

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2020, Minnesota

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass Wood ^d	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				Million Kilowatthours			
										Thousand Barrels			
1960	557	61	5,414	3,192	1,748	10,354	--	--	4,186	--	--	--	
1965	352	86	6,309	4,152	1,556	12,017	--	--	6,063	--	--	--	
1970	320	102	7,197	6,563	1,195	14,955	--	--	9,031	--	--	--	
1975	70	114	7,242	6,203	558	14,004	--	--	10,189	--	--	--	
1980	30	103	5,946	3,008	114	9,069	--	--	11,749	--	--	--	
1985	48	107	3,973	2,465	137	6,574	--	--	13,261	--	--	--	
1990	36	107	3,743	3,012	30	6,786	--	--	14,858	--	--	--	
1995	34	129	3,085	4,567	50	7,702	--	--	16,974	--	--	--	
2000	1	130	2,294	5,583	33	7,910	--	--	18,629	--	--	--	
2005	6	129	1,956	5,197	27	7,181	--	--	21,743	--	--	--	
2006	8	117	1,541	4,894	18	6,454	--	--	21,909	--	--	--	
2007	6	129	1,544	5,111	11	6,666	--	--	22,646	--	--	--	
2008	0	139	1,711	5,307	8	7,026	--	--	22,357	--	--	--	
2009	0	133	1,018	5,377	18	6,413	--	--	22,034	--	--	--	
2010	0	123	1,169	5,058	20	6,247	--	--	22,465	--	--	--	
2011	0	125	987	5,075	13	6,075	--	--	22,524	--	--	--	
2012	0	109	821	4,408	5	5,234	--	--	22,060	--	--	--	
2013	0	140	966	5,136	9	6,111	--	--	22,850	--	--	--	
2014	0	147	896	6,113	12	7,021	--	--	22,791	--	--	--	
2015	0	118	770	5,317	8	6,095	--	--	21,714	--	--	--	
2016	0	118	791	5,280	13	6,084	--	--	21,804	--	--	--	
2017	0	124	628	6,497	9	7,134	--	--	21,574	--	--	--	
2018	0	141	689	7,314	9	8,013	--	--	22,837	--	--	--	
2019	0	145	560	8,051	14	8,625	--	--	22,288	--	--	--	
2020	0	130	500	7,324	14	7,839	--	--	22,936	--	--	--	

Trillion Btu													
Year	Coal	Natural Gas	Distillate Fuel Oil	HGL	Kerosene	Total Petroleum	Biomass	Geothermal	Solar	Electricity	Net Energy	Electrical System Energy Losses	Total
1960	12.2	63.6	31.5	12.3	9.9	53.7	17.6	NA	NA	14.3	161.4	35.3	196.7
1965	7.7	86.3	36.7	15.9	8.8	61.5	13.6	NA	NA	20.7	189.8	49.4	239.2
1970	6.8	102.0	41.9	25.2	6.8	73.9	11.2	NA	NA	30.8	224.6	74.5	299.2
1975	1.3	114.7	42.2	23.8	3.2	69.2	11.3	NA	NA	34.8	231.2	83.4	314.6
1980	0.6	103.1	34.6	11.6	0.6	46.8	14.9	NA	NA	40.1	205.5	96.3	301.8
1985	0.9	107.1	23.1	9.5	0.8	33.4	19.1	NA	NA	45.2	205.8	103.6	309.4
1990	0.6	107.4	21.8	11.6	0.2	33.5	11.2	0.1	0.3	50.7	204.0	123.2	327.2
1995	0.7	130.4	18.0	17.5	0.3	35.8	10.0	0.2	0.4	57.9	235.2	125.6	360.8
2000	(s)	131.7	13.3	21.4	0.2	35.0	7.9	0.2	0.3	63.6	238.7	129.7	368.4
2005	0.1	130.2	11.4	20.0	0.2	31.5	10.7	0.4	0.1	74.2	247.2	161.3	408.4
2006	0.1	119.1	8.9	18.8	0.1	27.8	9.5	0.5	0.1	74.8	232.0	159.3	391.2
2007	0.1	131.4	8.9	19.6	0.1	28.6	10.5	0.6	0.1	77.3	248.6	165.2	413.8
2008	0.0	142.8	9.9	20.4	(s)	30.3	11.7	0.7	0.2	76.3	262.0	158.5	420.5
2009	0.0	137.3	5.9	20.7	0.1	26.6	14.0	0.9	0.2	75.2	254.3	152.9	407.1
2010	0.0	124.2	6.7	19.4	0.1	26.3	15.0	1.0	0.2	76.6	243.4	156.8	400.3
2011	0.0	126.4	5.7	19.5	0.1	25.3	14.6	1.0	0.2	76.9	244.3	154.4	398.7
2012	0.0	111.2	4.7	16.9	(s)	21.7	12.2	1.1	0.2	75.3	221.6	151.3	372.9
2013	0.0	143.1	5.6	19.7	0.1	25.3	15.9	1.1	0.3	78.0	263.6	152.8	416.4
2014	0.0	151.4	5.2	23.5	0.1	28.7	16.1	1.1	0.3	77.8	275.3	156.3	431.6
2015	0.0	122.1	4.4	20.4	(s)	24.9	17.6	1.1	0.3	74.1	240.1	139.9	379.9
2016	0.0	121.7	4.6	20.3	0.1	24.9	14.7	1.1	0.4	74.4	237.2	138.5	375.7
2017	0.0	127.7	3.6	25.0	0.1	28.6	13.9	1.1	0.5	73.6	245.4	140.4	385.8
2018	0.0	147.9	4.0	28.1	0.1	32.1	18.9	1.1	0.6	77.9	278.5	153.5	432.0
2019	0.0	151.8	3.2	30.9	0.1	34.2	21.0	1.1	0.7	76.0	284.9	133.4	418.3
2020	0.0	136.8	2.9	28.1	0.1	31.1	15.7	1.1	0.9	78.3	263.8	147.3	411.1

^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.