

# YADKIN COUNTY

STATE OF THE COUNTY HEALTH REPORT

2016

# YADKIN COUNTY SOTCH REPORT

- County Data
  - Leading Causes of Death
- Continued Health Concerns
- Emerging Health Issues
- CHA Priorities
  - Action Plans
  - Progress
- Trending Data
- New Initiatives

# COUNTY DATA

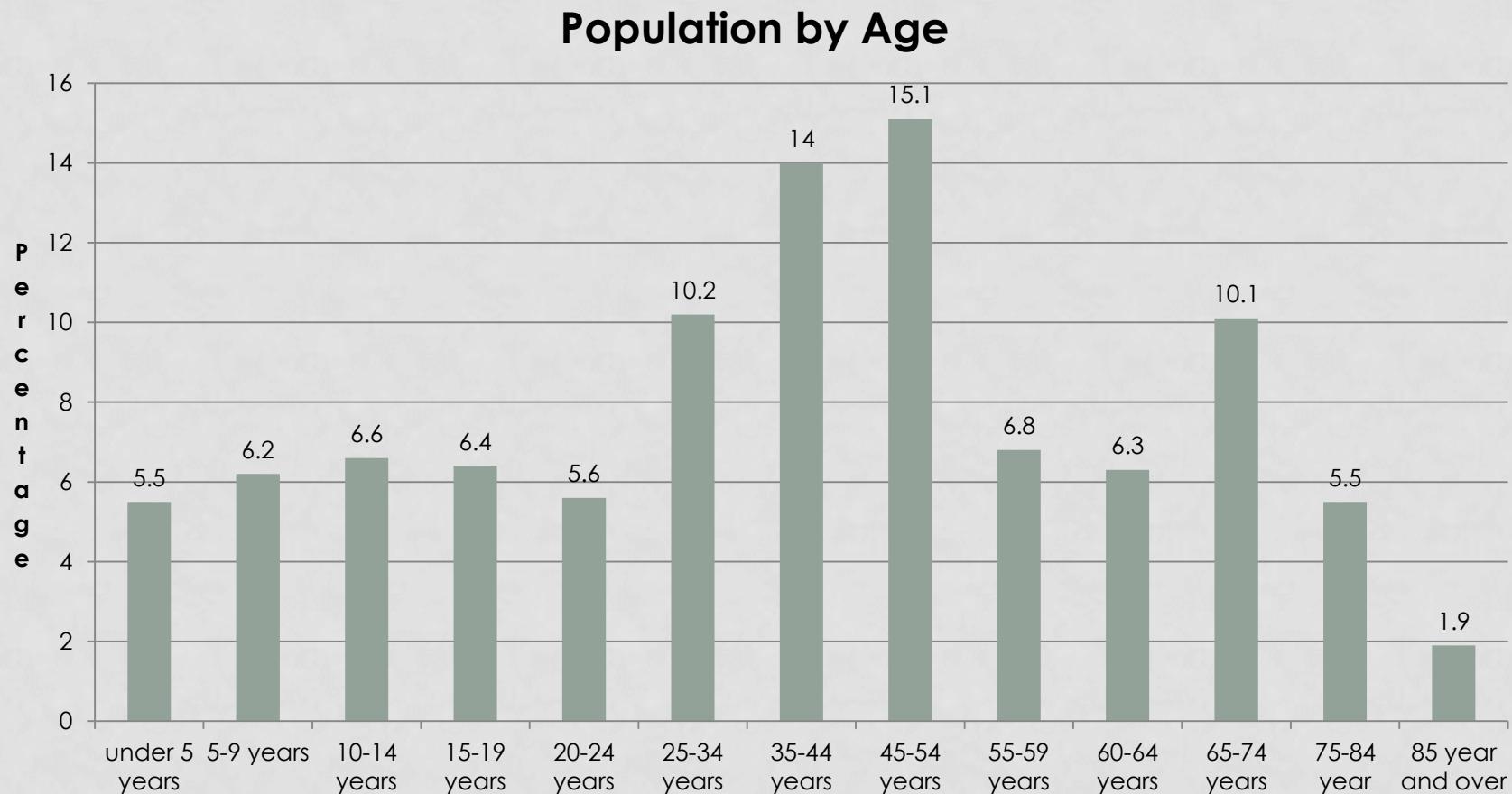
YADKIN COUNTY SOTCH REPORT

# COUNTY INFORMATION: SNAP SHOT

People QuickFacts	Yadkin County	North Carolina
Population, 2015 estimate	37,585	10,042,802
Persons under 5 years, percent, 2015	5.2%	6%
Persons under 18 years, percent, 2015	21.6%	22.8%
Persons 65 years and over, percent, 2015	18.8%	15.1%
Female persons, percent, 2015	50.4%	51.3%
White persons, percent, 2015(a)	94.2%	71.2%
Black persons, percent, 2015(a)	2.5%	22.1%
Persons of Hispanic or Latino Origin, percent, 2015(b)	10.9%	9.1%
Language other than English spoken at home, percent age 5+, 2011-2015	8.6%	11.2%
High school graduate or higher, percent of persons age 25+, 2011-2015	77.5%	85.8%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	11.9%	28.4%
Median household income, 2011-2015 (in 2015 dollars)	\$37,796	\$46,868
Persons in poverty, percent	16.3%	16.4%

(2011-2015 American Community Survey)

# POPULATION BY AGE (2011-2015)



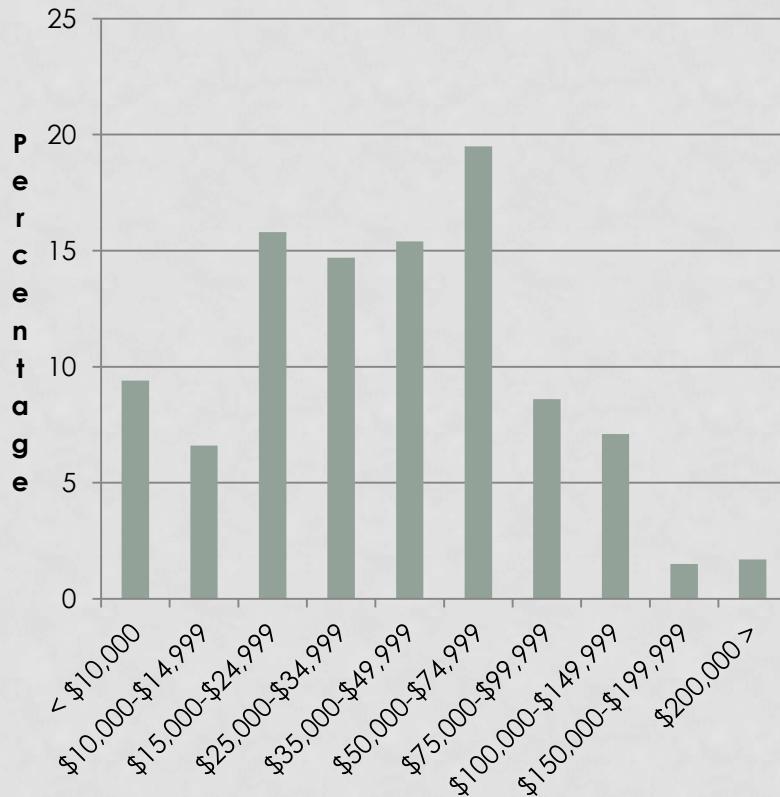
(2011-2015 American Community Survey)

# ECONOMIC CHARACTERISTICS

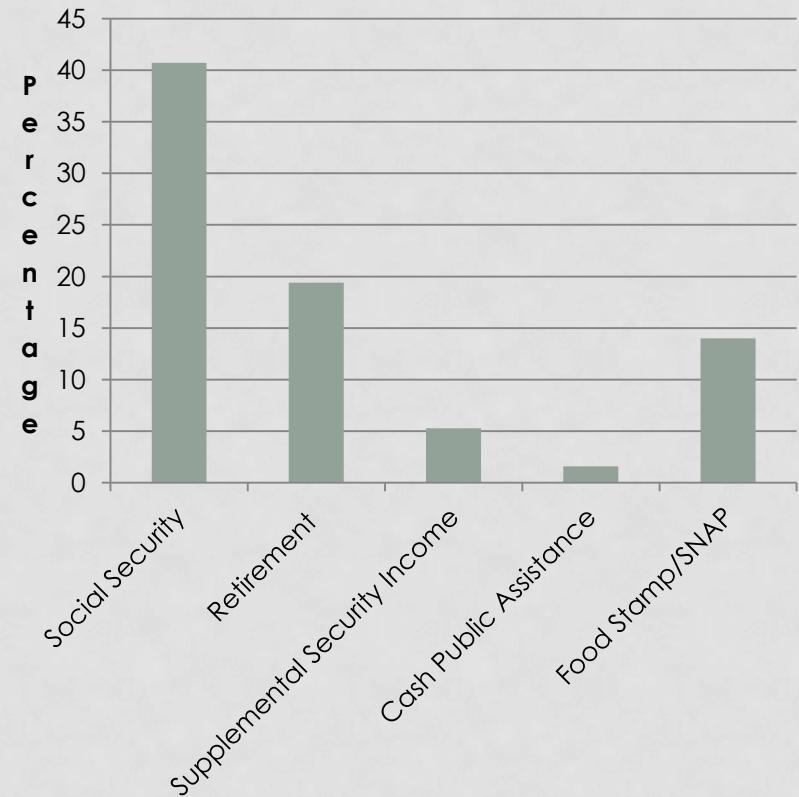
- 56% of the population is in the workforce
- The November 2016 prelim., 2015 unemployment rate is 4.1% (NC Dept. of Commerce, AccessNC)
- Yadkin County has a Tier 1 designation (NC Dept. of Commerce, AccessNC)
- 23% of Yadkin County residents reside in rental properties (NC Dept. of Commerce, AccessNC)
- In Yadkin County, 2,454 families have children under age 6, and of those, 47.8% have both parents working.
- The number of families with children between ages 6 and 17 is 5,641, and 63.2% of those families have both parents working.

# INCOME & BENEFITS

## Total Household Income



## Supplemental & Other Income



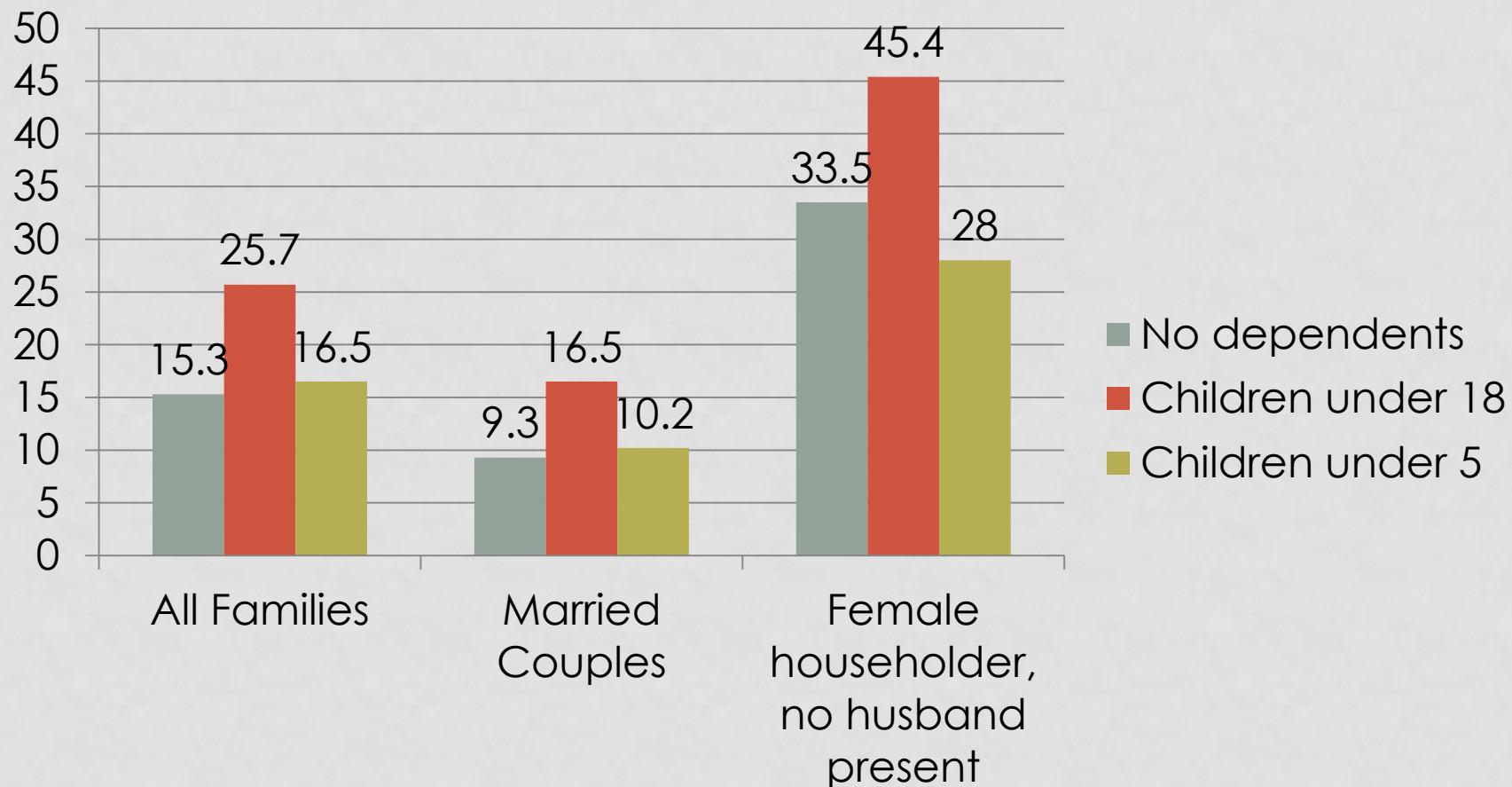
### The average:

- Social Security income is \$16,260
- Retirement income is \$17,728

- Supplemental Security income is \$8,201
- Cash public Assistance is \$4,494

# FAMILIES IN POVERTY

(PAST 12 MONTHS)



		# OF DEATHS	DEATH RATE
RANK	CAUSE OF DEATH:		
0	<b>TOTAL DEATHS - ALL CAUSES</b>	2,073	1091.9
1	<b>Diseases of the heart</b>	480	252.8
2	<b>Cancer – all sites</b>	450	237.0
3	<b>Chronic lower respiratory diseases</b>	143	75.3
4	<b>Cerebrovascular disease</b>	133	70.1
5	<b>Other Unintentional injuries</b>	92	48.5
6	<b>Alzheimer's disease</b>	66	34.8
7	<b>Pneumonia &amp; influenza</b>	65	34.2
8	<b>Diabetes mellitus</b>	63	33.2
9	<b>Nephritis, nephrotic syndrome, &amp; nephrosis</b>	48	25.3
10	<b>Septicemia</b>	47	24.8

# LEADING CAUSES OF DEATH

- This list includes all causes of death across **all age groups**
- **0-19** year old age group, the leading causes of death are **pre-natal related/birth defects, unintentional injuries and motor vehicle injuries.**
- **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, heart disease, and diabetes.**
- **65-84** age group (highest incidence of death) these are related to **chronic diseases** such as **cancer, heart and lung disease.**

# CONTINUED HEALTH CONCERNS

YADKIN COUNTY SOTCH REPORT

# CONTINUED HEALTH CONCERNS

## From 2014 SotCH Report

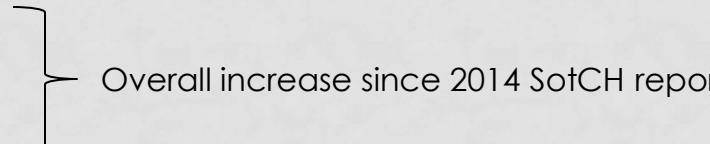
- Teen pregnancy
- Cancer
- Dental health
- Health care access
- Birth risk factors
- Obesity
- Physical activity/nutrition
- Poisonings
- CD/STD

## From 2015 CHA Report

- Prescription drug abuse/overdose
- Knowledge and use of available physical activity opportunities
- Chronic disease morbidity and mortality

# CONTINUED HEALTH CONCERNS: DATA

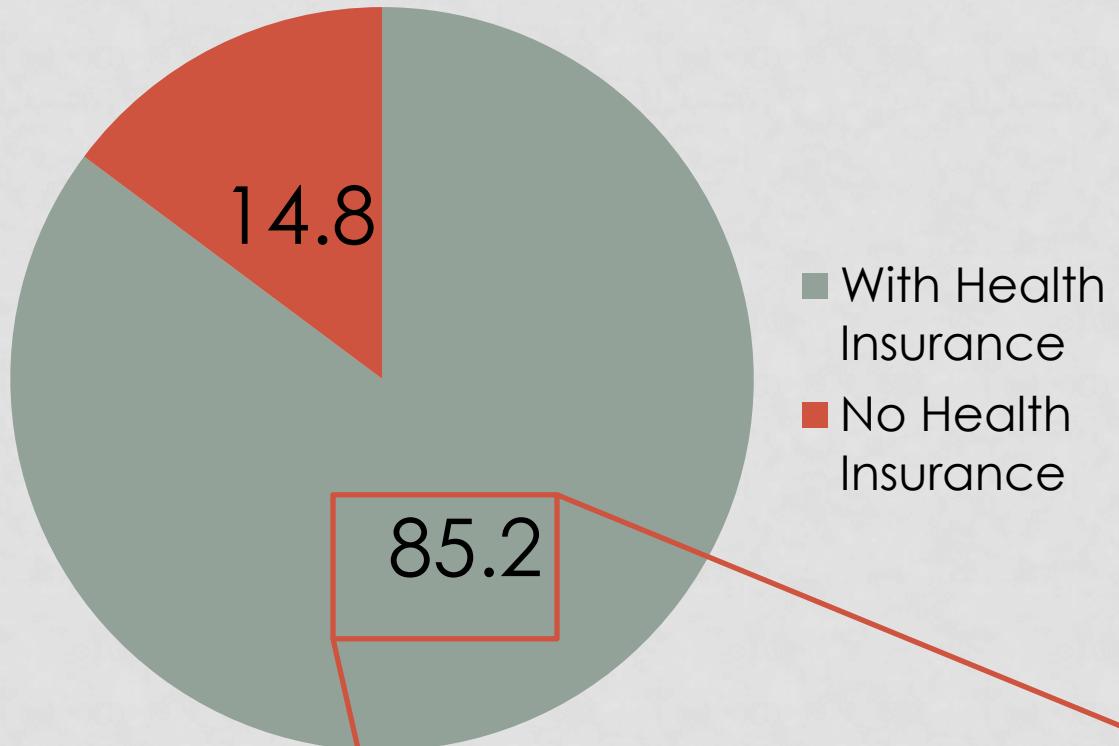
- Teen Pregnancy ([shiftnc.org](http://shiftnc.org)):
  - Teen pregnancies (15-19): **34** or **29.5/1,000** (2014)
    - 15-17: 10 (up from 4 in 2014 SotCH)
    - 18-19: 24
  - Repeat pregnancies: 20.6%
- Cancer (2011-2015)
  - Incidence: 1188 cases; 468.0/100,000 (NC rate is 466.7/100,000)
  - Mortality: 450 deaths; 174.7/100,000 (NC rates is 169.2/100,000)
  - This highest incidence and death of cancer is related to lung cancer, which is one of the most preventable cancers.
- Dental Health:
  - Medicaid enrolled children who use dental services:
    - Ages 1-5: 59.0% (NC is 67.0%)
    - Ages 6-14: 71.0%
    - Ages 15-20: 52.7%
  - Yadkin County has not had a calibrated dental assessment since the 2009-2010 school year, of which the data was published in 2012.



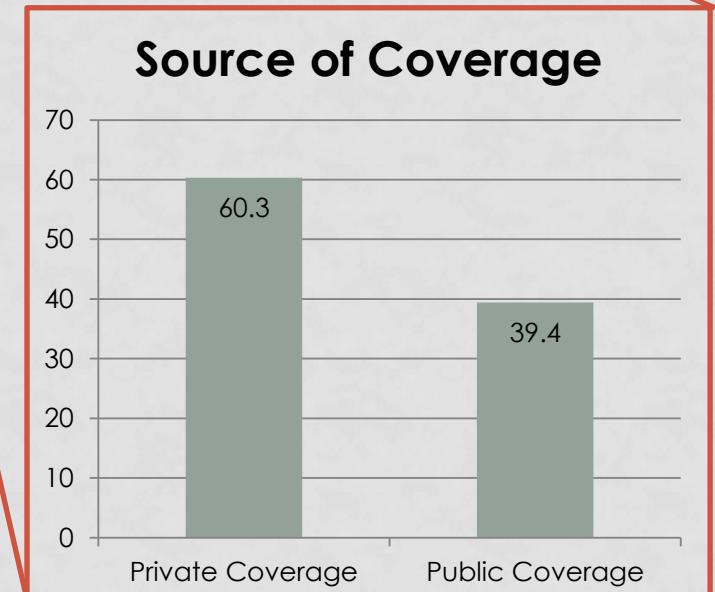
Overall increase since 2014 SotCH report

## CONTINUED HEALTH CONCERNS:

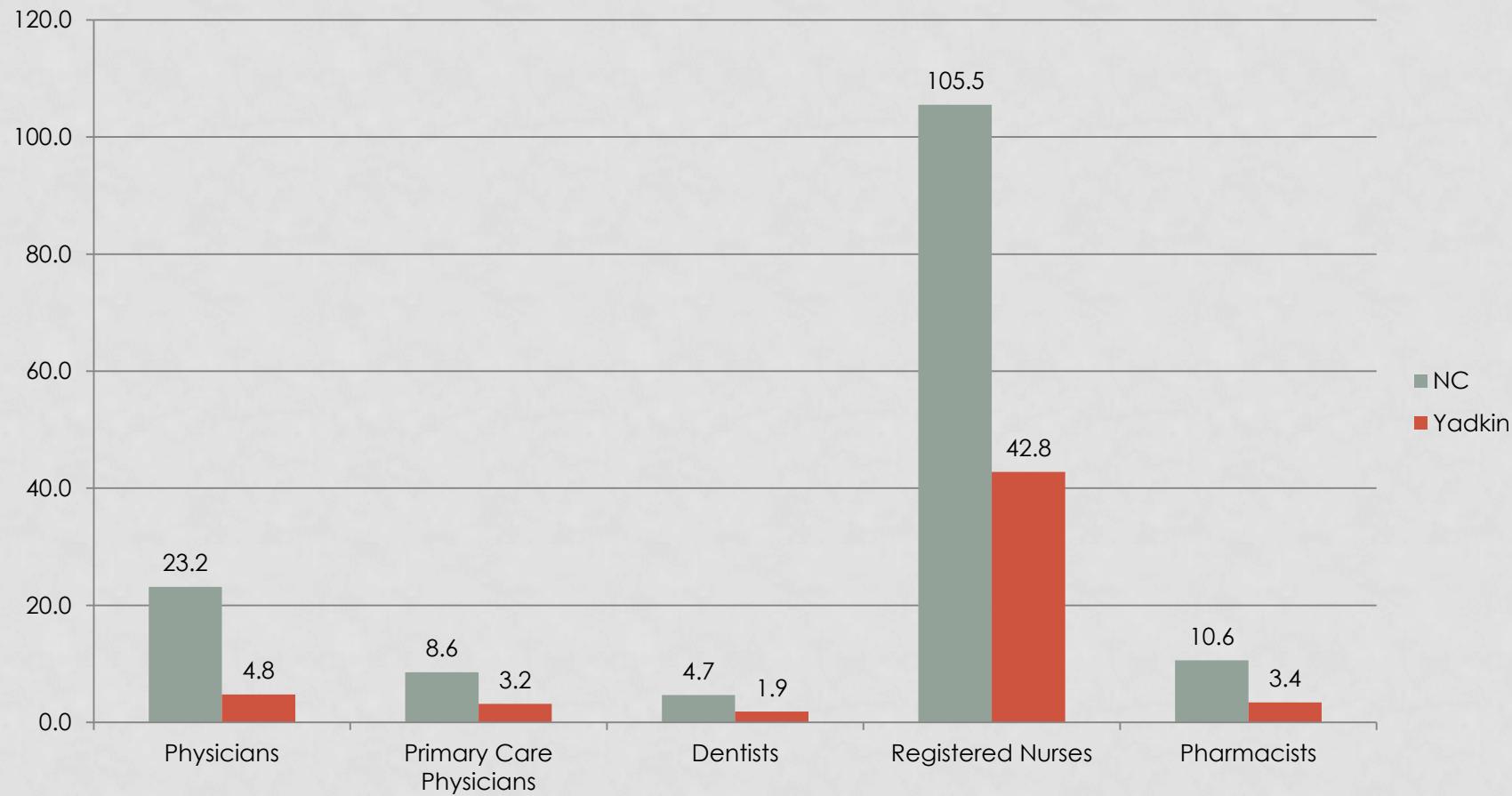
### Health Insurance Coverage and Providers



Yadkin falls behind the state rate for all health care providers, including physicians, NPs, PAs, RNs, and pharmacists. See the following table for rates. \*2012 most recent data



# HEALTH PROFESSIONALS *(PER 10,000)*



Source: NC Health Professionals Data Book

## CONTINUED HEALTH CONCERNS:

### Birth Risk Factors

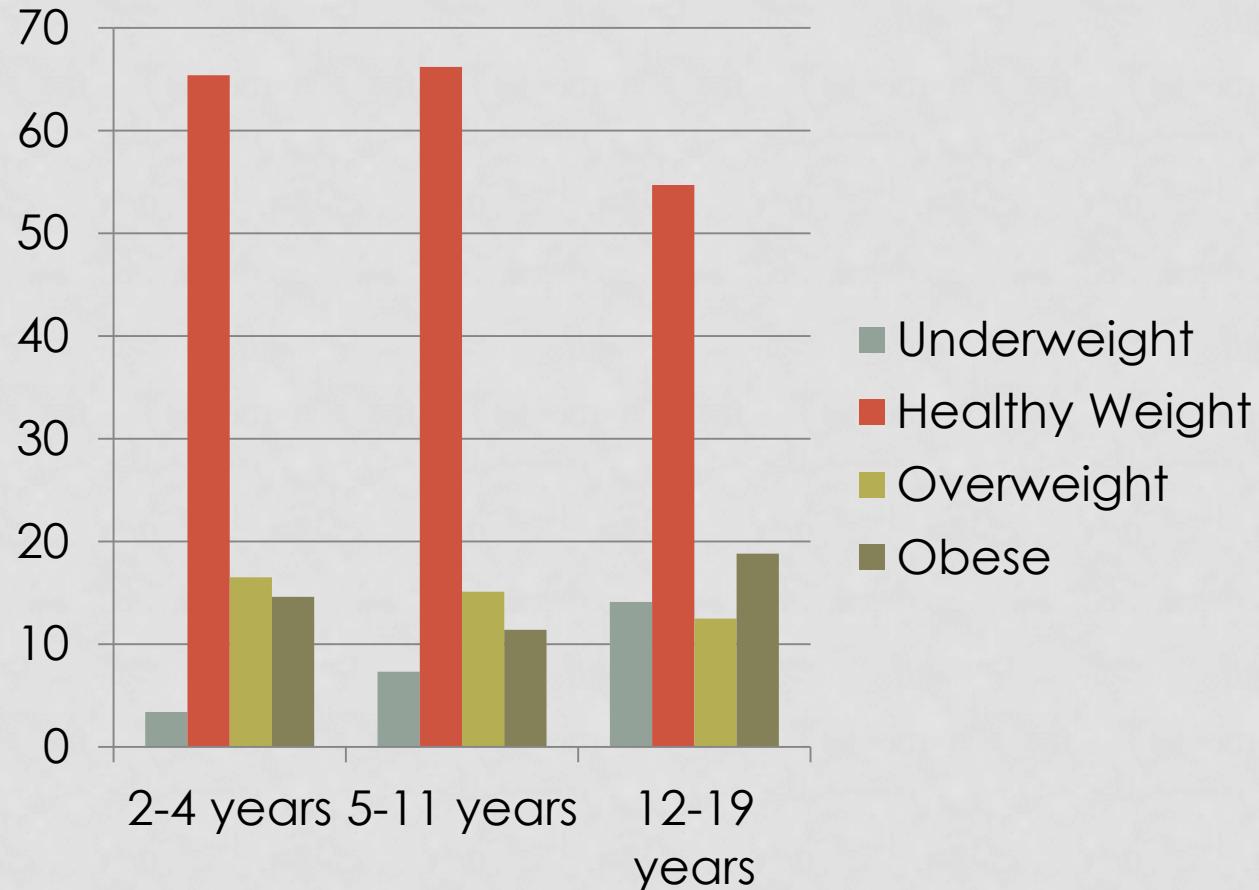
- Approximately 10% of infants were born preterm
- 10.8% of infants were born at a low birth weight
- 9 infants were born to women under the age of 18
- 18% of mothers had less than a high school education and 33% were unmarried
- 11% of births in 2015 were to a woman who received very late (third trimester) or no prenatal care
- 18.3% of babies were born to women who smoke
- Over 50% were overweight or obese pre-pregnancy

# CONTINUED HEALTH CONCERNS: NUTRITION & DIETARY

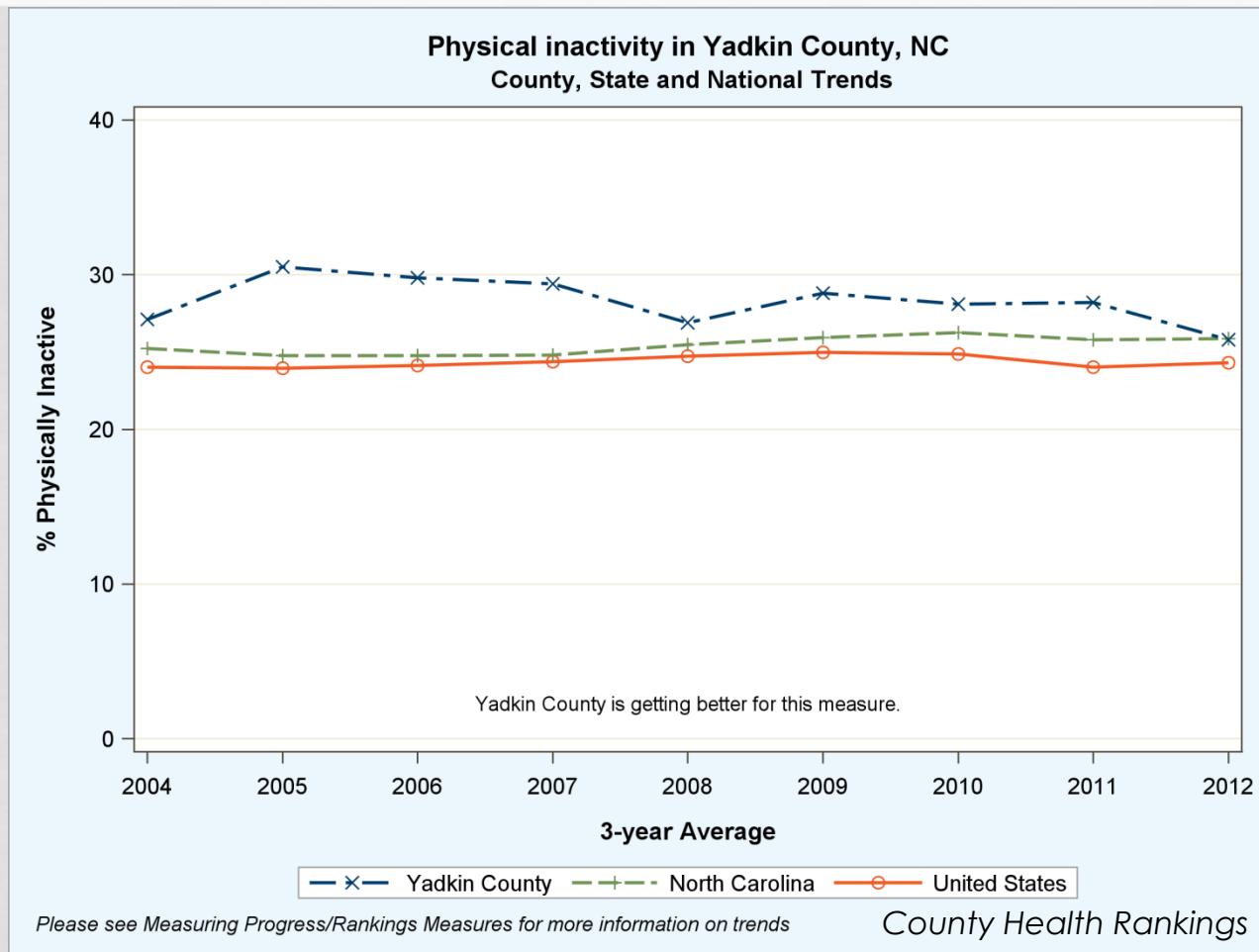
- Adults
  - 42.3% of adults reported consuming fruit less than one time daily.
  - 22.4% of adults reported consuming vegetables less than one time daily.
- Adolescents
  - 42.7% of adolescents reported consuming fruit less than one time daily.
  - 38.7% of adolescents reported consuming vegetables less than one time daily.
- Nutrition access to healthy foods:
  - There are 2 farmers markets in the County, both located in Yadkinville, the County seat.
  - 14% of the population experiences food insecurity (NC is 18%) and of the 4,960 residents who experience food insecurity, 16% are not eligible for SNAP or other nutrition programs
  - Food insecurity in Yadkin County is 13.0%
    - for children under age 18 is 25.6% (NC is 24.6%)

# CONTINUED HEALTH CONCERNS: OBESITY

- Adults
  - 32% of adults were obese
- Adolescents
  - 31.3% of children 12-19 are overweight or obese
- Children
  - 30% of children 2-11 are overweight or obese



# CONTINUED HEALTH CONCERNS: PHYSICAL ACTIVITY



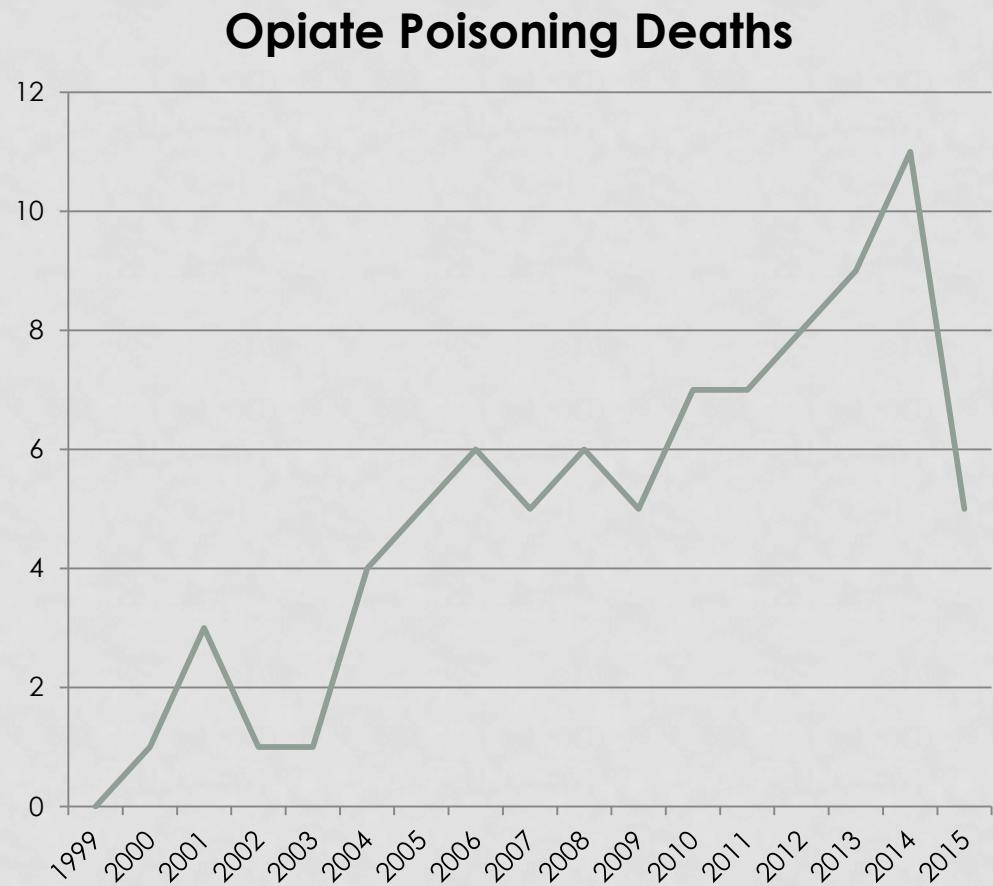
- 26% of adults report being physically inactive

# CHILD HEALTH: SNAP SHOT

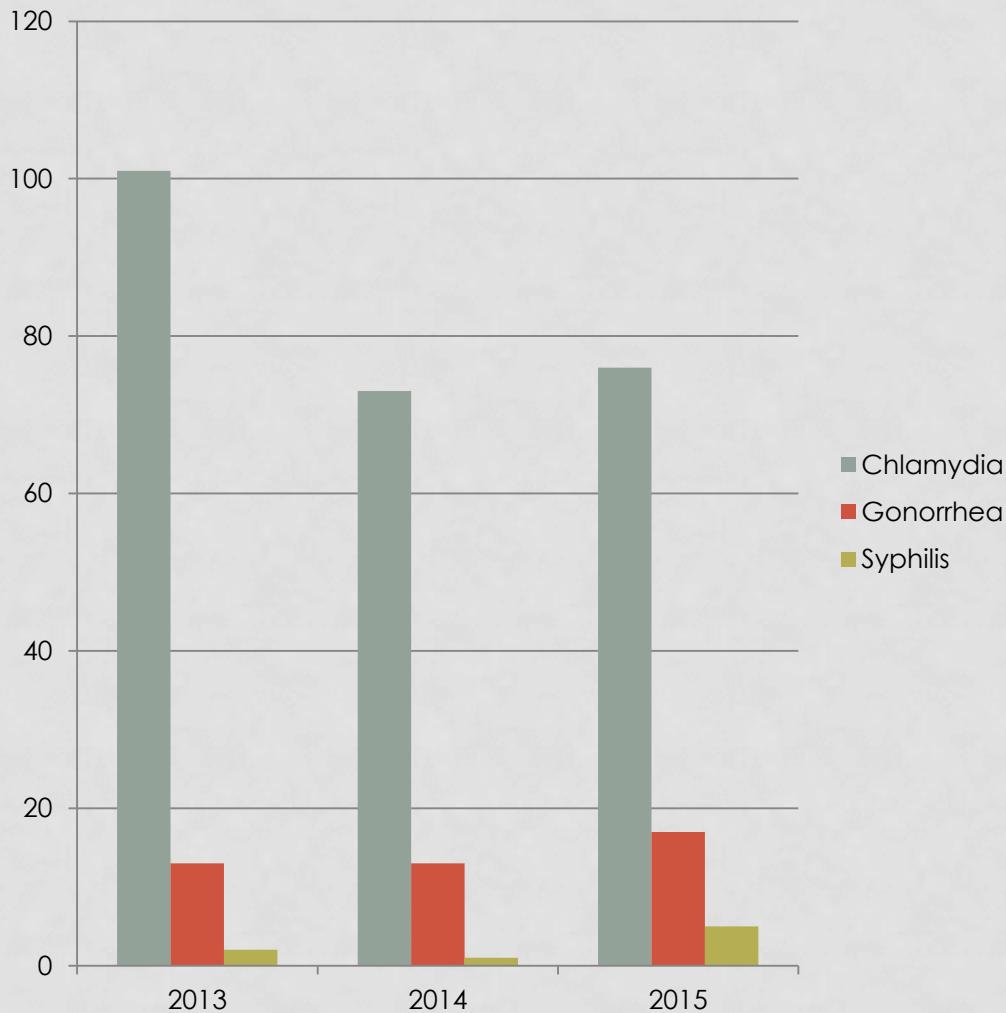
- 1 in 4 (8,700) residents is under the age of 18
- 29.7% of children are in poverty
- 27.1% of children in Yadkin live in food insecure households
- 8.9% of children are considered uninsured
- 10.2% are below 200 percent of the poverty level.
- The County infant death rate is 7.8 per 1,000 live births
  - 4 deaths of children 0-17 years (2015)
  - 2 were under 1 year of age
  - Deaths were from prenatal conditions, SIDS, or illness

# POISONING DEATHS (2009-2015)

- 5 total deaths due to poisoning in 2015, 104 from 2009-2015
- The 5 deaths in 2015 were unintentional. Of the 104, 92% were unintentional
- The unintentional poisoning mortality rate for Yadkin is 27 per 100,000 residents
  - More than twice the state rate, 13
- Of the 5 deaths in 2015, 2 were from heroin and 3 were prescription opiates



# COMMUNICABLE DISEASE/STDs



- There were 124 confirmed cases of communicable disease
- 98 of these, or 79%, were bacterial STDs
- The average age of the confirmed STD patient was 25, with ages ranging from 15 to 52.
  - 21, or 21%, were between 15-19 years old
- 2 new cases of HIV, no new cases of AIDS

# EMERGING HEALTH ISSUES

YADKIN COUNTY SOTCH REPORT

# EMERGING ISSUES

- The following areas are a concern, as the numbers continue to increase over time:
  - Chronic Diseases
    - Cardiovascular disease
    - Heart disease
    - Stroke
    - Diabetes deaths
  - Unintentional injury (including accidental overdose)
  - Suicide
- Graphs showing the trends follow

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



# Diabetes Deaths

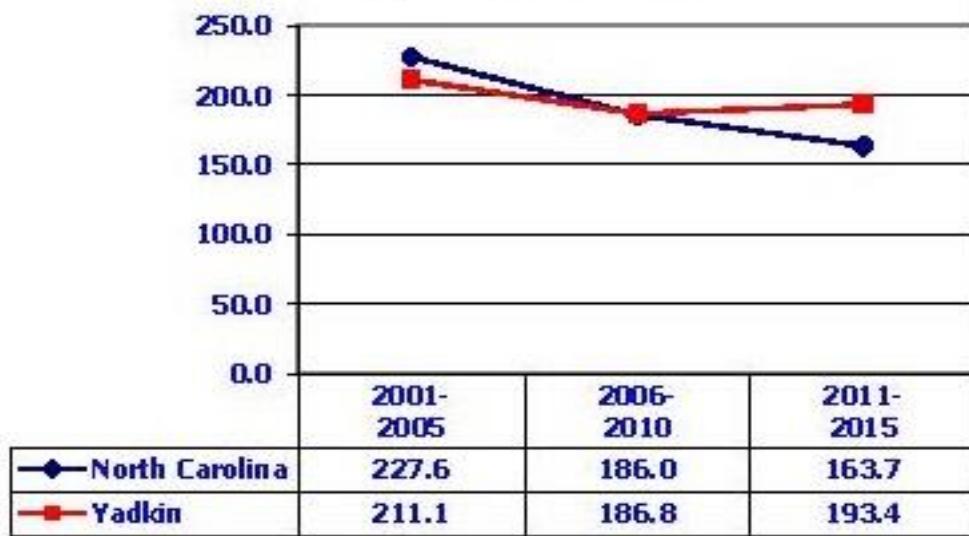
## Cardiovascular Disease Deaths

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



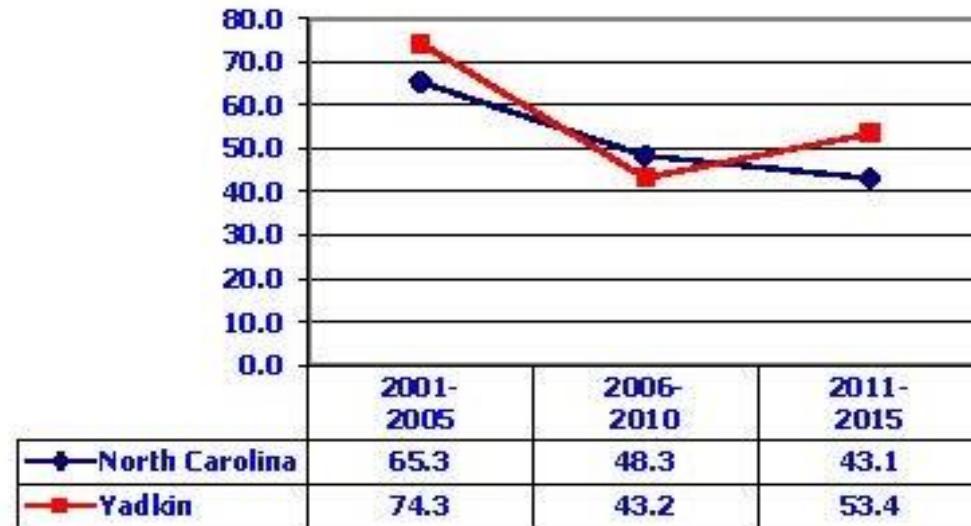
# Heart Disease Deaths

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



# Stroke Deaths

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



# Suicide Deaths

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



# Unintentional Injury Deaths

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



# COMMUNITY HEALTH ASSESSMENT: PRIORITIES, ACTIONS PLANS, & PROGRESS

YADKIN COUNTY SOTCH REPORT

## LACK OF PHYSICAL ACTIVITY AND PHYSICAL ACTIVITY OPPORTUNITIES IN YADKIN COUNTY

Priority 1

### Action Plan:

- WalkWorks

- By 2019, increase physical activity among 19-64 year olds by implementing evidence-based strategies that make walking in the community a safe and accessible pursuit. Program will reach 100 residents per year.

### Progress:

- The County had three school walking events
  - Two were walk at school events
  - There was one walk to school event
  - Approximately 1,000 students participated count-wide.

## PRESCRIPTION MEDICATION ABUSE AND ACCIDENTAL OVERDOSES

Priority 2

### Action Plan:

- Naloxone dispensing campaign
- By 2019, establish a working Naloxone dispensing program at the local health department, with an educational component. Evidence will show 6 kits will be dispensed per year over 4 years.

### Progress:

- Policy and standing order are written
- Key staff trained in implementation
- 12 initial kits have been purchased
- Still need: method to conduct on-site kit education and marketing plan

## HEALTH ISSUES RELATED TO CHRONIC DISEASE SUCH AS HEART DISEASE AND DIABETES

Priority 3

### Action Plan:

- Chronic Disease Self-Management
  - 65% of participants will report increased strength and stamina through better fitness within 6 weeks.

### Progress

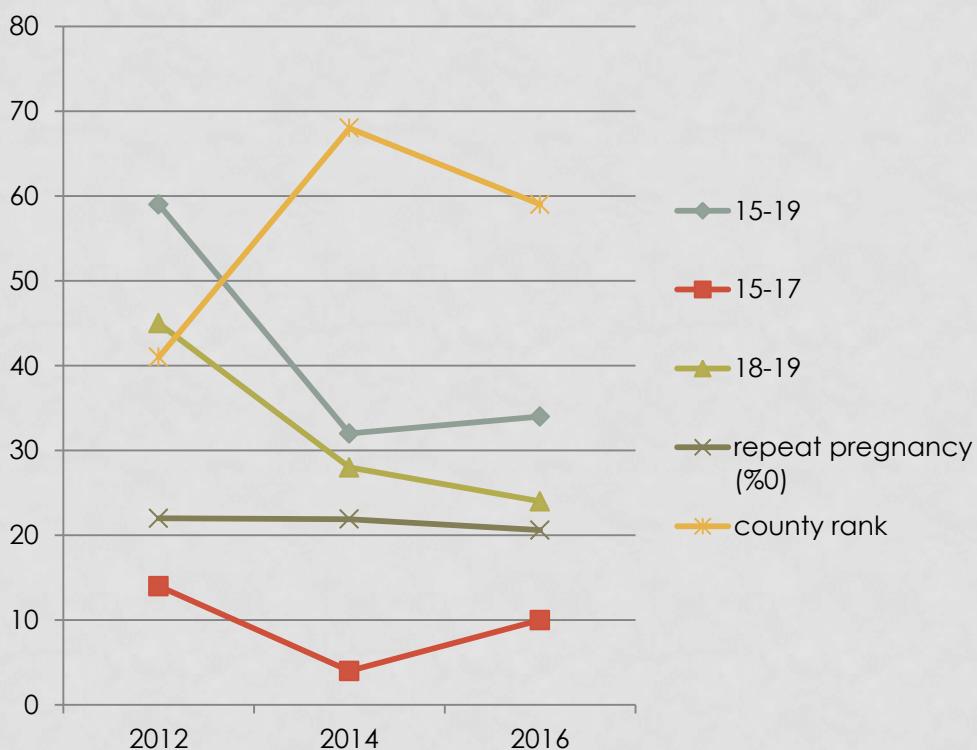
- Health Educator on staff is trained in the curriculum
- PTRC coordination to scheduled course
- Marketing of the course was implemented
- Course was cancelled due to lack of participants.
- Will try again spring/early summer

# TRENDING DATA:

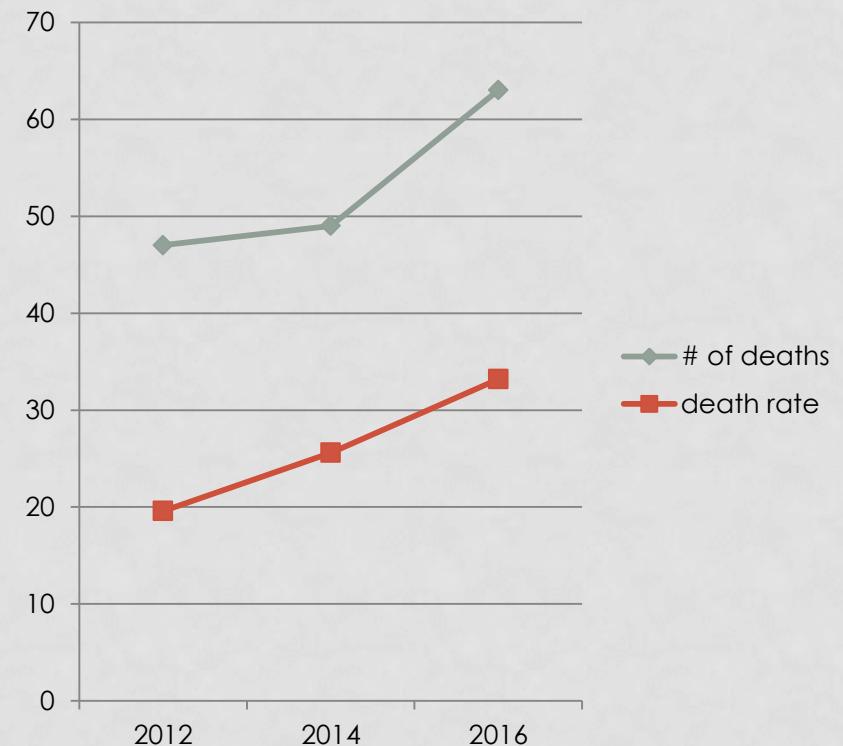
	2012	2014	2016
<b>Teen Pregnancy: total rate</b>	50.3/1,000	28.2/1,000	29.5/1,000
<i>By age group</i>	14 (15-17); 45 (18-19)	4 (15-17); 28 (18-19)	10 (15-17); 24 (18-19)
<i>Repeat pregnancies</i>	22%	21.9%	20.6%
<i>Ranking</i>	41	68	59
<b>Diabetes: deaths</b>	47	49	63
<i>Rate</i>	19.6/100,000	25.6/100,000	33.2/100,000
<b>Dental Care: dentist ratio</b>	1.65/10,000	1.8/10,000	1.9/10,000
<b>Obesity</b>	30%	30%	32%

# TRENDING DATA: GRAPHS

## Teen Pregnancy

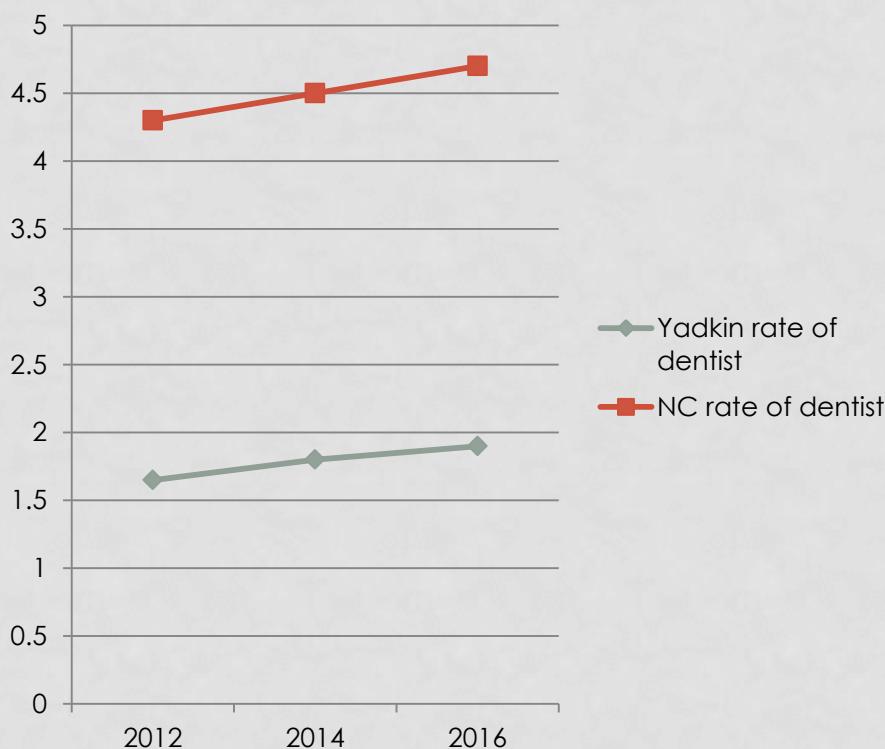


## Diabetes

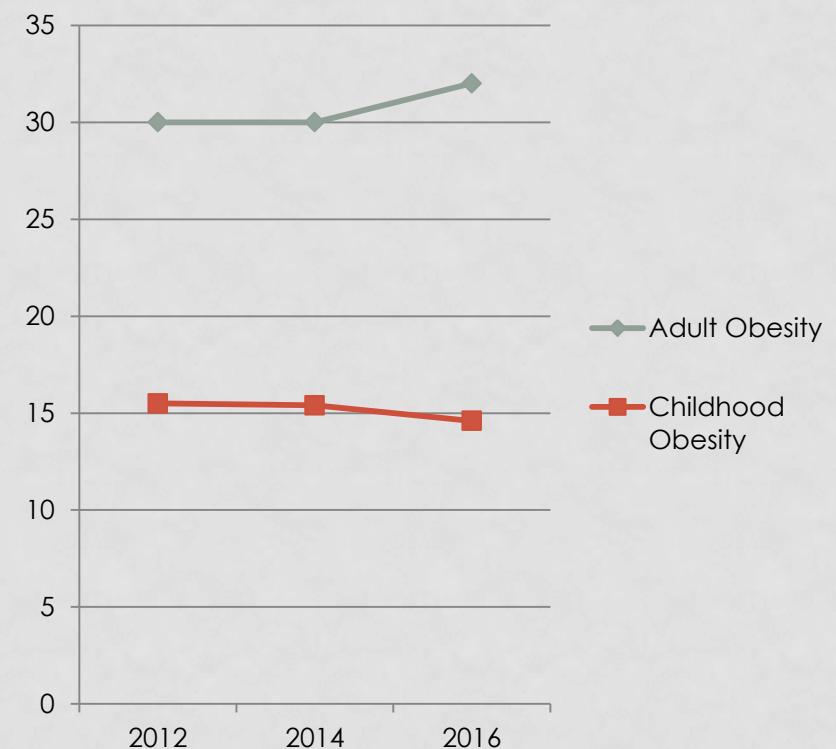


# TRENDING DATA: GRAPHS

## Access to Dental Care



## Obesity



## NEW INITIATIVES

- New private dental practice accepting Medicaid
- Dr. Allison Snider, direct primary care
- New urgent care facilities
- Fostering Minds, moved to the hospital

# SOURCES OF INFORMATION:

- NC State Center for Health Statistics
- Cecil G. Sheps Center for Health Services
- County Health Rankings
- NC Community Health Information Portal
- The State of Obesity ([stateofobesity.org](http://stateofobesity.org))
- Feeding America, “Map the Meal Gap”
- USDA: “Food Environment Atlas” & “Food Access Research Atlas”
- The Support Center, “Healthy Food Resources in NC”
- NC Child, “Yadkin Child Health County Data Card”
- NC State University, Institute for Emerging Issues
- WUNC



## YADKIN COUNTY HUMAN SERVICES AGENCY

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