

## North Carolina Resident Population Health Data by Race and Ethnicity

2018 Population Estimates <sup>1</sup>	Total		White, Non-Hispanic		African American, Non-Hispanic		American Indian, Non-Hispanic		Other Races, Non-Hispanic		Hispanic/Latino	
	#	%	#	%	#	%	#	%	#	%	#	%
<b>Total</b>	10,383,620	100.0%	6,623,807	63.8%	2,296,309	22.1%	123,402	1.2%	342,753	3.3%	997,349	9.6%
<b>Gender:</b>												
Males	5,050,861	48.6%	3,235,660	48.8%	1,074,587	46.8%	59,194	48.0%	165,712	48.3%	515,708	51.7%
Females	5,332,759	51.4%	3,388,147	51.2%	1,221,722	53.2%	64,208	52.0%	177,041	51.7%	481,641	48.3%
<b>Age group:</b>												
Under 18	2,300,645	22.2%	1,240,316	18.7%	561,958	24.5%	29,656	24.0%	85,100	24.8%	383,615	38.5%
18-64	6,393,710	61.6%	4,060,807	61.3%	1,446,965	63.0%	77,563	62.9%	231,255	67.5%	577,120	57.9%
65 & over	1,689,265	16.3%	1,322,684	20.0%	287,386	12.5%	16,183	13.1%	26,398	7.7%	36,614	3.7%
Mortality Rates, 2014-2018 <sup>2</sup>	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	781.8		777.0		888.5	1.1	856.9	1.1	426.0	0.5	359.8	0.5
Heart disease	158.0		155.9		182.2	1.2	176.9	1.1	76.9	0.5	61.8	0.4
- Acute Myocardial Infarction	28.4		28.3		32.5	1.1	43.0	1.5	13.2	0.5	10.3	0.4
- Other Ischemic Heart Disease	59.4		60.3		61.5	1.0	70.0	1.2	25.9	0.4	21.1	0.3
Cerebrovascular disease (Stroke)	43.0		40.7		55.1	1.4	39.0	1.0	35.2	0.9	23.2	0.6
Total Cancer	161.3		160.2		183.0	1.1	153.4	1.0	102.6	0.6	82.0	0.5
- Colon, Rectum, and Anus	13.6		13.0		17.8	1.4	14.6	1.1	8.2	0.6	6.9	0.5
- Pancreas	11.0		10.6		13.6	1.3	11.2	1.1	7.3	0.7	6.6	0.6
- Trachea, Bronchus, and Lung	44.1		45.9		42.3	0.9	50.6	1.1	22.0	0.5	14.1	0.3
- Breast	20.9		19.7		27.0	1.4	20.5	1.0	12.4	0.6	11.4	0.6
- Prostate	19.7		16.7		39.1	2.3	23.1	1.4	7.2	0.4	9.1	0.5
Diabetes	23.7		19.6		44.0	2.2	40.4	2.1	14.3	0.7	12.1	0.6
Pneumonia/Influenza	17.4		17.8		17.1	1.0	17.3	1.0	11.4	0.6	7.2	0.4
Chronic lower respiratory diseases	44.7		49.8		28.0	0.6	45.5	0.9	12.6	0.3	8.5	0.2
Septicemia	12.8		12.0		18.0	1.5	14.6	1.2	6.5	0.5	6.1	0.5
Chronic liver disease/cirrhosis	10.4		11.6		7.6	0.7	16.8	1.4	3.9	0.3	7.1	0.6
Nephritis, nephrosis, and nephrotic syndrome	16.4		13.4		31.3	2.3	19.3	1.4	12.0	0.9	8.4	0.6
Alzheimer's Disease	35.7		36.7		33.1	0.9	52.7	1.4	15.2	0.4	19.3	0.5
HIV Disease	1.9		0.7		6.4	9.1	1.3*	1.1	0.3*	0.4	0.9	1.3
Unintentional motor vehicle injury	14.5		14.0		16.8	1.2	30.6	2.2	6.1	0.4	12.2	0.9
Other Unintentional injuries	37.0		43.6		25.5	0.6	45.2	1.0	14.8	0.3	14.6	0.3
Suicide	13.5		17.3		5.5	0.3	12.4	0.7	8.2	0.5	5.6	0.3
Homicide	6.5		3.0		17.0	5.7	18.0	6.0	2.8	0.9	3.5	1.2

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Cancer Incidence Rates, 2013-2017 <sup>4</sup>	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 Cancer	470.0	478.0	470.7	1.0	322.7	0.7	526.7	1.1	338.5	0.7
- Lung & Bronchus cancer	66.0	68.3	62.5	0.9	56.3	0.8	47.7	0.7	33.4	0.5
- Colon & Rectum cancer	36.0	35.3	41.0	1.2	31.7	0.9	38.9	1.1	27.5	0.8
- Female Breast cancer	160.2	163.1	162.0	1.0	96.7	0.6	167.3	1.0	110.6	0.7
- Cervical cancer	6.9	6.6	7.7	1.2	3.8*	0.6	9.0	1.4	9.4	1.4
- Prostate cancer	111.9	98.7	172.4	1.7	93.3	0.9	180.1	1.8	79.5	0.8
- Stomach cancer	6.3	5.1	9.8	1.9	6.1	1.2	12.5	2.5	8.6	1.7
- Pancreatic cancer	12.7	12.1	16.0	1.3	9.0	0.7	11.0	0.9	11.3	0.9
- Liver cancer	8.2	7.6	9.3	1.2	10.3	1.4	14.1	1.9	10.9	1.4
- Kidney cancer	16.7	16.6	19.0	1.1	15.4	0.9	10.9	0.7	15.6	0.9
- Multiple Myeloma	7.4	5.8	14.4	2.5	4.3	0.7	8.8	1.5	6.5	1.1
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), 2014-18 <sup>3</sup>	7.1	5.2	12.7	2.4	8.7	1.7	5.7	1.1	5.6	1.1
Child (ages 1-17) Death Rate (per 100,000 pop), 2014-18 <sup>3</sup>	21.3	19.3	29.6	1.5	31.2	1.6	18.6	1.0	14.8	0.8
Low birthweight (<=2500 grams) Births (%), 2016-18 <sup>5</sup>	9.3	7.6	14.3	1.9	11.9	1.6	9.0	1.2	7.5	1.0
Preterm Births (%), 2016-18 <sup>5</sup>	10.4	9.5	13.7	1.4	12.1	1.3	8.7	0.9	9.1	1.0
Late or No Prenatal Care (%), 2016-18 <sup>5</sup>	30.6	23.9	38.2	1.6	39.2	1.6	33.1	1.4	40.9	1.7
Maternal Smoking during Pregnancy (%), 2016-18 <sup>5</sup>	8.6	11.2	8.1	0.7	22.5	2.0	1.3	0.1	1.5	0.1
Maternal Obesity (%), 2016-18 <sup>5</sup>	28.1	24.6	39.3	1.6	35.1	1.4	11.3	0.5	27.5	1.1
Maternal Overweight (%), 2016-18 <sup>5</sup>	25.0	23.8	24.4	1.0	24.0	1.0	23.2	1.0	31.0	1.3
Infant Not Breastfed at Discharge (%), 2016-18 <sup>5</sup>	18.7	15.8	29.9	1.9	43.2	2.7	10.9	0.7	11.7	0.7
Teen Birth Rate (Ages 15-19), 2014-18 <sup>5</sup>	22.0	15.6	28.1	1.8	40.7	2.6	10.2	0.7	39.9	2.6
All Birth Defects, 2012-16 <sup>6</sup>	331.9	342.5	322.3	0.9	390.4	1.1	238.1	0.7	310.2	0.9
- Neural Tube Defects, 2012-16 <sup>6</sup>	7.3	6.8	6.3	0.9	*	n/a	4.3*	0.6	7.5	1.1
- Orofacial clefts, 2012-16 <sup>6</sup>	14.2	16.0	9.9	0.6	17.4*	1.2	10.1	0.6	13.8	0.9
- Critical congenital heart defects, 2012-16 <sup>6</sup>	13.1	12.7	14.9	1.2	13.6*	1.0	11.2	0.9	11.5	0.9

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Communicable Disease Rates, 2018 <sup>7</sup>	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
Newly Diagnosed Adult/Adolescent HIV Infection Cases	13.9		4.9		40.8	8.3	5.9*	1.2	4.3*	0.9	17.7	3.6
Newly Diagnosed Adult/Adolescent AIDS Cases	5.8		1.8		18.1	10.1	*	n/a	1.8*	1.0	5.2	2.9
Newly Diagnosed Primary and Secondary Syphilis	10.6		4.3		29.4	6.8	7.3*	1.6	3.7*	0.9	8.2	1.9
Newly Diagnosed Chlamydia	643.0		173.0		1002.3	5.8	688.0	4.0	107.7	0.6	455.8	2.6
Newly Diagnosed Gonorrhea	227.2		53.9		487.5	9.0	250.4	4.6	23.3	0.4	74.0	1.4
Health Risk Factors Among NC Adults, 2018 <sup>8</sup>	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	17.4	16.0-18.9	18.2	16.5-20.1	17.2	14.2-20.6	**	**	12.2	7.3-19.7	10.8	7.5-15.2
% of Adults that are Obese	33.0	31.2-34.8	29.4	27.3-31.5	44.8	40.5-49.1	**	**	27.8	20.0-37.2	30.6	24.5-37.4
% of Adults that are Overweight	35.1	33.3-36.9	36.6	34.4-38.8	31.3	27.4-35.4	**	**	25.2	17.8-34.4	40.8	34.1-47.9
% of Adults reporting fair/poor health	19.1	17.7-20.6	18.0	16.3-19.8	20.0	17.0-23.4	**	**	9.8	6.3-15.0	28.1	23.0-33.9
% of Adults diagnosed with 2+ chronic conditions	27.8	26.3-29.3	30.8	28.9-32.8	25.4	22.0-29.0	**	**	14.0	9.6-20.0	10.4	7.5-14.3
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, 2018-19 <sup>9</sup>	86.5		89.6		83.6	1.1	81.2	1.1	88.1	1.0	81.1	1.1
Adults Ages 25+ with High School Diploma or GED, 2018 <sup>10</sup>	88.2		90.1		86.4	1.0	75.1	1.2	86.8	1.0	62.5	1.4
Adults Ages 25+ with Bachelor's Degree, 2018 <sup>10</sup>	31.9		34.7		21.7	1.6	15.1	2.3	59.6	0.6	15.7	2.2
Unemployed, 2018 <sup>10</sup>	3.1		2.4		4.8	2.0	3.6	1.5	2.2	0.9	3.9	1.6
Poverty Rate - All Ages, 2018 <sup>10</sup>	14.0		11.1		21.1	1.9	20.1	1.8	12.8	1.2	24.8	2.2
Poverty Rate - Children Under 18 Years, 2018 <sup>10</sup>	20.2		15.1		31.2	2.1	22.9	1.5	14.9	1.0	33.5	2.2
Poverty Rate - Elderly Ages 65+ Years, 2018 <sup>10</sup>	8.7		7.1		15.5	2.2	19.5	2.7	7.9	1.1	13.9	2.0
Households on Food Stamps/SNAP Benefits, 2018 <sup>10</sup>	11.6		7.7		23.4	3.0	24.4	3.2	5.8	0.8	16.4	2.1
Median Household Income, 2018 <sup>10</sup>	\$53,855		\$60,701		\$38,597	1.6	\$40,304	1.5	\$79,216	0.8	\$42,231	1.4
Living in a Home they own, 2018 <sup>10</sup>	65.1		72.4		45.0	1.6	62.8	1.2	62.4	1.2	46.2	1.6
Housing Costs >= 30% of Household Income, 2018 <sup>10</sup>	24.9		22.7		33.8	1.5	35.3	1.6	25.5	1.1	32.6	1.4
Uninsured, 2018 <sup>10</sup>	10.7		9.8		10.7	1.1	18.6	1.9	8.1	0.8	29.7	3.0
Disability, 2018 <sup>10</sup>	13.3		13.7		14.1	1.0	19.8	1.4	4.7	0.3	6.5	0.5

\* 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, 2018 Vintage Postcensal Bridged Population Estimates. Available at: [https://www.cdc.gov/nchs/nvss/bridged\\_race.htm](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 2014-2018 death certificate data. Population denominators for all mortality rates (except for infant deaths) are estimates for 2014-2018 based on Vintage 2017 (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 2013-2017 based on Vintage 2017 (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 2016-2018. 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  $\geq 30.0$ . 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. 2018 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.
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://www.ncpublicschools.org/accountability/reporting/cohortgradrate> for further information.
10. 2018 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.