

2020 North Carolina Resident Population Health Data by Race and Ethnicity

2020 Population Estimates ¹	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	#	%	#	%	#	%	#	%	#	%	#	%
Total	10,600,823	100.0%	6,711,126	63.3%	2,344,295	22.1%	124,338	1.2%	368,629	3.5%	1,052,435	9.9%
Gender:												
Males	5,152,582	48.6%	3,277,105	48.8%	1,096,046	46.8%	59,591	47.9%	179,237	48.6%	540,603	51.4%
Females	5,448,241	51.4%	3,434,021	51.2%	1,248,249	53.2%	64,747	52.1%	189,392	51.4%	511,832	48.6%
Age group:												
Under 18	2,306,400	21.8%	1,228,489	18.3%	561,387	23.9%	28,770	23.1%	92,838	25.2%	391,916	37.2%
18-64	6,479,881	61.1%	4,075,888	60.7%	1,467,990	62.6%	77,743	62.5%	245,154	66.5%	613,106	58.3%
65 & over	1,814,542	17.1%	1,406,749	21.0%	314,918	13.4%	17,825	14.3%	30,637	8.3%	44,413	4.2%
Mortality Rates, 2016-2020 ²	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	Rate		Rate		Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio
Total Deaths, All Causes	793.7		785.0		919.8	1.2	889.6	1.1	424.4	0.5	404.5	0.5
Heart disease	156.1		153.7		181.0	1.2	175.5	1.1	75.2	0.5	65.9	0.4
- Acute Myocardial Infarction	26.1		26.0		29.3	1.1	42.7	1.6	13.8	0.5	11.9	0.5
- Other Ischemic Heart Disease	57.0		57.7		60.2	1.0	71.3	1.2	25.7	0.4	21.3	0.4
Cerebrovascular disease (Stroke)	42.7		40.3		55.3	1.4	40.3	1.0	33.1	0.8	23.8	0.6
Total Cancer	154.6		153.7		176.1	1.1	153.1	1.0	93.0	0.6	81.1	0.5
- Colon, Rectum, and Anus	12.9		12.4		16.5	1.3	12.7	1.0	6.7	0.5	7.6	0.6
- Pancreas	10.9		10.5		13.6	1.3	10.8	1.0	6.1	0.6	7.0	0.7
- Trachea, Bronchus, and Lung	40.1		41.7		39.0	0.9	50.5	1.2	21.1	0.5	12.6	0.3
- Breast	20.1		18.9		26.3	1.4	20.4	1.1	9.6	0.5	10.3	0.5
- Prostate	19.5		16.6		38.5	2.3	21.3	1.3	9.1	0.5	10.7	0.6
Diabetes	24.5		20.3		45.0	2.2	35.0	1.7	14.5	0.7	15.4	0.8
Pneumonia/Influenza	15.7		15.9		16.2	1.0	18.3	1.2	9.8	0.6	6.0	0.4
Chronic lower respiratory diseases	42.5		47.1		28.9	0.6	44.0	0.9	10.0	0.2	9.0	0.2
Septicemia	12.5		11.7		17.4	1.5	13.9	1.2	5.5	0.5	5.6	0.5
Chronic liver disease/cirrhosis	11.1		12.5		7.7	0.6	16.6	1.3	4.8	0.4	7.9	0.6
Nephritis, nephrosis, and nephrotic syndrome	16.4		13.1		32.5	2.5	20.9	1.6	9.3	0.7	9.9	0.8
Alzheimer's Disease	37.4		38.1		36.5	1.0	53.0	1.4	17.6	0.5	21.3	0.6
HIV Disease	1.6		0.6		5.5	9.2	12.1*	1.1	0.3*	0.4	0.9	1.5
Unintentional motor vehicle injury	15.1		14.0		18.5	1.3	32.6	2.3	6.2	0.4	13.6	1.0
Other Unintentional injuries	43.2		50.5		31.7	0.6	60.0	1.2	14.8	0.3	18.9	0.4
Suicide	13.4		17.1		5.9	0.3	9.9	0.6	8.6	0.5	5.5	0.3
Homicide	7.3		3.2		19.6	6.1	17.8	5.6	2.6	0.8	4.0	1.3

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Cancer Incidence Rates, 2016-2020 ⁴	Total	White, Non-Hispanic	African American, Non-Hispanic		American Indian, Non-Hispanic		Asian/Pacific Islander, Non-Hispanic		Hispanic/Latino	
	Rate	Rate	Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio
Total Cancer	464.3	470.8	458.8	1.0	348.1	0.7	252.4	0.5	341.6	0.7
- Lung & Bronchus cancer	60.8	63.1	58.1	0.9	64.3	1.0	27.5	0.4	29.0	0.5
- Colon & Rectum cancer	33.9	33.3	36.7	1.1	31.5	0.9	21.0	0.6	26.8	0.8
- Female Breast cancer	162.8	165.6	163.1	1.0	107.7	0.7	104.8	0.6	121.7	0.7
- Cervical cancer	6.7	6.4	7.1	1.1	8.1	0.6	5.0	0.8	11.2	1.8
- Prostate cancer	118.0	102.0	177.8	1.7	85.6	0.8	52.3	0.5	80.0	0.8
- Stomach cancer	6.0	4.8	9.6	2.0	4.4	0.9	8.2	1.7	9.7	2.0
- Pancreatic cancer	12.9	12.3	16.3	1.3	9.5	0.8	7.2	0.6	10.3	0.8
- Liver cancer	8.3	7.9	8.7	1.1	10.0	1.3	21.0	2.7	11.0	1.4
- Kidney cancer	17.4	17.4	19.3	1.1	16.0	0.9	5.2	0.3	14.9	0.9
- Multiple Myeloma	7.5	5.9	14.2	2.4	5.7	1.0	2.5	0.4	7.5	1.3
Maternal/Child Indicators	Total	White, Non-Hispanic	African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	% / Rate	Rate / %	Rate / %	Disparity Ratio	Rate / %	Disparity Ratio	Rate / %	Disparity Ratio	Rate / %	Disparity Ratio
Infant death Rate (per 1,000 births), 2016-20 ³	7.0	4.9	12.7	2.6	9.0	1.8	5.2	1.1	5.6	1.1
Child (ages 1-17) Death Rate (per 100,000 pop), 2016-20 ³	21.3	18.4	30.7	1.7	34.3	1.9	18.7	1.0	16.6	0.9
Low birthweight (<=2500 grams) Births (%), 2018-20 ⁵	9.4	7.5	14.8	2.0	11.6	1.5	8.8	1.2	7.5	1.0
Preterm Births (%), 2018-20 ⁵	10.6	9.5	14.2	1.5	11.3	1.2	8.6	0.9	9.4	1.0
Late or No Prenatal Care (%), 2018-20 ⁵	25.4	18.6	33.0	1.8	32.6	1.8	26.6	1.4	35.6	1.9
Maternal Smoking during Pregnancy (%), 2018-20 ⁵	7.6	9.9	7.2	0.7	19.4	2.0	1.1	0.1	1.4	0.1
Maternal Obesity (%), 2018-20 ⁵	29.9	26.3	40.8	1.6	34.8	1.3	13.0	0.5	29.9	1.1
Maternal Overweight (%), 2018-20 ⁵	25.6	24.5	24.6	1.0	23.2	0.9	24.7	1.0	31.1	1.3
Infant Not Breastfed at Discharge (%), 2018-20 ⁵	18.9	15.9	29.8	1.9	46.2	2.9	11.1	0.7	12.5	0.8
Teen Birth Rate (Ages 15-19), 2016-20 ⁵	19.2	13.1	25.2	1.9	37.2	2.8	7.6	0.6	35.1	2.7
All Birth Defects, 2014-18 ⁶	333.2	338.8	325.0	1.0	420.3	1.2	252.6	0.7	319.9	0.9
- Neural Tube Defects, 2014-18 ⁶	6.4	6.1	6.0	1.0	*	n/a	3.6*	0.6	5.7	0.9
- Orofacial clefts, 2014-18 ⁶	14.2	15.9	9.4	0.6	16.2*	1.1	13.0	0.8	14.7	0.9
- Critical congenital heart defects, 2014-18 ⁶	13.9	13.2	16.7	1.3	15.0*	1.1	10.9	0.8	12.9	1.0

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Communicable Disease Rates, 2020 ^{7**}	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Asian/Pacific Islander, Non-Hispanic		Hispanic/Latino	
	Rate		Rate		Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio	Rate	Disparity Ratio
Newly Diagnosed Adult/Adolescent HIV Infection Cases	12.0		4.4		32.1	7.3	6.7	3.2	4.0*	0.9	18.7	4.3
Newly Diagnosed Adult/Adolescent AIDS Cases	5.7		2.1		15.3	7.3	*	n/a	*	n/a	8.6	4.1
Newly Diagnosed Primary and Secondary Syphilis	11.9		5.4		29.9	5.5	4.0*	0.7	1.4*	0.2	8.6	1.6
Newly Diagnosed Chlamydia	607.0		148.3		849.3	5.7	525.2	3.5	74.9	0.5	450.6	3.0
Newly Diagnosed Gonorrhea	264.3		54.2		523.7	9.7	234.8	4.3	18.7	0.4	112.5	2.1
Health Risk Factors Among NC Adults, 2020 ⁸	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	%	C.I.	%	C.I.	%	C.I.	%	C.I.	%	C.I.	%	C.I.
% of Adults that are Current smokers	16.5	15.3-17.8	17.1	15.6-18.7	17.3	14.4-20.6	30.2	21.1-41.2	10.1	5.1-19.1	8.9	6.4-12.4
% of Adults that are Obese	33.6	32.0-35.2	30.4	28.5-32.3	47.0	43.0-51.1	*	n/a	22.3	14.1-33.3	31.8	26.8-37.3
% of Adults that are Overweight	35.7	34.1-37.3	36.8	34.8-38.7	30.5	27.0-34.3	26.3	18.6-35.8	*	n/a	40.1	34.5-46.0
% of Adults reporting fair/poor health	14.5	13.4-15.7	14.5	13.1-16.1	14.8	12.4-17.4	30.8	22.5-40.5	*	n/a	15.9	12.5-20.0
% of Adults diagnosed with 2+ chronic conditions	26.3	24.9-27.6	30.1	28.3-31.9	24.1	21.2-27.2	42.2	32.6-52.5	7.2	3.4-14.4	7.9	5.7-10.7
Social Determinants of Health	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	% / Rate		% / Rate		% / Rate	Disparity Ratio	% / Rate	Disparity Ratio	% / Rate	Disparity Ratio	% / Rate	Disparity Ratio
High School Graduation Rate, 2020-21 ⁹	87.0		90.3		83.8	1.1	83.4	1.1	85.0	1.1	81.7	1.1
Adults Ages 25+ with High School Diploma or GED, 2019 ¹⁰	88.6		92.2		86.5	1.1	78.4	1.2	87.3	1.1	62.8	1.5
Adults Ages 25+ with Bachelor's Degree, 2019 ¹⁰	20.5		23.1		14.6	1.6	9.3	2.5	29.0	0.8	11.1	2.1
Unemployed, 2019 ¹⁰	2.8		2.2		4.5	2.0	3.2	1.5	1.7	0.8	3.2	1.5
Poverty Rate - All Ages, 2019 ¹⁰	13.6		9.4		21.6	2.3	26.5	2.8	7.4	0.8	22.1	2.4
Poverty Rate - Children Under 18 Years, 2019 ¹⁰	19.5		10.5		32.9	3.1	36.7	3.5	7.7	0.7	29.8	2.8
Poverty Rate - Elderly Ages 65+ Years, 2019 ¹⁰	9.1		7.3		16.8	2.3	20.1	2.8	3.3	0.5	13.4	1.8
Households on Food Stamps/SNAP Benefits, 2019 ¹⁰	11.6		7.4		24.0	3.2	25.3	3.4	5.3	0.7	12.5	1.7
Median Household Income, 2019 ¹⁰	\$57,341		\$65,244		\$41,100	1.6	\$40,038	1.6	\$91,490	0.7	\$46,933	1.4
Living in a Home they own, 2019 ¹⁰	65.3		73.8		45.1	1.6	69.1	1.1	65.7	1.1	47.2	1.6
Housing Costs >= 30% of Household Income, 2019 ¹⁰	23.3		20.9		32.4	1.6	32.8	1.6	23.3	1.1	29.4	1.4
Uninsured, 2019 ¹⁰	11.3		8.2		11.4	1.4	14.4	1.8	8.9	1.1	31.3	3.8
Disability, 2019 ¹⁰	13.2		14.3		14.2	1.0	20.4	1.4	6.5	0.5	6.2	0.4

* Rates based on fewer than 20 cases may be statistically unstable and should be interpreted with caution. Rates based on fewer than five cases are suppressed in this report.

References for North Carolina Resident Population Health Data by Race and Ethnicity Report

1. National Center for Health Statistics, 2020 Vintage Postcensal Bridged Population Estimates. Available at: https://www.cdc.gov/nchs/nvss/bridged_race.htm
2. With the exception of infant death rates, mortality rates are age-adjusted per 100,000 resident population. Numerators are derived from 2016-2020 death certificate data. Population denominators for all mortality rates (except for infant deaths) are estimates for 2016-2020 based on Vintage 2020 (Postcensal) bridged population estimates from the National Center for Health Statistics Bridged Population Estimates & the U.S. Census Bureau.
3. Infant mortality rates per 1,000 live births (based on birth certificate and death certificate data). Child death rates exclude infants and are presented per 100,000 population ages 1-17 (based on death certificate data).
4. Cancer incidence rates are per 100,000 resident population. Denominators are estimates for 2016-2020 based on Vintage 2020 (Postcensal) bridged population estimates from the National Center for Health Statistics Bridged Population Estimates & the U.S. Census Bureau.
5. Based on information reported on North Carolina resident birth certificates from 2018-2020. Preterm births are defined as those occurring at less than 37 weeks clinical/obstetric gestation. Obesity is defined as moms having a Pre-pregnancy Body Mass Index ≥ 30.0 . Teen birth rates represent the number of live births per 1,000 females ages 15-19.
6. Birth defects per 10,000 North Carolina resident live births. Total birth defects include all major structural congenital malformations diagnosed in the first year of life. Neural tube defects include anencephaly, spina bifida and encephalocele. Critical congenital heart defects include common truncus, hypoplastic left heart syndrome, pulmonary valve atresia with intact ventricular septum, tetralogy of Fallot, total anomalous pulmonary venous return, d-transposition of great arteries, and tricuspid valve atresia.
7. 2020 North Carolina HIV/STD/Hepatitis Surveillance Report, NC DHHS DPH HIV/STD Prevention & Care Branch. HIV infection cases include all newly reported HIV infected individuals by the year of first diagnosis regardless of the stage of infection (HIV or AIDS). All rates are per 100,000 population. Refer to: <https://epi.dph.ncdhhs.gov/cd/stds/annualrpts.html> for further information. Note: 2020 data should be treated with caution due to reduced availability of testing caused by the COVID-19 pandemic.
8. Latest available data from the North Carolina Behavioral Risk Factor Surveillance System (NC BRFSS). C.I. refers to the Confidence Interval (at 95 percent probability level). Disparity ratios not presented due to overlapping confidence intervals. Estimates showing "n/a" are suppressed because they do not meet statistical reliability standards.
9. NC Department of Public Instruction. The North Carolina Four-Year Cohort Graduation Rate reflects the percentage of ninth graders (cohort) who graduated from high school four years later. Rates for "other races" include Asians and Multi-race categories. Refer to: <http://accrpt.tops.ncsu.edu/app/2021/cgr/> for further information.
10. 2019 American Community Survey Single-Year Estimates: Table S0201: Selected Population Profile for North Carolina. Note: "Non-Hispanic Other" category is exclusively Asian Alone, Non-Hispanic.