
2021	3.6	52.6	10.7	2.4	1.3	(s)	R 6.5	20.9	0.0	1.7	68.3	0.3	0.0	10.9	158.3	R 4.4	R 162.8
2022	4.2	54.0	10.8	2.3	1.3	(s)	6.3	20.8	0.0	1.7	69.3	0.3	(s)	10.9	161.2	4.6	165.8

^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 hydroelectric pumped-storage, 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 Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^k 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 industrial utility-scale facilities.

^l 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>