

**North Carolina Health Statistics**

# **Pocket Guide**

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# Childhood Adversity and Adult Health

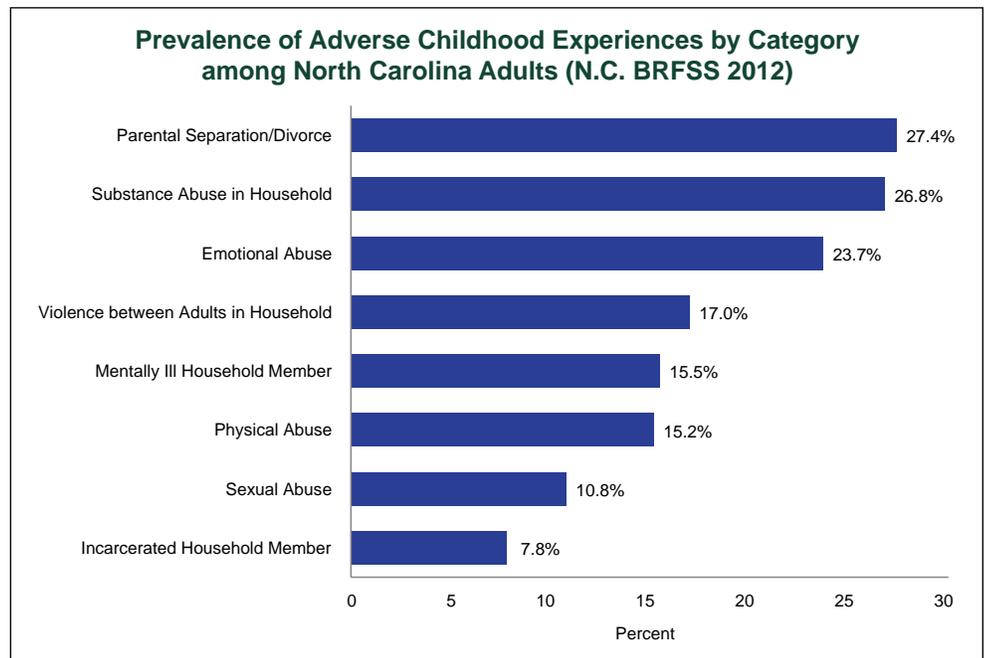
Adverse childhood experiences (ACEs) are traumatic or stressful events experienced before age 18 and include eight categories of childhood abuse and household dysfunction, such as physical, sexual and emotional abuse; adult substance abuse and household domestic violence.

A growing body of evidence shows that these early experiences are common and can have long-lasting effects on mental and physical wellbeing. Findings from a sentinel ACE Study have demonstrated a strong, graded relationship between ACEs and several poor health outcomes in adulthood.<sup>1</sup> Additionally, this study found that as the number of ACEs a person experiences increase, so do the risks of alcohol and drug abuse, obesity, suicidality, depression, intimate partner violence, heart disease and a range of other poor health outcomes in adulthood.

North Carolina data on adverse childhood experiences first became available in 2012 when questions about ACEs were included on the North Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey. The BRFSS is a telephone survey of adults aged 18 and older that is sponsored by the Centers for Disease Control and Prevention (CDC). North Carolina BRFSS data on ACEs and associated risk factors were recently analyzed and a comprehensive report was published on the State Center for Health Statistics website.

The report revealed that North Carolina mirrored the findings of the original ACE study. ACEs were found to be common among North Carolinians: 58 percent reported at least one ACE and 22 percent reported three or more ACEs. As shown in the chart below, over a quarter of North Carolinians reported having grown up with an adult who was abusing alcohol or drugs, and one in 10 reported that they had been sexually abused by an adult.

In addition, ACEs were found to cluster among North Carolinians— if a person reported having experienced one ACE, it was highly likely that he/she had also experienced additional ACEs. The analysis also indicated a statistically significant increase in risk for current smoking, binge drinking, obesity, HIV risk behaviors, poor physical and mental health, activity limitation, chronic obstructive pulmonary disease, cardiovascular disease, arthritis, depression and disability with increasing ACE exposure, even after controlling for sex, age, race and education.



Examining the epidemiology of ACEs and associated outcomes emphasizes the importance of a life course perspective and strengthens the argument for focusing on the prevention of ACEs as an effective long-term strategy for improving population health outcomes in North Carolina.

## References

1. Felitti VJ, Anda RF, Nordenberg D, Williamson DF, Spitz AM, Edwards V, et al. Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. *American Journal of Preventive Medicine*. 1998; 14(4):245–58.

Note: The complete State Center for Health Statistics report upon which this summary is based can be accessed at: [www.schs.state.nc.us/schs/pdf/SCHS\\_Study\\_167\\_FIN\\_20140505.pdf](http://www.schs.state.nc.us/schs/pdf/SCHS_Study_167_FIN_20140505.pdf).

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## Explanatory Notes

In most cases, table headings and footnotes provide definitions for the reported statistics. Additional information needed for data clarification includes the following:

**Number of States Higher:** This figure is given wherever the statistic or the required numerators and denominators were available for states. NA means not available.

**Place of Event:** Unless otherwise noted, data are by place of residence.

**Rates:** Some of the county-level rates of Table 8 have been adjusted for age. Thus, the differences observed are due to factors other than the age distribution of the populations. For smaller counties, the measures in Table 8 may be unstable due to small numbers of events.

Tables 1–6 compare state figures to the latest available national data.

### State Center for Health Statistics

The North Carolina State Center for Health Statistics is a part of the Division of Public Health within the Department of Health and Human Services. The State Center is responsible for data collection, health-related research, production of reports and maintenance of a comprehensive collection of health statistics. It provides high-quality health information for better informed decisions and effective health policies.

The State Center's goal is to improve the health of all North Carolinians and their communities.

# Table 1

## Demographic, Social and Economic Indicators

	United States	North Carolina	Number of States Higher
2013 Population Estimates: <sup>1</sup>			
Resident Population (millions)	316.1	<b>9.8</b>	9
Percentages by Gender:			
Male	49.2	<b>48.7</b>	41
Female	50.8	<b>51.3</b>	7
Percentages by Race/Ethnicity:			
Non-Hispanic White alone	62.4	<b>64.2</b>	31
Non-Hispanic Black or African American alone	12.3	<b>21.2</b>	6
Non-Hispanic American Indian/Alaskan Native alone	0.7	<b>1.1</b>	9
Non-Hispanic Asian alone	5.0	<b>2.4</b>	25
Non-Hispanic Other alone	0.4	<b>0.3</b>	17
Non-Hispanic Two or more races	2.2	<b>2.0</b>	21
Hispanic or Latino (any race)	17.1	<b>8.8</b>	24
Percentages by Age:			
Under 5 Years of Age	6.3	<b>6.2</b>	23
Ages 5–19 Years	19.9	<b>19.8</b>	21
Ages 20–44 Years	33.5	<b>33.6</b>	15
Ages 45–64 Years	26.3	<b>26.1</b>	31
Ages 65 and Over	14.2	<b>14.3</b>	28
Median Age	37.5	<b>37.9</b>	25
2011–2013 Estimates:			
Average Family Size <sup>2</sup>	3.25	<b>3.13</b>	26
Average Household Size <sup>2</sup>	2.64	<b>2.55</b>	25
Children <18 Years Living in Single Parent Families <sup>3</sup>	35.1	<b>38.1</b>	10
Adults ages 25+ with High School Diploma or higher <sup>2</sup>	86.3	<b>85.2</b>	36
Adults ages 25+ with Bachelor's Degree or higher <sup>2</sup>	29.1	<b>27.6</b>	24
Civilian Adults ages 18+ that are Veterans <sup>2</sup>	8.7	<b>9.7</b>	25
Population that were born outside the U.S. <sup>2</sup>	13.0	<b>7.6</b>	20
Foreign-born Population that Entered U.S. 2010 or later <sup>2</sup>	7.1	<b>8.2</b>	30
Population Speaking Language other than English at Home <sup>2</sup>	20.9	<b>11.0</b>	23
Households without a Car/Vehicle <sup>4</sup>	9.2	<b>6.7</b>	29
Median Household Income <sup>5</sup>	\$52,176	<b>\$45,696</b>	39
Percent of Persons Below (100%) of the Federal Poverty Level, 2013 <sup>6</sup>			
Unemployment Rate, 2013 <sup>7</sup>	14.5	<b>18.6</b>	5
Home Ownership Rate, 2013 <sup>8</sup>	7.4	<b>8.0</b>	10
Population Per Square Mile of Land, 2013 <sup>9</sup>	65.1	<b>67.3</b>	28
Percentage of Population Living in Urban Areas, 2010 <sup>10</sup>	89.5	<b>202.6</b>	14
Percentage of Population Living in Rural Areas, 2010 <sup>10</sup>	80.7	<b>66.1</b>	35
	19.3	<b>33.9</b>	14

<sup>1</sup>U.S. Census Bureau (USCB); American Community Survey (ACS), 2013 ACS One-Year Estimates, Table CP05. <sup>2</sup>USCB; ACS, 2011–13 ACS Three-Year Estimates, Table DP02. <sup>3</sup>USCB; ACS, 2011–13 ACS Three-Year Estimates, Table C23008. <sup>4</sup>USCB; ACS, 2011–13 ACS Three-Year Estimates, Table DP04. <sup>5</sup>USCB; ACS, 2011–13 ACS Three-Year Estimates, Table DP03. <sup>6</sup>USCB, Current Population Survey, Annual Social and Economic Supplement, Table POV46: Poverty Status by State. <sup>7</sup>U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics, 2013 Unemployment Rates by State. <sup>8</sup>USCB, Current Population Survey Housing Vacancy Survey, 2013 Housing Vacancies and Homeownership by State. <sup>9</sup>USCB, 2010 Census of Population. <sup>10</sup>USCB, Census of Population and Housing. Land area based on the TIGER® data base for Census 2010.

## Table 2 Work, Farm and School Statistics

	United States	North Carolina	Number of States Higher
Civilian Labor Force, 2013 (millions) <sup>1</sup>	155.4	4.7	9
Participation Rate <sup>1</sup>	63.2	<b>61.6</b>	34
Males	69.7	<b>68.2</b>	32
Females	57.2	<b>55.7</b>	32
Percent Unemployed <sup>1</sup>	7.4	<b>7.9</b>	11
Males	7.6	<b>8.1</b>	13
Females	7.1	<b>7.7</b>	10
Average Annual Pay, 2013 <sup>2</sup>	\$49,804	<b>\$43,789</b>	28
Percent Employed in Manufacturing, 2013 <sup>2</sup>	8.8	<b>10.8</b>	13
Average Hourly Earnings of Manufacturing Production Workers, 2013 <sup>2</sup>	\$19.99	<b>\$16.73</b>	43
Number of Farms, 2012 (thousands) <sup>3</sup>	2,170	<b>50</b>	15
Average Acreage per Farm, 2012 <sup>3</sup>	421	<b>170</b>	37
Average Value Per Farm, Land & Buildings, 2012 <sup>3</sup>	\$1,075,491	<b>\$726,944</b>	33
Public Elementary and Secondary Schools <sup>4</sup>			
Per Capita Expenditures, 2012	\$1,892	<b>\$1,370</b>	46
Average Expenditures per Pupil, 2012	\$11,463	<b>\$9,092</b>	42
Average Salary of Elementary School Teachers, 2012 (thousands)	\$57.0	<b>\$46.6</b>	41
Average Salary of Secondary School Teachers, 2012 (thousands)	\$56.6	<b>\$46.6</b>	41
Mean SAT scores of college-bound seniors 2012–13 <sup>5</sup>			
Critical Reading	496	<b>495</b>	36
Mathematics	514	<b>506</b>	33
Writing	488	<b>478</b>	38
Public High School Four-year cohort graduation rates, 2011–12 <sup>6</sup>			
Total, all students	80.0	<b>80.0</b>	24
White students	86.0	<b>85.0</b>	25
Black students	69.0	<b>75.0</b>	8
American Indian/Alaskan Native students	67.0	<b>74.0</b>	14
Asian/Pacific Islander students	88.0	<b>87.0</b>	22
Hispanic students	73.0	<b>73.0</b>	19
Economically Disadvantaged students	72.0	<b>75.0</b>	11
Students with Disabilities	61.0	<b>60.0</b>	25

<sup>1</sup>U.S. Bureau of Labor Statistics, Local Area Unemployment Statistics, Geographic Profile of Employment and Unemployment. <sup>2</sup>U.S. Bureau of Labor Statistics, Employment and Wages, Annual Averages 2013. <sup>3</sup>U.S. Department of Agriculture, National Agricultural Statistics Service, Farms and Land in Farms, Final Estimates by State. <sup>4</sup>U.S. Census Bureau, 2012 Census of Governments: Finance—Annual Survey of School System Finances. <sup>5</sup>U.S. Department of Education, National Center for Education Statistics, 2013 Digest of Education Statistics, Table 226.40 Mean SAT scores of college-bound seniors. <sup>6</sup>U.S. Department of Education, National Center for Education Statistics, Public High School Four-Year On-Time Graduation Rates.

## Table 3 Social, Welfare and Health Data

	United States	North Carolina	Number of States Higher
<b>Food Stamps<sup>1</sup></b>			
Percent of Population Participating in Federal Food Stamp Program, FY 2013	15.2	<b>17.7</b>	13
Federal Food Stamp Program, Average Monthly Benefits per Participant, FY 2013	\$133	<b>\$122</b>	43
<b>School Lunch Program<sup>2</sup></b>			
Percent of students eligible for free/reduced price lunch through the National School Lunch Program, 2011–12	49.6	<b>52.4</b>	15
National School Lunch Program, Cost per Participant, 2012–13	\$360	<b>\$386</b>	9
Percent of Population Receiving Supplemental Security Income (SSI) <sup>3</sup> , 2013	2.7	<b>2.4</b>	22
Average Monthly Social Security Benefit for Retired Recipients, 2012	\$1,262	<b>\$1,257</b>	25
Average Monthly Social Security Benefit for Disabled Recipients, 2012	\$1,130	<b>\$1,127</b>	22
Average Monthly Social Security Benefit for Widow/er Recipients, 2012	\$1,215	<b>\$1,187</b>	33
Average Weekly Unemployment Insurance Benefits, December 2013 <sup>4</sup>	\$315	<b>\$246</b>	42
<b>Temporary Assistance to Needy Families (TANF)<sup>5</sup></b>			
Average monthly number of families (thousands) receiving TANF, 2013	1,612	<b>20</b>	19
TANF Recipients as a Percent of Resident Population, 2013	1.2	<b>0.4</b>	41
Average Annual TANF Assistance Payment per Recipient, 2013	\$2,661	<b>\$1,568</b>	38
<b>Medicaid<sup>6</sup></b>			
Total Medicaid spending (State & Federal) as a Percent of Total State Budget (State & Federal), FY 2013	24.5	<b>30.0</b>	6
State-funded Medicaid spending as Percent of State-funded Budget, FY 2013	15.1	<b>14.8</b>	19

<sup>1</sup>U.S. Department of Agriculture (USDA) Food and Nutrition Service, Supplemental Nutrition Assistance Program (SNAP). <sup>2</sup>U.S. Department of Agriculture (USDA) Food and Nutrition Service, Child Nutrition Tables: Cash Payments and Total Participation tables. <sup>3</sup>U.S. Social Security Administration, Master Beneficiary Record and Supplemental Security Record: Number of Recipients and Amount of Payments by State. <sup>4</sup>U.S. Department of Labor, Employment and Training Administration, Monthly Program and Financial Data, Monthly Program and Financial Data: Dec. 2013 Summary Data for State Programs. <sup>5</sup>U.S. Department of Health and Human Services, Administration for Children and Families, Office of Family Assistance. <sup>6</sup>National Association of State Budget Officers (NASBO), State Expenditure Report: Examining Fiscal 2012–2014 State Spending.

**Table 4**  
**Pregnancy Outcome Statistics**  
*(Data from State and National Reporting Systems)*

	United States	North Carolina	Number of States Higher
Birth Rate (per 1,000 Population), 2012 <sup>1</sup>	12.6	<b>12.3</b>	31
Fertility Rate (per 1,000 Women Ages 15–44), 2012 <sup>1</sup>	63.0	<b>61.0</b>	34
Live Births 2012 (thousands) <sup>2</sup>	3,952.8	<b>119.8</b>	8
Non-Hispanic White	2,134.0	<b>67.2</b>	8
Non-Hispanic Black	583.5	<b>28.5</b>	5
Hispanic	907.7	<b>18.0</b>	7
American Indian/Alaskan Native	46.1	<b>5.5</b>	7
Asian/Pacific Islander	272.8	<b>1.9</b>	13
Percent Change in Births Since 2000 <sup>1,2</sup>	-2.6	<b>-0.4</b>	25
Percent of Live Births by Maternal Race/Ethnicity, 2012 <sup>2</sup>			
Non-Hispanic White Births	54.0	<b>56.0</b>	33
Non-Hispanic Black Births	14.8	<b>23.8</b>	7
Hispanic Births	23.0	<b>15.0</b>	18
American Indian/Alaskan Native Births	1.2	<b>1.6</b>	13
Asian/Pacific Islander Births	6.9	<b>4.6</b>	20
Percent of 2012 Live Births to Unmarried Mothers <sup>1</sup>	40.7	<b>41.0</b>	22
White, Non-Hispanic	29.3	<b>26.3</b>	35
Black, Non-Hispanic	72.1	<b>72.4</b>	16
Hispanic <sup>4</sup>	53.5	<b>51.1</b>	29
Percent of 2012 Live Births Delivered Preterm (<37 weeks gestation) <sup>1</sup>	11.5	<b>12.0</b>	17
White, Non-Hispanic	10.3	<b>10.3</b>	20
Black, Non-Hispanic	16.5	<b>16.2</b>	18
Hispanic	11.6	<b>11.7</b>	29
Percent Very Low Birthweight (<=3 lbs 4 ozs), 2010–2012 <sup>3</sup>	1.4	<b>1.7</b>	5
Percent Low Birthweight (<=5 lbs 8 ozs), 2010–2012 <sup>4</sup>	8.1	<b>9.0</b>	7
White, Non-Hispanic	7.1	<b>7.5</b>	13
Black, Non-Hispanic	13.4	<b>13.8</b>	8
Hispanic	7.0	<b>6.6</b>	30
Teen Birth Rate, 2012 <sup>5</sup>	29.4	<b>31.8</b>	20
Legal Induced Abortion Rate, 2011 <sup>6</sup>	13.9	<b>11.6</b>	16
Infant Deaths per 1,000 Live Births, 2011 <sup>7</sup>	6.1	<b>7.2</b>	9
Neonatal Deaths per 1,000 Live Births, 2011 <sup>7</sup>	4.1	<b>5.0</b>	7
Postneonatal Deaths per 1,000 Neonatal Survivors, 2011 <sup>7</sup>	2.0	<b>2.2</b>	16

<sup>1</sup>National Center for Health Statistics (NCHS), Division of Vital Statistics, CDC Wonder Online Database: Natality public-use dataset. <sup>2</sup>National Center for Health Statistics, National Vital Statistics Reports. Births: Final Data for 2012: Tables 10 and 11. <sup>3</sup>Centers for Disease Control and Prevention. National Center for Health Statistics. Health Data Interactive. <sup>4</sup>National Center for Health Statistics, Health United States 2012: Table 7. <sup>5</sup>National Center for Health Statistics, National Vital Statistics Reports, Vol 63, No 4: Table 5. <sup>6</sup>Centers for Disease Control & Prevention, Abortion Surveillance—United States, 2011. MMWR 11/28/2014. <sup>7</sup>National Center for Health Statistics, National Vital Statistics Reports. Deaths Final Data for 2011: Table 22.

## Table 5 Communicable Disease Indicators and Select Mortality Statistics

*(Data from State and National Reporting Systems)*

<b>Communicable Disease Rates per 100,000 pop<sup>1</sup></b>	<b>United States</b>	<b>North Carolina</b>	<b>Number of States Higher</b>
Syphilis (Primary & Secondary), 2012	5.0	3.6	23
Gonorrhea (all sites), 2012	107.5	148.3	5
Chlamydia, 2012	456.7	524.0	9
Verified Tuberculosis, 2013	3.0	2.2	21
Hepatitis A, 2012	0.5	0.3	32
Hepatitis B, 2012	0.9	0.7	21
HIV Diagnosis, 2011	19.0	20.8	11

<b>Age-adjusted Mortality Rates, 2009–2013<sup>2</sup></b>	..... North Carolina Resident .....									
	Non-Hispanic							Hisp./	Male	Female
	Total	White	African Amer.	Amer. Indian	Other Races	Latino	Male			
All Causes	790.9	781.7	910.2	856.6	363.6	285.0	940.6	673.4		
Diseases of Heart	170.0	168.0	193.2	196.5	66.0	50.7	217.3	134.0		
Acute Myocardial Infarction	35.4	35.5	38.6	43.1	16.1	10.9	46.8	26.7		
Other Ischemic Heart Disease	68.7	69.2	72.5	86.0	28.1	19.3	97.0	47.8		
Cerebrovascular Disease	43.7	41.3	57.1	36.0	29.1	17.6	44.1	42.5		
Cancer	173.3	171.3	201.5	163.1	94.0	65.2	217.6	143.0		
Colon, Rectum and Anus	14.5	13.6	20.3	13.8	5.5	5.6	17.7	12.0		
Pancreas	10.6	10.2	13.6	10.5	7.1	4.2	12.4	9.1		
Trachea, Bronchus and Lung	51.6	53.0	51.6	53.1	24.3	11.0	69.7	38.3		
Breast	21.7	20.4	28.8	16.4	9.2	9.1	-	21.7		
Prostate	22.1	18.2	47.4	33.7	n/a	9.8	22.1	-		
Diabetes Mellitus	21.7	17.4	43.4	43.5	9.9	8.1	25.7	18.4		
Pneumonia and Influenza	17.9	18.3	16.9	12.0	11.3	6.6	20.5	16.2		
Chronic Lower Respiratory Diseases	46.1	50.9	28.0	40.8	9.7	8.8	52.9	42.0		
Chronic Liver Disease and Cirrhosis	9.5	10.5	7.1	11.4	3.0	4.0	13.2	6.2		
Septicemia	13.3	12.3	19.2	14.0	5.0	5.7	14.6	12.3		
Kidney Diseases	17.6	14.3	34.1	23.4	7.9	8.6	21.4	15.1		
Unintentional Motor Vehicle Injuries	13.7	13.9	14.1	25.3	5.5	10.3	20.2	7.7		
All Other Unintentional Injuries	29.3	33.9	19.7	36.1	9.8	11.6	38.7	21.3		
Suicide	12.2	15.7	4.8	11.0	5.1	3.6	19.8	5.4		
Homicide	5.8	3.2	12.9	14.8	3.3	4.8	9.0	2.5		
Alzheimer's Disease	28.9	29.8	26.3	38.9	9.2	9.9	23.0	32.0		
Acquired Immune Deficiency Syndrome	2.9	0.9	10.4	n/a	n/a	1.8	4.1	1.8		

<sup>1</sup>Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention (NCHHSTP). <sup>2</sup>North Carolina Department of Health and Human Services, Division of Public Health, State Center for Health Statistics, 2015 County Health Databook. Age-adjusted mortality rates are per 100,000 population, 2009–2013. Amer. = American. Hisp. = Hispanic. n/a indicates that data are not available due to small number of deaths. A dash ( - ) indicates that these rates are not available because they are gender-specific.

## Table 6 Health Care Resources Data

	United States	North Carolina	Number of States Higher
<b>Availability of Health Care Services<sup>1</sup></b>			
Total Physicians per 10,000 Civilian Population, 2011	27.5	<b>25.0</b>	27
Physicians in Patient Care per 10,000 Civilian Population, 2011	26.1	<b>23.8</b>	27
Hospital Beds per 1,000 Population, 2011	2.6	<b>2.4</b>	27
Hospital Beds Occupancy Rate (percent), 2011	64	<b>69</b>	8
Total Number of Nursing Homes, 2012	15,673	<b>418</b>	12
Nursing Home Beds (thousands), 2012	1,703	<b>44</b>	12
Nursing Home Residents (thousands), 2012	1,383	<b>37</b>	12
Nursing Home Occupancy Rate (percent), 2012	81.2	<b>84.7</b>	24
<b>Uninsured Population<sup>2</sup></b>			
Uninsured Total Population (percent), 2013	13.4	<b>16.5</b>	5
Uninsured Children 0–18 (percent), 2013	7.6	<b>7.8</b>	18
Uninsured Adults 19–64 (percent), 2013	18.5	<b>24.0</b>	4
Uninsured African American Adults 19–64 (percent), 2013 <sup>3</sup>	17.3	<b>17.6</b>	13
Uninsured Hispanic Adults 19–64 (percent), 2013 <sup>4</sup>	25.6	<b>42.9</b>	1
Uninsured White Adults 19–64 (percent), 2013	11.7	<b>15.1</b>	8
Low Income Children 0–18 that are Uninsured (percent), 2013 <sup>5</sup>	10.5	<b>31.7</b>	3
Low Income Nonelderly Adults that are Uninsured (percent), 2013 <sup>5,6</sup>	34.5	<b>43.7</b>	2
Nonelderly Adults Living Below 100 Percent Poverty that are Uninsured (percent), 2013 <sup>7</sup>	37.2	<b>52.1</b>	2
<b>Medicare and Medicaid<sup>2</sup></b>			
Medicare Enrollment as a Percent of Total Population, 2012	16.0	<b>16.2</b>	25
Medicaid Enrollment as a Percent of Total Population, FY2011	21.8	<b>20.2</b>	23

<sup>1</sup>Source: Health, United States 2013, Tables 101, 108, 109, 110. <sup>2</sup>Source: The Kaiser Family Foundation (KFF), State Health Facts. Estimates based on Census Bureau's March 2014 Current Population Survey Annual Social and Economic Supplements. <sup>3</sup>KFF did not report uninsured African American data for 21 states due to small numbers and/or unreliable estimates. <sup>4</sup>KFF did not report uninsured Hispanic data for 14 states due to small numbers and/or unreliable estimates. <sup>5</sup>Low income defined as under 200 percent of the Federal Poverty Level (FPL). <sup>6</sup>KFF did not report low income adult uninsured data for one state (Massachusetts) due to small numbers and/or unreliable estimates. <sup>7</sup>KFF did not report adult poverty uninsured data for seven states due to small numbers and/or unreliable estimates.

**Table 7**  
**Demographic, Economic and Health Resources Data**

<b>A. Resident Population July 1, 2013<sup>1</sup></b>													
Resident Data	Total Population	Percent Change Since 2010 Census <sup>2</sup>	Percent of Total Population in Selected Age-Race-Sex Groups										
			Gender		Age Groups				Race/Ethnicity				
			Male	Female	Under 20	Ages 20–44	Ages 45–64	Ages 65+	White	Black	American Indian	Other	Hispanic
<b>North Carolina</b>	<b>9,848,060</b>	<b>3.3</b>	<b>48.7</b>	<b>51.3</b>	<b>26.0</b>	<b>33.5</b>	<b>26.3</b>	<b>14.3</b>	<b>65.3</b>	<b>22.0</b>	<b>1.2</b>	<b>2.7</b>	<b>8.9</b>
Alamance	154,378	2.1	47.8	52.2	26.2	31.5	26.6	15.7	66.9	19.3	0.4	1.6	11.8
Alexander	36,930	-0.7	50.7	49.3	23.6	30.0	28.8	17.6	88.3	6.0	0.2	1.1	4.3
Alleghany	10,939	-1.9	49.6	50.4	20.4	25.4	30.6	23.6	87.6	1.7	0.2	0.7	9.8
Anson	26,161	-2.9	51.8	48.2	23.0	33.4	28.0	15.6	45.9	48.9	0.6	1.2	3.4
Ashe	27,151	-0.5	49.1	50.9	20.5	26.8	29.8	22.9	93.3	1.0	0.2	0.5	5.0
Avery	17,713	-0.5	54.5	45.5	18.8	33.3	28.2	19.7	89.9	4.5	0.3	0.6	4.7
Beaufort	47,464	-0.6	48.1	51.9	23.2	27.0	28.9	20.9	66.4	25.2	0.3	0.5	7.6
Bertie	20,344	-4.4	49.9	50.1	21.4	29.2	30.0	19.4	35.4	61.8	0.5	0.6	1.7
Bladen	34,843	-1.0	48.1	51.9	24.2	28.7	29.0	18.1	55.3	34.7	2.3	0.3	7.4
Brunswick	115,301	7.3	48.7	51.3	19.2	25.1	30.0	25.7	82.2	11.5	0.7	0.8	4.8
Buncombe	247,912	4.0	48.1	51.9	22.0	32.9	27.6	17.5	85.0	6.8	0.4	1.4	6.3
Burke	89,842	-1.2	50.0	50.0	23.4	29.6	29.2	17.8	83.2	7.0	0.3	3.9	5.7
Cabarrus	187,226	5.2	48.8	51.2	29.0	32.8	25.9	12.3	70.9	16.3	0.4	2.6	9.8
Caldwell	81,990	-1.3	49.4	50.6	23.6	29.7	29.4	17.2	89.0	5.2	0.2	0.7	4.9
Camden	10,187	2.1	49.8	50.2	26.5	29.3	29.6	14.7	81.2	13.6	0.4	2.3	2.5
Carteret	68,434	3.0	49.4	50.6	20.5	27.9	30.6	21.0	87.6	6.5	0.5	1.3	4.0
Caswell	23,190	-2.2	50.7	49.3	21.3	28.6	31.3	18.7	62.2	33.8	0.3	0.3	3.3
Catawba	154,810	0.3	49.1	50.9	25.6	30.5	28.0	15.9	78.0	9.0	0.2	4.0	8.7
Chatham	66,817	5.2	48.2	51.8	22.5	25.8	29.1	22.7	72.2	13.1	0.3	1.5	12.9
Cherokee	27,218	-0.8	48.7	51.3	20.3	24.0	30.3	25.5	93.1	1.7	1.6	0.7	2.8
Chowan	14,726	-0.5	47.7	52.3	23.5	25.9	29.1	21.6	61.2	34.6	0.3	0.6	3.2
Clay	10,584	0.0	49.4	50.6	19.9	23.0	29.6	27.5	94.9	1.3	0.4	0.3	3.1
Cleveland	97,047	-1.1	48.1	51.9	25.3	29.6	28.4	16.7	74.6	21.1	0.2	1.0	3.1
Columbus	57,246	-1.5	49.5	50.5	24.7	30.4	27.7	17.3	61.0	30.5	3.3	0.4	4.7
Craven	104,489	1.0	50.7	49.3	25.1	34.7	23.5	16.6	67.7	22.1	0.5	2.7	6.9
Cumberland	325,871	2.0	48.9	51.1	28.8	38.6	22.2	10.4	47.1	37.5	1.6	3.1	10.7
Currituck	24,396	3.6	49.5	50.5	24.5	29.1	31.8	14.6	88.9	6.3	0.5	0.9	3.4
Dare	35,019	3.2	49.7	50.3	21.6	28.9	31.9	17.7	89.0	3.1	0.3	0.7	6.9
Davidson	163,420	0.3	49.0	51.0	25.1	29.9	28.7	16.3	82.2	9.4	0.4	1.4	6.6
Davie	41,554	0.8	48.8	51.2	24.5	27.0	29.8	18.6	86.0	6.7	0.3	0.8	6.3
Duplin	60,084	2.7	49.3	50.7	27.4	30.8	26.4	15.4	52.8	25.1	0.4	0.5	21.2
Durham	288,133	7.7	48.0	52.0	25.4	40.3	23.7	10.6	42.8	38.4	0.4	4.9	13.5
Edgecombe	55,574	-1.7	46.5	53.5	25.9	29.5	28.3	16.4	37.6	57.7	0.3	0.3	4.0
Forsyth	361,220	3.0	47.6	52.4	26.8	32.6	26.5	14.1	58.8	26.2	0.3	2.2	12.4
Franklin	62,260	2.7	49.6	50.4	26.1	30.2	29.0	14.6	64.3	26.8	0.4	0.6	7.9
Gaston	209,420	1.6	48.4	51.6	25.7	32.0	27.6	14.7	76.0	15.9	0.4	1.5	6.2
Gates	11,650	-4.5	48.9	51.1	24.3	26.8	31.8	17.2	63.4	33.9	0.5	0.3	1.8
Graham	8,736	-1.4	49.4	50.6	23.4	26.6	28.5	21.6	89.4	0.8	6.7	0.4	2.7
Granville	58,275	-2.7	51.1	48.9	24.1	31.3	29.8	14.7	59.3	32.0	0.4	0.8	7.5
Greene	21,232	-0.6	54.3	45.7	24.0	34.1	27.8	14.1	48.1	36.2	0.5	0.4	14.8
Guilford	506,610	3.7	47.6	52.4	26.2	34.5	25.9	13.4	53.6	33.8	0.5	4.6	7.5
Halifax	53,453	-2.3	47.7	52.3	24.3	28.7	29.2	17.8	39.6	53.2	3.8	0.7	2.7
Harnett	124,987	9.0	49.4	50.6	30.5	36.0	22.7	10.9	64.1	21.8	1.0	1.4	11.7
Haywood	59,183	0.2	48.2	51.8	20.5	27.0	29.4	23.0	94.0	1.4	0.5	0.5	3.6
Henderson	109,540	2.6	48.4	51.6	21.7	26.7	27.6	24.0	85.0	3.6	0.4	1.3	9.8
Hertford	24,431	-1.0	49.1	50.9	23.8	30.4	28.8	17.1	34.7	59.8	1.2	0.7	3.7
Hoke	51,322	9.3	49.3	50.7	31.1	39.2	21.7	8.0	42.6	34.3	9.3	1.7	12.2
Hyde	5,721	-1.5	55.0	45.0	19.8	32.7	30.0	17.5	61.0	30.2	0.4	0.4	8.0
Iredell	164,517	3.2	49.3	50.7	26.6	31.1	28.1	14.2	77.8	12.3	0.3	2.4	7.2
Jackson	40,919	1.6	49.2	50.8	23.7	34.5	24.8	17.0	82.5	2.4	9.0	1.0	5.1

<sup>1</sup> National Center for Health Statistics, Bridged Population Estimates. Vintage 2013 postcensal estimates of the resident population of North Carolina.

<sup>2</sup> National Center for Health Statistics, Bridged Population Estimates. Estimates of the April 1, 2010, resident population of North Carolina compared with 2013 postcensal estimates.

**Table 7**  
**Demographic, Economic and Health Resources Data**

A. Resident Population July 1, 2013 <sup>1</sup>													
Resident Data	Total Population	Percent Change Since 2010 Census <sup>2</sup>	Percent of Total Population in Selected Age-Race-Sex Groups										
			Gender		Age Groups				Race/Ethnicity				
			Male	Female	Under 20	Ages 20-44	Ages 45-64	Ages 65+	White	Black	American Indian	Other	Hispanic
Johnston	177,967	5.4	49.2	50.8	29.2	32.8	26.2	11.8	70.0	15.6	0.4	0.8	13.2
Jones	10,215	0.6	48.4	51.6	21.6	27.1	30.3	20.9	62.6	32.1	0.6	0.5	4.2
Lee	60,266	4.1	49.0	51.0	28.4	31.7	25.5	14.4	58.8	19.7	0.5	1.1	19.9
Lenoir	58,914	-1.0	47.8	52.2	25.6	28.4	28.6	17.4	51.0	40.8	0.3	0.8	7.1
Lincoln	79,740	1.9	49.8	50.2	24.5	30.2	30.0	15.3	86.1	5.8	0.3	0.7	7.0
McDowell	44,961	-0.1	50.0	50.0	23.0	30.1	28.9	17.9	89.1	4.2	0.3	0.8	5.5
Macon	33,857	-0.2	48.5	51.5	20.8	24.7	28.7	25.9	90.2	1.8	0.5	0.8	6.7
Madison	21,022	1.2	49.5	50.5	23.0	28.8	28.9	19.3	94.9	1.9	0.3	0.5	2.5
Martin	23,699	-3.3	46.9	53.1	22.9	26.4	30.7	20.0	52.5	43.4	0.3	0.4	3.5
Mecklenburg	990,977	7.8	48.2	51.8	27.4	38.9	24.0	9.7	50.1	31.6	0.4	5.3	12.6
Mitchell	15,328	-1.6	49.1	50.9	20.3	27.1	29.9	22.7	93.8	0.8	0.3	0.4	4.7
Montgomery	27,571	-0.8	48.6	51.4	25.8	28.9	27.5	17.8	64.3	18.8	0.4	1.5	15.0
Moore	91,587	3.8	48.0	52.0	23.2	26.9	26.2	23.7	78.2	13.6	0.9	1.1	6.3
Nash	95,093	-0.8	48.3	51.7	25.5	30.1	28.6	15.7	52.7	39.2	0.6	0.9	6.6
New Hanover	213,267	5.2	48.2	51.8	23.0	36.5	25.3	15.3	77.7	14.7	0.4	1.7	5.5
Northampton	20,839	-5.7	48.2	51.8	21.5	25.5	30.7	22.3	38.8	58.5	0.5	0.2	2.0
Onslow	185,220	4.2	54.5	45.5	29.3	46.5	16.1	8.2	68.9	16.0	0.7	2.7	11.8
Orange	140,352	4.9	47.6	52.4	26.3	37.6	25.2	10.8	71.2	12.3	0.4	7.9	8.3
Pamlico	12,953	-1.5	51.2	48.8	18.6	24.9	31.5	25.1	74.6	20.7	0.6	0.7	3.5
Pasquotank	39,981	-1.7	49.0	51.0	25.4	33.6	26.0	15.0	55.6	38.1	0.4	1.5	4.4
Pender	55,334	6.0	49.9	50.1	24.6	29.9	28.8	16.7	75.0	17.5	0.5	0.7	6.3
Perquimans	13,601	1.1	48.1	51.9	22.2	25.3	28.9	23.6	72.0	24.9	0.3	0.4	2.3
Person	39,276	-0.5	48.7	51.3	24.5	28.9	29.8	16.8	67.1	27.6	0.6	0.5	4.2
Pitt	174,263	3.6	47.2	52.8	26.9	39.6	22.6	10.9	57.3	34.8	0.3	1.9	5.8
Polk	20,411	-0.5	47.8	52.2	19.6	22.3	31.0	27.0	88.8	4.8	0.3	0.5	5.6
Randolph	142,577	0.6	49.3	50.7	26.0	30.3	28.0	15.7	81.2	6.2	0.5	1.2	10.9
Richmond	46,405	-0.5	49.1	50.9	26.4	31.2	26.8	15.6	58.8	31.1	2.6	1.1	6.3
Robeson	134,841	0.5	48.5	51.5	29.3	32.9	25.2	12.5	27.4	24.8	39.0	0.8	8.0
Rockingham	91,878	-1.9	48.2	51.8	23.2	28.6	30.1	18.0	73.8	19.2	0.4	0.7	5.9
Rowan	138,323	-0.1	49.3	50.7	25.4	30.9	27.7	16.0	74.1	16.3	0.3	1.2	8.0
Rutherford	66,956	-1.3	48.3	51.7	23.6	28.3	29.2	19.0	84.8	10.4	0.3	0.6	3.9
Sampson	64,150	1.1	49.1	50.9	27.3	30.5	26.6	15.6	53.1	26.6	1.9	0.5	18.0
Scotland	36,025	-0.4	49.2	50.8	26.8	30.9	27.0	15.3	45.7	39.4	11.3	0.9	2.7
Stanly	60,635	0.1	50.0	50.0	24.4	30.5	28.0	17.1	82.4	11.5	0.3	2.0	3.9
Stokes	46,588	-1.7	48.9	51.1	22.8	27.9	30.9	18.4	92.2	4.3	0.3	0.3	2.8
Surry	73,050	-0.8	48.9	51.1	24.7	28.7	28.2	18.5	85.2	4.0	0.3	0.7	9.9
Swain	14,058	0.6	48.3	51.7	25.2	29.8	26.9	18.1	65.7	1.6	27.6	0.7	4.4
Transylvania	32,903	-0.6	48.2	51.8	19.4	24.4	28.0	28.1	91.5	4.5	0.3	0.6	3.1
Tyrrell	4,109	-6.8	53.4	46.6	20.1	32.8	28.2	18.9	53.9	36.9	0.2	2.3	6.8
Union	212,756	5.7	49.4	50.6	32.0	30.5	26.5	11.0	74.6	12.0	0.4	2.2	10.9
Vance	44,808	-1.4	46.7	53.3	26.7	30.0	27.4	15.9	41.7	50.4	0.2	0.6	7.0
Wake	974,289	8.1	48.7	51.3	28.2	37.1	25.1	9.7	62.3	21.2	0.3	6.3	10.0
Warren	20,575	-1.9	50.9	49.1	21.5	27.5	30.1	20.9	38.6	51.7	5.3	0.4	4.0
Washington	12,722	-3.8	47.3	52.7	24.0	25.3	30.3	20.3	45.9	49.3	0.1	0.5	4.3
Watauga	52,372	2.5	50.0	50.0	22.6	41.3	22.4	13.7	93.1	2.0	0.3	1.2	3.5
Wayne	124,583	1.6	49.2	50.8	26.8	33.2	26.0	14.0	55.5	32.0	0.3	1.4	10.7
Wilkes	69,023	-0.5	49.3	50.7	23.5	28.0	29.1	19.4	89.1	4.6	0.2	0.5	5.7
Wilson	81,667	0.5	47.6	52.4	26.4	30.3	27.4	16.0	49.3	39.4	0.3	1.1	10.0
Yadkin	38,038	-1.0	49.5	50.5	24.4	28.6	29.2	17.8	85.7	3.4	0.2	0.3	10.5
Yancey	17,566	-1.4	49.2	50.8	21.4	26.7	29.0	22.9	93.4	1.3	0.3	0.3	4.7

<sup>1</sup> National Center for Health Statistics, Bridged Population Estimates. Vintage 2013 postcensal estimates of the resident population of North Carolina.

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**Table 7**  
**Demographic, Economic and Health Resources Data**

<b>B. Economic and Health Resources Data</b>									
<b>Resident Data</b>	<b>Poverty and Income Statistics</b>				<b>Health Care Personnel 2012<sup>5,6</sup></b>				<b>Residents per Hospital Bed<sup>9</sup></b>
	<b>Median Household Income, 2012<sup>3</sup></b>	<b>Percent Below Poverty, 2012: All Ages<sup>3</sup></b>	<b>Percent Below Poverty, 2012: Ages 0–17<sup>3</sup></b>	<b>Percent Uninsured (Age &lt;65 years), 2012<sup>4</sup></b>	<b>Persons per Primary Care Physician<sup>7</sup></b>	<b>Persons per Dentist</b>	<b>Persons per Registered Nurse<sup>8</sup></b>	<b>Persons per Psychologist</b>	
<b>North Carolina</b>	<b>\$45,195</b>	<b>18.0</b>	<b>25.8</b>	<b>19.0</b>	<b>1,319</b>	<b>2,219</b>	<b>100</b>	<b>4,650</b>	<b>471</b>
Alamance	41,394	19.5	29.2	20.3	1,444	2,155	139	17,003	848
Alexander	39,655	17.1	25.0	19.4	3,399	6,232	343	18,695	1,477
Alleghany	34,046	21.0	34.7	26.9	1,371	5,486	244	-	267
Anson	32,339	26.8	36.6	18.7	2,421	6,657	226	8,875	503
Ashe	34,080	20.2	31.0	24.2	1,710	4,560	209	5,472	357
Avery	34,727	22.7	32.4	26.2	2,538	2,538	135	17,764	590
Beaufort	38,256	19.0	30.3	20.1	1,842	2,818	117	47,901	299
Bertie	30,414	27.0	37.8	17.4	4,133	20,665	191	20,665	3,391
Bladen	32,766	25.5	35.0	23.0	1,853	5,867	212	35,200	726
Brunswick	48,624	15.8	30.1	20.4	2,252	3,128	208	18,766	1,048
Buncombe	43,146	17.7	26.0	20.4	827	1,574	56	1,754	364
Burke	38,581	19.1	27.2	20.7	1,500	2,499	90	3,599	307
Cabarrus	55,531	13.2	18.9	17.6	987	2,868	97	10,198	419
Caldwell	35,127	20.4	28.6	18.4	1,967	4,130	193	27,535	745
Camden	53,563	9.7	14.5	15.5	-	-	584	-	-
Carteret	48,930	15.4	26.4	20.4	1,709	1,455	125	6,215	507
Caswell	39,615	20.8	30.6	18.7	2,610	7,831	452	23,492	-
Catawba	42,080	18.5	28.9	19.3	1,234	2,254	78	8,639	379
Chatham	55,371	12.7	20.3	19.5	2,295	3,697	283	8,318	2,673
Cherokee	31,370	25.1	37.6	21.6	1,689	3,379	116	5,406	478
Chowan	37,458	20.8	31.8	18.2	1,053	2,457	92	14,743	301
Clay	36,871	18.5	33.1	22.4	2,630	2,104	215	-	-
Cleveland	38,265	22.9	35.6	18.2	1,416	2,714	94	48,851	310
Columbus	33,765	25.3	35.0	21.3	1,995	6,429	133	57,862	372
Craven	47,087	16.4	25.9	18.1	1,481	2,390	103	7,513	340
Cumberland	45,110	17.0	25.4	17.1	1,583	2,250	113	5,513	665
Currituck	54,822	12.5	20.2	17.9	5,942	5,942	377	-	-
Dare	51,900	10.7	20.1	20.7	1,289	1,741	153	17,405	1,668
Davidson	43,824	16.5	25.0	18.5	2,476	6,285	215	32,682	838
Davie	49,984	12.8	19.1	18.1	2,180	2,958	294	41,412	513
Duplin	36,075	23.6	32.6	26.4	2,730	5,460	207	60,059	1,073
Durham	50,889	19.3	27.6	19.8	663	1,464	43	1,005	229
Edgecombe	32,002	28.1	45.7	17.9	3,505	6,232	174	56,085	550
Forsyth	43,049	21.2	32.4	19.5	819	1,913	53	4,020	219
Franklin	42,346	16.7	24.2	20.9	4,417	7,730	329	61,840	889
Gaston	41,614	17.8	27.3	19.4	1,381	2,674	128	23,176	563
Gates	44,273	17.4	26.3	17.1	11,830	11,830	592	-	-
Graham	32,883	22.5	33.8	22.0	2,213	4,425	268	-	-
Granville	46,303	19.9	25.0	18.7	1,419	2,987	78	962	940
Greene	35,050	27.1	35.9	23.4	2,374	3,561	240	21,363	-
Guilford	43,299	18.1	25.3	19.5	1,182	1,840	85	4,524	467
Halifax	31,253	29.2	43.1	18.7	1,595	4,172	125	13,559	262
Harnett	44,998	18.9	26.3	19.8	2,756	5,272	305	40,421	828
Haywood	40,022	16.1	27.7	18.9	1,348	2,196	132	11,858	387
Henderson	45,168	14.2	23.0	21.7	1,151	2,121	106	9,835	417
Hertford	31,861	30.5	38.9	19.7	1,528	3,493	74	24,451	284
Hoke	44,717	20.7	28.0	22.4	5,004	6,255	410	50,036	6,415
Hyde	35,301	24.3	31.8	24.6	5,742	-	205	-	-
Iredell	49,666	14.4	20.0	18.6	1,226	1,853	105	23,292	388
Jackson	37,049	22.4	29.7	25.8	1,275	2,549	113	2,266	476

<sup>3</sup> U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE), published December 2013.

<sup>4</sup> U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE), published March 2014.

<sup>5</sup> Cecil B. Sheps Center for Health Services Research, 2012 North Carolina Health Professionals Data System

<sup>6</sup> A dash (-) indicates that county had no resources of the type stated. Practitioners are by county of practice and include those who are licensed and active as well as those with unknown activity status as of Oct. 31, 2012. Inactives are excluded.

<sup>7</sup> Primary care physicians include licensed physicians who report a primary specialty of Family Practice, General Practice, Internal Medicine, Obstetrics/Gynecology or Pediatrics.

<sup>8</sup> Nurse practitioners and certified nurse midwives are included in counts of registered nurses.

<sup>9</sup> Defined as "general acute care beds" in non-federal facilities which are designated for short-stay use. Excluded are beds in service for dedicated clinical research, substance abuse, psychiatry, rehabilitation, hospice, and long-term care. A dash (-) indicates that there were no general acute care hospital beds available in that county.

**Table 7**  
**Demographic, Economic and Health Resources Data**

<b>B. Economic and Health Resources Data</b>									
<b>Resident Data</b>	<b>Poverty and Income Statistics</b>				<b>Health Care Personnel 2012<sup>5,6</sup></b>				<b>Residents per Hospital Bed<sup>9</sup></b>
	<b>Median Household Income, 2012<sup>3</sup></b>	<b>Percent Below Poverty, 2012: All Ages<sup>3</sup></b>	<b>Percent Below Poverty, 2012: Ages 0–17<sup>3</sup></b>	<b>Percent Uninsured (Age &lt;65 years), 2012<sup>4</sup></b>	<b>Persons per Primary Care Physician<sup>7</sup></b>	<b>Persons per Dentist</b>	<b>Persons per Registered Nurse<sup>8</sup></b>	<b>Persons per Psychologist</b>	
Johnston	48,773	16.8	24.9	21.1	2,820	4,601	242	34,968	994
Jones	35,159	20.1	33.2	21.2	1,327	3,538	231	-	-
Lee	43,424	17.8	27.8	21.7	1,343	2,570	158	19,704	475
Lenoir	35,634	23.6	36.6	20.6	1,563	2,700	99	9,900	270
Lincoln	47,799	14.6	21.7	18.3	1,933	2,831	195	26,422	790
McDowell	36,584	20.2	30.4	19.4	1,133	3,399	131	-	692
Macon	36,438	20.4	34.6	25.6	731	1,413	94	7,064	408
Madison	37,644	19.9	29.7	19.2	2,184	6,005	364	8,007	-
Martin	33,159	24.7	40.1	19.2	4,117	9,058	290	-	484
Mecklenburg	55,392	16.1	22.3	18.3	1,080	1,539	86	3,621	483
Mitchell	36,210	20.0	29.3	18.0	1,100	2,566	77	7,698	333
Montgomery	35,272	23.6	34.9	23.6	5,583	6,979	307	9,305	745
Moore	49,670	16.0	26.5	18.2	1,031	1,512	67	6,479	294
Nash	40,937	20.8	29.4	19.0	1,592	2,171	92	19,107	352
New Hanover	50,890	15.9	22.3	18.5	972	1,355	71	2,800	330
Northampton	31,217	31.8	48.0	17.3	5,379	21,514	359	21,514	-
Onslow	44,263	14.9	20.4	16.9	2,449	3,674	180	5,619	1,143
Orange	53,026	16.4	15.3	14.7	481	962	39	654	194
Pamlico	41,004	17.3	31.8	19.3	2,198	2,638	259	13,190	-
Pasquotank	43,935	17.8	28.4	18.5	1,109	3,631	91	3,994	220
Pender	43,318	19.3	27.0	21.1	3,022	3,199	267	27,195	1,287
Perquimans	42,494	17.8	31.2	18.5	4,553	6,830	471	-	-
Person	42,546	16.2	23.8	17.9	2,450	3,563	220	-	786
Pitt	39,343	24.0	29.9	18.7	810	2,213	48	3,836	226
Polk	41,719	18.3	29.5	20.6	1,559	2,251	147	3,377	454
Randolph	41,815	17.9	27.8	21.6	2,377	3,565	223	71,297	983
Richmond	30,726	24.6	36.3	21.4	2,011	4,205	138	-	303
Robeson	29,965	34.7	47.8	26.3	1,948	5,601	143	67,217	462
Rockingham	37,577	19.1	27.6	18.8	2,111	3,715	232	23,218	421
Rowan	40,400	19.2	27.2	20.7	2,063	2,711	116	4,189	681
Rutherford	34,193	18.2	28.8	19.4	2,342	3,774	145	11,322	519
Sampson	37,420	21.9	31.2	23.2	1,688	5,346	193	-	553
Scotland	31,704	30.7	46.8	20.2	1,212	5,195	110	-	371
Stanly	42,816	17.2	25.4	17.8	1,833	3,780	138	60,477	625
Stokes	42,272	17.8	25.1	17.8	5,230	6,724	312	-	879
Surry	36,934	18.6	26.6	22.0	1,229	3,072	114	73,718	404
Swain	36,280	20.9	32.3	24.2	2,416	2,899	113	-	293
Transylvania	40,642	15.8	29.7	20.9	1,139	3,302	136	6,604	783
Tyrrell	30,728	28.9	39.7	24.6	-	-	379	-	-
Union	61,260	11.6	15.6	16.6	2,362	3,712	215	23,097	1,355
Vance	34,371	25.8	39.7	19.9	1,423	3,794	144	45,530	492
Wake	64,107	11.6	15.4	15.1	1,166	1,439	95	2,814	722
Warren	33,068	25.4	35.5	21.8	10,337	4,135	481	20,674	-
Washington	32,545	27.4	43.0	17.3	3,205	6,411	207	-	260
Watauga	38,563	29.5	22.2	20.6	1,382	1,591	124	1,811	361
Wayne	38,776	23.4	35.1	20.1	1,735	2,498	109	7,348	489
Wilkes	35,362	19.9	28.3	21.6	1,701	3,875	159	-	575
Wilson	37,440	23.8	36.7	20.9	2,153	3,146	114	11,685	301
Yadkin	40,012	19.3	31.2	20.1	2,550	5,464	403	-	1,729
Yancey	36,019	20.3	31.0	20.6	1,625	4,469	255	-	-

<sup>3</sup> U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE), published December 2013.

<sup>4</sup> U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE), published March 2014.

<sup>5</sup> Cecil B. Sheps Center for Health Services Research, 2012 North Carolina Health Professionals Data System

<sup>6</sup> A dash (-) indicates that county had no resources of the type stated. Practitioners are by county of practice and include those who are licensed and active as well as those with unknown activity status as of Oct. 31, 2012. Inactives are excluded.

<sup>7</sup> Primary care physicians include licensed physicians who report a primary specialty of Family Practice, General Practice, Internal Medicine, Obstetrics/Gynecology or Pediatrics.

<sup>8</sup> Nurse practitioners and certified nurse midwives are included in counts of registered nurses.

<sup>9</sup> Defined as "general acute care beds" in non-federal facilities which are designated for short-stay use. Excluded are beds in service for dedicated clinical research, substance abuse, psychiatry, rehabilitation, hospice, and long-term care. A dash (-) indicates that there were no general acute care hospital beds available in that county.

**Table 7**  
**Demographic, Economic and Health Resources Data**

<b>C. Medicaid and Birth Statistics</b>					
<b>Resident Data</b>	<b>SFY2013 — Medicaid Statistics:</b>			<b>2012 — Percent of Births to:</b>	
	<b>Percent of Total Population Enrolled<sup>10</sup></b>	<b>Per Capita Expenditure<sup>10</sup></b>	<b>Expenditure per Medicaid Enrollee<sup>10</sup></b>	<b>Medicaid Mothers<sup>11</sup></b>	<b>WIC Mothers<sup>12</sup></b>
<b>North Carolina</b>	<b>21.9</b>	<b>\$1,090</b>	<b>\$4,973</b>	<b>55.9</b>	<b>46.3</b>
Alamance	22.4	1,102	4,919	66.0	55.8
Alexander	21.6	1,033	4,772	66.3	47.7
Alleghany	24.8	1,487	6,001	78.4	63.6
Anson	29.5	1,810	6,134	83.6	72.5
Ashe	23.1	1,397	6,050	68.8	58.2
Avery	21.6	1,136	5,247	71.3	60.1
Beaufort	27.2	1,533	5,640	71.3	64.2
Bertie	32.2	1,975	6,123	79.9	72.6
Bladen	31.2	1,813	5,810	77.6	69.5
Brunswick	20.3	994	4,887	56.8	47.0
Buncombe	21.5	1,152	5,350	60.0	46.5
Burke	24.2	1,323	5,468	75.7	59.6
Cabarrus	20.1	825	4,113	53.5	40.9
Caldwell	25.5	1,282	5,034	74.2	62.1
Camden	15.2	721	4,730	27.7	26.5
Carteret	17.9	963	5,387	52.6	46.9
Caswell	25.5	1,326	5,196	66.2	47.1
Catawba	22.8	1,072	4,695	68.2	51.4
Chatham	15.2	749	4,928	53.6	43.6
Cherokee	25.3	1,586	6,263	74.5	67.8
Chowan	27.2	1,489	5,477	66.0	52.1
Clay	24.7	1,336	5,421	70.2	59.5
Cleveland	29.7	1,723	5,812	73.1	64.0
Columbus	33.4	1,929	5,774	81.1	66.6
Craven	19.6	1,030	5,264	39.1	53.5
Cumberland	23.7	1,113	4,698	39.1	51.3
Currituck	15.0	649	4,320	43.1	26.8
Dare	16.7	695	4,165	59.2	43.1
Davidson	23.2	1,049	4,521	65.7	53.9
Davie	18.4	1,004	5,469	58.8	43.7
Duplin	26.8	1,231	4,591	76.9	58.0
Durham	21.1	1,046	4,962	50.9	37.3
Edgecombe	37.6	1,920	5,111	84.2	75.6
Forsyth	21.9	1,028	4,688	62.8	50.9
Franklin	23.2	1,110	4,792	62.6	42.3
Gaston	26.0	1,405	5,399	66.1	49.5
Gates	19.6	1,020	5,194	40.9	22.7
Graham	30.4	1,833	6,035	78.1	77.1
Granville	20.4	985	4,816	61.3	47.4
Greene	26.0	1,354	5,203	76.6	60.1
Guilford	20.8	1,014	4,865	58.3	43.9
Halifax	35.3	2,003	5,668	79.7	72.4
Harnett	22.4	1,039	4,639	47.8	42.1
Haywood	23.7	1,352	5,711	66.6	56.3
Henderson	19.3	1,031	5,347	61.7	37.5
Hertford	30.4	1,767	5,813	75.0	59.5
Hoke	24.8	1,118	4,505	41.4	40.8
Hyde	24.1	1,367	5,673	59.2	51.0
Iredell	18.6	897	4,817	55.8	44.2
Jackson	19.6	1,036	5,290	74.9	62.1

<sup>10</sup> Source: North Carolina Division of Medical Assistance. State Fiscal Year 2013 Annual Report: Table 7.

<sup>11</sup> Measured by mother's enrollment in Medicaid at the time of delivery. Source: North Carolina State Center for Health Statistics.

<sup>12</sup> Percent of deliveries where mother received WIC during the prenatal period. Source: North Carolina State Center for Health Statistics.

**Table 7**  
**Demographic, Economic and Health Resources Data**

<b>C. Medicaid and Birth Statistics</b>					
<b>Resident Data</b>	<b>SFY2013 — Medicaid Statistics:</b>			<b>2012 — Percent of Births to:</b>	
	<b>Percent of Total Population Enrolled<sup>10</sup></b>	<b>Per Capita Expenditure<sup>10</sup></b>	<b>Expenditure per Medicaid Enrollee<sup>10</sup></b>	<b>Medicaid Mothers<sup>11</sup></b>	<b>WIC Mothers<sup>12</sup></b>
Johnston	23.8	1,062	4,455	58.8	42.0
Jones	24.8	1,475	5,943	60.7	65.2
Lee	26.0	1,170	4,493	64.3	56.1
Lenoir	30.8	1,672	5,430	80.7	62.9
Lincoln	19.4	1,058	5,456	57.2	49.1
McDowell	27.6	1,483	5,368	72.7	63.6
Macon	23.9	1,163	4,874	72.8	64.2
Madison	25.9	1,465	5,659	66.8	57.4
Martin	30.7	1,819	5,929	74.7	63.5
Mecklenburg	20.5	905	4,423	49.3	33.9
Mitchell	25.9	1,621	6,262	65.1	54.8
Montgomery	30.3	1,343	4,433	81.6	66.0
Moore	18.2	922	5,081	51.5	42.1
Nash	26.7	1,308	4,894	71.4	60.3
New Hanover	17.7	988	5,572	51.5	42.4
Northampton	32.6	1,915	5,881	83.9	70.6
Onslow	15.1	661	4,380	21.3	44.8
Orange	11.7	693	5,942	43.1	32.0
Pamlico	20.6	1,234	5,977	68.4	60.2
Pasquotank	24.6	1,159	4,716	49.3	42.0
Pender	23.4	1,136	4,856	54.1	44.2
Perquimans	23.3	1,246	5,358	58.7	52.4
Person	23.9	1,382	5,793	67.1	59.6
Pitt	21.2	1,182	5,587	57.5	45.8
Polk	18.4	1,129	6,152	63.4	50.4
Randolph	24.4	1,140	4,679	68.7	55.4
Richmond	35.7	1,821	5,105	83.7	72.3
Robeson	39.1	2,100	5,369	82.8	63.1
Rockingham	25.6	1,407	5,488	71.4	58.6
Rowan	25.6	1,190	4,652	67.6	50.6
Rutherford	27.0	1,413	5,239	76.9	70.0
Sampson	32.5	1,489	4,575	80.7	58.0
Scotland	36.9	1,955	5,303	81.1	75.8
Stanly	23.2	1,227	5,289	65.0	54.4
Stokes	20.0	1,093	5,457	59.7	44.2
Surry	26.4	1,336	5,065	71.0	54.5
Swain	32.2	1,781	5,532	82.5	68.0
Transylvania	20.0	1,081	5,400	70.1	48.4
Tyrrell	25.2	1,427	5,670	72.2	58.3
Union	15.5	650	4,206	48.6	32.2
Vance	37.8	2,042	5,400	82.7	64.5
Wake	13.7	617	4,501	38.1	30.9
Warren	30.8	1,772	5,752	85.7	76.8
Washington	33.3	1,858	5,575	87.2	75.2
Watauga	10.1	576	5,691	49.7	43.7
Wayne	27.1	1,236	4,567	65.3	62.1
Wilkes	24.9	1,409	5,657	71.4	57.5
Wilson	27.8	1,514	5,440	70.2	60.7
Yadkin	22.4	1,212	5,415	67.3	57.6
Yancey	25.8	1,560	6,041	70.7	55.2

<sup>10</sup> Source: North Carolina Division of Medical Assistance. State Fiscal Year 2013 Annual Report: Table 7.

<sup>11</sup> Measured by mother's enrollment in Medicaid at the time of delivery. Source: North Carolina State Center for Health Statistics.

<sup>12</sup> Percent of deliveries where mother received WIC during the prenatal period. Source: North Carolina State Center for Health Statistics.

**Table 8**  
**Selected Health Indicators**

<b>A. Pregnancy and Birth Statistics</b>										
<b>Resident Data</b>	<b>Birth, Abortion and Pregnancy Rates, 2011–2013</b>				<b>Live Birth Percentages, 2011–2013</b>					
	<b>Birth Rate<sup>1</sup></b>	<b>Abortion Rate<sup>2</sup></b>	<b>Teen Pregnancy Rate<sup>3</sup></b>	<b>Repeat Teen Pregnancy Rate<sup>4</sup></b>	<b>Preterm<sup>5</sup></b>	<b>Low Birthweight<sup>6</sup></b>	<b>Very Low Birthweight<sup>7</sup></b>	<b>Late or No Prenatal Care<sup>8</sup></b>	<b>Mother Smoked<sup>9</sup></b>	<b>C-Section<sup>10</sup></b>
<b>North Carolina</b>	<b>61.0</b>	<b>10.7</b>	<b>39.5</b>	<b>25.0</b>	<b>11.7</b>	<b>8.9</b>	<b>1.7</b>	<b>27.4</b>	<b>10.6</b>	<b>30.4</b>
Alamance	56.2	10.3	36.9	22.7	12.8	9.2	1.7	31.2	14.8	29.4
Alexander	56.5	3.4	40.4	16.4	12.3	8.5	2.1	24.0	18.4	34.0
Alleghany	53.6	2.6	40.3	27.0	15.0	9.8	2.3	29.3	20.3	37.2
Anson	58.9	9.9	56.6	29.4	12.4	12.3	1.6	39.9	18.6	33.2
Ashe	58.5	2.6	47.2	28.3	13.1	8.1	1.5	19.7	20.7	35.7
Avery	52.4	3.6	24.1	5.1	10.8	6.2	1.4	19.0	16.0	34.1
Beaufort	62.9	7.1	51.2	26.8	13.0	8.5	2.0	20.2	13.6	35.7
Bertie	57.1	10.7	48.5	25.8	16.0	11.5	1.6	26.6	9.2	32.6
Bladen	57.8	8.5	45.1	20.3	15.2	10.4	2.8	31.3	16.8	36.9
Brunswick	60.7	7.6	41.4	21.0	10.9	8.2	1.5	30.6	14.5	30.0
Buncombe	55.1	9.9	35.4	17.2	11.8	7.8	1.5	18.3	3.4	29.8
Burke	54.6	4.7	42.9	23.5	11.2	7.2	1.2	32.7	19.5	34.2
Cabarrus	61.4	7.8	32.9	19.2	11.8	8.6	1.6	32.8	10.6	33.8
Caldwell	54.4	3.4	49.4	21.5	10.6	8.3	1.6	24.8	22.8	30.1
Camden	47.2	8.3	21.5	31.8	13.7	9.5	1.9	15.2	8.7	33.5
Carteret	57.7	7.5	34.1	24.6	12.7	8.2	1.4	23.8	18.8	36.3
Caswell	60.0	9.0	35.0	22.1	10.9	9.2	1.4	22.0	15.4	29.5
Catawba	61.1	6.3	44.6	25.0	11.1	9.0	1.5	26.6	15.8	28.5
Chatham	59.9	8.1	31.8	25.2	11.0	8.5	1.8	32.0	8.9	27.9
Cherokee	55.3	2.9	39.8	16.9	13.9	9.4	1.8	15.8	25.6	31.1
Chowan	67.7	9.1	56.3	28.6	16.3	11.0	1.7	36.2	16.3	36.4
Clay	56.4	2.2	33.5	11.5	6.8	5.2	0.4	13.9	28.7	26.7
Cleveland	58.9	6.3	47.2	25.0	12.2	9.4	1.9	28.4	23.2	31.0
Columbus	64.1	10.2	55.9	22.3	13.5	10.8	2.0	40.8	17.0	34.2
Craven	82.6	9.6	55.2	23.7	11.2	7.9	1.5	23.5	10.4	28.8
Cumberland	79.4	20.1	55.4	25.9	12.9	9.4	1.9	20.7	12.0	26.6
Currituck	53.9	10.8	42.6	25.5	6.9	4.7	0.6	14.6	9.8	33.9
Dare	63.8	14.6	39.3	24.5	9.4	5.8	1.1	22.7	9.9	37.9
Davidson	57.4	4.9	40.2	28.4	11.5	9.4	1.8	22.8	18.6	34.4
Davie	54.3	4.1	32.8	22.8	12.2	8.7	1.4	16.2	13.2	29.9
Duplin	69.1	9.3	51.8	27.0	11.0	7.3	1.8	27.9	8.8	31.0
Durham	62.9	15.7	43.6	29.9	11.9	9.0	1.9	42.8	5.9	29.7
Edgecombe	61.2	13.6	67.4	27.6	16.7	11.8	2.5	39.4	17.6	32.2
Forsyth	62.1	9.5	39.1	23.7	12.3	10.5	2.3	18.1	8.0	26.8
Franklin	59.7	10.8	34.7	24.6	12.7	9.3	1.8	38.7	13.6	28.8
Gaston	61.5	6.9	43.0	22.9	12.0	9.5	2.0	28.8	21.3	32.8
Gates	52.2	9.3	41.5	21.3	11.0	9.1	1.6	15.0	9.7	26.0
Graham	65.4	2.3	55.6	25.0	12.2	11.1	1.1	20.8	34.1	24.4
Granville	53.7	11.9	39.8	16.0	11.1	8.0	1.9	35.9	13.7	30.3
Greene	64.3	9.7	55.3	26.0	13.5	10.2	2.1	23.1	12.2	27.5
Guilford	55.9	12.5	33.4	24.4	11.0	9.5	2.0	27.4	7.5	30.3
Halifax	60.7	13.7	58.8	27.4	16.7	11.9	2.1	27.4	14.7	33.1
Harnett	68.4	10.8	41.7	25.1	11.7	8.2	1.6	27.8	12.6	29.6
Haywood	58.2	4.9	45.9	26.1	12.5	8.8	1.6	22.0	20.9	30.2
Henderson	61.8	6.4	43.1	21.7	10.5	7.0	1.0	18.3	10.7	33.0
Hertford	55.3	13.2	43.4	22.3	18.2	13.2	3.3	20.8	9.7	34.5
Hoke	83.4	12.2	54.4	26.5	14.8	10.0	2.0	22.2	10.9	26.3
Hyde	64.7	7.7	51.0	19.0	10.7	8.8	5.0	22.6	15.1	40.9
Iredell	56.6	7.1	36.4	25.9	11.5	8.5	1.6	32.1	12.3	34.2
Jackson	42.7	6.1	25.9	29.3	10.7	6.3	1.5	20.9	22.4	25.7

<sup>1</sup> Live births per 1,000 females ages 15–44. Source: North Carolina State Center for Health Statistics (SCHS).

<sup>2</sup> Legal induced abortions per 1,000 females 15–44. Source: North Carolina SCHS.

<sup>3</sup> Pregnancies (reported abortions, fetal deaths and live births) per 1,000 females ages 15–19. Source: North Carolina SCHS.

<sup>4</sup> Pregnancies (reported abortions, fetal deaths and live births) among women ages 15–19 that were not their first pregnancy. Source: North Carolina SCHS.

<sup>5</sup> Births that occurred at less than 37 weeks calculated gestation. Source: North Carolina SCHS.

<sup>6</sup> Infants born weighing 5 lbs. 8 ozs. or less (<2500 grams). Source: North Carolina SCHS.

<sup>7</sup> Infants born weighing 3 lbs. 5 ozs. or less (<1500 grams). Source: North Carolina SCHS.

<sup>8</sup> Late care defined as first prenatal care visit after third month of pregnancy. Source: North Carolina SCHS.

<sup>9</sup> Births where maternal smoking was reported during any trimester of pregnancy, as reported on birth certificate. Source: North Carolina SCHS.

<sup>10</sup> Primary or repeat C-section listed as method of delivery. Source: North Carolina SCHS.

**Table 8**  
**Selected Health Indicators**

A. Pregnancy and Birth Statistics										
Resident Data	Birth, Abortion and Pregnancy Rates, 2011–2013				Live Birth Percentages, 2011–2013					
	Birth Rate <sup>1</sup>	Abortion Rate <sup>2</sup>	Teen Pregnancy Rate <sup>3</sup>	Repeat Teen Pregnancy Rate <sup>4</sup>	Preterm <sup>5</sup>	Low Birthweight <sup>6</sup>	Very Low Birthweight <sup>7</sup>	Late or No Prenatal Care <sup>8</sup>	Mother Smoked <sup>9</sup>	C-Section <sup>10</sup>
Johnston	63.5	8.5	43.3	24.0	10.4	7.7	1.5	25.1	9.8	30.5
Jones	61.3	13.2	32.7	29.6	9.9	9.9	3.3	23.8	14.5	36.6
Lee	71.5	12.5	57.3	28.4	13.2	10.4	1.6	40.8	14.3	26.2
Lenoir	63.4	12.1	52.9	31.4	12.8	10.7	1.9	40.5	16.0	34.8
Lincoln	52.7	4.8	34.9	23.7	11.5	8.2	1.5	29.0	16.6	38.0
McDowell	58.9	3.6	46.8	16.9	11.9	8.6	1.5	23.4	21.6	38.5
Macon	66.9	4.8	44.6	20.5	9.9	6.7	1.4	21.0	20.4	27.9
Madison	51.4	5.8	35.6	13.3	10.7	7.2	1.6	18.7	6.5	31.7
Martin	59.4	9.2	46.5	27.4	16.7	13.2	2.2	20.3	15.0	33.5
Mecklenburg	61.4	15.2	36.4	26.3	11.6	9.4	1.7	25.5	3.9	32.2
Mitchell	58.8	5.1	46.4	32.0	10.6	9.9	1.2	19.8	17.9	35.1
Montgomery	65.7	5.2	70.8	20.4	10.1	8.3	1.1	39.5	13.7	29.9
Moore	65.9	9.8	37.7	21.2	11.2	8.7	1.8	36.3	12.8	28.1
Nash	62.2	14.3	48.5	26.3	10.8	9.0	2.2	34.8	13.4	24.0
New Hanover	49.3	12.0	27.1	26.7	11.0	7.8	1.4	27.4	7.6	26.1
Northampton	58.1	14.6	51.6	23.7	16.4	11.6	3.4	28.1	11.6	33.5
Onslow	110.6	12.5	73.3	27.1	8.8	6.8	1.4	21.5	7.8	27.1
Orange	36.8	8.3	12.4	25.0	9.6	7.0	1.4	28.2	6.6	24.9
Pamlico	49.9	7.9	43.3	30.2	10.5	8.6	1.9	27.4	20.7	26.7
Pasquotank	59.8	12.6	36.5	19.6	11.7	8.8	1.5	25.9	9.1	32.6
Pender	62.2	7.9	37.2	22.5	11.9	8.9	1.3	31.5	9.8	24.1
Perquimans	62.6	8.3	32.9	24.3	13.2	7.2	1.5	25.7	12.5	37.2
Person	57.6	11.9	50.3	27.9	10.5	8.0	1.7	38.9	19.0	28.7
Pitt	48.7	10.8	32.6	26.3	14.0	9.7	2.4	16.8	10.6	29.5
Polk	48.0	4.7	26.8	15.9	12.1	8.4	0.7	21.4	15.5	31.8
Randolph	61.0	6.0	47.5	24.4	10.8	7.9	1.4	36.7	14.0	31.5
Richmond	63.7	9.1	66.8	23.2	12.8	11.7	2.5	39.4	22.6	36.5
Robeson	67.8	10.9	63.8	26.4	14.9	11.6	2.4	39.9	19.2	31.7
Rockingham	56.7	6.1	44.7	26.0	11.1	9.7	1.9	16.8	19.3	30.1
Rowan	60.2	7.1	41.5	27.9	11.4	8.8	1.8	34.9	18.7	31.4
Rutherford	58.2	5.2	48.9	19.2	10.0	8.9	1.6	22.0	22.6	31.4
Sampson	72.3	8.6	59.6	26.6	12.9	8.8	1.7	28.1	13.1	37.0
Scotland	67.1	11.3	69.7	25.5	14.6	12.8	2.3	24.9	19.6	37.6
Stanly	58.8	6.0	43.4	26.6	11.8	9.1	1.8	26.4	15.3	33.7
Stokes	48.4	3.9	29.9	19.7	11.2	9.1	1.4	14.2	21.3	27.4
Surry	59.6	3.2	41.4	28.1	11.5	8.2	1.5	22.1	21.9	30.2
Swain	77.2	6.3	70.8	19.4	12.4	7.4	1.5	27.7	27.0	23.3
Transylvania	53.8	5.0	28.1	15.8	11.0	8.2	1.4	16.3	17.4	30.0
Tyrrell	71.7	6.8	46.4	30.8	8.7	15.1	0.0	31.7	19.8	36.5
Union	57.0	6.4	24.5	22.3	10.6	7.8	1.1	30.3	8.0	31.7
Vance	66.2	11.5	60.8	28.2	16.0	12.7	2.7	44.5	14.3	30.2
Wake	58.0	12.8	25.1	25.9	10.5	8.2	1.7	29.3	3.3	29.7
Warren	57.0	13.1	50.7	27.1	15.9	13.5	2.3	36.4	15.7	28.5
Washington	62.1	8.6	38.9	21.7	14.8	8.6	2.2	36.7	14.8	30.5
Watauga	25.9	4.4	8.9	19.0	9.4	5.7	0.6	16.4	8.8	32.0
Wayne	72.1	11.7	55.3	28.9	10.8	8.5	1.7	32.3	10.6	32.9
Wilkes	57.8	2.6	46.8	23.4	12.0	8.5	1.7	20.4	22.3	36.0
Wilson	61.2	13.4	52.7	29.7	14.6	11.3	2.3	34.5	10.0	27.4
Yadkin	60.4	5.1	39.8	21.7	14.7	11.0	2.2	19.2	18.3	29.4
Yancey	59.6	3.7	54.0	16.5	11.5	7.6	1.2	20.1	18.3	33.4

<sup>1</sup> Live births per 1,000 females ages 15–44. Source: North Carolina State Center for Health Statistics (SCHS).  
<sup>2</sup> Legal induced abortions per 1,000 females 15–44. Source: North Carolina SCHS.  
<sup>3</sup> Pregnancies (reported abortions, fetal deaths and live births) per 1,000 females ages 15–19. Source: North Carolina SCHS.  
<sup>4</sup> Pregnancies (reported abortions, fetal deaths and live births) among women ages 15–19 that were not their first pregnancy. Source: North Carolina SCHS.  
<sup>5</sup> Births that occurred at less than 37 weeks calculated gestation. Source: North Carolina SCHS.  
<sup>6</sup> Infants born weighing 5 lbs. 8 ozs. or less (<2500 grams). Source: North Carolina SCHS.  
<sup>7</sup> Infants born weighing 3 lbs. 5 ozs. or less (<1500 grams). Source: North Carolina SCHS.  
<sup>8</sup> Late care defined as first prenatal care visit after third month of pregnancy. Source: North Carolina SCHS.  
<sup>9</sup> Births where maternal smoking was reported during any trimester of pregnancy, as reported on birth certificate. Source: North Carolina SCHS.  
<sup>10</sup> Primary or repeat C-section listed as method of delivery. Source: North Carolina SCHS.

**Table 8**  
**Selected Health Indicators**

<b>B. Mortality and Morbidity Statistics</b>																		
Resident Data	Perinatal and Infant Mortality, 2009–2013					Age-specific Death Rates per 100,000 Population, 2009–2013				Age-adjusted Death Rates per 100,000 Population for Select Causes, 2009–2013 <sup>16</sup>				Age-adjusted Cancer Incidence Rates per 100,000 Population, 2008–2012 <sup>17</sup>				
	Perinatal Rate <sup>11</sup>	Fetal Rate <sup>12</sup>	Neonatal Rate <sup>13</sup>	Postneonatal Rate <sup>14</sup>	Infant Rate <sup>15</sup>	Total Rate	Ages 1–17	Ages 18–64	Ages 65+	Cancer	Heart Disease	Stroke	Violent Causes	All Cancer Types	Female Breast	Lung/ Bronchus	Colon/ Rectum	Prostate
<b>North Carolina</b>	<b>11.6</b>	<b>6.6</b>	<b>5.0</b>	<b>2.3</b>	<b>7.3</b>	<b>83.0</b>	<b>2.1</b>	<b>35.7</b>	<b>440.4</b>	<b>173.3</b>	<b>170.0</b>	<b>43.7</b>	<b>62.7</b>	<b>488.9</b>	<b>157.0</b>	<b>71.9</b>	<b>39.8</b>	<b>139.4</b>
Alamance	11.5	6.5	5.0	3.1	8.2	97.4	2.0	38.2	483.4	180.1	165.8	42.2	57.7	499.1	162.5	70.4	37.6	147.6
Alexander	7.5	5.9	1.6	3.3	4.9	93.0	0.8	44.5	403.8	174.7	176.9	29.2	80.6	474.3	137.9	78.3	47.5	125.1
Alleghany	6.3	2.1	4.2	0.0	4.2	109.9	1.0	46.8	378.2	155.8	160.7	27.9	91.8	464.4	124.3	64.4	41.6	131.2
Anson	18.4	11.8	6.7	3.8	10.4	105.9	4.0	49.7	489.6	185.7	188.2	64.1	79.2	464.8	165.7	68.4	44.2	123.5
Ashe	5.5	1.6	4.0	0.8	4.8	117.9	2.4	45.7	423.4	170.8	164.4	41.3	76.1	495.7	129.9	75.7	34.6	112.4
Avery	18.0	11.6	6.5	3.9	10.4	105.8	2.1	35.4	447.6	150.4	179.0	31.1	70.2	448.8	154.5	64.9	38.4	117.6
Beaufort	18.1	12.1	6.1	1.5	7.6	115.6	2.2	53.5	428.6	194.5	198.6	49.7	79.2	546.6	162.8	85.8	54.2	153.5
Bertie	20.9	12.9	8.0	4.1	12.1	118.3	4.5	46.9	483.2	174.0	180.6	48.8	69.1	470.0	168.5	70.7	50.4	165.0
Bladen	14.7	7.6	7.1	2.8	9.9	107.6	3.2	55.6	435.2	163.0	231.3	46.2	92.1	411.6	112.0	69.4	54.2	116.1
Brunswick	9.7	5.3	4.4	2.9	7.2	102.7	2.5	45.8	324.7	167.8	171.2	34.9	85.6	434.4	136.4	67.5	34.1	103.3
Buncombe	10.6	6.2	4.4	1.8	6.2	97.1	2.0	36.2	442.3	163.2	154.8	39.1	66.9	502.3	169.4	66.4	35.8	149.7
Burke	9.1	4.1	5.0	2.3	7.3	108.4	1.9	46.2	471.2	188.1	189.3	49.6	77.9	537.1	167.4	81.6	53.4	117.4
Cabarrus	9.7	6.5	3.2	1.6	4.8	77.0	1.5	32.2	485.0	173.5	166.6	48.4	66.7	532.8	158.5	79.5	41.2	150.4
Caldwell	11.6	6.4	5.2	4.2	9.4	107.7	1.5	49.1	473.8	195.2	195.5	56.8	76.7	478.1	150.4	89.5	42.4	85.3
Camden	0.0	0.0	4.4	2.2	6.6	68.0	3.3	26.0	370.8	143.8	165.3	33.7	44.6	457.6	184.0	44.5	32.1	188.7
Carteret	11.2	7.0	4.2	3.9	8.1	109.6	1.7	46.2	407.0	192.7	187.6	36.0	76.3	527.9	146.2	81.3	44.9	116.0
Caswell	11.5	3.8	7.7	0.0	7.7	111.1	4.0	49.4	459.9	188.3	189.0	36.7	81.0	518.7	156.7	81.9	51.0	163.6
Catawba	10.4	6.0	4.4	1.7	6.1	99.7	2.6	42.5	489.1	176.8	181.9	48.0	75.8	460.3	148.8	67.3	37.1	116.7
Chatham	8.4	3.1	5.3	1.3	6.6	93.6	0.9	33.9	360.1	148.2	130.9	40.1	49.7	463.0	168.1	53.8	39.2	116.0
Cherokee	9.6	4.3	5.2	3.5	8.7	125.7	2.0	55.6	388.6	182.2	192.9	37.7	106.3	481.9	157.5	77.2	34.5	81.6
Chowan	8.5	4.8	3.6	2.4	6.1	120.0	1.3	46.9	453.4	191.1	165.5	57.0	61.0	458.7	139.5	72.7	39.9	151.9
Clay	7.1	4.7	2.4	4.7	7.1	132.6	4.3	49.7	413.7	162.3	179.2	27.2	89.6	486.7	134.0	81.5	30.3	122.9
Cleveland	15.5	9.3	6.3	3.6	9.9	112.6	2.4	51.5	509.3	194.6	212.6	52.6	79.5	490.7	142.9	76.0	46.2	162.7
Columbus	13.6	7.6	6.1	4.0	10.0	116.4	3.0	60.1	487.3	191.7	256.9	53.1	100.7	443.4	120.2	83.2	39.1	131.5
Craven	10.5	5.1	5.4	2.6	8.0	92.7	1.7	37.4	435.0	181.8	164.8	46.7	62.0	480.0	141.9	78.2	36.5	147.5
Cumberland	13.3	7.9	5.5	2.6	8.1	70.6	3.1	39.1	444.2	186.0	201.2	42.7	73.5	477.4	153.4	75.1	39.8	132.6
Currituck	6.0	2.6	3.4	2.6	6.0	89.3	1.9	39.7	468.3	198.9	197.0	32.0	68.3	409.2	117.4	71.7	39.3	117.4
Dare	6.5	2.7	3.8	1.1	4.9	84.1	1.5	38.0	366.5	162.4	181.0	25.3	70.9	458.8	173.1	65.4	42.1	119.6
Davidson	8.9	4.4	4.5	3.4	7.9	98.6	2.0	44.0	466.0	177.5	197.7	49.2	67.8	514.7	151.1	87.0	43.8	140.6
Davie	2.5	1.0	1.5	4.0	5.5	94.7	1.5	34.9	422.0	170.5	145.8	39.1	66.2	513.2	153.9	76.8	36.5	143.9
Duplin	13.0	7.9	5.1	2.8	8.0	85.4	3.1	36.8	420.9	162.7	173.7	45.3	67.5	450.3	127.0	62.6	42.9	100.4
Durham	12.5	7.4	5.1	1.7	6.8	63.9	2.5	27.2	435.6	176.7	134.5	39.4	53.0	480.9	174.4	67.3	36.0	141.7
Edgecombe	19.1	13.3	5.9	2.7	8.5	103.6	3.1	52.4	462.8	193.0	201.8	82.4	64.4	501.9	161.2	72.3	38.1	167.9
Forsyth	11.8	5.0	6.8	2.5	9.2	84.6	2.2	34.5	459.2	179.4	145.5	43.7	56.9	506.5	166.4	70.8	35.7	162.8
Franklin	11.6	6.3	5.4	1.5	6.9	82.0	3.0	40.5	412.4	182.6	163.1	36.2	70.9	497.9	142.0	83.2	44.0	159.8
Gaston	11.7	5.7	6.0	2.4	8.4	101.9	2.1	47.9	511.5	193.6	205.8	44.7	75.2	500.4	146.3	83.8	48.9	123.4
Gates	16.7	13.0	3.8	0.0	3.8	94.8	3.8	42.8	424.9	170.9	178.1	31.9	58.3	396.1	124.1	62.0	30.9	129.1
Graham	6.6	4.4	2.2	2.2	4.4	116.9	2.2	54.2	415.1	157.8	199.6	35.7	111.7	441.1	166.0	56.6	32.7	86.3
Granville	11.6	6.8	4.8	1.4	6.2	81.6	2.3	38.4	416.3	188.2	163.0	38.3	61.9	559.8	154.2	88.9	56.0	149.8
Greene	19.4	13.5	6.0	1.7	7.7	85.4	1.7	34.3	474.6	183.2	207.2	52.2	59.6	466.3	112.2	82.7	34.1	172.9
Guilford	13.6	7.2	6.5	2.3	8.8	78.1	2.0	30.4	448.9	163.9	148.3	41.8	57.3	532.3	179.2	71.2	38.6	179.8
Halifax	19.1	12.5	6.7	4.0	10.7	120.1	3.4	57.3	498.0	200.4	207.8	54.0	79.8	505.2	166.4	71.0	46.4	153.9
Harnett	11.6	6.4	5.3	2.5	7.8	72.1	3.0	36.1	452.8	183.3	195.5	51.6	70.3	493.3	149.5	86.6	42.5	118.6
Haywood	8.6	5.7	2.9	1.1	4.0	116.1	2.4	43.2	412.4	158.4	190.7	41.6	76.9	488.0	147.5	65.9	33.5	128.9
Henderson	9.0	5.9	3.1	2.0	5.2	119.1	2.2	39.3	418.3	152.6	148.6	35.6	71.0	493.5	157.3	61.8	38.8	146.4
Hertford	13.3	4.7	8.7	4.8	13.4	103.7	0.4	43.3	460.2	183.7	175.3	45.5	53.7	471.3	160.8	69.6	43.9	154.7
Hoke	8.9	5.5	3.4	1.9	5.3	57.9	1.5	34.7	455.6	190.6	213.2	34.5	66.7	446.6	123.7	94.5	29.7	153.6
Hyde	11.4	3.8	7.6	7.7	15.3	96.7	6.0	31.1	458.7	197.8	169.7	63.3	54.6	491.3	151.5	94.4	66.5	135.4
Iredell	11.3	7.0	4.4	3.0	7.4	87.1	1.7	37.8	470.3	180.5	193.5	50.9	66.6	495.1	156.4	72.1	42.8	148.9
Jackson	12.3	6.4	5.9	2.0	7.9	82.1	3.3	32.7	373.3	177.8	163.0	29.8	70.0	485.8	134.7	67.3	47.3	127.1

<sup>11</sup> Fetal and neonatal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

<sup>12</sup> The number of fetal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

<sup>13</sup> Number of infant deaths under 28 days of age per 1,000 live births. Source: North Carolina SCHS.

<sup>14</sup> Number of infant deaths 28–364 days of age per 1,000 live births minus neonatal deaths. Source: North Carolina SCHS.

<sup>15</sup> Number of infant deaths (<365 days of age) per 1,000 live births. Source: North Carolina SCHS.

<sup>16</sup> Rate age-adjusted to the 2000 U.S. population computed using the direct age-adjustment method. Source: North Carolina SCHS.

<sup>17</sup> Female breast and prostate cancer use gender-specific populations in the denominator. Source: North Carolina SCHS, Central Cancer Registry.

## Table 8 Selected Health Indicators

<b>B. Mortality and Morbidity Statistics</b>																		
Resident Data	Perinatal and Infant Mortality, 2009–2013					Age-specific Death Rates per 100,000 Population, 2009–2013				Age-adjusted Death Rates per 100,000 Population for Select Causes, 2009–2013 <sup>16</sup>				Age-adjusted Cancer Incidence Rates per 100,000 Population, 2008–2012 <sup>17</sup>				
	Perinatal Rate <sup>11</sup>	Fetal Rate <sup>12</sup>	Neonatal Rate <sup>13</sup>	Postneonatal Rate <sup>14</sup>	Infant Rate <sup>15</sup>	Total Rate	Ages 1–17	Ages 18–64	Ages 65+	Cancer	Heart Disease	Stroke	Violent Causes	All Cancer Types	Female Breast	Lung/ Bronchus	Colon/ Rectum	Prostate
Johnston	10.1	5.3	4.9	1.7	6.5	70.7	1.9	35.7	436.2	184.2	226.0	41.6	68.6	486.7	139.9	74.9	40.6	131.1
Jones	25.8	9.9	16.1	2.0	18.1	122.3	1.0	50.1	475.4	203.6	203.9	66.8	55.4	475.8	121.2	79.2	41.5	143.9
Lee	14.1	6.2	7.9	1.9	9.9	88.9	2.4	40.6	449.2	181.1	185.8	46.6	73.1	465.9	137.2	76.8	44.6	100.2
Lenoir	12.2	6.9	5.2	2.3	7.6	117.7	2.8	54.8	505.1	194.4	222.0	54.2	73.1	552.7	165.8	86.1	54.6	167.6
Lincoln	9.3	4.3	5.1	1.3	6.3	88.6	2.2	38.3	454.3	166.8	212.2	50.1	67.2	488.5	152.6	76.5	34.7	130.8
McDowell	8.1	6.4	1.7	2.2	3.9	106.2	2.2	45.0	458.4	181.5	183.8	51.6	70.6	509.0	142.6	83.1	55.7	118.7
Macon	9.6	5.4	4.2	2.4	6.6	123.1	2.3	47.9	387.8	162.8	167.6	38.6	78.6	463.6	152.9	76.7	43.0	108.6
Madison	7.6	4.3	3.3	3.3	6.5	102.6	1.5	34.9	439.6	143.8	189.9	50.8	64.9	443.2	155.2	65.7	41.3	97.2
Martin	14.8	8.6	6.3	1.6	7.9	129.9	2.0	54.2	520.7	176.9	287.0	53.4	75.6	516.7	156.8	77.2	44.1	162.6
Mecklenburg	10.6	6.7	3.9	1.9	5.8	55.1	1.8	24.9	410.3	157.6	136.2	38.1	43.4	473.2	169.9	59.0	35.1	149.5
Mitchell	9.8	8.4	1.4	0.0	1.4	133.7	0.7	49.2	483.5	179.1	218.2	45.5	72.8	471.6	135.5	78.1	40.0	101.6
Montgomery	17.1	7.3	9.8	3.1	12.9	97.9	1.3	43.7	424.1	154.5	153.3	35.2	85.9	472.6	128.9	77.8	42.4	154.2
Moore	9.5	6.4	3.1	1.9	5.0	115.6	1.5	39.6	403.1	161.8	131.7	35.6	66.5	510.5	168.0	70.4	34.2	141.7
Nash	15.2	9.5	5.7	2.3	8.0	99.8	2.4	46.5	477.6	188.5	190.2	53.3	66.6	469.7	163.2	73.9	42.6	123.2
New Hanover	9.1	5.9	3.2	1.4	4.6	80.6	1.3	32.3	408.1	165.0	166.0	36.5	60.3	466.5	153.1	68.2	32.9	105.6
Northampton	16.0	12.0	4.0	5.1	9.1	120.9	4.8	52.6	426.1	187.8	167.6	49.6	80.9	485.2	144.2	80.5	49.7	181.8
Onslow	9.7	5.4	4.3	2.2	6.6	49.5	1.9	24.8	399.9	179.7	166.1	31.5	60.3	516.7	151.6	89.2	39.8	121.5
Orange	7.3	4.3	3.0	1.6	4.6	53.3	1.6	20.2	383.7	156.0	123.2	32.9	45.8	458.0	164.5	59.1	32.6	125.0
Pamlico	20.6	10.3	10.4	4.2	14.6	107.8	5.5	42.2	351.5	153.4	164.8	39.8	77.9	529.9	199.8	84.2	30.5	142.0
Pasquotank	11.9	7.5	4.4	3.6	8.0	98.1	1.4	37.1	521.8	205.7	218.7	49.2	51.3	494.6	168.5	73.0	49.5	167.6
Pender	10.1	5.0	5.1	2.4	7.4	87.7	3.1	39.8	392.0	170.4	149.4	44.9	69.5	479.0	150.0	68.2	35.1	99.5
Perquimans	17.9	7.5	10.5	3.0	13.5	107.1	1.5	44.0	361.0	157.8	190.7	48.1	64.9	424.8	138.8	67.4	40.0	122.7
Person	14.0	8.9	5.2	1.9	7.1	102.7	2.3	42.8	478.4	198.7	177.5	66.9	68.6	514.2	139.9	84.2	48.7	149.0
Pitt	15.9	9.5	6.4	3.8	10.2	67.4	2.6	30.1	442.2	172.5	176.8	48.6	62.9	483.7	171.0	66.5	38.7	144.2
Polk	5.7	4.3	1.4	1.4	2.9	135.5	1.1	42.2	440.1	150.3	135.2	34.6	63.7	453.2	139.6	57.6	36.4	109.2
Randolph	12.1	7.4	4.8	1.7	6.5	94.7	2.3	40.8	467.7	177.2	175.7	43.4	74.6	526.9	151.4	90.5	39.5	146.0
Richmond	12.4	6.6	5.9	2.4	8.3	114.3	3.2	53.1	541.5	207.2	238.5	65.3	80.5	515.3	139.0	89.7	41.8	135.1
Robeson	16.3	8.3	8.0	3.9	11.8	89.8	3.5	52.4	470.0	191.9	219.2	44.3	98.1	437.8	116.2	72.1	41.9	164.9
Rockingham	14.9	7.7	7.3	3.4	10.7	115.1	1.7	50.7	490.2	194.4	190.1	51.0	74.5	544.9	158.6	93.2	50.3	146.6
Rowan	12.8	7.6	5.2	1.5	6.7	107.9	2.5	47.5	515.9	190.3	192.6	53.0	79.9	516.9	165.5	84.0	43.8	139.6
Rutherford	11.1	7.1	4.0	3.5	7.5	120.0	2.0	50.7	494.7	174.8	197.1	58.7	71.4	470.9	150.5	78.1	43.5	98.3
Sampson	16.7	10.1	6.7	3.7	10.4	96.2	4.2	45.6	450.7	183.7	182.0	50.1	91.6	475.0	139.5	81.7	38.8	114.6
Scotland	13.9	6.3	7.6	3.0	10.6	104.5	2.6	54.7	486.8	191.7	218.8	48.7	71.3	520.6	152.0	84.3	46.0	200.7
Stanly	12.0	7.8	4.2	1.5	5.7	107.1	2.0	41.1	500.4	181.1	227.9	46.9	78.3	518.5	147.7	86.7	39.5	125.4
Stokes	9.7	5.4	4.4	3.4	7.8	102.9	2.5	45.6	436.9	184.9	152.1	62.9	75.1	483.1	136.1	82.7	40.0	117.2
Surry	9.1	4.8	4.3	2.8	7.1	113.3	1.9	43.8	498.5	199.3	178.5	45.0	72.8	503.6	149.1	83.3	42.9	128.3
Swain	13.6	8.4	5.3	2.1	7.4	131.2	3.3	68.1	516.6	216.5	245.0	71.6	111.9	541.3	176.8	108.1	54.9	66.8
Transylvania	10.8	6.5	4.4	2.9	7.3	118.9	2.6	36.9	364.4	137.2	147.7	31.0	83.1	427.8	136.2	49.5	39.3	126.4
Tyrrell	18.1	13.6	4.6	9.2	13.8	115.2	2.7	49.6	464.4	224.6	208.7	59.4	83.4	472.6	197.7	95.4	25.9	105.8
Union	9.5	5.0	4.5	1.0	5.5	57.7	1.5	25.5	408.0	157.0	166.0	39.8	46.9	455.6	158.3	59.7	36.1	118.1
Vance	13.4	7.0	6.4	3.1	9.5	102.8	2.4	57.8	448.9	199.8	195.7	50.1	85.6	519.9	162.5	75.1	58.8	160.8
Wake	10.1	5.3	4.8	1.7	6.5	48.2	1.6	20.0	380.1	154.3	129.7	40.7	39.0	476.1	168.7	57.0	34.8	153.6
Warren	13.7	7.4	6.4	2.1	8.5	108.0	2.5	46.5	400.1	184.8	164.4	32.8	54.4	485.2	148.6	85.4	54.3	152.0
Washington	16.9	9.8	7.1	4.3	11.3	117.7	0.0	46.2	469.2	167.1	272.4	43.4	29.3	476.3	140.1	60.5	64.5	166.1
Watauga	9.1	7.4	1.7	0.6	2.3	62.3	2.1	20.7	363.7	135.9	158.0	30.1	67.6	448.3	146.7	53.5	32.2	105.4
Wayne	13.2	6.8	6.5	2.8	9.3	91.1	2.8	42.8	467.9	192.8	174.8	49.3	69.0	492.6	148.1	75.9	44.3	143.7
Wilkes	12.9	7.9	5.0	3.9	8.8	106.6	2.3	47.1	429.5	182.7	166.4	41.7	84.8	468.2	139.6	76.4	40.6	138.5
Wilson	17.1	10.9	6.2	2.6	8.8	99.0	1.4	43.9	476.9	198.8	182.9	51.6	63.9	476.3	151.8	74.6	40.9	119.2
Yadkin	7.3	3.4	3.9	2.9	6.8	105.2	2.9	41.4	470.2	180.3	202.5	46.2	81.4	473.1	143.1	79.9	33.9	142.1
Yancey	12.7	9.2	3.5	3.5	7.0	124.4	2.4	44.7	455.0	181.0	186.3	40.5	81.4	529.2	153.2	84.4	35.6	124.1

<sup>11</sup> Fetal and neonatal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

<sup>12</sup> The number of fetal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

<sup>13</sup> Number of infant deaths under 28 days of age per 1,000 live births. Source: North Carolina SCHS.

<sup>14</sup> Number of infant deaths 28–364 days of age per 1,000 live births minus neonatal deaths. Source: North Carolina SCHS.

<sup>15</sup> Number of infant deaths (<365 days of age) per 1,000 live births. Source: North Carolina SCHS.

<sup>16</sup> Rate age-adjusted to the 2000 U.S. population computed using the direct age-adjustment method. Source: North Carolina SCHS.

<sup>17</sup> Female breast and prostate cancer use gender-specific populations in the denominator. Source: North Carolina SCHS, Central Cancer Registry.

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