

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

2015 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>	10,042,802	100.0%	6,492,912	64.7%	2,215,120	22.1%	120,383	1.2%	297,645	3.0%	916,742	9.1%
<b>Gender:</b>												
Males	4,892,025	48.7%	3,172,479	48.9%	1,037,527	46.8%	57,826	48.0%	143,720	48.3%	480,473	52.4%
Females	5,150,777	51.3%	3,320,433	51.1%	1,177,593	53.2%	62,557	52.0%	153,925	51.7%	436,269	47.6%
<b>Age group:</b>												
Under 18	2,290,568	22.8%	1,261,904	19.4%	566,924	25.6%	30,657	25.5%	76,347	25.7%	354,736	38.7%
18-64	6,235,410	62.1%	4,026,464	62.0%	1,399,559	63.2%	75,850	63.0%	200,298	67.3%	533,239	58.2%
65 & over	1,516,824	15.1%	1,204,544	18.6%	248,637	11.2%	13,876	11.5%	21,000	7.1%	28,767	3.1%
Mortality Rates, 2011-2015 <sup>2</sup>	Rate		Rate		Disparity Rate Ratio		Disparity Rate Ratio		Disparity Rate Ratio		Disparity Rate Ratio	
Total Deaths, All Causes	783.1		776.9		895.4	1.2	857.6	1.1	307.6	0.4	307.6	0.4
Heart disease	163.7		161.5		188.4	1.2	190.5	1.2	73.6	0.5	54.8	0.3
Cerebrovascular disease (Stroke)	43.1		40.6		56.5	1.4	39.3	1.0	34.8	0.9	20.3	0.5
Total Cancer	169.1		167.5		194.9	1.2	156.7	0.9	104.7	0.6	69.8	0.4
- Trachea, Bronchus & Lung cancer	48.9		50.5		48.1	1.0	49.7	1.0	23.5	0.5	11.1	0.2
- Pancreas	10.9		10.4		13.9	1.3	11.1	1.1	7.7	0.7	5.1	0.5
- Colon/rectum/anus cancer	14.2		13.4		19.7	1.5	13.1	1.0	7.2	0.5	4.1	0.3
- Female Breast cancer	21.3		19.7		29.1	1.5	16.9	0.9	13.5	0.7	9.9	0.5
- Prostate cancer	20.5		17.5		40.5	2.3	30.1	1.7	5.2*	n/a	8.3	0.5
Diabetes	22.8		18.6		43.7	2.3	45.7	2.5	12.3	0.7	10.1	0.5
Septicemia	13.0		12.1		18.7	1.5	12.6	1.0	6.1	0.5	5.5	0.5
Nephritis, nephrosis, and nephrotic syndrome	16.3		13.3		31.2	2.3	20.7	1.6	11.1	0.8	8.6	0.6
Chronic liver disease/cirrhosis	10.1		11.3		7.3	0.6	12.7	1.1	3.1	0.3	5.2	0.5
Pneumonia/Influenza	17.8		18.4		16.2	0.9	12.2	0.7	10.8	0.6	6.8	0.4
Chronic lower respiratory diseases	45.9		51.1		27.3	0.5	42.8	0.8	11.8	0.2	8.3	0.2
HIV Disease	2.4		0.8		8.2	10.3	1.5*	n/a	0.3*	n/a	1.0	1.3
Alzheimer's Disease	30.2		31.1		27.7	0.9	42.8	1.4	10.1	0.3	13.9	0.4
Unintentional motor vehicle injury	13.6		13.7		14.4	1.1	26.8	2.0	6.3	0.5	10.5	0.8
Other Unintentional injuries	30.5		35.5		20.9	0.6	41.5	1.2	12.4	0.3	11.3	0.3
Homicide	5.8		3.0		13.9	4.6	15.6	5.2	3.4	1.1	4.0	1.3
Suicide	12.7		16.4		5.0	0.3	11.8	0.7	6.9	0.4	3.7	0.2

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<b>Cancer Incidence Rates, 2010-2014<sup>4</sup></b>	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>	<b>Disparity Ratio</b>	<b>Rate</b>	<b>Disparity Ratio</b>	<b>Rate</b>	<b>Disparity Ratio</b>	<b>Rate</b>	<b>Disparity Ratio</b>
Total Cancer	480.4	482.7	493.2	1.0	333.5	0.7	723.9	1.5	323.5	0.7
- Lung & Bronchus cancer	70.0	71.6	68.4	1.0	59.5	0.8	59.9	0.8	31.6	0.4
- Colon & Rectum cancer	37.7	36.5	44.6	1.2	28.2	0.8	51.9	1.4	24.7	0.7
- Female Breast cancer	158.4	159.5	164.4	1.0	99.2	0.6	180.4	1.1	106.2	0.7
- Cervical cancer	7.2	6.8	8.2	1.2	5.0	0.7	9.9	1.5	10.8	1.6
- Prostate cancer	125.0	109.1	191.0	1.8	113.5	1.0	337.2	3.1	83.4	0.8
- Stomach cancer	6.5	5.3	10.3	1.9	7.0	1.3	13.0	2.5	10.5	2.0
- Pancreatic cancer	12.4	11.7	16.1	1.4	9.6	0.8	14.5	1.2	9.4	0.8
- Liver cancer	7.7	7.1	8.8	1.2	9.3	1.3	13.4	1.9	11.1	1.6
- Kidney cancer	16.7	16.6	19.2	1.2	14.3	0.9	12.4	0.7	13.4	0.8
- Multiple Myeloma	7.5	5.9	14.0	2.4	3.7	0.6	18.5	6.0	5.7	1.0
<b>Maternal/Child Indicators</b>	<b>Rate/%</b>	<b>Rate/%</b>	<b>Rate/%</b>	<b>Disparity Ratio</b>	<b>Rate/%</b>	<b>Disparity Ratio</b>	<b>Rate/%</b>	<b>Disparity Ratio</b>	<b>Rate/%</b>	<b>Disparity Ratio</b>
Infant death Rate (per 1,000 births), 2011-15 <sup>3</sup>	7.2	5.5	12.9	2.3	9.2	1.7	4.8	0.9	5.0	0.9
Child (ages 1-17) Death Rate (per 100,000 pop), 2011-15 <sup>3</sup>	26.3	25.4	34.3	1.4	34.4	1.4	18.6	0.7	16.9	0.7
Low birthweight (<=2500 grams) Births (%), 2013-2015 <sup>5</sup>	9.0	7.4	13.9	1.9	11.7	1.6	8.4	1.1	6.8	0.9
Preterm Births (%), 2013-2015 <sup>5</sup>	10.0	9.0	13.5	1.5	11.2	1.2	8.2	0.9	8.3	0.9
Late or No Prenatal Care (%), 2013-15 <sup>5</sup>	29.9	23.1	38.5	1.7	34.6	1.5	32.1	1.4	40.7	1.8
Maternal Smoking during Pregnancy (%), 2013-2015 <sup>5</sup>	9.8	12.4	9.5	0.8	24.0	1.9	1.7	0.1	1.7	0.1
Maternal Obesity (%), 2013-2015 <sup>5</sup>	25.5	22.0	36.6	1.7	32.4	1.5	9.6	0.4	24.3	1.1
Maternal Overweight (%), 2013-2015 <sup>5</sup>	24.5	22.9	25.1	1.1	25.9	1.1	21.0	0.9	30.2	1.3
Infant Not Breastfed at Discharge (%), 2013-2015 <sup>5</sup>	20.8	17.2	34.8	2.0	43.9	2.6	11.6	0.7	12.4	0.7
Teen Birth Rate (Ages 15-19), 2011-15 <sup>5</sup>	28.8	26.1	37.4	1.4	49.5	1.9	14.2	0.5	51.2	2.0
All Birth Defects, 2009-13 <sup>6</sup>	343.5	358.7	325.2	0.9	402.5	1.1	255.9	0.7	320.4	0.9
- Neural Tube Defects, 2009-13 <sup>6</sup>	8.2	7.9	6.0	0.8	9.5	1.2	5.2	0.7	9.7	1.2
- Orofacial clefts, 2009-13 <sup>6</sup>	15.3	17.6	11.0	0.6	22.6	1.3	12.2	0.7	12.6	0.7
- Critical congenital heart defects, 2009-13 <sup>6</sup>	13.2	13.1	13.7	1.0	17.8	1.4	14.0	1.1	11.7	0.9

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<b>Communicable Disease Rates, 2015<sup>7</sup></b>	Rate		Rate		Disparity Rate Ratio		Disparity Rate Ratio		Disparity Rate Ratio		Disparity Rate Ratio	
Adult/Adolescent HIV Infection Cases	15.9		5.5		47.0	8.5	14.2*	n/a	5.4*	n/a	18.7	3.4
Adult/Adolescent AIDS Cases	8.8		2.7		28.2	10.4	7.1*	n/a	0.0	n/a	7.3	2.7
Primary and Secondary Syphilis	11.3		4.7		32.5	6.9	6.6*	n/a	2.4*	n/a	6.4	1.4
Chlamydia	541.5		152.0		928.4	6.1	605.6	4.0	113.2	0.7	395.0	2.6
Gonorrhea	169.7		33.5		420.3	12.5	181.9	5.4	15.5	0.5	53.0	1.6
<b>Health Risk Factors Among NC Adults, 2015<sup>8</sup></b>	%		%		%		%		%		%	
% of Adults that are Current smokers	19.0	17.8-20.3	19.5	18.0-21.1	21.6	18.9-24.7	**	**	14.1	9.7-20.2	8.6	6.1-11.9
% of Adults that are Obese	30.1	28.7-31.5	27.7	26.0-29.4	40.1	36.7-43.5	**	**	17.4	10.5-27.5	25.4	20.6-30.8
% of Adults that are Overweight	35.8	34.3-37.2	36.0	34.2-37.8	33.8	30.6-37.2	**	**	35.2	27.5-43.7	41.7	36.0-47.7
% of Adults engaging in no leisure time physical activity	26.2	24.9-27.5	24.9	23.3-26.5	29.6	26.5-32.8	**	**	21.8	15.3-30.0	30.5	25.8-35.7
% of Adults reporting fair/poor health	19.2	18.1-20.4	17.5	16.2-18.9	22.0	19.4-24.7	**	**	14.0	9.3-20.4	27.1	22.7-31.9
% of Adults diagnosed with 2+ chronic conditions	26.2	25.0-27.4	29.9	28.4-31.5	23.7	21.1-26.4	**	**	13.1	9.3-18.2	6.2	4.2- 8.9
<b>Social Determinants of Health</b>	%		%		%		%		%		%	
High School Graduation Rate, 2015-16 <sup>9</sup>	85.9		88.6		82.9	1.1	82.0	1.1	93.4	0.9	80.1	1.1
Unemployment Rate, 2015 <sup>10</sup>	4.2		3.3		7.0	2.1	4.4	1.3	3.1	0.9	5.1	1.5
Poverty Rate - All Ages, 2015 <sup>10</sup>	16.4		12.7		25.3	2.0	25.7	2.0	12.6	1.0	30.8	2.4
Poverty Rate - Children Under 18 Years, 2015 <sup>10</sup>	23.5		17.2		36.2	2.1	32.8	1.9	13.4	0.8	39.5	2.3
Poverty Rate - Elderly Ages 65+ Years, 2015 <sup>10</sup>	9.2		7.1		18.6	2.6	19.7	2.8	9.3	1.3	16.5	2.3
Median Household Income, 2015 <sup>10</sup>	\$47,830		\$53,273		\$32,884	1.6	\$35,521	1.5	\$75,558	0.7	\$34,935	1.5
Housing Costs >= 30% of Household Income, 2015 <sup>10</sup>	27.5		25.0		38.0	1.5	33.7	1.3	23.9	1.0	37.5	1.5
% Uninsured, 2015 <sup>10</sup>	11.2		10.0		11.6	1.2	17.6	1.8	10.0	1.0	32.8	3.3
% with a Disability, 2015 <sup>10</sup>	13.9		14.2		15.4	1.1	18.4	1.3	5.1	0.4	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. 2015 Vintage National Center for Health Statistics Postcensal Bridged Population Estimate file.
2. With the exception of infant death rates, mortality rates are age-adjusted per 100,000 resident population. Numerators are derived from death certificate data. Population denominators for all mortality rates (except for infant deaths) are estimates based on Vintage 2009 (Intercensal), Vintage 2010 (Censal), and Vintage 2015 (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 based on Vintage 2010 (Censal) and Vintage 2014 (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 2013-2015. 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. N.C. 2015 HIV/STD Surveillance Report, NC DHHS DPH HIV/STD Prevention & Care Branch. In 2015, HIV infection cases include all diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS). All rates are per 100,000 population. Refer to: <http://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. 2015 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.