

## Progress on CHIPS

## Priority 1: Substance Abuse

- Intervention: Youth Substance Abuse Interventions: HALO (children 3-6 years), Second Steps (Kindergarten-5th grade), and Too Good for Drugs (Kindergarten-12th grade)
  - Progress: This program is to be implemented by our community partner, Insight Human Services. These programs are to be implemented in a school and child care setting. Due to COVID-19, outside visitors to these types of facilities was restricted/limited.

## Priority 2: Mental Health

- Intervention: Kaleidoscope Play and Learn
  - Progress: This program is to be implemented by our community partner, Smart Start of Yadkin County. The Director of Smart Start participated in an initial session regarding program implementation and required deliverables. They currently have the position posted for hire.

## Priority 3: Chronic Disease

- Intervention: WIC Community Garden
  - Progress: Was able to begin implementation of the WIC community garden. The program started out with 3 raised container gardens. Have since expanded to 10 raised container gardens. This is a collaboration with Cooperative Extension. Have added signage about the program and information boxes to provide education about what's growing. The expansion was made possible through the Yadkin Rotary Club grant and Shallowford Foundation.
- Intervention: Tai Chi for Arthritis and Fall Prevention
  - Progress: Was able to send a LHD staff member to get trained in the program. Two Senior Center Directors also participated and received training in this program. Due to COVID-19, the YVEDDI Senior Centers have been closed to participants. Was not able to begin implementation of the Tai Chi program in 2020.

## Morbidity and Mortality Changes Since Last CHA

## Mortality:

Rank	Cause of Death:	# of Deaths	Death Rate
0	Total Deaths - All Causes	2,202	1169.2
1	Cancer - all sites	469	249.0
2	Diseases of the heart	456	242.1
3	Chronic lower respiratory diseases	163	86.6
4	Cerebrovascular disease	131	69.6
5	Alzheimer's disease	99	52.6
6	Other unintentional injuries	96	51.0
7	Diabetes mellitus	91	48.3
8	Pneumonia & influenza	70	37.2
9	Septicemia	49	26.0
10	Nephritis, nephrotic syndrome, & nephrosis	44	23.4

Child deaths - (2019) 50.3 child deaths per 100,000. This is an increase from 2018, which was 39.7 deaths per 100,000 (NC Child).

## Leading causes of death by age groups:

- 0-19 year old age group, the leading causes of death are conditions originating in the perinatal period, motor vehicle injuries, and suicide.
- 20-39 age group, most top causes of death are related to unintended injury, suicide, and motor vehicle accidents.
- 40-64 age group, the top causes of death are cancer, disease of the heart, other unintentional injuries, and diabetes.
- 65-84 age group (highest incidence of death) these are related to chronic disease such as cancer disease of the heart chronic lower

- 65-84 age group (highest incidence of death), these are related to chronic disease such as cancer, disease of the heart, chronic lower respiratory disease, and cerebrovascular disease.

- Source: State Center for Health Statistics: NC County Health Data Book - 2019

We have also attached the NC Statewide and Yadkin County trends in key health indicators (*State Center for Health Statistics - February 2019*). Some noteworthy data from this report includes:

- Age-adjusted diabetes death rate per 100,000 residents for 2013-2017 is 33.1. This is higher than the state rate of 23.3.
- Age-adjusted stroke death rate in Yadkin County has seen an increase from the previously reported years. From 2008-2012 the rate was 41.0, and for 2013-2017 it is 52.1 per 100,000 residents.
- Age-adjusted unintentional injury death rate (excluding motor vehicle deaths) has consistently been higher than the state rate since 2003. In the most recent report, the rate was documented at 45.1 per 100,000 Yadkin County residents as compared to the NC at 34.6 for the years 2013-2017.
- Age-adjusted suicide rates in Yadkin County have increased from the previously reported years. From 2008-2012 the rate was 13.1, and for 2013-2017 it was 18.9 per 100,000 residents. For 2013-2017, NC experienced a suicide rate of 13.3. The Healthy NC 2020 target was 8.3.

Morbidity:

Sexually Transmitted Diseases (NCEDSS, 2020)

- Chlamydia - 103 cases
  - Age range was between 13-43 years, with the average age being 23 years. 26 cases were between the ages of 13-19 (25%).
  - 77% were female.
  - 15 of the cases were pregnant, including 4 teenagers (27%).
  - All but 10 cases were in their teens or 20's.
- Gonorrhea - 23 cases
  - Age range was between 16-62 years, with the average age being 33 years. There was one teenager.
  - 11 (48%) were female.
  - 1 of the cases was pregnant
  - Half of the cases were in their teens or 20's.
- Hepatitis C - Chronic - 39 cases
  - Age range was between 19-78 years, with the average age being 39 years. 15 cases were between the ages of 19-29 (38%).
  - 18 (46%) were female.

## Emerging Issues Since Last CHA

The following areas are concerns, as the numbers continue to increase over time:

- COVID-19 - This was a new, emerging issue for Yadkin County and the rest of the world. From March 2020 through the end of December 2020, we had 2475 laboratory-confirmed positive cases and 28 deaths. Due to COVID-19, NC saw a spike in unemployment rate. In March 2020 it was 3.9 and during April and May 2020, it increased to a rate of 13.5 (US Bureau of Labor Statistics).
- Suicide - Based on numbers above in our Morbidity and Mortality section, we have seen an uptick in suicide deaths in Yadkin County.
- Substance abuse/misuse - According to the NC DHHS Opioid Dashboard, the rate of opioid overdose ED visits among Yadkin County residents in 2020 was 103.5 per 100,000 residents (value count: 39). The rate of reported community naloxone reversals in Yadkin County in 2020 was 21.2 (8 reversals). In 2020, 253 Yadkin County residents with opioid use disorder (OUD) were served by treatment programs.
- Teen pregnancy - (2019) Adolescents between the ages of 15-17 years had a pregnancy rate of 15.9 per 1,000 (NC SCHS).
- Disconnected youth - From the 2020 County Health Rankings, 18% are considered disconnected youth. This is defined as the percentage of teens and young adults ages 16 to 19 who are neither working nor in school. This population is at increased risk of violent behavior, smoking, alcohol consumption and marijuana use, and may have emotional deficits and less cognitive and academic skills than their peers (University of Wisconsin Population Health Institute).
- Third grade reading level - (2018-2019) 59.9% of 3rd grade students scored proficient in reading. There was no change from the 2017-2018 year (NC Child).

## New/Paused/Discontinued Initiatives Since Last CHA

Due to COVID-19, many of our new CHIP initiatives have been paused or delayed. This is cause to re-evaluate delivery and implementation of these programs.

While many of our CHIP priorities have remained the same, we have changed some of the provided interventions. Since our last CHA and CHIP cycle (2015), we have discontinued the WalkWorks program and Chronic Disease Self-Management program. We continue to offer naloxone kits to the community. However, we have shifted our substance abuse priority/intervention towards education efforts.

## Actions

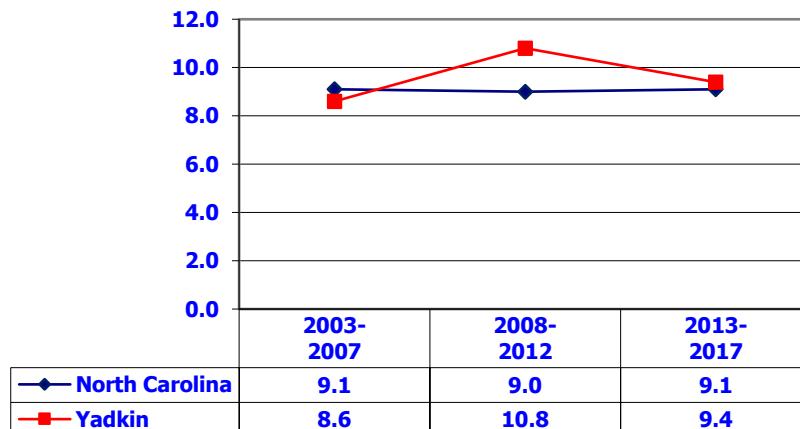
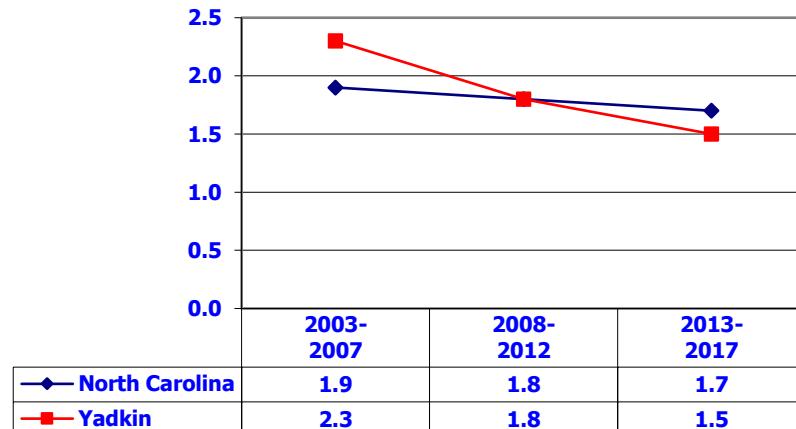
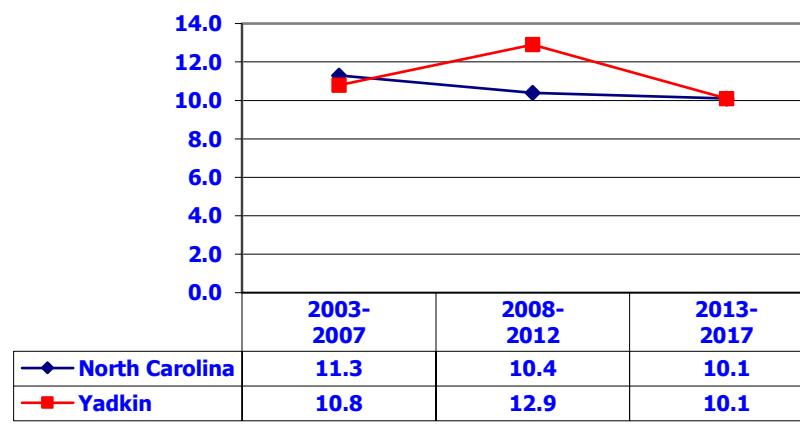
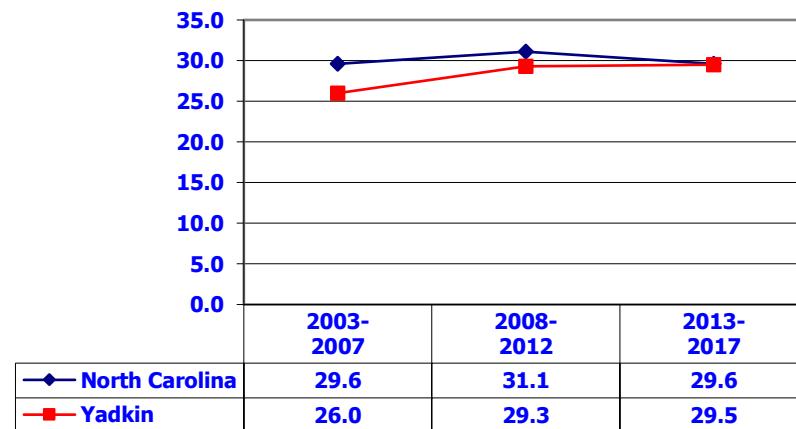
Name	Assigned To	Status	Due Date	Progress

## File Attachments

File Name

 YadkinCountyTrendsinKeyHealthIndicators.pdf



**Attachment 1:****NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS:  
YADKIN COUNTY****1. Percentage of Resident Live Births Classified As Low Birthweight (<2,500 grams/5 lbs 8 ozs )****2. Percentage of Resident Live Births Classified As Very Low Birthweight (<1,500 grams/3 lbs 4 ozs )****3. Percentage of Resident Live Births That Were Premature (<37 Weeks Gestation)****4. Percentage of Resident Live Births Delivered by Cesarean Section**

**2017 County Population**  
37,774

**% Ages 0-17:**  
21.1%

**% Ages 65+:**  
19.7%

**% NH White:**  
84.7%

**% NH Af.Am.:**  
3.4%

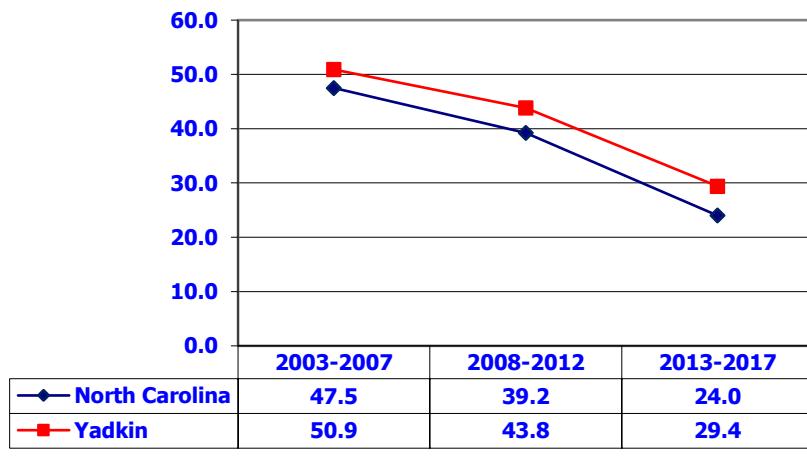
**% NH Other:**  
0.6%

**% Hispanic:**  
11.4%

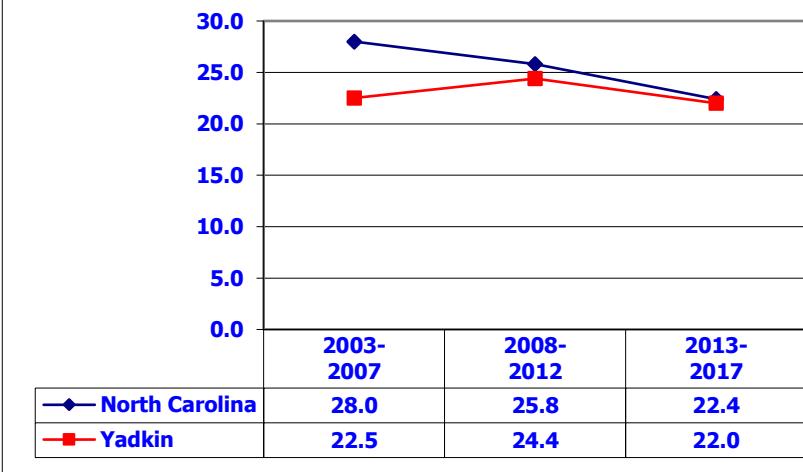
# NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: YADKIN COUNTY



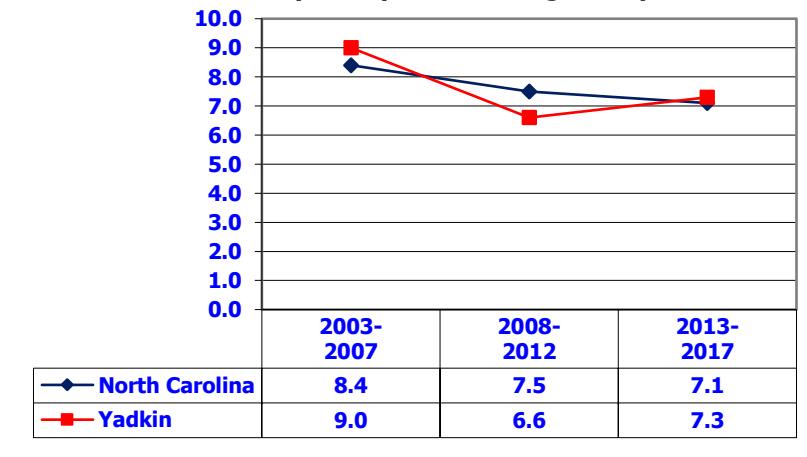
5. Teen Births (Ages 15-19)  
per 1,000 Female Residents



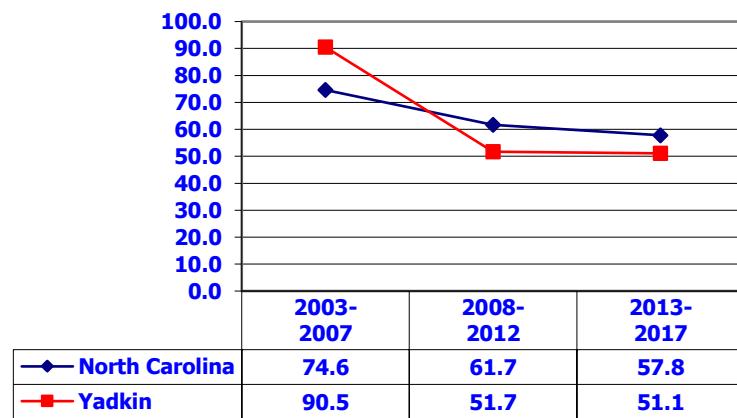
6. Percentage of Teen Births (Ages 15-19)  
that Were Repeat Pregnancies



7. Infant Deaths per 1,000 Live Births  
(Healthy NC 2020 Target=6.3)



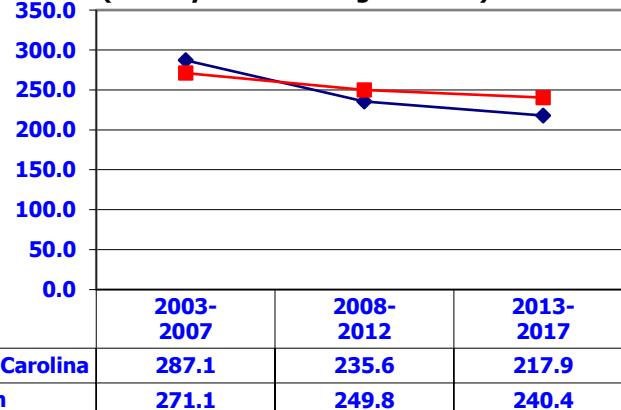
8. Child Deaths per 100,000 Residents  
Ages 0-17



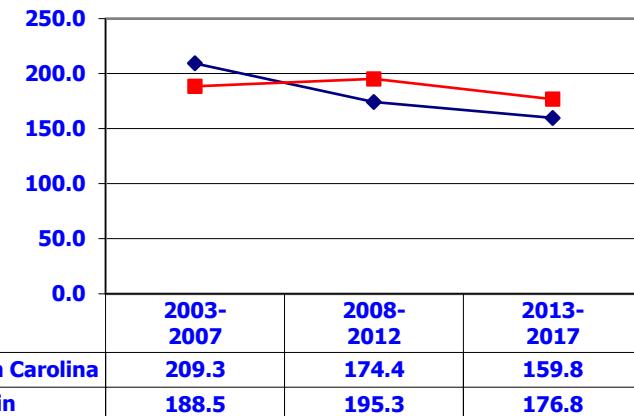
# NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: YADKIN COUNTY



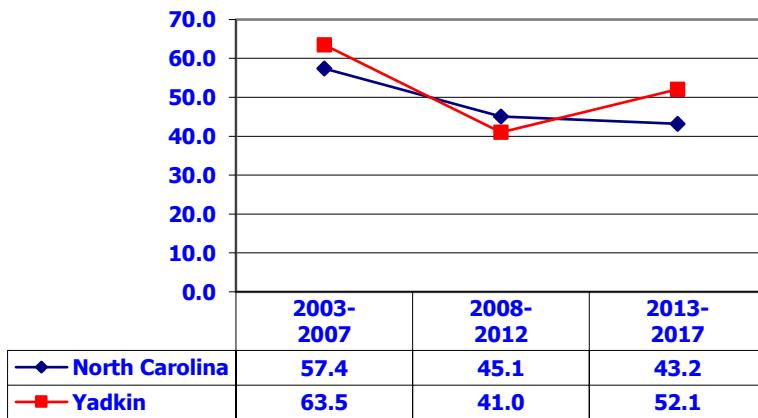
## 9. Age-Adjusted Cardiovascular Disease Death Rates per 100,000 Residents (Healthy NC 2020 Target=161.5)



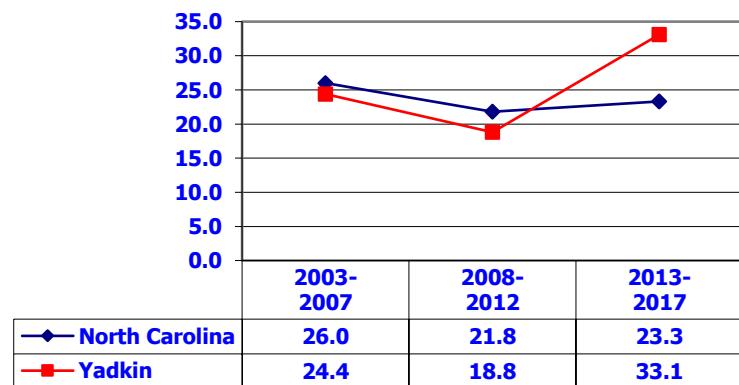
## 10. Age-Adjusted Heart Disease Death Rates per 100,000 Residents



## 11. Age-Adjusted Stroke Death Rates per 100,000 Residents



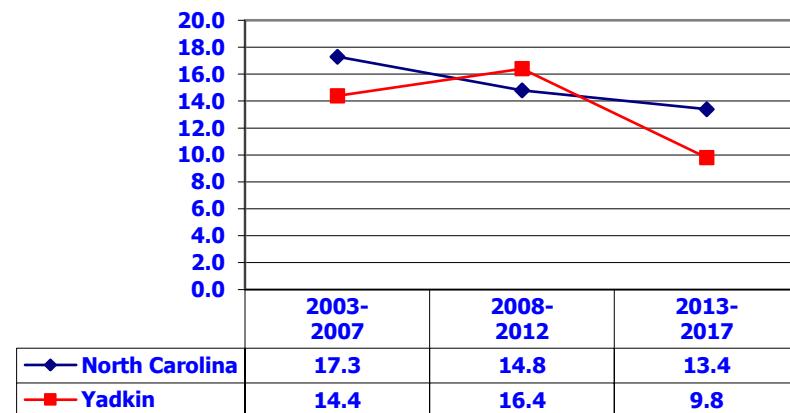
## 12. Age-Adjusted Diabetes Death Rates per 100,000 Residents



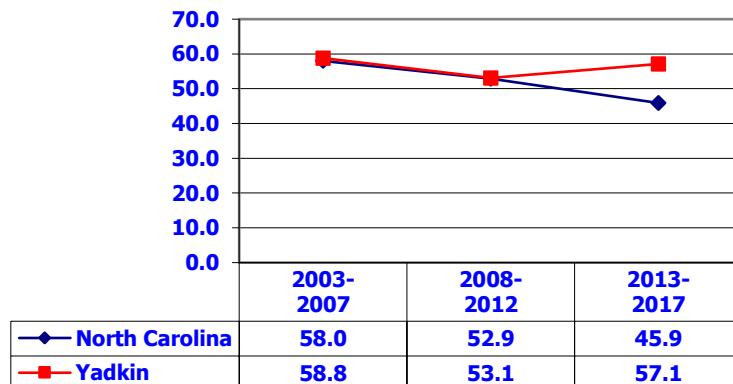
# NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: YADKIN COUNTY



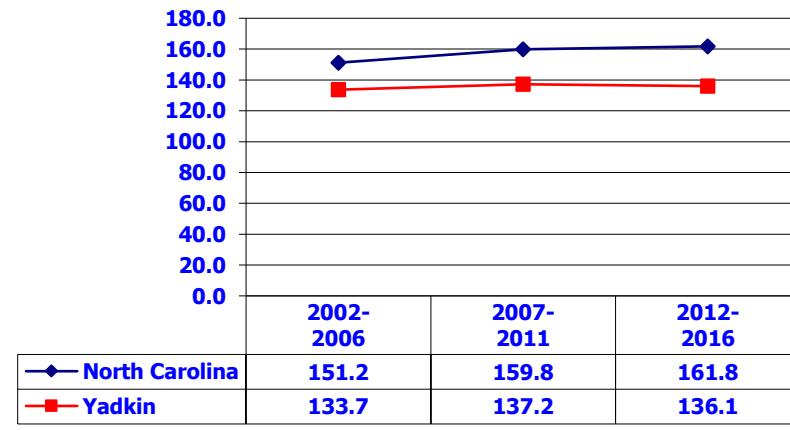
## 13. Age-Adjusted Colorectal Cancer Death Rates per 100,000 Residents (Healthy NC 2020 Target=10.1)



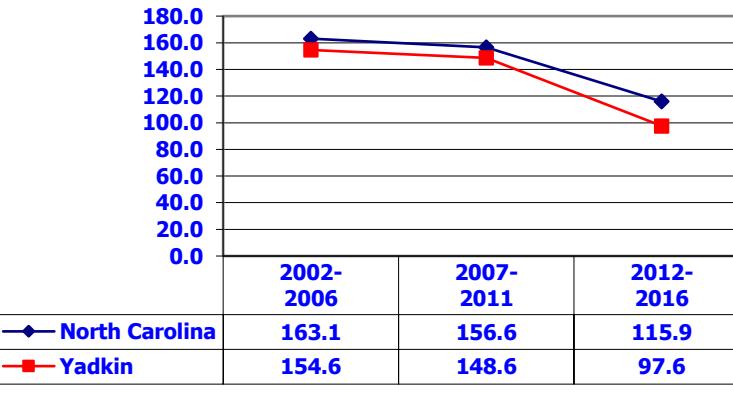
## 14. Age-Adjusted Trachea, Bronchus, & Lung Cancer Death Rates per 100,000 Residents



## 15. Age-Adjusted Female Breast Cancer Incidence Rates per 100,000 Residents



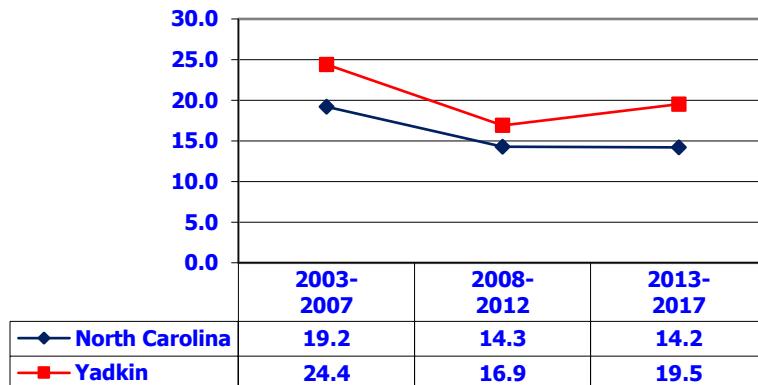
## 16. Age-adjusted Prostate Cancer Incidence Rates per 100,000 Residents



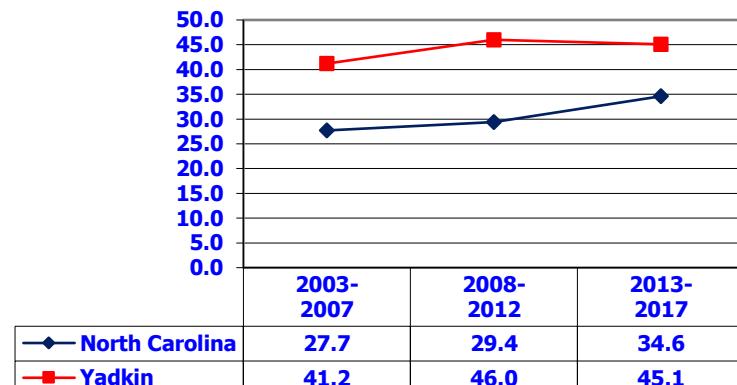
# NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: YADKIN COUNTY



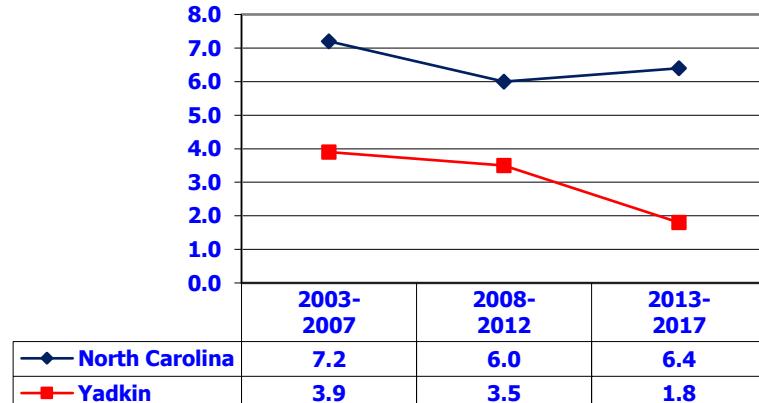
## 17. Age-Adjusted Unintentional Motor Vehicle Injury Death Rates per 100,000 Residents



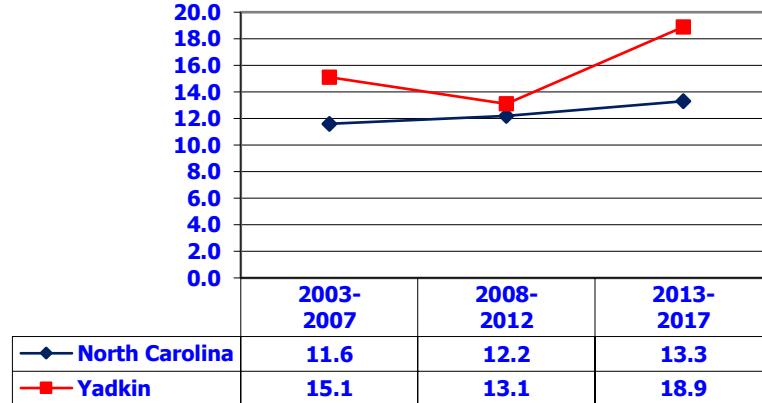
## 18. Age-Adjusted Unintentional Injury Death Rates per 100,000 Residents (excluding Motor Vehicle Deaths)



## 19. Age-Adjusted Homicide Rates per 100,000 Residents (Healthy NC 2020 Target=6.7)



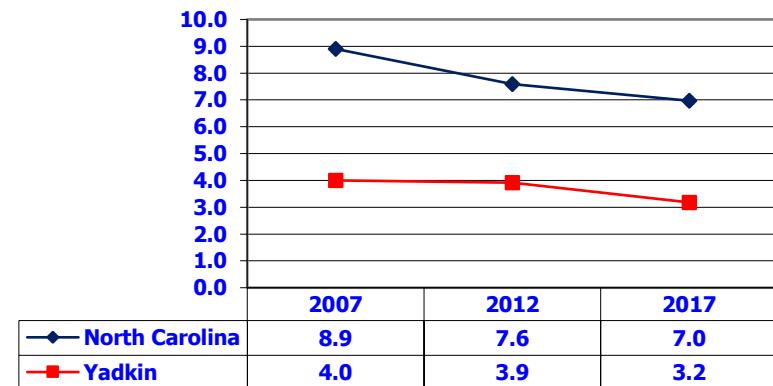
## 20. Age-Adjusted Suicide Rates per 100,000 Residents (Healthy NC 2020 Target=8.3)



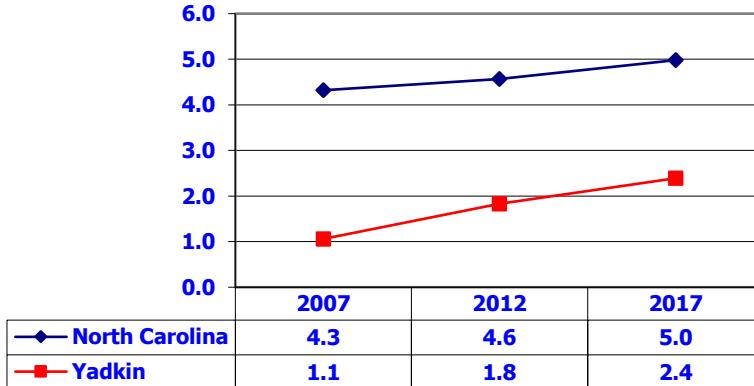
# NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: YADKIN COUNTY



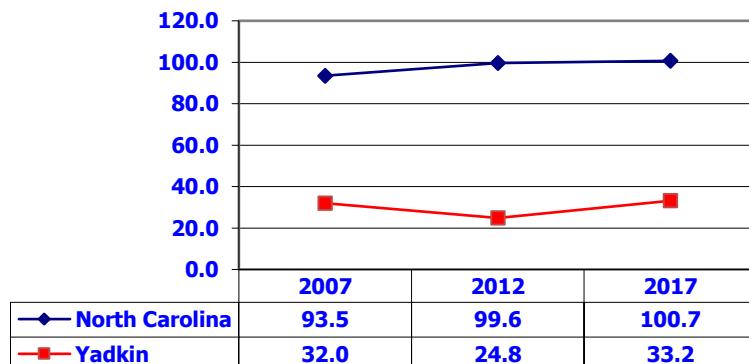
**21. Number of Primary Care Physicians per 10,000 Residents**



**22. Number of Dentists per 10,000 Residents**



**23. Number of Registered Nurses per 10,000 Residents**



**24. Number of Physician Assistants per 10,000 Residents**

