Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2024, North Carolina

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [f,g]	Biomass	Geothermal [g]	Solar [g,i]	Electricity [j]	End use [g,k]	Electrical system energy losses [l]	Total [e,g,k]
			Distillate fuel oil [b]	HGL [c]	Kerosene	Motor gasoline [d]	Residual fuel oil	Total [e]		Wood and waste [g,h]						
	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours			Million kilowatthours				
1960	408	4	1,156	523	248	206	122	2,255	NA	– –	– –	NA	2,667	– –	– –	– –
1965	233	7	1,307	829	251	278	120	2,786	NA	– –	– –	NA	5,360	– –	– –	– –
1970	192	22	1,701	972	239	355	179	3,446	NA	– –	– –	NA	9,697	– –	– –	– –
1975	259	22	1,426	726	117	414	233	2,917	NA	– –	– –	NA	11,679	– –	– –	– –
1980	135	26	1,673	921	118	790	491	3,992	NA	– –	– –	NA	14,258	– –	– –	– –
1985	152	25	2,958	1,033	245	633	322	5,191	NA	– –	– –	NA	19,163	– –	– –	– –
1990	125	31	2,302	1,384	78	782	223	4,769	24	– –	– –	(s)	25,516	– –	– –	– –
1995	195	37	2,345	1,893	147	61	185	4,631	15	– –	– –	(s)	31,104	– –	– –	– –
2000	101	43	2,679	2,250	234	330	113	5,606	10	– –	– –	(s)	39,067	– –	– –	– –
2005	137	48	1,669	1,943	162	1,939	229	5,942	18	– –	– –	(s)	44,161	– –	– –	– –
2006	106	46	1,471	1,901	100	1,604	161	5,237	12	– –	– –	(s)	44,585	– –	– –	– –
2007	40	45	1,502	1,940	71	1,153	30	4,696	7	– –	– –	(s)	46,807	– –	– –	– –
2008	250	49	1,359	2,562	37	1,304	45	5,308	8	– –	– –	4	46,540	– –	– –	– –
2009	206	51	1,812	1,971	30	1,936	3	5,752	14	– –	– –	5	46,240	– –	– –	– –
2010	191	56	1,636	2,092	65	983	1	4,777	12	– –	– –	5	47,932	– –	– –	– –
2011	163	50	1,522	1,836	27	379	1	3,765	10	– –	– –	14	46,467	– –	– –	– –
2012	125	49	1,490	1,794	9	362	(s)	3,654	11	– –	– –	37	46,510	– –	– –	– –
2013	134	55	957	1,781	10	319	2	3,069	15	– –	– –	107	46,649	– –	– –	– –
2014	150	60	1,227	2,228	22	352	6	3,835	14	– –	– –	139	47,510	– –	– –	– –
2015	145	55	1,281	2,015	10	2,538	1	5,845	11	– –	– –	143	48,236	– –	– –	– –
2016	119	56	1,182	1,739	15	2,709	2	5,647	14	– –	– –	238	48,604	– –	– –	– –
2017	105	54	1,202	2,131	7	2,358	0	5,697	10	– –	– –	229	47,890	– –	– –	– –
2018	78	58	1,287	2,016	7	2,397	1	5,709	13	– –	– –	228	49,298	– –	– –	– –
2019	58	57	1,309	1,793	6	2,418	0	5,527	14	– –	– –	233	49,173	– –	– –	– –
2020	48	52	1,161	2,353	6	2,428	0	5,948	15	– –	– –	232	45,905	– –	– –	– –
2021	46	57	1,236	2,377	9	2,452	(s)	6,075	14	– –	– –	254	47,715	– –	– –	– –
2022	37	59	1,238	2,176	8	6,489	(s)	9,911	11	– –	– –	282	49,229	– –	– –	– –
2023	33	55	R 1,154	2,110	13	2,528	(s)	R 5,805	9	– –	– –	287	48,197	– –	– –	– –
2024	37	68	1,160	2,172	10	2,081	(s)	5,424	10	– –	– –	309	49,524	– –	– –	– –
			Trillion Btu													
1960	10.1	3.8	6.7	2.0	1.4	1.1	0.8	12.0	NA	0.8	NA	NA	9.1	35.9	18.3	54.2
1965	5.7	7.5	7.6	3.2	1.4	1.5	0.8	14.4	NA	0.6	NA	NA	18.3	46.6	36.0	82.5
1970	4.6	22.0	9.9	3.7	1.4	1.9	1.1	18.0	NA	0.4	NA	NA	33.1	78.1	67.8	145.8
1975	6.1	22.0	8.3	2.8	0.7	2.2	1.5	15.4	NA	0.4	NA	NA	39.8	83.7	81.4	165.1
1980	3.3	26.5	9.7	3.5	0.7	4.1	3.1	21.2	NA	0.6	NA	NA	48.6	100.2	103.5	203.7
1985	3.8	25.9	17.2	4.0	1.4	3.3	2.0	27.9	NA	0.7	NA	NA	65.4	123.7	132.9	256.5
1990	3.2	32.3	13.4	5.3	0.4	4.1	1.4	24.7	0.1	1.3	0.0	(s)	87.1	148.5	184.7	333.3
1995	4.9	38.6	13.6	7.3	0.8	0.3	1.2	23.2	(s)	2.4	0.0	(s)	106.1	175.3	227.3	402.7
2000	2.7	44.4	15.6	8.6	1.3	1.7	0.7	28.0	(s)	2.4	0.0	(s)	133.3	210.9	292.6	503.5
2005	3.5	49.4	9.7	7.5	0.9	10.1	1.4	29.6	0.1	2.5	0.0	(s)	150.7	235.7	323.6	559.3
2006	2.7	47.9	8.5	7.3	0.6	8.3	1.0	25.7	(s)	2.3	0.0	(s)	152.1	230.8	330.7	561.5
2007	1.0	47.0	8.7	7.5	0.4	5.9	0.2	22.7	(s)	2.4	0.0	(s)	159.7	232.8	347.3	580.1
2008	6.7	50.0	7.9	9.8	0.2	6.7	0.3	24.9	(s)	2.6	0.0	(s)	158.8	243.0	346.6	589.5
2009	5.5	52.6	10.5	7.6	0.2	9.9	(s)	28.1	(s)	2.4	0.0	(s)	157.8	246.5	334.0	580.4
2010	5.1	57.2	9.4	8.0	0.4	5.0	(s)	22.8	(s)	2.3	0.0	(s)	163.5	251.1	346.1	597.2
2011	4.3	50.6	8.8	7.1	0.2	1.9	(s)	17.9	(s)	2.3	0.0	(s)	158.5	233.7	329.8	563.5
2012	3.3	49.7	8.6	6.9	(s)	1.8	(s)	17.4	(s)	2.0	0.0	0.1	158.7	231.2	322.9	554.1
2013	3.6	56.1	5.5	6.8	0.1	1.6	(s)	14.0	(s)	2.8	0.0	0.4	159.2	236.0	301.6	537.6
2014	4.0	61.4	7.1	8.6	0.1	1.8	(s)	17.6	(s)	3.0	0.0	0.5	162.1	248.6	307.2	555.8
2015	3.9	57.1	7.4	7.7	0.1	12.8	(s)	28.0	(s)	2.0	0.0	0.5	164.6	256.1	305.3	561.3
2016	3.1	57.8	6.8	6.7	0.1	13.7	(s)	27.3	(s)	1.9	0.0	0.8	165.8	256.9	302.9	559.7
2017	2.8	55.7	6.9	8.2	(s)	11.9	0.0	27.1	(s)	1.9	0.0	0.8	163.4	251.6	289.2	540.8
2018	2.0	59.7	7.4	7.7	(s)	12.1	(s)	27.3	(s)	2.0	0.0	0.8	168.2	260.0	291.6	551.6
2019	1.5	59.1	7.6	6.9	(s)	12.2	0.0	26.7	(s)	1.6	0.0	0.8	167.8	257.5	287.0	544.5
2020	1.3	53.9	6.7	9.0	(s)	12.3	0.0	28.0	0.1	1.8	0.0	0.8	156.6	242.5	255.9	498.3
2021	1.2	58.6	7.1	9.1	(s)	12.4	(s)	28.7	(s)	1.7	0.0	0.9	162.8	253.9	270.6	524.5
2022	0.9	60.6	7.1	8.4	(s)	32.8	(s)	48.3	(s)	1.2	0.0	1.0	168.0	280.1	278.5	558.6
2023	0.9	56.6	6.7	8.1	0.1	12.8	(s)	R 27.6	(s)	1.2	0.0	1.0	164.4	R 251.7	268.8	R 520.5
2024	1.0	70.2	6.7	8.3	0.1	10.5	(s)	25.6	(s)	1.2	0.0	1.1	169.0	268.1	279.1	547.2

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2013, includes biodiesel blended into distillate fuel oil.
[c] Hydrocarbon gas liquids, assumed to be propane only.
[d] 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.
[e] Includes small amounts of petroleum coke and, beginning in 2021 other petroleum products (biofuels product supplied), not shown separately.
[f] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.
[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] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[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] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[k] 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.
[l] 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. https://www.eia.gov/state/seds/