

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

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								
	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours	Wood and waste ^{f,g}		Million kilowatthours				
1960	1,399	108	1,443	334	95	541	2,118	4,532	NA	--	--	NA	7,594	--	--	--
1965	969	127	1,548	437	188	572	1,997	4,743	NA	--	--	NA	10,384	--	--	--
1970	712	183	1,850	742	155	401	824	3,972	NA	--	--	NA	17,073	--	--	--
1975	792	169	2,139	929	107	956	1,457	5,589	NA	--	--	NA	20,047	--	--	--
1980	439	166	2,591	487	130	2,058	380	5,646	NA	--	--	NA	23,323	--	--	--
1985	670	143	2,114	636	440	604	83	3,877	NA	--	--	NA	29,176	--	--	--
1990	523	144	1,920	801	189	1,059	22	3,991	0	--	--	(s)	34,850	--	--	--
1995	356	175	1,709	949	89	438	5	3,189	0	--	--	(s)	40,093	--	--	--
2000	192	178	1,740	1,233	132	525	0	3,630	0	--	--	(s)	44,635	--	--	--
2005	307	167	1,270	1,076	224	275	108	2,953	0	--	--	(s)	46,870	--	--	--
2006	100	147	1,534	690	161	454	28	2,867	0	--	--	1	46,141	--	--	--
2007	127	161	1,765	959	84	458	1	3,267	0	--	--	1	48,129	--	--	--
2008	242	167	1,953	1,054	41	380	8	3,437	0	--	--	1	47,310	--	--	--
2009	217	161	2,458	1,088	28	320	1	3,895	0	--	--	1	45,370	--	--	--
2010	226	156	2,434	1,002	27	278	6	3,746	0	--	--	5	46,526	--	--	--
2011	193	161	2,295	1,008	13	98	5	3,420	0	--	--	13	47,112	--	--	--
2012	131	145	2,517	751	7	99	(s)	3,374	0	--	--	47	46,756	--	--	--
2013	146	168	2,258	932	5	102	0	3,297	0	--	--	58	46,718	--	--	--
2014	133	183	1,980	971	9	97	0	3,057	0	--	--	69	47,005	--	--	--
2015	82	167	2,050	830	6	3,035	0	5,921	0	--	--	80	47,124	--	--	--
2016	45	152	2,059	940	12	3,037	0	6,048	0	--	--	86	47,742	--	--	--
2017	1	157	2,090	998	6	3,084	0	6,178	0	--	--	99	46,158	--	--	--
2018	0	179	2,136	1,122	8	3,132	0	6,398	0	--	--	116	47,192	--	--	--
2019	0	177	2,147	1,239	10	3,155	0	6,550	0	--	--	121	46,009	--	--	--
2020	0	162	2,186	1,497	8	3,178	0	6,870	0	--	--	128	43,204	--	--	--
2021	0	169	2,052	1,517	8	3,207	0	6,784	0	--	--	133	44,980	--	--	--
2022	0	182	2,114	1,726	7	3,299	0	7,146	0	--	--	146	46,091	--	--	--

Trillion Btu																
1960	33.4	111.7	8.4	1.3	0.5	2.8	13.3	26.4	NA	0.4	NA	NA	25.9	197.8	R 52.2	R 250.0
1965	23.0	131.0	9.0	1.7	1.1	3.0	12.6	27.3	NA	0.3	NA	NA	35.4	217.1	R 69.7	R 286.8
1970	16.3	187.6	10.8	2.8	0.9	2.1	5.2	21.8	NA	0.3	NA	NA	58.3	284.3	R 119.3	R 403.7
1975	17.7	173.4	12.5	3.6	0.6	5.0	9.2	30.8	NA	0.4	NA	NA	68.4	290.7	R 139.7	R 430.4
1980	10.2	168.9	15.1	1.9	0.7	10.8	2.4	30.9	NA	1.2	NA	NA	79.6	277.5	R 169.3	R 446.8
1985	16.0	149.6	12.3	2.4	2.5	3.2	0.5	20.9	NA	1.2	NA	NA	99.5	282.2	R 202.3	R 484.5
1990	12.6	149.2	11.2	3.1	1.1	5.6	0.1	21.0	0.0	3.6	0.0	(s)	118.9	305.4	R 275.1	R 580.5
1995	8.7	181.8	9.9	3.6	0.5	2.3	(s)	16.4	0.0	2.5	0.1	(s)	136.8	346.1	R 319.7	R 665.8
2000	4.6	185.4	10.1	4.7	0.7	2.7	0.0	18.3	0.0	2.4	0.2	(s)	152.3	363.0	R 357.9	R 720.9
2005	7.4	173.9	7.4	4.1	1.3	1.4	0.7	14.9	0.0	3.5	0.5	(s)	159.9	359.9	R 365.8	R 725.7
2006	2.4	152.7	8.9	2.7	0.9	2.4	0.2	15.0	0.0	3.1	0.5	(s)	157.4	331.1	R 355.6	R 686.7
2007	3.1	166.6	10.2	3.7	0.5	2.4	(s)	16.7	0.0	4.0	0.5	(s)	164.2	355.0	R 364.1	R 719.1
2008	6.5	173.8	11.3	4.0	0.2	1.9	0.1	17.6	0.0	3.5	0.6	(s)	161.4	363.2	R 356.5	R 719.7
2009	5.8	167.3	14.2	4.2	0.2	1.6	(s)	20.2	0.0	3.0	0.7	(s)	154.8	351.6	R 342.9	R 694.5
2010	6.0	161.8	14.1	3.8	0.2	1.4	(s)	19.5	0.0	3.0	0.7	R (s)	158.7	349.7	R 354.6	R 704.3
2011	5.1	166.5	13.2	3.9	0.1	0.5	(s)	17.7	0.0	2.9	0.9	R (s)	160.7	353.9	R 349.2	R 703.1
2012	3.5	150.4	14.5	2.9	(s)	0.5	(s)	17.9	0.0	2.5	0.8	R 0.2	159.5	R 334.8	R 330.0	R 664.8
2013	3.9	174.5	13.0	3.6	(s)	0.5	0.0	17.1	0.0	2.9	0.8	R 0.2	159.4	R 358.8	R 326.6	R 685.4
2014	3.5	194.2	11.4	3.7	0.1	0.5	0.0	15.7	0.0	3.1	0.8	R 0.2	160.4	R 377.8	R 325.1	R 702.9
2015	2.2	178.3	11.8	3.2	(s)	15.3	0.0	30.4	0.0	3.5	0.8	R 0.3	160.8	R 376.2	R 317.6	R 693.8
2016	1.2	163.8	11.9	3.6	0.1	15.4	0.0	30.9	0.0	3.5	0.8	R 0.3	162.9	R 363.4	R 319.7	R 683.1
2017	(s)	168.5	12.0	3.8	(s)	15.6	0.0	31.5	0.0	3.4	0.8	R 0.3	157.5	R 362.0	R 301.2	R 663.2
2018	0.0	190.9	12.3	4.3	(s)	15.8	0.0	32.5	0.0	3.4	0.8	R 0.4	161.0	R 389.0	R 296.4	R 685.4
2019	0.0	189.3	12.4	4.8	0.1	15.9	0.0	33.1	0.0	3.2	0.8	R 0.4	157.0	R 383.8	R 276.0	R 659.7
2020	0.0	173.5	12.6	5.8	(s)	16.1	0.0	34.4	0.0	3.3	0.8	R 0.4	147.4	R 359.9	R 254.0	R 613.9
2021	0.0	182.0	11.8	5.8	(s)	16.2	0.0	33.9	0.0	3.6	0.8	R 0.5	153.5	R 373.8	R 261.5	R 635.3
2022	0.0	194.4	12.2	6.6	(s)	16.7	0.0	35.5	0.0	3.4	0.8	0.5	157.3	391.6	259.8	651.4

^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/>