

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, North Carolina

Year	Coal ^a Thousand short tons	Natural gas ^b Billion cubic feet	Petroleum				Biomass Wood ^d	Geothermal ^e	Solar ^{e,f}	Electricity ^g Million kilowatthours	End use ^{e,h}	Electrical system energy losses ⁱ	Total ^{e,h}
			Distillate fuel oil	HGL ^c	Kerosene	Total							
1960	587	9	5,887	1,378	10,429	17,693	--	--	5,796	--	--	--	
1965	309	15	6,654	2,186	10,547	19,388	--	--	8,601	--	--	--	
1970	244	27	8,663	2,561	10,045	21,269	--	--	14,660	--	--	--	
1975	111	27	7,261	1,915	4,901	14,078	--	--	18,999	--	--	--	
1980	36	34	7,044	2,427	2,747	12,219	--	--	24,377	--	--	--	
1985	43	29	5,449	2,724	3,994	12,167	--	--	26,852	--	--	--	
1990	31	35	4,225	3,648	1,408	9,281	--	--	33,144	--	--	--	
1995	29	49	4,023	4,990	2,098	11,110	--	--	39,506	--	--	--	
2000	12	64	3,238	5,933	1,979	11,149	--	--	46,537	--	--	--	
2005	12	64	2,228	5,738	1,755	9,720	--	--	54,073	--	--	--	
2006	10	57	2,030	4,936	1,194	8,161	--	--	52,851	--	--	--	
2007	4	58	1,972	4,795	849	7,617	--	--	56,095	--	--	--	
2008	0	64	1,823	6,304	435	8,562	--	--	55,751	--	--	--	
2009	0	66	1,271	6,042	384	7,697	--	--	56,311	--	--	--	
2010	0	75	1,424	6,372	552	8,348	--	--	62,160	--	--	--	
2011	0	62	1,031	5,321	270	6,622	--	--	58,056	--	--	--	
2012	0	57	797	3,843	106	4,745	--	--	54,672	--	--	--	
2013	0	70	857	4,211	105	5,174	--	--	56,251	--	--	--	
2014	0	75	845	4,895	170	5,910	--	--	58,650	--	--	--	
2015	0	65	1,571	4,506	150	6,227	--	--	57,902	--	--	--	
2016	0	65	1,303	3,862	218	5,384	--	--	58,457	--	--	--	
2017	0	60	701	3,704	119	4,524	--	--	56,134	--	--	--	
2018	0	73	760	4,871	125	5,756	--	--	61,622	--	--	--	
2019	0	68	704	4,593	149	5,446	--	--	59,853	--	--	--	
2020	0	64	625	4,070	152	4,848	--	--	58,642	--	--	--	
2021	0	72	R 948	4,053	147	R 5,148	--	--	60,915	--	--	--	
2022	0	72	962	4,354	132	5,448	--	--	62,444	--	--	--	

Trillion Btu													
1960	14.5	8.9	34.3	5.3	59.1	98.7	43.9	NA	NA	19.8	185.8	R 39.9	R 225.7
1965	7.6	15.1	38.8	8.4	59.8	107.0	30.5	NA	NA	29.3	189.5	R 57.7	R 247.2
1970	5.8	28.0	50.5	9.8	57.0	117.3	20.5	NA	NA	50.0	221.6	R 102.5	R 324.0
1975	2.6	28.0	42.3	7.4	27.8	77.4	20.9	NA	NA	64.8	193.8	R 132.4	R 326.1
1980	0.9	34.4	41.0	9.3	15.6	65.9	23.1	NA	NA	83.2	207.4	R 176.9	R 384.4
1985	1.1	29.6	31.7	10.5	22.6	64.8	28.6	NA	NA	91.6	215.7	R 186.2	R 401.9
1990	0.8	36.1	24.6	14.0	8.0	46.6	11.7	0.1	0.2	113.1	208.6	R 240.0	R 448.6
1995	0.7	51.0	23.4	19.2	11.9	54.5	17.7	0.2	0.2	134.8	259.0	R 288.8	R 547.8
2000	0.3	65.9	18.8	22.8	11.2	52.8	14.2	0.2	0.1	158.8	292.4	R 348.6	R 641.0
2005	0.3	66.2	13.0	22.0	10.0	45.0	15.4	0.4	0.1	184.5	311.9	R 396.2	R 708.0
2006	0.3	58.5	11.8	19.0	6.8	37.5	13.7	0.5	0.2	180.3	290.8	R 392.1	R 682.9
2007	0.1	60.3	11.4	18.4	4.8	34.6	15.1	0.6	0.2	191.4	302.3	R 416.3	R 718.5
2008	0.0	65.8	10.5	24.2	2.5	37.2	16.9	0.7	0.2	190.2	311.0	R 415.2	R 726.2
2009	0.0	67.3	7.3	23.2	2.2	32.7	16.8	0.8	0.2	192.1	310.1	R 406.7	R 716.8
2010	0.0	75.8	8.2	24.5	3.1	35.8	18.0	0.9	R 0.2	212.1	343.0	R 448.8	R 791.8
2011	0.0	62.5	5.9	20.4	1.5	27.9	17.5	0.9	0.3	198.1	R 307.1	R 412.0	R 719.1
2012	0.0	57.3	4.6	14.8	0.6	20.0	14.6	1.0	0.3	186.5	279.7	R 379.6	R 659.2
2013	0.0	70.6	4.9	16.2	0.6	21.7	19.1	1.0	0.3	191.9	304.6	R 363.7	R 688.3
2014	0.0	77.0	4.9	18.8	1.0	24.6	19.3	1.0	R 0.3	200.1	322.4	R 379.2	R 701.6
2015	0.0	66.8	9.1	17.3	0.9	27.2	10.2	1.0	R 0.3	197.6	R 303.0	R 366.4	R 669.5
2016	0.0	66.8	7.5	14.8	1.2	23.6	8.6	1.0	R 0.4	199.5	R 299.8	R 364.2	R 664.0
2017	0.0	62.1	4.0	14.2	0.7	18.9	7.5	1.0	R 0.5	191.5	R 281.5	R 339.0	R 620.6
2018	0.0	75.4	4.4	18.7	0.7	23.8	10.2	1.0	R 0.6	210.3	R 321.2	R 364.5	R 685.7
2019	0.0	70.1	4.1	17.6	0.8	22.5	8.9	1.0	R 0.8	204.2	R 307.5	R 349.4	R 656.9
2020	0.0	66.2	3.6	15.6	0.9	20.1	R 5.9	1.0	R 1.0	200.1	R 294.3	R 326.9	R 621.1
2021	0.0	74.5	5.5	15.6	0.8	21.9	R 6.1	1.0	R 1.3	207.8	R 312.6	R 345.5	R 658.1
2022	0.0	74.1	5.5	16.7	0.7	23.0	6.8	1.0	1.7	213.1	319.7	352.9	672.6

^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 Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^h 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.

ⁱ 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. <http://www.eia.gov/state/seds/>