Table CT1. Energy Consumption Estimates for Selected Energy Sources in Physical Units, Selected Years, 1960-2019, North Dakota

			Petroleum										
	Coal	Natural Gas [a]	Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Motor Gasoline [e]	Residual Fuel Oil	Other [f]	Total	Nuclear Electric Power	Hydro-electric Power [g]	Fuel Ethanol [h]	Biodiesel
Year	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels	
1960	2,100	26	3,773	1,212	2,103	7,719	687	3,089	18,583	0	1,060	NA	NA
1965	1,719	32	5,170	1,154	2,069	8,212	868	2,054	19,526	0	2,497	NA	NA
1970	4,186	33	4,975	1,719	2,074	8,766	728	2,879	21,141	0	2,815	NA	NA
1971	5,049	34	4,923	1,709	2,225	9,182	654	3,166	21,859	0	3,235	NA	NA
1972	5,434	36	5,206	1,832	2,044	9,575	777	2,673	22,107	0	3,095	NA	NA
1973	5,272	32	4,750	1,607	1,857	9,993	899	3,009	22,115	0	2,382	NA	NA
1974	5,696	35	4,421	1,584	1,941	9,630	1,174	2,769	21,519	0	2,729	NA	NA
1975	5,100	37	4,446	1,580	1,855	10,044	1,089	2,463	21,477	0	3,345	NA	NA
1976	6,924	41	4,079	1,663	1,800	10,411	1,033	2,484	21,471	0	3,272	NA	NA
1977	8,073	38	4,097	1,594	1,905	10,430	955	2,271	21,252	0	1,994	NA	NA
1978	9,706	39	4,229	1,962	1,837	10,782	906	2,608	22,324	0	3,034	NA	NA
1979	11,099	29	8,323	1,711	1,824	9,795	910	2,307	24,871	0	2,736	NA	NA
1980	12,346	23	8,139	1,302	1,702	9,167	716	2,057	23,083	0	2,513	NA	NA
1981	13,018	34	7,689	1,451	1,629	9,523	1,119	1,657	23,069	0	2,250	31	NA
1982	14,977	28	7,248	1,446	1,583	9,340	1,129	1,672	22,418	0	2,553	15	NA
1983	16,190	26	6,867	1,455	1,495	9,017	1,508	2,204	22,546	0	2,377	10	NA
1984	19,656	30	7,743	477	1,707	8,867	1,006	2,143	21,944	0	2,362	12	NA
1985	22,958	28	7,637	549	1,682	8,822	505	2,051	21,246	0	2,173	69	NA
1986	23,587	25	7,548	1,730	1,646	8,580	377	1,947	21,827	0	2,326	142	NA
1987	24,101	25	7,172	1,773	1,254	8,837	355	2,066	21,458	0	1,982	153	NA
1988	28,029	29	6,943	1,606	1,315	8,588	349	2,300	21,101	0	1,884	108	NA
1989	27,401	30	7,550	1,747	1,336	8,398	294	2,297	21,622	0	1,893	110	NA
1990	28,114	32	7,219	1,426	1,178	8,151	326	2,168	20,468	0	1,711	85	NA
1991	28,597	40	7,377	2,025	964	8,255	304	1,965	20,891	0	1,757	127	NA
1992	30,301	37	6,926	1,771	1,405	8,233	287	2,840	21,463	0	1,699	148	NA
1993	30,302	40	7,363	1,369	1,254	8,482	394	2,253	21,114	0	1,415	147	NA
1994	30,363	43	7,736	1,316	846	8,387	338	2,631	21,254	0	1,856	174	NA
1995	30,237	45	8,005	1,754	333	8,650	164	2,141	21,047	0	2,457	164	NA
1996	30,511	49	8,334	2,226	246	8,683	135	2,391	22,015	0	3,151	122	NA
1997	29,360	56	8,034	2,534	189	8,628	187	2,698	22,270	0	3,320	119	NA
1998	31,060	50	7,181	1,976	211	8,681	44	2,751	20,844	0	2,296	116	NA
1999	31,276	56	7,548	2,675	405	8,711	61	3,451	22,850	0	2,609	123	NA
2000	31,902	57	7,805	3,354	413	8,512	78	2,375	22,538	0	2,123	149	NA
2001	31,524	61	8,869	5,426	751	8,478	69	2,839	26,432	0	1,332	179	4
2002	31,984	67	8,202	3,406	528	8,554	101	2,540	23,331	0	1,593	228	6
2003	31,970	61	8,548	2,775	558	8,675	143	2,173	22,871	0	1,724	273	5
2004	30,079	60	9,405	3,311	1,093	8,603	63	2,491	24,966	0	1,546	243	10
2005	32,044	53	9,798	3,370	646	8,716	256	2,909	25,695	0	1,342	530	35
2006	31,073	53	9,966	2,766	735	8,455	105	3,406	25,433	0	1,521	512	102
2007	31,340	59	11,934	3,023	710	8,648	94	2,098	26,507	0	1,305	626	138
2008	31,376	63	11,885	2,847	613	8,703	92	1,923	26,064	0	1,253	755	118
2009	31,183	55	9,668	2,950	687	8,915	61	2,302	24,583	0	1,475	800	125
2010	29,861	66	12,968	2,549	R 375	9,244	40	2,518	R 27,694	0	2,042	981	101
2011	28,592	72	18,193	2,524	R 394	9,753	59	3,144	R 34,068	0	2,580	974	345
2012	29,423	73	20,842	2,373	R 418	10,319	22	2,900	R 36,874	0	2,477	1,041	388
2013	28,510	82	23,178	3,337	R 478	10,731	2	3,537	R 41,264	0	1,852	1,093	688
2014	28,816	87	25,552	3,104	R 562	11,194	2	3,485	R 43,900	0	2,531	1,136	689
2015	29,477	98	18,618	2,789	R 577	11,177	1	3,113	R 36,276	0	2,094	1,165	444
2016	28,370	102	14,696	2,666	R 559	10,564	0	R 2,757	R 31,242	0	1,912	1,095	519
2017	28,804	109	17,686	3,030	R 533	10,425	0	R 3,048	R 34,721	0	2,582	1,085	529
2018	29,760	R 126	18,886	2,870	R 494	10,437	0	R 2,908	R 35,594	0	3,180	1,077	501
2019	27,192	136	18,109	3,915	541	10,485	0	2,712	35,762	0	3,179	1,102	383

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[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 pumped-storage hydroelectricity, which cannot be separately identified.
[h] Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Notes: 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

(Trillion Btu)

Year	Fossil Fuels										*Fossil Fuels (as commingled)*		
			Petroleum										
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biodiesel [a]	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Distillate Fuel Oil including Biodiesel* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	30.5	27.4	22.0	4.6	11.3	40.5	4.3	18.9	101.6	159.5	*27.4*	*22.0*	*40.5*
1965	24.7	32.4	30.1	4.4	11.1	43.1	5.5	12.7	106.9	164.1	*32.4*	*30.1*	*43.1*
1970	57.5	33.7	29.0	6.6	11.2	46.0	4.6	18.0	115.4	206.6	*33.7*	*29.0*	*46.0*
1971	67.7	34.6	28.7	6.5	12.0	48.2	4.1	19.9	119.5	221.8	*34.6*	*28.7*	*48.2*
1972	72.8	37.6	30.3	7.0	11.0	50.3	4.9	16.7	120.2	230.6	*37.6*	*30.3*	*50.3*
1973	71.1	33.2	27.7	6.1	10.0	52.5	5.7	18.9	120.9	225.2	*33.2*	*27.7*	*52.5*
1974	76.5	35.5	25.7	6.0	10.5	50.6	7.4	17.4	117.6	229.6	*35.5*	*25.7*	*50.6*
1975	67.9	36.9	25.9	6.0	10.0	52.8	6.8	15.4	116.9	221.7	*36.9*	*25.9*	*52.8*
1976	91.5	41.2	23.8	6.3	9.7	54.7	6.5	15.5	116.5	249.2	*41.2*	*23.8*	*54.7*
1977	107.3	37.6	23.9	6.0	10.3	54.8	6.0	14.1	115.1	260.1	*37.6*	*23.9*	*54.8*
1978	129.8	39.1	24.6	7.4	9.9	56.6	5.7	16.3	120.6	289.4	*39.1*	*24.6*	*56.6*
1979	148.1	29.2	48.5	6.3	9.9	51.5	5.7	14.4	136.2	313.5	*29.2*	*48.5*	*51.5*
1980	163.3	23.8	47.4	4.8	9.2	48.2	4.5	12.8	126.8	314.0	*24.0*	*47.4*	*48.2*
1981	172.4	35.5	44.8	5.4	8.8	50.0	7.0	10.5	126.6	334.4	*35.9*	*44.8*	*50.0*
1982	198.9	29.0	42.2	5.2	8.5	49.1	7.1	10.6	122.8	350.7	*29.1*	*42.2*	*49.1*
1983	213.4	27.3	40.0	5.3	8.1	47.4	9.5	14.0	124.2	364.9	*27.3*	*40.0*	*47.4*
1984	256.7	22.9	45.1	1.7	9.2	46.6	6.3	13.6	122.5	402.0	*31.6*	*45.1*	*46.6*
1985	302.0	25.6	44.5	2.0	9.1	46.3	3.2	13.1	118.2	445.7	*29.8*	*44.5*	*46.3*
1986	310.9	21.4	44.0	6.3	8.9	45.1	2.4	12.4	119.0	451.2	*26.6*	*44.0*	*45.1*
1987	319.3	20.6	41.8	6.5	6.8	46.4	2.2	13.1	116.7	456.7	*26.0*	*41.8*	*46.4*
1988	369.8	25.0	40.4	5.9	7.1	45.1	2.2	14.5	115.2	510.0	*30.2*	*40.4*	*45.1*
1989	363.8	25.9	44.0	6.5	7.2	44.1	1.8	14.4	118.0	507.8	*31.6*	*44.0*	*44.1*
1990	374.5	28.0	42.1	5.2	6.4	42.8	2.1	13.5	112.1	514.6	*33.5*	*42.1*	*42.8*
1991	378.9	36.1	43.0	7.4	5.2	43.4	1.9	12.3	113.2	528.3	*41.6*	*43.0*	*43.4*
1992	399.2	32.1	40.3	6.6	7.6	43.3	1.8	18.0	117.6	548.9	*38.3*	*40.3*	*43.3*
1993	399.9	36.3	42.9	5.1	6.8	43.7	2.5	14.1	115.1	551.3	*42.4*	*42.9*	*44.3*
1994	402.5	39.3	45.0	4.9	4.6	43.1	2.1	16.6	116.4	558.1	*45.4*	*45.0*	*43.7*
1995	399.8	41.7	46.6	6.4	1.9	44.4	1.0	13.3	113.7	555.1	*47.7*	*46.6*	*45.0*
1996	404.0	45.7	48.5	8.1	1.4	44.8	0.9	14.9	118.6	568.2	*51.6*	*48.5*	*45.2*
1997	386.0	53.7	46.8	9.4	1.1	44.5	1.2	17.0	119.9	559.6	*59.3*	*46.8*	*44.9*
1998	409.2	45.8	41.8	7.3	1.2	44.8	0.3	17.4	112.8	567.8	*51.4*	*41.8*	*45.2*
1999	411.3	53.4	43.9	9.9	2.3	44.9	0.4	22.0	123.4	588.1	*59.0*	*43.9*	*45.3*
2000	424.6	53.4	45.4	12.3	2.3	43.8	0.5	15.0	119.3	597.3	*58.5*	*45.4*	*44.3*
2001	420.0	57.3	51.6	19.6	4.3	43.5	0.4	17.8	137.2	614.5	*62.6*	*51.6*	*44.1*
2002	422.8	61.6	47.7	12.6	3.0	43.7	0.6	15.9	123.5	607.9	*66.9*	*47.7*	*44.5*
2003	420.8	56.1	49.7	10.4	3.2	44.1	0.9	13.4	121.7	598.6	*61.5*	*49.7*	*45.1*
2004	398.4	56.4	54.7	12.2	6.2	43.9	0.4	15.7	133.0	587.8	*61.2*	*54.7*	*44.7*
2005	431.1	49.6	57.0	12.5	3.7	43.4	1.6	18.4	136.5	617.3	*55.0*	*57.0*	*45.3*
2006	414.8	50.0	57.8	10.2	4.2	42.1	0.7	21.6	136.5	601.4	*55.7*	*57.8*	*43.8*
2007	420.7	56.8	69.0	11.1	4.0	42.3	0.6	13.0	140.0	617.5	*62.2*	*69.0*	*44.5*
2008	424.6	60.5	68.7	10.6	3.5	41.8	0.6	11.9	137.1	622.2	*65.7*	*68.7*	*44.4*
2009	423.3	51.9	55.2	10.9	3.9	42.6	0.4	14.5	127.4	602.6	*57.6*	*55.8*	*45.4*
2010	409.7	64.3	74.3	9.8	R 2.1	43.4	0.3	15.8	R 145.8	R 619.7	*70.0*	*74.9*	*46.8*
2011	394.8	72.2	103.1	9.7	R 2.2	46.0	0.4	19.9	R 181.3	R 648.3	*77.8*	*105.0*	*49.4*
2012	406.3	71.9	118.1	9.1	R 2.4	48.6	0.1	18.2	R 196.5	R 674.7	*77.5*	*120.2*	*52.2*
2013	393.2	82.3	129.9	12.8	R 2.7	50.5	(s)	22.4	R 218.4	R 693.9	*87.2*	*133.6*	*54.3*
2014	399.2	89.1	143.6	11.9	R 3.2	52.7	(s)	22.1	R 233.5	R 721.7	*94.4*	*147.3*	*56.6*
2015	408.1	100.9	104.9	10.7	R 3.3	52.5	(s)	R 19.5	R 190.8	R 699.8	*106.1*	*107.3*	*56.5*
2016	394.6	105.6	81.8	10.2	R 3.2	49.6	0.0	17.5	R 162.3	R 662.5	*110.8*	*84.6*	*53.4*
2017	397.9	112.1	99.0	11.6	R 3.0	48.9	0.0	19.4	R 181.9	R 691.9	*118.2*	*101.8*	*52.7*
2018	407.3	R 130.1	106.1	11.0	R 2.8	49.0	0.0	R 18.5	R 187.4	R 724.7	R *136.4*	*108.8*	*52.7*
2019	372.0	144.4	102.2	15.0	3.1	49.1	0.0	17.1	186.6	703.0	*150.0*	*104.3*	*53.0*

[a] Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[c] 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."

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: 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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity [k]	Electricity Net Imports [l]	Total [f]
		Hydro-electric Power [e,f]	Biomass					Geo-thermal [f]	Solar [f,j]	Wind	Total [f]			
			Wood and Waste [f,g]	Fuel Ethanol [h]	Biodiesel	Losses and Co-products [i]	Total [f]							
1960	0.0	11.4	0.5	NA	NA	NA	0.5	0.0	NA	NA	11.9	-12.0	0.0	159.4
1965	0.0	26.1	0.3	NA	NA	NA	0.3	0.0	NA	NA	26.4	-21.1	(s)	169.4
1970	0.0	29.5	0.4	NA	NA	NA	0.4	0.0	NA	NA	29.9	-46.4	1.0	191.1
1971	0.0	33.9	0.4	NA	NA	NA	0.4	0.0	NA	NA	34.3	-63.1	2.3	195.3
1972	0.0	32.1	0.4	NA	NA	NA	0.4	0.0	NA	NA	32.5	-62.2	2.9	203.7
1973	0.0	24.7	0.4	NA	NA	NA	0.4	0.0	NA	NA	25.1	-51.5	3.4	202.2
1974	0.0	28.5	0.4	NA	NA	NA	0.4	0.0	NA	NA	28.9	-58.8	4.6	204.4
1975	0.0	34.8	0.5	NA	NA	NA	0.5	0.0	NA	NA	35.3	-54.4	4.0	206.5
1976	0.0	33.9	0.5	NA	NA	NA	0.5	0.0	NA	NA	34.4	-74.7	1.5	210.4
1977	0.0	20.8	0.5	NA	NA	NA	0.5	0.0	NA	NA	21.3	-69.6	-1.5	210.4
1978	0.0	31.4	0.5	NA	NA	NA	0.5	0.0	NA	NA	32.0	-98.8	7.4	230.0
1979	0.0	28.3	0.6	NA	NA	NA	0.6	0.0	NA	NA	28.9	-115.6	11.2	238.0
1980	0.0	26.1	2.4	NA	NA	NA	2.4	0.0	NA	NA	28.6	-129.9	9.7	222.4
1981	0.0	23.5	2.2	0.1	NA	0.1	2.5	0.0	NA	NA	26.0	-134.5	10.3	236.2
1982	0.0	26.7	2.6	0.1	NA	0.5	3.2	0.0	NA	NA	29.9	-161.6	15.7	234.7
1983	0.0	25.0	2.4	(s)	NA	0.9	3.4	0.0	NA	0.0	28.4	-182.1	19.3	230.5
1984	0.0	24.7	3.0	(s)	NA	1.1	4.2	0.0	0.0	0.0	28.8	-187.5	16.2	259.6
1985	0.0	22.7	3.1	0.2	NA	1.2	4.5	0.0	0.0	(s)	27.2	-181.5	9.0	300.4
1986	0.0	24.3	3.0	0.5	NA	1.2	4.7	0.0	0.0	(s)	29.0	-179.7	3.3	303.9
1987	0.0	20.7	2.5	0.5	NA	1.3	4.4	0.0	0.0	(s)	25.1	-183.5	4.7	302.9
1988	0.0	19.4	2.7	0.4	NA	1.3	4.4	0.0	0.0	0.0	23.9	-228.7	1.3	306.6
1989	0.0	19.7	2.8	0.4	NA	1.2	4.4	0.1	(s)	0.0	24.2	-213.1	0.2	319.1
1990	0.0	17.8	1.9	0.3	NA	1.0	3.3	0.1	(s)	0.0	21.2	-222.9	0.1	312.9
1991	0.0	18.3	2.0	0.4	NA	1.2	3.7	0.1	(s)	0.0	22.1	-228.1	0.6	322.9
1992	0.0	17.6	2.1	0.5	NA	1.1	3.7	0.1	(s)	0.0	21.4	-243.5	2.3	329.1
1993	0.0	14.6	1.8	0.5	NA	1.2	3.5	0.1	(s)	0.0	18.3	-241.0	3.6	332.1
1994	0.0	19.2	2.3	0.6	NA	1.3	4.2	0.1	(s)	0.0	23.5	-242.9	3.3	342.0
1995	0.0	25.3	2.6	0.6	NA	1.3	4.4	0.1	(s)	0.0	29.9	-237.3	2.5	350.2
1996	0.0	32.6	2.4	0.4	NA	0.5	3.4	0.2	(s)	0.0	36.1	-254.1	3.0	353.2
1997	0.0	33.9	2.3	0.4	NA	0.9	3.6	0.2	(s)	0.0	37.7	-237.9	0.4	359.7
1998	0.0	23.4	2.2	0.4	NA	1.1	3.7	0.2	(s)	0.0	27.3	-246.6	-0.7	347.8
1999	0.0	26.7	2.3	0.4	NA	1.0	3.8	0.2	(s)	0.0	30.7	-242.7	-0.5	375.6
2000	0.0	21.7	2.5	0.5	NA	1.2	4.3	0.2	(s)	0.0	26.2	-244.1	2.2	381.6
2001	0.0	13.8	3.5	0.6	(s)	1.3	5.5	0.3	(s)	0.0	19.5	-228.6	1.9	407.4
2002	0.0	16.2	2.6	0.8	(s)	1.8	5.3	0.3	(s)	0.0	21.8	-229.1	0.6	401.2
2003	0.0	17.5	2.7	0.9	(s)	2.1	5.8	0.4	(s)	0.6	24.2	-220.6	-1.4	400.8
2004	0.0	15.5	3.3	0.8	0.1	1.9	6.1	0.4	(s)	2.1	24.1	-207.8	0.4	404.5
2005	0.0	13.4	2.9	1.8	0.2	1.8	6.8	0.5	(s)	2.2	22.8	-236.8	5.8	409.1
2006	0.0	15.1	2.4	1.8	0.5	1.8	6.5	0.5	(s)	3.7	25.8	-213.7	2.6	416.0
2007	0.0	12.9	2.0	2.2	0.7	7.8	12.7	0.6	(s)	6.1	32.4	-216.5	4.5	438.0
2008	0.0	12.3	1.9	2.6	0.6	8.6	13.8	0.7	(s)	16.7	43.5	-224.1	2.8	444.4
2009	0.0	14.4	2.0	2.8	0.7	14.4	19.8	0.8	(s)	29.3	64.3	-234.3	2.5	435.1
2010	0.0	19.9	2.1	3.4	0.5	R 17.1	R 23.2	0.9	(s)	40.0	R 84.0	-236.1	3.8	R 471.4
2011	0.0	25.1	2.9	3.4	1.9	R 17.7	R 25.8	1.0	(s)	50.9	R 102.7	-232.7	4.4	R 522.7
2012	0.0	23.6	2.4	3.6	2.1	R 16.6	R 24.8	1.0	(s)	50.2	R 99.5	-231.5	4.6	R 547.3
2013	0.0	17.7	2.8	3.8	3.7	R 16.5	R 26.8	1.0	(s)	52.7	R 98.1	-209.2	6.3	R 589.1
2014	0.0	24.1	2.9	3.9	3.7	R 16.5	R 27.0	1.0	(s)	59.0	R 111.0	-199.7	5.8	R 638.9
2015	0.0	19.5	2.8	4.0	2.4	R 19.0	R 28.3	1.0	(s)	60.6	R 109.4	-210.6	6.8	R 605.4
2016	0.0	17.7	2.9	3.8	2.8	R 21.6	R 31.1	1.0	(s)	75.4	R 125.2	R -213.5	7.0	R 581.3
2017	0.0	23.8	R 2.7	3.8	2.8	R 26.5	R 35.8	1.0	(s)	104.7	R 165.2	-233.0	7.3	R 631.4
2018	0.0	29.0	R 1.9	3.8	2.7	R 26.4	R 34.7	1.0	(s)	97.7	R 162.4	-230.6	3.5	R 659.9
2019	0.0	28.3	1.9	3.8	2.1	24.2	34.2	1.0	(s)	99.9	163.3	-199.7	1.2	667.9

[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, 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] Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

[i] Losses and co-products from the production of biodiesel and fuel ethanol.

[j] Solar thermal and photovoltaic energy.

[k] Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

[l] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: 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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity Retail Sales	Net Energy [h,l]	Electrical System Energy Losses [m]	Total [h,l]
			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]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	1,086	26	3,769	1,212	2,103	7,719	672	3,089	18,563	0	– –	– –	– –	– –	1,153	– –	– –	– –
1970	666	32	4,968	1,719	2,074	8,766	702	2,879	21,109	0	– –	– –	– –	– –	2,815	– –	– –	– –
1980	728	23	8,071	1,302	1,702	9,167	716	2,057	23,015	0	– –	– –	– –	– –	5,177	– –	– –	– –
1990	6,535	32	7,162	1,426	1,178	8,151	326	2,168	20,411	0	– –	– –	– –	– –	7,014	– –	– –	– –
2000	6,853	57	7,709	3,354	413	8,512	78	2,375	22,443	0	– –	– –	– –	– –	9,413	– –	– –	– –
2001	6,729	61	8,805	5,426	751	8,478	69	2,839	26,368	0	– –	– –	– –	– –	9,810	– –	– –	– –
2002	6,737	67	8,137	3,406	528	8,554	98	2,540	23,263	0	– –	– –	– –	– –	10,219	– –	– –	– –
2003	6,797	61	8,452	2,775	558	8,675	143	2,173	22,776	0	– –	– –	– –	– –	10,461	– –	– –	– –
2004	6,164	60	9,331	3,311	1,093	8,603	63	2,491	24,893	0	– –	– –	– –	– –	10,516	– –	– –	– –
2005	6,727	53	9,728	3,370	646	8,716	256	2,909	25,625	0	– –	– –	– –	– –	10,840	– –	– –	– –
2006	6,775	53	9,887	2,766	735	8,455	105	3,406	25,355	0	– –	– –	– –	– –	11,245	– –	– –	– –
2007	6,702	59	11,838	3,023	710	8,648	94	2,098	26,411	0	– –	– –	– –	– –	11,906	– –	– –	– –
2008	6,482	63	11,804	2,847	613	8,703	92	1,923	25,983	0	– –	– –	– –	– –	12,416	– –	– –	– –
2009	6,590	55	9,587	2,950	687	8,915	61	2,302	24,503	0	– –	– –	– –	– –	12,649	– –	– –	– –
2010	6,748	66	12,900	2,549	R 375	9,244	40	2,518	R 27,626	0	– –	– –	– –	– –	12,956	– –	– –	– –
2011	6,536	72	18,112	2,524	R 394	9,753	59	3,144	R 33,987	0	– –	– –	– –	– –	13,737	– –	– –	– –
2012	6,628	73	20,777	2,373	R 418	10,319	22	2,900	R 36,810	0	– –	– –	– –	– –	14,717	– –	– –	– –
2013	6,221	81	23,114	3,337	R 478	10,731	2	3,537	R 41,200	0	– –	– –	– –	– –	16,033	– –	– –	– –
2014	6,527	85	25,500	3,104	R 562	11,194	2	3,485	R 43,848	0	– –	– –	– –	– –	18,240	– –	– –	– –
2015	6,691	91	18,569	2,789	R 577	11,177	1	3,113	R 36,227	0	– –	– –	– –	– –	18,129	– –	– –	– –
2016	6,563	91	14,637	2,666	R 559	10,564	0	R 2,757	R 31,183	0	– –	– –	– –	– –	18,520	– –	– –	– –
2017	6,593	102	17,616	3,030	R 533	10,425	0	R 3,048	R 34,651	0	– –	– –	– –	– –	20,140	– –	– –	– –
2018	6,658	R 116	18,811	2,870	R 494	10,437	0	R 2,908	R 35,520	0	– –	– –	– –	– –	20,670	– –	– –	– –
2019	5,863	122	18,041	3,915	541	10,485	0	2,712	35,694	0	– –	– –	– –	– –	21,559	– –	– –	– –
			Trillion Btu															
1960	16.5	27.2	22.0	4.6	11.3	40.5	4.2	18.9	101.5	0.0	0.5	NA	NA	NA	3.9	149.7	9.7	159.4
1970	9.4	33.4	28.9	6.6	11.2	46.0	4.4	18.0	115.2	0.0	0.4	NA	NA	NA	9.6	167.9	23.2	191.1
1980	9.6	24.0	47.0	4.8	9.2	48.2	4.5	12.8	126.4	0.0	2.4	NA	NA	NA	17.7	179.9	42.4	222.4
1990	88.2	33.5	41.7	5.2	6.4	42.8	2.1	13.5	111.7	0.0	1.9	1.0	0.1	(s)	23.9	255.3	57.7	312.9
2000	97.5	58.5	44.9	12.3	2.3	44.3	0.5	15.0	119.3	0.0	2.5	1.2	0.2	(s)	32.1	306.3	75.2	381.6
2001	95.6	62.6	51.2	19.6	4.3	44.1	0.4	17.8	137.4	0.0	3.5	1.3	0.3	(s)	33.5	329.0	78.4	407.4
2002	94.5	66.9	47.4	12.6	3.0	44.5	0.6	15.9	123.9	0.0	2.6	1.8	0.3	(s)	34.9	319.7	81.5	401.2
2003	97.6	61.5	49.2	10.4	3.2	45.1	0.9	13.4	122.1	0.0	2.7	2.1	0.4	(s)	35.7	316.7	84.1	400.8
2004	89.1	61.2	54.3	12.2	6.2	44.7	0.4	15.7	133.4	0.0	3.3	1.9	0.4	(s)	35.9	320.5	84.0	404.5
2005	97.0	55.0	56.6	12.5	3.7	45.3	1.6	18.4	138.0	0.0	2.9	1.8	0.5	(s)	37.0	327.0	82.1	409.1
2006	97.2	55.7	57.4	10.2	4.2	43.8	0.7	21.6	137.9	0.0	2.4	1.8	0.5	(s)	38.4	328.7	87.3	416.0
2007	96.2	62.2	68.5	11.1	4.0	44.5	0.6	13.0	141.6	0.0	2.0	7.8	0.6	(s)	40.6	346.4	91.6	438.0
2008	93.5	65.7	68.2	10.6	3.5	44.4	0.6	11.9	139.2	0.0	1.9	8.6	0.7	(s)	42.4	347.4	97.0	444.4
2009	95.5	57.6	55.4	10.9	3.9	45.4	0.4	14.5	130.4	0.0	2.0	14.4	0.8	(s)	43.2	338.1	96.9	435.1
2010	97.4	70.0	74.5	9.8	R 2.1	46.8	0.3	15.8	R 149.3	0.0	2.1	R 17.1	0.9	(s)	44.2	R 375.3	96.1	R 471.4
2011	94.3	77.8	104.5	9.7	R 2.2	49.4	0.4	19.9	R 186.1	0.0	2.9	R 17.7	1.0	(s)	46.9	R 421.0	101.7	R 522.7
2012	95.3	77.5	119.8	9.1	R 2.4	52.2	0.1	18.2	R 201.9	0.0	2.4	R 16.6	1.0	(s)	50.2	R 439.3	108.0	R 547.3
2013	89.6	86.8	133.2	12.8	R 2.7	54.3	(s)	22.4	R 225.5	0.0	2.8	R 16.5	1.0	(s)	54.7	R 472.1	117.0	R 589.1
2014	94.6	92.3	147.0	11.9	R 3.2	56.6	(s)	22.1	R 240.8	0.0	2.9	R 16.5	1.0	(s)	62.2	R 505.1	133.8	R 638.9
2015	96.9	99.1	107.0	10.7	R 3.3	56.5	(s)	R 19.5	R 197.0	0.0	2.8	R 19.0	1.0	(s)	61.9	R 473.0	132.5	R 605.4
2016	95.0	99.0	84.3	10.2	R 3.2	53.4	0.0	17.5	R 168.6	0.0	2.9	R 21.6	1.0	(s)	63.2	R 447.0	R 134.3	R 581.3
2017	95.5	110.7	101.4	11.6	R 3.0	52.7	0.0	19.4	R 188.1	0.0	R 2.7	R 26.5	1.0	(s)	68.7	R 487.8	143.7	R 631.4
2018	96.1	R 125.9	108.3	11.0	R 2.8	52.7	0.0	R 18.5	R 193.4	0.0	R 1.9	R 26.4	1.0	(s)	70.5	R 509.7	150.2	R 659.9
2019	84.8	134.2	103.9	15.0	3.1	53.0	0.0	17.1	192.1	0.0	1.9	24.2	1.0	(s)	73.6	509.4	158.6	667.9

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[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 pumped-storage hydroelectricity, 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] 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 net energy 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.
[m] 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 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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity Retail Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	HGL [c]	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Wood [d]			Million Kilowatthours			
1960	328	4	874	774	860	2,508	– –	– –	– –	728	– –	– –	– –
1965	177	7	1,269	746	40	2,055	– –	– –	– –	911	– –	– –	– –
1970	80	8	1,103	1,261	190	2,555	– –	– –	– –	1,399	– –	– –	– –
1975	46	10	776	1,161	21	1,958	– –	– –	– –	1,901	– –	– –	– –
1980	30	10	1,173	502	5	1,681	– –	– –	– –	2,456	– –	– –	– –
1985	43	10	1,162	166	14	1,342	– –	– –	– –	3,012	– –	– –	– –
1990	27	9	981	642	5	1,628	– –	– –	– –	2,954	– –	– –	– –
1995	14	11	717	762	4	1,482	– –	– –	– –	3,384	– –	– –	– –
2000	15	11	564	1,727	3	2,294	– –	– –	– –	3,390	– –	– –	– –
2001	15	11	492	1,973	4	2,469	– –	– –	– –	3,480	– –	– –	– –
2002	17	12	424	1,770	2	2,197	– –	– –	– –	3,664	– –	– –	– –
2003	22	12	517	1,820	3	2,340	– –	– –	– –	3,707	– –	– –	– –
2004	25	11	582	1,801	5	2,387	– –	– –	– –	3,663	– –	– –	– –
2005	21	11	460	1,825	7	2,292	– –	– –	– –	3,796	– –	– –	– –
2006	9	10	462	1,386	3	1,851	– –	– –	– –	3,853	– –	– –	– –
2007	26	11	470	1,408	2	1,880	– –	– –	– –	4,067	– –	– –	– –
2008	0	12	670	1,652	1	2,323	– –	– –	– –	4,259	– –	– –	– –
2009	0	12	319	1,583	3	1,905	– –	– –	– –	4,449	– –	– –	– –
2010	0	11	255	1,508	3	1,767	– –	– –	– –	4,393	– –	– –	– –
2011	0	11	193	1,655	2	1,850	– –	– –	– –	4,552	– –	– –	– –
2012	0	10	140	1,336	1	1,476	– –	– –	– –	4,485	– –	– –	– –
2013	0	12	171	1,494	1	1,666	– –	– –	– –	5,039	– –	– –	– –
2014	0	13	155	1,676	1	1,832	– –	– –	– –	5,358	– –	– –	– –
2015	0	11	129	1,422	1	1,552	– –	– –	– –	4,863	– –	– –	– –
2016	0	10	132	1,352	3	1,487	– –	– –	– –	4,741	– –	– –	– –
2017	0	11	137	1,352	1	1,489	– –	– –	– –	4,848	– –	– –	– –
2018	0	13	129	1,656	1	1,786	– –	– –	– –	5,133	– –	– –	– –
2019	0	13	142	2,139	1	2,283	– –	– –	– –	5,125	– –	– –	– –
							Trillion Btu						
1960	5.1	4.0	5.1	3.0	4.9	12.9	0.5	NA	NA	2.5	24.9	6.1	31.1
1965	2.7	6.6	7.4	2.9	0.2	10.5	0.3	NA	NA	3.1	23.2	7.4	30.7
1970	1.2	8.4	6.4	4.8	1.1	12.3	0.4	NA	NA	4.8	27.1	11.6	38.7
1975	0.6	10.2	4.5	4.5	0.1	9.1	0.4	NA	NA	6.5	26.9	15.6	42.4
1980	0.4	10.1	6.8	1.9	(s)	8.8	2.4	NA	NA	8.4	30.0	20.1	50.1
1985	0.6	11.0	6.8	0.6	0.1	7.5	3.1	NA	NA	10.3	30.4	23.5	54.0
1990	0.4	9.5	5.7	2.5	(s)	8.2	1.7	0.1	(s)	10.1	27.8	24.3	52.1
1995	0.2	11.8	4.2	2.9	(s)	7.1	1.5	0.1	(s)	11.5	29.9	26.9	56.9
2000	0.2	11.3	3.3	6.6	(s)	9.9	1.2	0.1	(s)	11.6	32.8	27.1	59.9
2001	0.2	10.9	2.9	7.6	(s)	10.5	1.1	0.1	(s)	11.9	33.3	27.8	61.1
2002	0.3	11.8	2.5	6.8	(s)	9.3	1.1	0.1	(s)	12.5	33.6	29.2	62.9
2003	0.4	12.0	3.0	7.0	(s)	10.0	1.2	0.2	(s)	12.6	34.7	29.8	64.5
2004	0.4	11.4	3.4	6.9	(s)	10.3	1.2	0.2	(s)	12.5	34.6	29.3	63.9
2005	0.4	11.1	2.7	7.0	(s)	9.7	0.4	0.2	(s)	13.0	33.0	28.8	61.7
2006	0.2	10.1	2.7	5.3	(s)	8.0	0.3	0.3	(s)	13.1	30.3	29.9	60.3
2007	0.4	11.2	2.7	5.4	(s)	8.1	0.4	0.3	(s)	13.9	32.8	31.3	64.1
2008	0.0	12.0	3.9	6.3	(s)	10.2	0.4	0.4	(s)	14.5	36.1	33.3	69.4
2009	0.0	12.2	1.8	6.1	(s)	7.9	0.5	0.5	(s)	15.2	34.5	34.1	68.6
2010	0.0	11.1	1.5	5.8	(s)	7.3	0.5	0.5	(s)	15.0	33.0	32.6	65.6
2011	0.0	11.7	1.1	6.4	(s)	7.5	0.5	0.5	(s)	15.5	34.5	33.7	68.2
2012	0.0	10.2	0.8	5.1	(s)	5.9	0.4	0.5	(s)	15.3	31.2	32.9	64.2
2013	0.0	12.9	1.0	5.7	(s)	6.7	0.5	0.5	(s)	17.2	36.8	36.8	73.6
2014	0.0	13.6	0.9	6.4	(s)	7.3	0.5	0.5	(s)	18.3	39.1	39.3	78.4
2015	0.0	11.5	0.7	5.5	(s)	6.2	0.5	0.5	(s)	16.6	34.4	35.5	69.9
2016	0.0	10.9	0.8	5.2	(s)	6.0	0.6	0.5	(s)	16.2	33.4	R 34.4	67.8
2017	0.0	11.9	0.8	5.2	(s)	6.0	0.6	0.5	(s)	16.5	34.5	34.6	69.1
2018	0.0	13.7	0.7	6.4	(s)	7.1	0.6	0.5	(s)	17.5	38.3	37.3	75.6
2019	0.0	14.5	0.8	8.2	(s)	9.0	0.6	0.5	(s)	17.5	41.2	37.7	78.9

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Includes supplemental gaseous fuels that are commingled with natural gas.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] Wood and wood-derived fuels.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[f] Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
[g] 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 net energy and total.
[h] 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: 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity Retail Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	HGL [b]	Kerosene	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours				
1960	228	3	198	152	0	32	73	455	NA	– –	– –	NA	304	– –	– –	– –
1965	133	5	288	146	0	179	209	822	NA	– –	– –	NA	443	– –	– –	– –
1970	63	8	250	247	0	151	104	752	NA	– –	– –	NA	696	– –	– –	– –
1975	107	12	176	228	0	95	493	992	NA	– –	– –	NA	805	– –	– –	– –
1980	113	11	642	99	0	73	400	1,214	NA	– –	– –	NA	1,145	– –	– –	– –
1985	154	10	502	33	(s)	69	64	668	NA	– –	– –	NA	2,026	– –	– –	– –
1990	108	10	175	126	(s)	70	22	394	0	– –	– –	0	2,300	– –	– –	– –
1995	96	12	148	149	1	10	19	328	0	– –	– –	0	2,728	– –	– –	– –
2000	119	11	232	339	1	10	12	594	0	– –	– –	0	2,992	– –	– –	– –
2001	119	10	262	387	2	10	36	698	0	– –	– –	0	3,577	– –	– –	– –
2002	128	12	142	347	1	10	94	594	0	– –	– –	0	3,920	– –	– –	– –
2003	147	11	183	211	1	19	100	515	0	– –	– –	0	3,800	– –	– –	– –
2004	226	10	180	191	2	10	18	402	0	– –	– –	0	3,843	– –	– –	– –
2005	239	10	141	343	3	10	46	543	0	– –	– –	0	3,994	– –	– –	– –
2006	94	9	149	329	3	20	10	513	0	– –	– –	0	4,127	– –	– –	– –
2007	236	10	160	365	1	17	26	570	0	– –	– –	0	4,215	– –	– –	– –
2008	104	11	229	488	1	17	12	746	0	– –	– –	0	4,460	– –	– –	– –
2009	97	11	198	418	1	19	1	637	0	– –	– –	0	4,558	– –	– –	– –
2010	90	10	421	276	2	20	2	721	0	– –	– –	0	4,714	– –	– –	– –
2011	89	11	1,058	403	1	13	20	1,494	0	– –	– –	(s)	4,866	– –	– –	– –
2012	73	10	899	463	(s)	20	15	1,398	0	– –	– –	(s)	5,109	– –	– –	– –
2013	88	13	1,125	834	1	21	2	1,983	0	– –	– –	(s)	5,685	– –	– –	– –
2014	74	14	1,208	525	1	19	2	1,754	0	– –	– –	(s)	5,403	– –	– –	– –
2015	72	12	306	597	1	97	1	1,001	0	– –	– –	(s)	6,279	– –	– –	– –
2016	58	12	218	621	1	99	0	938	0	– –	– –	(s)	6,346	– –	– –	– –
2017	54	13	326	627	(s)	101	0	1,055	0	– –	– –	(s)	6,530	– –	– –	– –
2018	58	14	315	352	(s)	102	0	770	0	– –	– –	(s)	6,836	– –	– –	– –
2019	53	15	232	565	(s)	103	0	900	0	– –	– –	(s)	7,035	– –	– –	– –
			Trillion Btu													
1960	3.5	2.9	1.2	0.6	0.0	0.2	0.5	2.4	NA	(s)	NA	NA	1.0	9.9	2.6	12.5
1965	2.1	5.0	1.7	0.6	0.0	0.9	1.3	4.5	NA	(s)	NA	NA	1.5	13.0	3.6	16.6
1970	0.9	8.6	1.5	1.0	0.0	0.8	0.7	3.9	NA	(s)	NA	NA	2.4	15.7	5.7	21.5
1975	1.5	12.4	1.0	0.9	0.0	0.5	3.1	5.5	NA	(s)	NA	NA	2.7	22.2	6.6	28.7
1980	1.5	11.6	3.7	0.4	0.0	0.4	2.5	7.0	NA	0.1	NA	NA	3.9	24.0	9.4	33.4
1985	2.0	10.7	2.9	0.1	(s)	0.4	0.4	3.8	NA	0.1	NA	NA	6.9	21.7	15.8	37.5
1990	1.5	10.6	1.0	0.5	(s)	0.4	0.1	2.0	0.0	0.2	(s)	0.0	7.8	19.8	18.9	38.7
1995	1.5	12.2	0.9	0.6	(s)	0.1	0.1	1.6	0.0	0.2	0.1	0.0	9.3	22.5	21.7	44.2
2000	1.7	11.4	1.3	1.3	(s)	0.1	0.1	2.8	0.0	0.2	0.1	0.0	10.2	24.9	23.9	48.8
2001	1.9	10.8	1.5	1.5	(s)	0.1	0.2	3.3	0.0	0.2	0.1	0.0	12.2	27.1	28.6	55.7
2002	2.1	11.7	0.8	1.3	(s)	0.1	0.6	2.8	0.0	0.2	0.1	0.0	13.4	28.8	31.3	60.1
2003	2.4	11.1	1.1	0.8	(s)	0.1	0.6	2.6	0.0	0.2	0.2	0.0	13.0	27.9	30.6	58.4
2004	3.8	10.7	1.0	0.7	(s)	0.1	0.1	2.0	0.0	0.2	0.2	0.0	13.1	28.7	30.7	59.4
2005	4.3	10.3	0.8	1.3	(s)	0.1	0.3	2.5	0.0	0.1	0.2	0.0	13.6	29.4	30.3	59.7
2006	1.7	9.8	0.9	1.3	(s)	0.1	0.1	2.3	0.0	0.1	0.3	0.0	14.1	26.6	32.0	58.6
2007	3.8	10.8	0.9	1.4	(s)	0.1	0.2	2.6	0.0	0.1	0.3	0.0	14.4	30.4	32.4	62.8
2008	1.8	11.6	1.3	1.9	(s)	0.1	0.1	3.4	0.0	0.1	0.3	0.0	15.2	31.0	34.8	65.8
2009	1.7	11.6	1.1	1.6	(s)	0.1	(s)	2.9	0.0	0.1	0.3	0.0	15.6	30.5	34.9	65.4
2010	1.6	10.9	2.4	1.1	(s)	0.1	(s)	3.6	0.0	0.1	0.4	0.0	16.1	31.3	35.0	66.2
2011	1.5	11.8	6.1	1.5	(s)	0.1	0.1	7.8	0.0	0.1	0.5	(s)	16.6	37.1	36.0	73.1
2012	1.3	11.0	5.2	1.8	(s)	0.1	0.1	7.2	0.0	0.1	0.4	(s)	17.4	36.2	37.5	73.6
2013	1.5	14.1	6.5	3.2	(s)	0.1	(s)	9.8	0.0	0.1	0.4	(s)	19.4	44.2	41.5	85.6
2014	1.3	15.2	7.0	2.0	(s)	0.1	(s)	9.1	0.0	0.1	0.4	(s)	18.4	43.2	39.6	82.8
2015	1.2	13.4	1.8	2.3	(s)	0.5	(s)	4.6	0.0	0.1	0.4	(s)	21.4	40.1	45.9	85.9
2016	1.0	12.8	1.3	2.4	(s)	0.5	0.0	4.1	0.0	0.1	0.4	(s)	21.7	39.2	46.0	R 85.3
2017	0.9	14.0	1.9	2.4	(s)	0.5	0.0	4.8	0.0	0.1	0.4	(s)	22.3	41.3	46.6	87.9
2018	1.0	15.6	1.8	1.4	(s)	0.5	0.0	3.7	0.0	0.1	0.4	(s)	23.3	42.9	49.7	92.6
2019	0.9	17.1	1.3	2.2	(s)	0.5	0.0	4.0	0.0	0.1	0.4	(s)	24.0	45.5	51.7	97.2

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[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 small amounts of petroleum coke not shown separately.
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, 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] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[i] 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 net energy 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 commercial utility-scale facilities.
[j] 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: Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. · 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity Retail Sales	Net Energy [f,j]	Electrical System Energy Losses [k]	Total [f,j]
			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 Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
1960	521	20	2,104	257	2,927	530	2,005	7,823	0	– –	– –	– –	NA	121	– –	– –	– –
1965	444	21	2,696	240	2,533	632	1,702	7,804	0	– –	– –	– –	NA	241	– –	– –	– –
1970	523	16	2,174	206	2,315	558	2,456	7,710	0	– –	– –	– –	NA	720	– –	– –	– –
1975	570	14	1,613	189	2,193	577	2,219	6,792	0	– –	– –	– –	NA	1,007	– –	– –	– –
1980	585	2	2,460	690	1,540	315	1,836	6,842	0	– –	– –	– –	NA	1,576	– –	– –	– –
1985	5,407	7	2,890	340	1,080	440	1,896	6,646	0	– –	– –	– –	NA	1,988	– –	– –	– –
1990	6,400	11	3,016	644	799	304	1,979	6,742	0	– –	– –	– –	0	1,760	– –	– –	– –
1995	7,447	18	3,027	830	685	145	1,923	6,610	0	– –	– –	– –	0	1,771	– –	– –	– –
2000	6,719	24	2,756	1,283	443	66	2,179	6,726	0	– –	– –	– –	0	3,031	– –	– –	– –
2001	6,595	26	3,420	3,057	527	33	2,602	9,639	0	– –	– –	– –	0	2,753	– –	– –	– –
2002	6,592	29	2,839	1,279	550	4	2,335	7,007	0	– –	– –	– –	0	2,636	– –	– –	– –
2003	6,628	24	2,881	719	573	43	1,967	6,183	0	– –	– –	– –	0	2,954	– –	– –	– –
2004	5,913	24	3,532	1,286	717	45	2,287	7,867	0	– –	– –	– –	0	3,010	– –	– –	– –
2005	6,467	19	3,747	1,180	626	210	2,700	8,463	0	– –	– –	– –	0	3,050	– –	– –	– –
2006	6,671	21	3,787	1,031	676	95	3,227	8,815	0	– –	– –	– –	0	3,266	– –	– –	– –
2007	6,440	25	3,871	1,230	577	68	1,924	7,670	0	– –	– –	– –	0	3,624	– –	– –	– –
2008	6,379	29	5,018	674	445	80	1,758	7,976	0	– –	– –	– –	0	3,697	– –	– –	– –
2009	6,493	23	3,942	894	457	60	2,152	7,506	0	– –	– –	– –	0	3,641	– –	– –	– –
2010	6,657	32	6,091	761	296	38	2,362	9,548	0	– –	– –	– –	0	3,850	– –	– –	– –
2011	6,447	37	8,660	462	314	39	2,967	R 12,441	0	– –	– –	– –	0	4,319	– –	– –	– –
2012	6,555	37	9,609	572	280	7	2,735	13,203	0	– –	– –	– –	0	5,124	– –	– –	– –
2013	6,133	41	11,118	1,006	297	0	3,365	15,786	0	– –	– –	– –	0	5,309	– –	– –	– –
2014	6,452	43	12,363	900	259	1	3,277	R 16,801	0	– –	– –	– –	0	7,479	– –	– –	– –
2015	6,619	54	7,875	767	402	1	2,913	R 11,957	0	– –	– –	– –	0	6,988	– –	– –	– –
2016	6,505	55	5,656	691	368	0	R 2,585	R 9,301	0	– –	– –	– –	0	7,433	– –	– –	– –
2017	6,540	60	7,638	1,050	370	0	R 2,881	R 11,939	0	– –	– –	– –	0	8,762	– –	– –	– –
2018	6,599	69	7,992	859	363	0	R 2,737	R 11,951	0	– –	– –	– –	0	8,700	– –	– –	– –
2019	5,810	76	7,677	1,205	354	0	2,546	11,782	0	– –	– –	– –	0	9,399	– –	– –	– –
			Trillion Btu														
1960	7.7	20.3	12.3	1.0	15.4	3.3	12.7	44.7	0.0	0.0	NA	NA	NA	0.4	73.1	1.0	74.2
1965	6.5	20.9	15.7	0.9	13.3	4.0	10.7	44.6	0.0	0.0	NA	NA	NA	0.8	72.8	2.0	74.8
1970	7.2	16.3	12.7	0.8	12.2	3.5	15.6	44.7	0.0	0.0	NA	NA	NA	2.5	70.7	5.9	76.7
1975	7.4	14.0	9.4	0.7	11.5	3.6	14.0	39.2	0.0	0.0	NA	NA	NA	3.4	64.1	8.2	72.3
1980	7.7	2.1	14.3	2.4	8.1	2.0	11.5	38.3	0.0	0.0	NA	NA	NA	5.4	53.5	12.9	66.4
1985	71.2	7.3	16.8	1.2	5.7	2.8	12.2	38.6	0.0	0.0	1.2	NA	NA	6.8	124.7	15.5	140.2
1990	86.3	11.7	17.6	2.2	4.2	1.9	12.4	38.3	0.0	0.1	1.0	0.0	0.0	6.0	142.4	14.5	156.9
1995	99.4	18.7	17.6	2.9	3.6	0.9	12.1	37.1	0.0	0.9	1.3	0.0	0.0	6.0	162.1	14.1	176.2
2000	95.6	24.7	16.0	4.4	2.3	0.4	13.8	37.0	0.0	1.2	1.2	0.0	0.0	10.3	168.0	24.2	192.3
2001	93.5	26.9	19.9	10.5	2.7	0.2	16.5	49.8	0.0	2.2	1.3	0.0	0.0	9.4	180.7	22.0	202.7
2002	92.2	29.1	16.5	4.4	2.9	(s)	14.7	38.5	0.0	1.3	1.8	0.0	0.0	9.0	169.6	21.0	190.6
2003	94.8	24.1	16.8	2.5	3.0	0.3	12.2	34.7	0.0	1.3	2.1	0.0	0.0	10.1	165.1	23.8	188.8
2004	84.8	24.8	20.6	4.4	3.7	0.3	14.5	43.5	0.0	1.9	1.9	0.0	0.0	10.3	165.0	24.0	189.0
2005	92.3	19.8	21.8	4.0	3.3	1.3	17.2	47.6	0.0	2.5	1.8	0.0	0.0	10.4	172.5	23.1	195.7
2006	95.4	22.2	22.0	3.5	3.5	0.6	20.6	50.2	0.0	2.0	1.8	0.0	0.0	11.1	180.3	25.4	205.7
2007	92.0	26.3	22.4	4.2	3.0	0.4	12.0	41.9	0.0	1.6	7.8	0.0	0.0	12.4	179.5	27.9	207.4
2008	91.7	30.2	29.0	2.3	2.3	0.5	10.9	45.0	0.0	1.5	8.6	0.0	0.0	12.6	187.1	28.9	216.0
2009	93.9	24.5	22.8	3.0	2.3	0.4	13.6	42.0	0.0	1.5	14.4	0.0	0.0	12.4	186.3	27.9	214.2
2010	95.8	33.6	35.2	2.9	1.5	0.2	14.9	54.7	0.0	1.6	R 17.1	0.0	0.0	13.1	R 212.9	28.6	R 241.4
2011	92.7	39.7	50.0	1.8	1.6	0.2	18.9	72.4	0.0	2.4	R 17.7	0.0	0.0	14.7	R 236.5	32.0	R 268.5
2012	94.1	39.6	55.4	2.2	1.4	(s)	17.2	76.3	0.0	2.0	R 16.6	0.0	0.0	17.5	R 242.8	37.6	R 280.4
2013	88.1	43.8	64.1	3.9	1.5	0.0	21.4	90.9	0.0	2.2	R 16.5	0.0	0.0	18.1	R 257.1	38.7	R 295.9
2014	93.3	46.7	71.2	3.5	1.3	(s)	20.9	96.9	0.0	2.3	R 16.5	0.0	0.0	25.5	R 278.6	54.9	R 333.5
2015	95.7	58.7	45.4	2.9	2.0	(s)	18.3	68.6	0.0	2.2	R 19.0	0.0	0.0	23.8	R 265.4	51.1	R 316.4
2016	94.0	59.5	32.6	2.7	1.9	0.0	16.5	R 53.6	0.0	2.2	R 21.6	0.0	0.0	25.4	R 253.8	R 53.9	R 307.7
2017	94.6	64.5	44.0	4.0	1.9	0.0	18.4	68.3	0.0	R 2.0	R 26.5	0.0	0.0	29.9	R 282.6	62.5	R 345.1
2018	95.1	R 74.3	46.0	3.3	1.8	0.0	R 17.5	R 68.6	0.0	R 1.2	R 26.4	0.0	0.0	29.7	R 292.2	63.2	R 355.5
2019	83.9	83.5	44.2	4.6	1.8	0.0	16.2	66.8	0.0	1.2	24.2	0.0	0.0	32.1	291.3	69.1	360.5

[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 pumped-storage hydroelectricity, 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] 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 net energy 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.
[k] 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal	Natural Gas [a]	Petroleum								Electricity Retail Sales	Net Energy [f,g]	Electrical System Energy Losses [h]	Total [f,g]
			Aviation Gasoline	Distillate Fuel Oil [b]	HGL [c]	Jet Fuel [d]	Lubricants	Motor Gasoline [e]	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	9	(s)	66	592	29	2,103	158	4,760	69	7,778	0	– –	– –	– –
1965	1	(s)	165	916	22	2,069	147	5,499	25	8,843	0	– –	– –	– –
1970	1	(s)	95	1,441	3	2,074	138	6,300	41	10,092	0	– –	– –	– –
1975	(s)	(s)	85	1,880	2	1,855	137	7,756	0	11,715	0	– –	– –	– –
1980	0	(s)	64	3,795	12	1,702	151	7,553	0	13,278	0	– –	– –	– –
1985	0	1	4	3,009	11	1,682	138	7,673	0	12,517	0	– –	– –	– –
1990	0	2	28	2,990	14	1,178	155	7,282	0	11,647	0	– –	– –	– –
1995	0	5	65	4,014	13	333	148	7,955	0	12,528	0	– –	– –	– –
2000	0	11	34	4,158	5	413	158	8,060	0	12,829	0	– –	– –	– –
2001	0	14	86	4,632	8	751	145	7,941	0	13,562	0	– –	– –	– –
2002	0	14	58	4,733	10	528	143	7,993	0	13,465	0	– –	– –	– –
2003	0	14	70	4,870	25	558	132	8,083	0	13,738	0	– –	– –	– –
2004	0	14	64	5,037	33	1,093	134	7,875	0	14,237	0	– –	– –	– –
2005	0	13	66	5,380	23	646	133	8,080	0	14,327	0	– –	– –	– –
2006	0	13	43	5,489	19	735	130	7,759	0	14,176	0	– –	– –	– –
2007	0	13	37	7,338	19	710	134	8,054	0	16,291	0	– –	– –	– –
2008	0	11	38	5,887	33	613	125	8,241	0	14,938	0	– –	– –	– –
2009	0	9	34	5,128	54	687	112	8,439	0	14,455	0	– –	– –	– –
2010	0	14	43	6,133	4	R 375	108	8,928	0	R 15,590	0	– –	– –	– –
2011	0	14	48	8,201	4	R 394	128	9,427	0	R 18,201	0	– –	– –	– –
2012	0	16	25	10,130	2	R 418	139	10,019	0	R 20,733	0	– –	– –	– –
2013	0	15	21	10,700	3	R 478	150	10,412	0	R 21,764	0	– –	– –	– –
2014	0	15	42	11,774	3	R 562	163	10,916	0	R 23,461	0	– –	– –	– –
2015	0	14	40	10,260	R 3	R 577	158	10,678	0	R 21,717	0	– –	– –	– –
2016	0	14	39	8,631	R 3	R 559	129	10,097	0	R 19,457	0	– –	– –	– –
2017	0	19	41	9,516	1	R 533	125	9,954	0	R 20,169	0	– –	– –	– –
2018	0	21	47	10,376	R 2	R 494	123	9,971	0	R 21,014	0	– –	– –	– –
2019	0	17	48	9,991	5	541	116	10,028	0	20,729	0	– –	– –	– –
			Trillion Btu											
1960	0.1	(s)	0.3	3.5	0.1	11.3	1.0	25.0	0.4	41.6	0.0	41.7	0.0	41.7
1965	(s)	(s)	0.8	5.3	0.1	11.1	0.9	28.9	0.2	47.3	0.0	47.3	0.0	47.3
1970	(s)	(s)	0.5	8.4	(s)	11.2	0.8	33.1	0.3	54.2	0.0	54.3	0.0	54.3
1975	(s)	0.1	0.4	11.0	(s)	10.0	0.8	40.7	0.0	63.0	0.0	63.1	0.0	63.1
1980	0.0	0.2	0.3	22.1	(s)	9.2	0.9	39.7	0.0	72.3	0.0	72.5	0.0	72.5
1985	0.0	0.7	(s)	17.5	(s)	9.1	0.8	40.3	0.0	67.8	0.0	68.8	0.0	68.8
1990	0.0	1.8	0.1	17.4	0.1	6.4	0.9	38.3	0.0	63.2	0.0	65.3	0.0	65.3
1995	0.0	5.0	0.3	23.4	0.1	1.9	0.9	41.4	0.0	67.9	0.0	72.9	0.0	72.9
2000	0.0	11.0	0.2	24.2	(s)	2.3	1.0	41.9	0.0	69.6	0.0	80.6	0.0	80.6
2001	0.0	14.0	0.4	27.0	(s)	4.3	0.9	41.3	0.0	73.9	0.0	87.9	0.0	87.9
2002	0.0	14.3	0.3	27.5	(s)	3.0	0.9	41.6	0.0	73.3	0.0	87.7	0.0	87.7
2003	0.0	14.3	0.4	28.3	0.1	3.2	0.8	42.0	0.0	74.8	0.0	89.1	0.0	89.1
2004	0.0	14.4	0.3	29.3	0.1	6.2	0.8	40.9	0.0	77.7	0.0	92.2	0.0	92.2
2005	0.0	13.8	0.3	31.3	0.1	3.7	0.8	41.9	0.0	78.1	0.0	92.1	0.0	92.1
2006	0.0	13.6	0.2	31.9	0.1	4.2	0.8	40.2	0.0	77.3	0.0	91.5	0.0	91.5
2007	0.0	13.9	0.2	42.4	0.1	4.0	0.8	41.4	0.0	89.0	0.0	103.6	0.0	103.6
2008	0.0	12.0	0.2	34.0	0.1	3.5	0.8	42.1	0.0	80.7	0.0	93.3	0.0	93.3
2009	0.0	9.4	0.2	29.6	0.2	3.9	0.7	43.0	0.0	77.5	0.0	86.9	0.0	86.9
2010	0.0	14.5	0.2	35.4	(s)	R 2.1	0.7	45.2	0.0	R 83.7	0.0	R 98.2	0.0	R 98.2
2011	0.0	14.6	0.2	47.3	(s)	R 2.2	0.8	47.7	0.0	R 98.3	0.0	R 112.9	0.0	R 112.9
2012	0.0	16.6	0.1	58.4	(s)	R 2.4	0.8	50.7	0.0	R 112.5	0.0	R 129.1	0.0	R 129.1
2013	0.0	16.0	0.1	61.7	(s)	R 2.7	0.9	52.7	0.0	R 118.1	0.0	R 134.0	0.0	R 134.0
2014	0.0	16.8	0.2	67.9	(s)	R 3.2	1.0	55.2	0.0	R 127.5	0.0	R 144.2	0.0	R 144.2
2015	0.0	15.5	0.2	59.1	(s)	R 3.3	1.0	54.0	0.0	R 117.6	0.0	R 133.1	0.0	R 133.1
2016	0.0	15.7	0.2	49.7	(s)	R 3.2	0.8	51.0	0.0	R 104.9	0.0	R 120.5	0.0	R 120.5
2017	0.0	20.2	0.2	54.8	(s)	R 3.0	0.8	50.3	0.0	R 109.1	0.0	R 129.3	0.0	R 129.3
2018	0.0	22.3	0.2	59.8	(s)	R 2.8	0.7	50.4	0.0	R 113.9	0.0	R 136.2	0.0	R 136.2
2019	0.0	19.1	0.2	57.5	(s)	3.1	0.7	50.7	0.0	112.2	0.0	131.4	0.0	131.4

[a] Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.
[b] Beginning in 2009, includes biodiesel 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."
[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[f] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[g] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[h] 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2019, North Dakota

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity Net Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	1,014	(s)	4	0	15	20	0	1,060	– –	0	NA	NA	0	– –
1965	964	(s)	1	0	2	3	0	2,497	– –	0	NA	NA	-1	– –
1970	3,519	(s)	7	0	25	32	0	2,815	– –	0	NA	NA	293	– –
1975	4,377	(s)	2	0	18	20	0	3,345	– –	0	NA	NA	1,166	– –
1980	11,618	(s)	68	0	0	68	0	2,513	– –	0	NA	NA	2,850	– –
1985	17,354	(s)	74	0	0	74	0	2,173	– –	0	0	(s)	2,645	– –
1990	21,579	(s)	57	0	0	57	0	1,711	– –	0	0	0	20	– –
1995	22,680	(s)	99	0	0	99	0	2,457	– –	0	0	0	731	– –
2000	25,048	0	95	0	0	95	0	2,123	– –	0	0	0	647	– –
2001	24,795	(s)	64	0	0	64	0	1,332	– –	0	0	0	570	– –
2002	25,247	(s)	65	0	3	68	0	1,593	– –	0	0	0	175	– –
2003	25,173	(s)	95	0	0	95	0	1,724	– –	0	0	59	-414	– –
2004	23,915	(s)	74	0	0	74	0	1,546	– –	0	0	215	104	– –
2005	25,317	(s)	70	0	0	70	0	1,342	– –	0	0	220	1,702	– –
2006	24,298	(s)	78	0	0	78	0	1,521	– –	0	0	369	756	– –
2007	24,639	(s)	96	0	0	96	0	1,305	– –	0	0	621	1,332	– –
2008	24,893	(s)	81	0	0	81	0	1,253	– –	0	0	1,693	808	– –
2009	24,593	(s)	80	0	0	80	0	1,475	– –	0	0	2,998	740	– –
2010	23,113	(s)	69	0	0	69	0	2,042	– –	0	0	4,096	1,120	– –
2011	22,056	(s)	81	0	0	81	0	2,580	– –	0	0	5,236	1,292	– –
2012	22,795	(s)	64	0	0	64	0	2,477	– –	0	0	5,275	1,341	– –
2013	22,289	(s)	64	0	0	64	0	1,852	– –	0	0	5,519	1,833	– –
2014	22,289	2	52	0	0	52	0	2,531	– –	0	0	6,202	1,711	– –
2015	22,786	7	49	0	0	49	0	2,094	– –	0	0	6,506	1,982	– –
2016	21,807	11	59	0	0	59	0	1,912	– –	0	0	8,172	2,066	– –
2017	22,210	7	69	0	0	69	0	2,582	– –	0	0	11,359	2,135	– –
2018	23,102	10	74	0	0	74	0	3,180	– –	0	0	10,730	1,014	– –
2019	21,329	15	68	0	0	68	0	3,179	– –	0	0	11,213	360	– –
							Trillion Btu							
1960	14.0	0.1	(s)	0.0	0.1	0.1	0.0	11.4	0.0	0.0	NA	NA	0.0	25.7
1965	13.4	(s)	(s)	0.0	(s)	(s)	0.0	26.1	0.0	0.0	NA	NA	(s)	39.6
1970	48.1	0.4	(s)	0.0	0.2	0.2	0.0	29.5	0.0	0.0	NA	NA	1.0	79.2
1975	58.4	0.2	(s)	0.0	0.1	0.1	0.0	34.8	0.0	0.0	NA	NA	4.0	97.5
1980	153.8	(s)	0.4	0.0	0.0	0.4	0.0	26.1	0.0	0.0	NA	NA	9.7	190.0
1985	228.2	(s)	0.4	0.0	0.0	0.4	0.0	22.7	0.0	0.0	0.0	(s)	9.0	260.4
1990	286.3	(s)	0.3	0.0	0.0	0.3	0.0	17.8	0.0	0.0	0.0	0.0	0.1	304.5
1995	298.6	(s)	0.6	0.0	0.0	0.6	0.0	25.3	0.0	0.0	0.0	0.0	2.5	327.0
2000	327.1	0.0	0.6	0.0	0.0	0.6	0.0	21.7	0.0	0.0	0.0	0.0	2.2	351.5
2001	324.4	(s)	0.4	0.0	0.0	0.4	0.0	13.8	0.0	0.0	0.0	0.0	1.9	340.4
2002	328.3	(s)	0.4	0.0	(s)	0.4	0.0	16.2	0.0	0.0	0.0	0.0	0.6	345.5
2003	323.2	(s)	0.6	0.0	0.0	0.6	0.0	17.5	0.0	0.0	0.0	0.6	-1.4	340.4
2004	309.3	(s)	0.4	0.0	0.0	0.4	0.0	15.5	0.0	0.0	0.0	2.1	0.4	327.7
2005	334.1	(s)	0.4	0.0	0.0	0.4	0.0	13.4	0.0	0.0	0.0	2.2	5.8	355.9
2006	317.6	(s)	0.5	0.0	0.0	0.5	0.0	15.1	0.0	0.0	0.0	3.7	2.6	339.4
2007	324.5	(s)	0.6	0.0	0.0	0.6	0.0	12.9	0.0	0.0	0.0	6.1	4.5	348.7
2008	331.1	(s)	0.5	0.0	0.0	0.5	0.0	12.3	0.0	0.0	0.0	16.7	2.8	363.4
2009	327.7	(s)	0.5	0.0	0.0	0.5	0.0	14.4	0.0	0.0	0.0	29.3	2.5	374.4
2010	312.3	(s)	0.4	0.0	0.0	0.4	0.0	19.9	0.0	0.0	0.0	40.0	3.8	376.4
2011	300.5	(s)	0.5	0.0	0.0	0.5	0.0	25.1	0.0	0.0	0.0	50.9	4.4	381.3
2012	311.0	(s)	0.4	0.0	0.0	0.4	0.0	23.6	0.0	0.0	0.0	50.2	4.6	389.7
2013	303.6	0.4	0.4	0.0	0.0	0.4	0.0	17.7	0.0	0.0	0.0	52.7	6.3	380.9
2014	304.6	2.1	0.3	0.0	0.0	0.3	0.0	24.1	0.0	0.0	0.0	59.0	5.8	395.7
2015	311.2	7.0	0.3	0.0	0.0	0.3	0.0	19.5	0.0	0.0	0.0	60.6	6.8	404.9
2016	299.5	11.8	0.3	0.0	0.0	0.3	0.0	17.7	0.0	0.0	0.0	75.4	7.0	411.0
2017	302.4	7.5	0.4	0.0	0.0	0.4	0.0	23.8	0.0	0.0	0.0	104.7	7.3	445.4
2018	311.2	10.5	0.4	0.0	0.0	0.4	0.0	29.0	0.0	0.0	0.0	97.7	3.5	451.4
2019	287.2	15.8	0.4	0.0	0.0	0.4	0.0	28.3	0.0	0.0	0.0	99.9	1.2	431.8

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[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] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] 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 the total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. · The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · 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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.