

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

2017 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>	10,273,419	100.0%	6,581,107	64.1%	2,270,022	22.1%	122,735	1.2%	327,267	3.2%	972,288	9.5%
<b>Gender:</b>												
Males	5,001,438	48.7%	3,215,716	48.9%	1,062,593	46.8%	58,990	48.1%	158,349	48.4%	505,790	52.0%
Females	5,271,981	51.3%	3,365,391	51.1%	1,207,429	53.2%	63,745	51.9%	168,918	51.6%	466,498	48.0%
<b>Age group:</b>												
Under 18	2,302,346	22.4%	1,249,952	19.0%	564,315	24.9%	30,158	24.6%	82,691	25.3%	375,230	38.6%
18-64	6,340,628	61.7%	4,048,945	61.5%	1,430,939	63.0%	77,135	62.8%	220,118	67.3%	563,491	58.0%
65 & over	1,630,445	15.9%	1,282,210	19.5%	274,768	12.1%	15,442	12.6%	24,458	7.5%	33,567	3.5%
Mortality Rates, 2013-2017 <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	782.8		777.7		891.7	1.1	850.3	1.1	418.3	0.5	340.0	0.4
Heart disease	159.8		157.6		184.7	1.2	180.2	1.1	76.1	0.5	58.5	0.4
- Acute Myocardial Infarction	29.7		29.7		33.7	1.1	42.5	1.4	13.5	0.5	10.9	0.4
- Other Ischemic Heart Disease	61.2		62.1		63.8	1.0	72.9	1.2	27.1	0.4	19.0	0.3
Cerebrovascular disease (Stroke)	43.2		40.8		55.5	1.4	40.5	1.0	34.7	0.9	22.5	0.6
Total Cancer	164.0		162.8		186.7	1.1	155.7	1.0	103.2	0.6	79.3	0.5
- Colon, Rectum, and Anus	13.7		13.0		18.4	1.4	14.2	1.1	8.2	0.6	6.0	0.5
- Pancreas	11.0		10.6		13.9	1.3	10.2	1.0	7.8	0.7	6.7	0.6
- Trachea, Bronchus, and Lung	45.9		47.7		44.4	0.9	49.7	1.0	21.9	0.5	13.4	0.3
- Breast	20.9		19.6		27.8	1.4	20.2	1.0	12.5	0.6	10.6	0.5
- Prostate	19.7		16.8		38.2	2.3	25.5	1.5	7.3	0.4	9.3	0.6
Diabetes	23.3		19.1		43.7	2.3	41.6	2.2	13.9	0.7	12.1	0.6
Pneumonia/Influenza	17.6		18.0		17.5	1.0	15.6	0.9	11.8	0.7	7.2	0.4
Chronic lower respiratory diseases	45.5		50.6		27.8	0.5	44.8	0.9	13.0	0.3	8.7	0.2
Septicemia	13.1		12.3		18.3	1.5	15.6	1.3	6.0	0.5	5.4	0.4
Chronic liver disease/cirrhosis	10.3		11.5		7.6	0.7	15.6	1.4	4.0	0.3	6.4	0.6
Nephritis, nephrosis, and nephrotic syndrome	16.6		13.6		31.6	2.3	19.3	1.4	11.6	0.9	8.2	0.6
Alzheimer's Disease	33.7		34.6		31.4	0.9	46.9	1.4	12.5	0.4	17.2	0.5
HIV Disease	2.1		0.8		7.1	8.9	0.9*	1.1	*	n/a	1.0	1.3
Unintentional motor vehicle injury	14.2		13.9		16.1	1.2	27.6	2.0	5.9	0.4	11.3	0.8
Other Unintentional injuries	34.6		40.7		23.5	0.6	41.4	1.0	14.6	0.4	13.2	0.3
Suicide	13.3		17.0		5.4	0.3	13.4	0.8	7.6	0.4	4.9	0.3
Homicide	6.4		3.0		16.4	5.5	15.6	5.2	3.3	1.1	3.8	1.3

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Cancer Incidence Rates, 2012-2016 <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	464.6	467.9	468.7	1.0	306.2	0.7	746.7	1.6	315.7	0.7
- Lung & Bronchus cancer	66.3	68.2	63.8	0.9	53.8	0.8	61.2	0.9	31.7	0.5
- Colon & Rectum cancer	36.1	35.2	41.3	1.2	27.3	0.8	53.7	1.5	24.4	0.7
- Female Breast cancer	157.5	159.7	160.5	1.0	93.0	0.6	194.0	1.2	100.0	0.6
- Cervical cancer	7.1	6.7	8.2	1.2	4.7*	0.7	9.3	1.4	9.8	1.5
- Prostate cancer	109.4	94.3	168.1	1.8	88.6	0.9	316.4	3.4	76.0	0.8
- Stomach cancer	6.2	5.1	9.7	1.9	6.0	1.2	14.0	2.7	8.7	1.7
- Pancreatic cancer	12.4	11.7	15.9	1.4	9.7	0.8	12.5	1.1	10.6	0.9
- Liver cancer	7.9	7.3	9.1	1.2	9.8	1.3	13.6	1.9	11.6	1.6
- Kidney cancer	16.4	16.3	18.8	1.2	14.3	0.9	12.5	0.8	13.5	0.8
- Multiple Myeloma	7.2	5.6	13.7	2.4	3.6	0.6	17.7	3.2	5.5	1.0
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), 2013-17 <sup>3</sup>	7.1	5.3	12.7	2.4	9.1	1.7	5.7	1.1	5.4	1.0
Child (ages 1-17) Death Rate (per 100,000 pop), 2013-17 <sup>3</sup>	21.4	20.2	29.1	1.4	29.4	1.5	15.1	0.7	14.1	0.7
Low birthweight (<=2500 grams) Births (%), 2015-17 <sup>5</sup>	9.3	7.6	14.4	1.9	11.6	1.5	9.0	1.2	7.3	1.0
Preterm Births (%), 2015-17 <sup>5</sup>	10.4	9.3	13.8	1.5	11.9	1.3	8.6	0.9	8.9	1.0
Late or No Prenatal Care (%), 2015-17 <sup>5</sup>	30.6	23.8	38.7	1.6	37.8	1.6	33.0	1.4	41.0	1.7
Maternal Smoking during Pregnancy (%), 2015-17 <sup>5</sup>	9.0	11.5	8.5	0.7	22.6	2.0	1.4	0.1	1.6	0.1
Maternal Obesity (%), 2015-17 <sup>5</sup>	27.1	23.6	38.4	1.6	35.7	1.5	10.5	0.4	26.1	1.1
Maternal Overweight (%), 2015-17 <sup>5</sup>	24.7	23.3	24.7	1.1	24.0	1.0	22.5	1.0	30.7	1.3
Infant Not Breastfed at Discharge (%), 2015-17 <sup>5</sup>	18.9	15.9	31.0	1.9	42.3	2.7	10.7	0.7	11.4	0.7
Teen Birth Rate (Ages 15-19), 2013-17 <sup>5</sup>	24.0	17.2	30.8	1.8	42.3	2.5	11.6	0.7	43.3	2.5
All Birth Defects, 2011-15 <sup>6</sup>	336.2	350.3	321.3	0.9	395.0	1.1	232.6	0.7	313.3	0.9
- Neural Tube Defects, 2011-15 <sup>6</sup>	7.3	7.0	6.6	0.9	*	n/a	2.8*	0.4	7.5	1.1
- Orofacial clefts, 2011-15 <sup>6</sup>	14.6	16.9	9.8	0.6	20.9*	1.2	10.5	0.6	13.3	0.8
- Critical congenital heart defects, 2011-15 <sup>6</sup>	13.4	13.2	14.4	1.1	14.8*	1.1	13.0	1.0	12.0	0.9

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Communicable Disease Rates, 2017 <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	15.2		5.1		45.5	8.9	6.9*	1.4	5.6*	1.1	17.5	3.4
Newly Diagnosed Adult/Adolescent AIDS Cases	6.9		2.5		21.0	8.4	*	n/a	*	n/a	5.6	2.2
Newly Diagnosed Primary and Secondary Syphilis	10.6		4.7		28.9	6.1	7.3*	1.6	4.0*	0.9	6.9	1.5
Newly Diagnosed Chlamydia	612.2		171.3		968.9	5.7	725.1	4.2	112.4	0.7	428.0	2.5
Newly Diagnosed Gonorrhea	220.9		52.0		483.5	9.3	299.8	5.8	21.7	0.4	66.7	1.3
Health Risk Factors Among NC Adults, 2017 <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	17.2	15.8-18.7	17.6	15.8-19.5	19.9	16.5-23.7	15.0	8.5-25.0	13.5	8.6-20.6	7.9	4.9-12.3
% of Adults that are Obese	32.1	30.3-33.9	30.2	28.1-32.4	41.7	37.3-46.2	**	**	23.6	16.7-32.1	28.1	21.7-35.5
% of Adults that are Overweight	34.9	33.0-36.8	34.8	32.6-37.1	34.8	30.5-39.3	29.8	20.7-40.9	29.7	22.2-38.6	40.6	33.0-48.7
% of Adults reporting fair/poor health	19.0	17.6-20.5	16.7	15.1-18.5	23.9	20.3-27.8	**	**	9.1	5.4-14.7	28.5	22.7-35.0
% of Adults diagnosed with 2+ chronic conditions	26.9	25.3-28.5	30.3	28.3-32.4	24.5	21.1-28.3	23.5	15.6-33.7	17.9	12.5-25.1	9.3	6.5-13.3
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, 2017-18 <sup>9</sup>	86.3		89.6		83.2	1.1	84.4	1.1	93.4	1.0	79.9	1.1
Adults Ages 25+ with High School Diploma or GED, 2017 <sup>10</sup>	87.8		89.6		85.4	1.0	76.8	1.2	86.0	1.0	60.0	1.5
Adults Ages 25+ with Bachelor's Degree, 2017 <sup>10</sup>	31.3		34.0		21.2	1.6	14.4	2.4	59.6	0.6	15.1	2.3
Unemployed, 2017 <sup>10</sup>	3.2		2.5		5.2	2.1	4.9	2.0	2.4	1.0	3.9	1.6
Poverty Rate - All Ages, 2017 <sup>10</sup>	14.7		11.6		22.0	1.9	25.4	2.2	12.2	1.1	27.1	2.3
Poverty Rate - Children Under 18 Years, 2017 <sup>10</sup>	21.2		15.2		32.3	2.1	37.8	2.5	15.5	1.0	36.6	2.4
Poverty Rate - Elderly Ages 65+ Years, 2017 <sup>10</sup>	9.1		7.3		17.0	2.3	15.9	2.2	8.4	1.2	17.9	2.5
Households on Food Stamps/SNAP Benefits, 2017 <sup>10</sup>	12.3		8.2		25.4	3.1	27.9	3.4	7.3	0.9	16.4	2.0
Median Household Income, 2017 <sup>10</sup>	\$52,752		\$58,925		\$38,320	1.5	\$38,236	1.5	\$79,780	0.7	\$40,546	1.5
Living in a Home they own, 2017 <sup>10</sup>	65.4		72.2		46.3	1.6	64.0	1.1	60.2	1.2	48.1	1.5
Housing Costs >= 30% of Household Income, 2017 <sup>10</sup>	24.1		22.6		30.0	1.3	27.8	1.2	22.8	1.0	34.4	1.5
Uninsured, 2017 <sup>10</sup>	10.7		9.6		11.0	1.1	17.4	1.8	8.7	0.9	30.3	3.2
Disability, 2017 <sup>10</sup>	13.3		13.8		14.3	1.0	17.2	1.2	4.7	0.3	6.0	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, 2017 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 2013-2017 death certificate data. Population denominators for all mortality rates (except for infant deaths) 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.
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 2012-2016 based on Vintage 2016 (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 2015-2017. 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. 2017 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.publichealth.nc.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. 2017 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.