Table CT4. Residential sector energy consumption estimates, selected years, 1960-2024, North Dakota

Year	Coal [a]	Natural gas [b]	Petroleum				Biomass	Geothermal [g]	Solar [g,h]	Electricity [i]	End use [g,j]	Electrical system energy losses [k]	Total [e,g,j]
			Distillate fuel oil [c]	HGL [d]	Kerosene	Total [e]							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood [f]			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	– –	– –	– –
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	– –	– –	– –
2020	0	12	150	1,196	2	1,347	– –	– –	– –	5,047	– –	– –	– –
2021	0	11	146	1,619	1	1,766	– –	– –	– –	4,888	– –	– –	– –
2022	0	14	164	1,633	1	1,798	– –	– –	– –	5,272	– –	– –	– –
2023	0	13	162	1,588	2	1,752	– –	– –	– –	5,067	– –	– –	– –
2024	0	12	142	1,458	2	1,601	– –	– –	– –	4,911	– –	– –	– –
			Trillion Btu										
1960	5.1	4.0	5.1	3.0	4.9	12.9	0.5	NA	NA	2.5	24.9	5.0	30.0
1965	2.7	6.6	7.4	2.9	0.2	10.5	0.3	NA	NA	3.1	23.2	6.1	29.4
1970	1.2	8.4	6.4	4.8	1.1	12.3	0.4	NA	NA	4.8	27.1	9.8	36.9
1975	0.6	10.2	4.5	4.5	0.1	9.1	0.4	NA	NA	6.5	26.9	13.2	40.1
1980	0.4	10.1	6.8	1.9	(s)	8.8	2.4	NA	NA	8.4	30.0	17.8	47.8
1985	0.6	11.0	6.8	0.6	0.1	7.5	3.1	NA	NA	10.3	30.4	20.9	51.3
1990	0.4	9.5	5.7	2.5	(s)	8.2	1.7	0.1	(s)	10.1	27.8	22.9	50.7
1995	0.2	11.8	4.2	2.9	(s)	7.1	1.5	0.1	(s)	11.5	29.9	25.0	54.9
2000	0.2	11.3	3.3	6.6	(s)	9.9	1.2	0.1	(s)	11.6	32.8	25.5	58.3
2005	0.4	11.1	2.7	7.0	(s)	9.7	0.4	0.2	(s)	13.0	33.0	27.6	60.5
2006	0.2	10.1	2.7	5.3	(s)	8.0	0.3	0.3	(s)	13.1	30.3	28.4	58.7
2007	0.4	11.2	2.7	5.4	(s)	8.1	0.4	0.3	(s)	13.9	32.8	29.7	62.5
2008	0.0	12.0	3.9	6.3	(s)	10.2	0.4	0.4	(s)	14.5	36.1	30.8	66.9
2009	0.0	12.2	1.8	6.1	(s)	7.9	0.5	0.5	(s)	15.2	34.5	30.4	64.8
2010	0.0	11.1	1.5	5.8	(s)	7.3	0.5	0.5	(s)	15.0	33.0	27.7	60.7
2011	0.0	11.7	1.1	6.4	(s)	7.5	0.5	0.5	(s)	15.5	34.5	27.3	61.9
2012	0.0	10.2	0.8	5.1	(s)	5.9	0.4	0.5	(s)	15.3	31.2	27.1	58.3
2013	0.0	12.9	1.0	5.7	(s)	6.7	0.5	0.5	(s)	17.2	36.8	30.4	67.2
2014	0.0	13.6	0.9	6.4	(s)	7.3	0.5	0.5	(s)	18.3	39.1	31.6	70.6
2015	0.0	11.5	0.7	5.5	(s)	6.2	0.5	0.5	(s)	16.6	34.4	29.0	63.4
2016	0.0	10.9	0.8	5.2	(s)	6.0	0.6	0.5	(s)	16.2	33.4	27.2	60.6
2017	0.0	11.9	0.8	5.2	(s)	6.0	0.6	0.5	(s)	16.5	34.5	25.3	59.8
2018	0.0	13.7	0.7	6.4	(s)	7.1	0.6	0.5	(s)	17.5	38.3	27.7	66.0
2019	0.0	14.5	0.8	8.2	(s)	9.0	0.6	0.5	(s)	17.5	41.2	27.6	68.8
2020	0.0	12.8	0.9	4.6	(s)	5.5	0.5	0.5	(s)	17.2	35.7	21.6	57.2
2021	0.0	11.9	0.8	6.2	(s)	7.1	0.5	0.5	(s)	16.7	36.0	23.8	59.8
2022	0.0	14.8	0.9	6.3	(s)	7.2	0.8	0.5	(s)	18.0	40.5	23.5	64.0
2023	0.0	13.7	0.9	6.1	(s)	7.0	0.4	0.5	(s)	17.3	38.4	25.6	64.0
2024	0.0	12.4	0.8	5.6	(s)	6.4	0.3	0.5	(s)	16.8	35.9	25.4	61.3

[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] Beginning in 2013, includes biodiesel blended into distillate fuel oil.
[d] Hydrocarbon gas liquids, assumed to be propane only.
[f] Wood and wood-derived fuels.
[e] Beginning in 2021, includes small amounts of other petroleum products (biofuels product supplied) not shown separately.
[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[h] Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
[i] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[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 End use and Total.
[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.
– – = 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.
Data source: U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/