

Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, North Carolina

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum								Electricity ^f Million kilowatthours	End use ^{g,h}	Electrical system energy losses ⁱ	Total ^{g,h}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total				
			Thousand barrels											
1960	42	2	692	3,187	5	3,401	545	34,580	494	42,905	0	--	--	--
1965	8	4	714	4,458	17	3,649	578	41,551	581	51,548	0	--	--	--
1970	4	6	151	6,301	65	4,702	523	54,989	345	67,077	0	--	--	--
1975	(s)	4	219	8,207	108	3,809	498	65,739	263	78,844	0	--	--	--
1980	0	6	215	10,707	50	5,209	635	64,918	99	81,834	0	--	--	--
1985	0	5	174	13,827	183	6,668	578	69,392	97	90,917	0	--	--	--
1990	0	6	213	15,804	160	5,567	650	75,937	513	98,844	0	--	--	--
1995	0	6	139	19,855	141	4,947	620	85,383	299	111,384	0	--	--	--
2000	0	7	140	24,918	98	7,277	662	96,699	128	129,923	0	--	--	--
2005	0	4	128	27,724	1,247	7,366	559	102,026	421	139,472	(s)	--	--	--
2006	0	5	107	27,801	1,173	5,323	544	102,895	193	138,036	(s)	--	--	--
2007	0	5	96	27,561	900	7,161	562	105,333	590	142,202	(s)	--	--	--
2008	0	5	118	23,559	1,528	5,225	522	111,718	730	143,399	5	--	--	--
2009	0	8	68	24,568	1,135	1,854	469	103,597	693	132,383	7	--	--	--
2010	0	8	157	25,417	56	12,443	713	104,624	391	143,801	7	--	--	--
2011	0	7	147	25,061	57	12,502	675	101,446	293	140,180	7	--	--	--
2012	0	5	142	23,297	54	12,874	602	99,571	3	136,543	7	--	--	--
2013	0	4	122	24,726	68	13,797	644	101,533	0	140,891	7	--	--	--
2014	0	4	84	26,032	59	14,365	670	101,820	(s)	143,031	9	--	--	--
2015	0	4	90	26,220	76	14,338	742	104,458	9	145,933	9	--	--	--
2016	0	3	93	26,365	98	14,858	R 719	108,232	21	R 150,385	6	--	--	--
2017	0	3	98	26,781	26	15,741	R 664	108,443	28	R 151,781	4	--	--	--
2018	0	4	102	28,623	43	15,816	R 645	108,384	27	R 153,640	13	--	--	--
2019	0	4	108	28,796	34	16,417	R 627	110,844	43	R 156,869	19	--	--	--
2020	0	5	102	28,574	43	11,623	R 570	98,473	1	R 139,385	16	--	--	--
2021	0	5	117	R 28,088	34	14,468	R 602	109,146	33	R 152,682	14	--	--	--
2022	0	8	121	27,318	68	14,901	630	109,103	34	152,335	15	--	--	--

Trillion Btu

1960	1.1	2.5	3.5	18.6	(s)	18.2	3.3	181.6	3.1	228.4	0.0	232.0	0.0	232.0
1965	0.2	4.4	3.6	26.0	0.1	19.7	3.5	218.3	3.7	274.8	0.0	279.4	0.0	279.4
1970	0.1	6.3	0.8	36.7	0.2	25.7	3.2	288.9	2.2	357.7	0.0	364.0	0.0	364.0
1975	(s)	3.6	1.1	47.8	0.4	20.8	3.0	345.3	1.7	420.2	0.0	423.8	0.0	423.8
1980	0.0	5.9	1.1	62.4	0.2	28.7	3.8	341.0	0.6	437.8	0.0	443.8	0.0	443.8
1985	0.0	4.9	0.9	80.5	0.7	37.0	3.5	364.5	0.6	487.8	0.0	493.4	0.0	493.4
1990	0.0	6.5	1.1	92.1	0.6	30.8	3.9	398.9	3.2	530.6	0.0	537.1	0.0	537.1
1995	0.0	6.3	0.7	115.6	0.5	28.0	3.8	444.3	1.9	594.8	0.0	601.1	0.0	601.1
2000	0.0	7.4	0.7	145.0	0.4	41.3	4.0	502.9	0.8	695.1	0.0	702.5	0.0	702.5
2005	0.0	4.5	0.6	161.3	4.8	41.8	3.4	529.7	2.6	744.3	(s)	748.8	(s)	748.8
2006	0.0	4.8	0.5	161.3	4.5	30.2	3.3	533.5	1.2	734.6	(s)	739.6	(s)	739.6
2007	0.0	5.2	0.5	159.4	3.5	40.6	3.4	541.6	3.7	752.7	(s)	758.1	(s)	758.1
2008	0.0	5.5	0.6	136.2	5.9	29.6	3.2	570.4	4.6	750.4	(s)	756.1	(s)	756.2
2009	0.0	8.1	0.3	141.9	4.4	10.5	2.8	527.3	4.4	691.7	(s)	699.8	R (s)	699.9
2010	0.0	8.2	0.8	146.8	0.2	70.6	4.3	530.1	2.5	755.3	(s)	763.4	0.1	763.5
2011	0.0	7.5	0.7	144.6	0.2	70.9	4.1	513.6	1.8	736.0	(s)	743.5	0.1	743.5
2012	0.0	5.5	0.7	134.4	0.2	73.0	3.7	504.0	(s)	716.0	(s)	721.5	R (s)	721.6
2013	0.0	4.2	0.6	142.5	0.3	78.2	3.9	513.8	0.0	739.3	(s)	743.5	R (s)	743.5
2014	0.0	4.1	0.4	150.0	0.2	81.4	4.1	515.1	(s)	751.3	(s)	755.4	0.1	755.5
2015	0.0	4.6	0.5	151.1	0.3	81.3	4.5	528.2	0.1	765.9	(s)	770.6	0.1	R 770.6
2016	0.0	2.9	0.5	151.8	0.4	84.2	R 4.4	547.1	0.1	R 788.5	(s)	791.4	(s)	791.4
2017	0.0	3.4	0.5	154.2	0.1	89.3	4.0	548.0	0.2	796.2	(s)	799.6	(s)	799.6
2018	0.0	4.4	0.5	164.8	0.2	89.7	3.9	547.8	0.2	R 807.1	(s)	811.5	0.1	811.6
2019	0.0	4.4	0.5	165.8	0.1	93.1	3.8	560.0	0.3	R 823.7	0.1	R 828.1	0.1	828.2
2020	0.0	5.0	0.5	164.5	0.2	65.9	R 3.5	497.5	(s)	732.0	0.1	737.0	0.1	737.1
2021	0.0	4.9	0.6	R 161.9	0.1	82.0	R 3.7	551.2	0.2	R 800.7	(s)	R 805.7	0.1	R 805.8
2022	0.0	7.8	0.6	157.5	0.3	84.5	3.8	550.9	0.2	798.6	0.1	806.5	0.1	806.5

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^f Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.

^g There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

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.

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 the 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/>