

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, North Carolina

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,i} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j Million kWh	End Use ^{f,k}	Electrical System Energy Losses ^j	Total ^{f,k}
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h						
1960	2,421	26	3,155	730	1,089	3,967	4,396	13,336	48	---	---	---	NA	8,773	---	---	---
1965	2,563	47	4,710	1,156	1,315	4,005	5,538	16,724	37	---	---	---	NA	10,707	---	---	---
1970	2,267	75	4,514	1,004	1,004	5,809	6,273	19,492	10	---	---	---	NA	16,095	---	---	---
1975	1,479	82	4,271	3,695	782	7,045	5,612	21,494	5	---	---	---	NA	20,875	---	---	---
1980	1,375	86	4,131	4,581	514	8,468	5,536	23,230	3	---	---	---	NA	25,254	---	---	---
1985	2,247	75	3,613	3,606	832	5,814	5,981	19,845	3	---	---	---	NA	26,272	---	---	---
1990	2,989	86	3,467	3,700	807	5,121	6,614	19,708	3	---	---	---	(s)	31,265	---	---	---
1995	2,437	107	4,640	5,115	977	5,779	8,331	24,842	1,636	---	---	---	(s)	34,063	---	---	---
2000	1,762	107	4,207	5,820	804	4,729	7,705	23,265	936	---	---	---	(s)	34,252	---	---	---
2001	1,704	89	4,676	5,368	2,019	3,391	8,463	23,916	733	---	---	---	(s)	32,931	---	---	---
2002	1,597	98	3,411	4,581	1,957	3,099	7,922	20,970	1,062	---	---	---	(s)	31,381	---	---	---
2003	1,590	88	3,537	3,084	1,666	3,914	7,028	19,229	866	---	---	---	(s)	30,314	---	---	---
2004	1,448	90	3,483	2,830	1,966	5,233	7,611	21,123	688	---	---	---	(s)	31,075	---	---	---
2005	1,408	87	4,272	4,264	1,831	4,918	7,362	22,646	722	---	---	---	(s)	30,101	---	---	---
2006	1,225	87	3,914	5,052	1,941	3,869	7,224	22,000	494	---	---	---	(s)	29,263	---	---	---
2007	1,148	88	3,923	4,440	1,385	3,136	7,433	20,317	2	---	---	---	(s)	28,978	---	---	---
2008	1,066	89	3,369	2,807	1,317	2,843	6,295	16,445	2	---	---	---	(s)	27,773	---	---	---
2009	869	82	2,952	3,077	1,115	2,084	4,771	13,999	2	---	---	---	(s)	25,100	---	---	---
2010	883	92	3,010	R 4,216	1,662	1,748	6,050	R 16,685	2	---	---	---	(s)	28,316	---	---	---
2011	764	99	3,000	R 4,109	1,702	916	5,386	R 15,114	1	---	---	---	(s)	26,555	---	---	---
2012	661	102	2,915	R 3,975	1,585	454	6,308	R 15,236	375	---	---	---	(s)	26,896	---	---	---
2013	663	110	3,359	R 2,652	1,659	198	5,689	R 13,557	881	---	---	---	(s)	26,872	---	---	---
2014	592	108	3,219	R 3,158	1,271	164	5,761	R 13,573	0	---	---	---	(s)	26,965	---	---	---
2015	552	105	3,370	R 2,776	1,299	74	5,440	R 12,960	0	---	---	---	2	27,701	---	---	---
2016	526	106	3,776	R 2,221	1,280	56	6,888	R 14,221	4	---	---	---	2	27,337	---	---	---
2017	454	107	3,854	R 2,158	1,294	83	7,531	R 14,920	0	---	---	---	7	27,393	---	---	---
2018	398	117	3,731	R 2,432	1,324	82	7,599	R 15,167	0	---	---	---	7	27,354	---	---	---
2019	361	119	3,857	R 2,250	1,316	55	6,148	R 13,627	0	---	---	---	7	27,391	---	---	---
2020	347	115	3,428	R 2,403	1,328	276	4,889	R 12,324	0	---	---	---	14	25,828	---	---	---
2021	374	122	3,683	2,474	1,303	75	5,540	13,076	0	---	---	---	15	27,049	---	---	---

Trillion Btu

1960	61.6	27.0	18.4	2.8	5.7	24.9	27.6	79.4	0.5	29.0	NA	NA	NA	29.9	227.4	74.0	301.4
1965	64.6	48.3	27.4	4.4	6.9	25.2	34.1	98.0	0.4	36.2	NA	NA	NA	36.5	284.1	87.2	371.3
1970	53.9	76.9	26.3	6.9	5.3	36.5	39.2	114.2	0.1	45.0	NA	NA	NA	54.9	345.0	132.9	477.9
1975	34.7	63.2	24.9	13.1	4.1	44.3	34.9	121.3	0.1	45.1	NA	NA	NA	71.2	335.6	170.9	506.4
1980	33.6	86.6	24.1	16.1	2.7	53.2	34.5	130.7	(s)	55.3	NA	NA	NA	86.2	392.3	207.0	599.3
1985	55.9	77.4	21.0	12.3	4.4	36.6	37.4	111.7	(s)	64.8	0.0	NA	NA	89.6	399.3	205.3	604.6
1990	74.5	88.9	20.2	12.8	4.2	32.2	41.9	111.3	(s)	82.8	0.0	0.0	(s)	106.7	464.3	245.3	709.5
1995	61.6	110.3	27.0	17.7	5.1	36.3	53.7	139.8	16.9	84.9	0.0	0.0	(s)	116.2	529.6	259.2	788.8
2000	46.7	109.8	24.5	19.9	4.2	29.7	48.7	127.0	9.5	80.6	0.0	0.0	(s)	116.9	490.5	261.7	752.3
2001	45.6	92.6	27.2	18.4	10.5	21.3	53.6	131.0	7.6	82.3	0.0	0.0	(s)	112.4	471.4	247.9	719.3
2002	42.2	101.9	19.9	15.7	10.2	19.5	50.1	115.3	10.8	71.4	0.0	0.0	(s)	107.1	448.7	237.6	686.3
2003	42.1	92.2	20.6	10.6	8.7	24.6	44.9	109.4	8.8	89.9	0.0	0.0	(s)	103.4	445.8	227.4	673.2
2004	38.1	93.3	20.3	9.7	10.2	32.9	49.1	122.2	6.9	65.9	0.0	0.0	(s)	106.0	432.5	237.8	670.3
2005	36.9	90.0	24.9	14.6	9.5	30.9	47.3	127.2	7.2	65.7	0.0	0.0	(s)	102.7	429.8	228.9	658.7
2006	32.2	90.2	22.7	17.3	10.1	24.3	46.2	120.6	4.9	73.5	(s)	0.0	(s)	99.8	421.2	223.5	644.7
2007	30.1	91.4	22.7	15.1	7.1	19.7	47.6	112.2	(s)	56.4	(s)	0.0	(s)	98.9	389.0	220.6	609.6
2008	27.9	92.0	19.5	9.5	5.8	17.9	40.0	92.6	(s)	84.5	(s)	0.0	(s)	94.8	391.7	212.8	604.5
2009	22.8	84.4	17.1	10.2	5.7	13.1	30.3	76.4	(s)	66.6	(s)	0.0	(s)	85.6	335.8	189.7	525.5
2010	23.1	93.9	17.4	16.2	8.4	11.0	38.7	91.7	(s)	75.8	(s)	0.0	(s)	89.8	374.3	197.7	R 571.9
2011	19.8	100.5	17.3	15.8	8.6	5.8	34.3	81.8	(s)	81.0	(s)	0.0	(s)	90.6	373.7	196.9	570.7
2012	17.2	103.6	16.8	15.3	8.0	2.9	40.6	83.6	3.6	79.8	(s)	0.0	(s)	91.8	379.5	194.7	574.2
2013	17.9	111.2	19.4	10.2	8.4	1.2	35.9	75.1	8.4	80.7	(s)	0.0	(s)	91.7	R 385.0	184.0	569.0
2014	15.8	110.6	18.6	R 12.1	6.4	1.0	36.3	74.5	0.0	76.9	(s)	0.0	(s)	92.0	369.7	183.5	553.2
2015	14.3	108.8	19.4	10.7	6.6	0.5	34.3	71.4	0.0	81.9	(s)	0.0	(s)	94.5	R 370.9	185.1	556.1
2016	13.9	109.1	21.7	R 8.5	6.5	0.3	43.9	R 81.0	0.0	77.5	(s)	0.0	(s)	93.7	R 374.9	182.0	R 556.9
2017	12.4	111.2	22.2	8.3	6.5	0.5	48.1	85.6	0.0	77.8	(s)	0.0	0.1	93.5	R 380.3	R 179.4	559.7
2018	10.8	120.2	21.5	R 9.3	6.7	0.5	48.6	R 86.6	0.0	73.1	(s)	0.0	0.1	93.3	R 384.1	R 179.4	R 563.6
2019	9.7	122.9	22.2	R 8.6	6.6	0.3	R 39.0	R 76.9	0.0	73.5	(s)	0.0	0.1	93.5	R 376.5	R 177.8	R 554.4
2020	9.4	119.1	19.7	R 9.2	6.7	1.7	R 30.8	R 68.2	0.0	77.5	(s)	0.0	0.1	88.1	R 362.4	R 164.9	527.3
2021	10.1	126.4	21.2	9.5	6.6	0.5	35.1	72.9	0.0	74.6	(s)	0.0	0.1	92.3	376.5	174.3	550.8

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^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 asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^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 Losses and co-products from the production of biodiesel and fuel ethanol.
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 industrial 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.
kWh = Kilowatthours. -- = 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 industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. 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/>