Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, Montana

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity [i]	End use [f,j]	Electrical system energy losses [k]	Total [f,j]
			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	12	12	297	107	466	135	2	1,007	NA	– –	– –	NA	688	– –	– –	– –
1965	10	14	315	135	227	144	1	822	NA	– –	– –	NA	925	– –	– –	– –
1970	5	19	283	188	94	220	1	786	NA	– –	– –	NA	1,187	– –	– –	– –
1975	7	19	668	206	54	174	2	1,105	NA	– –	– –	NA	1,645	– –	– –	– –
1980	11	14	346	175	0	92	7	620	NA	– –	– –	NA	2,094	– –	– –	– –
1985	6	15	772	128	(s)	72	126	1,098	NA	– –	– –	NA	4,245	– –	– –	– –
1990	46	12	154	172	(s)	84	11	421	0	– –	– –	(s)	3,237	– –	– –	– –
1995	9	13	102	100	(s)	13	3	218	0	– –	– –	(s)	3,411	– –	– –	– –
2000	3	14	143	195	(s)	14	1	353	0	– –	– –	(s)	4,104	– –	– –	– –
2005	133	13	163	414	7	15	0	600	0	– –	– –	(s)	4,473	– –	– –	– –
2006	127	13	215	344	(s)	16	0	574	0	– –	– –	(s)	4,686	– –	– –	– –
2007	2	13	175	316	(s)	15	0	506	0	– –	– –	1	4,828	– –	– –	– –
2008	11	14	229	428	1	17	0	675	0	– –	– –	1	4,826	– –	– –	– –
2009	10	24	145	183	0	15	32	376	0	– –	– –	1	4,791	– –	– –	– –
2010	7	20	105	291	(s)	15	1	412	0	– –	– –	1	4,789	– –	– –	– –
2011	9	22	123	303	(s)	15	4	445	0	– –	– –	1	4,892	– –	– –	– –
2012	5	19	106	375	(s)	14	(s)	496	0	– –	– –	2	4,918	– –	– –	– –
2013	2	21	104	309	(s)	15	1	430	0	– –	– –	2	4,890	– –	– –	– –
2014	1	22	85	395	(s)	14	3	497	0	– –	– –	2	4,903	– –	– –	– –
2015	2	20	53	387	(s)	148	0	588	0	– –	– –	3	4,894	– –	– –	– –
2016	2	21	129	422	(s)	149	0	700	0	– –	– –	3	4,832	– –	– –	– –
2017	2	23	116	359	(s)	150	0	625	0	– –	– –	4	4,970	– –	– –	– –
2018	3	26	96	604	0	152	0	852	0	– –	– –	6	4,921	– –	– –	– –
2019	2	28	87	434	(s)	153	0	674	0	– –	– –	7	4,956	– –	– –	– –
2020	1	26	98	529	(s)	154	0	781	0	– –	– –	10	4,702	– –	– –	– –
2021	1	25	98	597	(s)	156	0	851	0	– –	– –	12	4,906	– –	– –	– –
2022	2	27	100	681	(s)	162	0	943	0	– –	– –	14	5,020	– –	– –	– –
			Trillion Btu													
1960	0.3	12.3	1.7	0.4	2.6	0.7	(s)	5.5	NA	0.1	NA	NA	2.3	20.5	R 4.7	R 25.2
1965	0.2	14.1	1.8	0.5	1.3	0.8	(s)	4.4	NA	0.1	NA	NA	3.2	22.0	R 6.2	R 28.2
1970	0.1	19.2	1.6	0.7	0.5	1.2	(s)	4.1	NA	0.1	NA	NA	4.1	27.4	R 8.3	R 35.7
1975	0.2	19.0	3.9	0.8	0.3	0.9	(s)	5.9	NA	0.1	NA	NA	5.6	30.8	R 11.5	R 42.2
1980	0.2	14.4	2.0	0.7	0.0	0.5	(s)	3.2	NA	0.1	NA	NA	7.1	25.1	R 15.2	R 40.3
1985	0.1	14.8	4.5	0.5	(s)	0.4	0.8	6.2	NA	0.1	NA	NA	14.5	35.7	R 29.4	R 65.1
1990	0.9	12.5	0.9	0.7	(s)	0.4	0.1	2.1	0.0	0.2	0.1	(s)	11.0	26.7	R 15.7	R 42.4
1995	0.2	13.9	0.6	0.4	(s)	0.1	(s)	1.1	0.0	0.2	0.1	(s)	11.6	27.1	R 17.7	R 44.7
2000	(s)	13.9	0.8	0.8	(s)	0.1	(s)	1.7	0.0	0.3	0.2	(s)	14.0	30.0	R 21.8	R 51.9
2005	2.4	13.7	0.9	1.6	(s)	0.1	0.0	2.7	0.0	1.0	0.2	(s)	15.3	35.1	R 24.7	R 59.8
2006	2.3	13.4	1.2	1.3	(s)	0.1	0.0	2.6	0.0	0.9	0.2	(s)	16.0	35.4	R 25.4	R 60.8
2007	(s)	13.4	1.0	1.2	(s)	0.1	0.0	2.3	0.0	1.0	0.1	(s)	16.5	33.3	R 26.1	R 59.4
2008	0.3	14.6	1.3	1.6	(s)	0.1	0.0	3.1	0.0	1.0	0.1	(s)	16.5	35.5	R 25.6	R 61.2
2009	0.2	23.8	0.8	0.7	0.0	0.1	0.2	1.8	0.0	0.4	0.1	(s)	16.3	42.8	R 24.4	R 67.3
2010	0.2	20.7	0.6	1.1	(s)	0.1	(s)	1.8	0.0	0.4	0.1	(s)	16.3	39.6	R 24.7	R 64.3
2011	0.2	22.7	0.7	1.2	(s)	0.1	(s)	2.0	0.0	0.4	0.1	(s)	16.7	42.2	R 21.1	R 63.3
2012	0.1	19.7	0.6	1.4	(s)	0.1	(s)	2.1	0.0	0.4	0.1	(s)	16.8	39.2	R 21.7	R 61.0
2013	(s)	21.7	0.6	1.2	(s)	0.1	(s)	1.9	0.0	0.4	0.1	(s)	16.7	40.9	R 23.1	R 63.9
2014	(s)	22.1	0.5	1.5	(s)	0.1	(s)	2.1	0.0	0.5	0.1	(s)	16.7	41.6	R 22.5	R 64.0
2015	0.1	20.1	0.3	1.5	(s)	0.7	0.0	2.5	0.0	1.6	0.1	(s)	16.7	41.2	R 23.1	R 64.3
2016	(s)	22.0	0.7	1.6	(s)	0.8	0.0	3.1	0.0	2.0	0.1	(s)	16.5	43.8	R 21.7	R 65.5
2017	(s)	24.3	0.7	1.4	(s)	0.8	0.0	2.8	0.0	2.0	0.1	(s)	17.0	46.3	R 21.1	R 67.4
2018	0.1	27.4	0.6	2.3	0.0	0.8	0.0	3.6	0.0	2.2	0.1	R (s)	16.8	50.3	R 20.9	R 71.2
2019	(s)	29.2	0.5	1.7	(s)	0.8	0.0	2.9	0.0	2.0	0.1	R (s)	16.9	51.3	R 22.8	R 74.0
2020	(s)	27.5	0.6	2.0	(s)	0.8	0.0	3.4	0.0	2.1	0.1	R (s)	16.0	49.2	R 16.9	R 66.1
2021	(s)	26.1	0.6	2.3	(s)	0.8	0.0	3.6	0.0	2.2	0.1	R (s)	16.7	R 48.9	R 20.0	R 68.9
2022	(s)	28.5	0.6	2.6	(s)	0.8	0.0	4.0	0.0	2.2	0.1	(s)	17.1	52.1	20.1	72.1

[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 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] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[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. 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.
[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 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.

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