

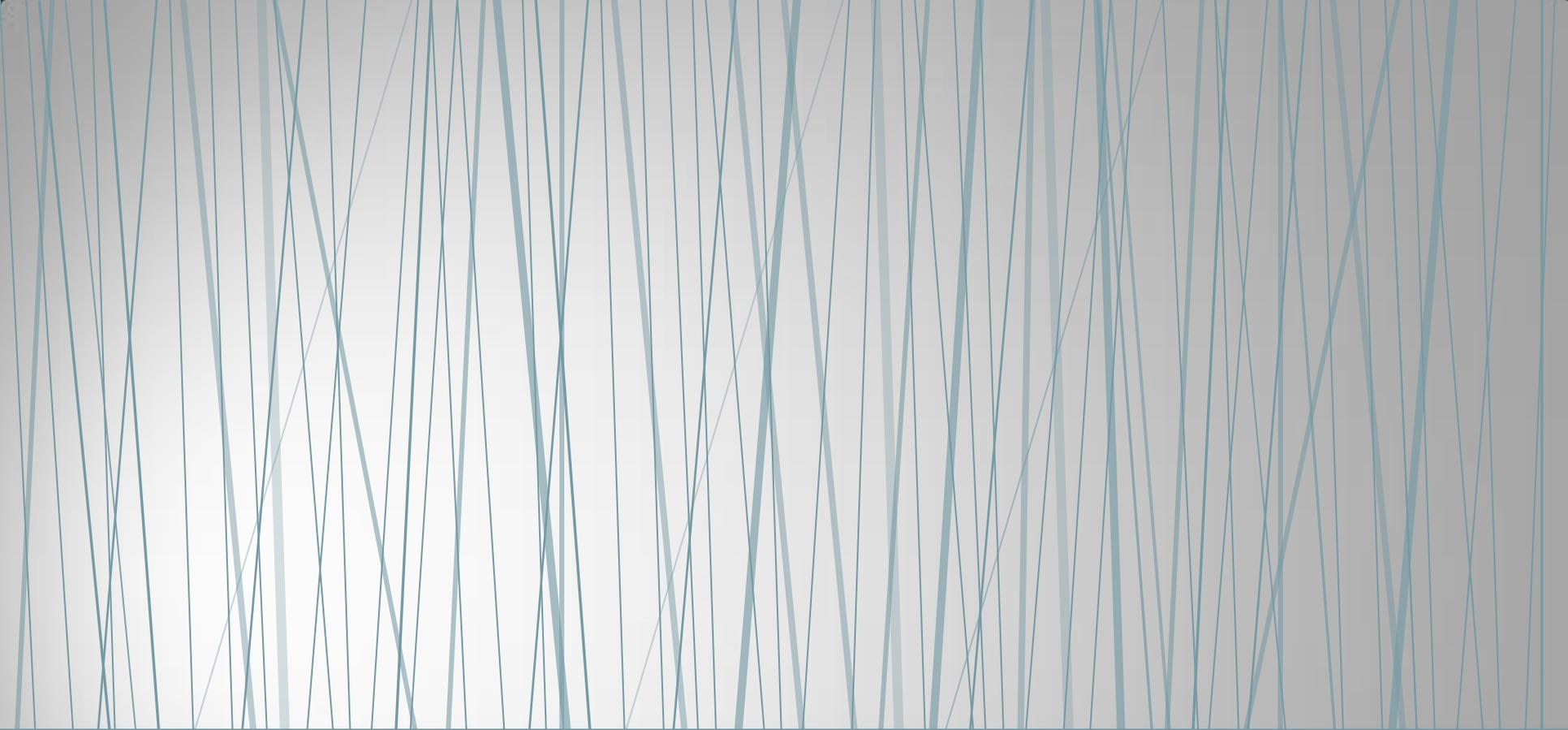
Yadkin County

2014

State of the County Health Report

Yadkin County SotCH Report

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



County Data

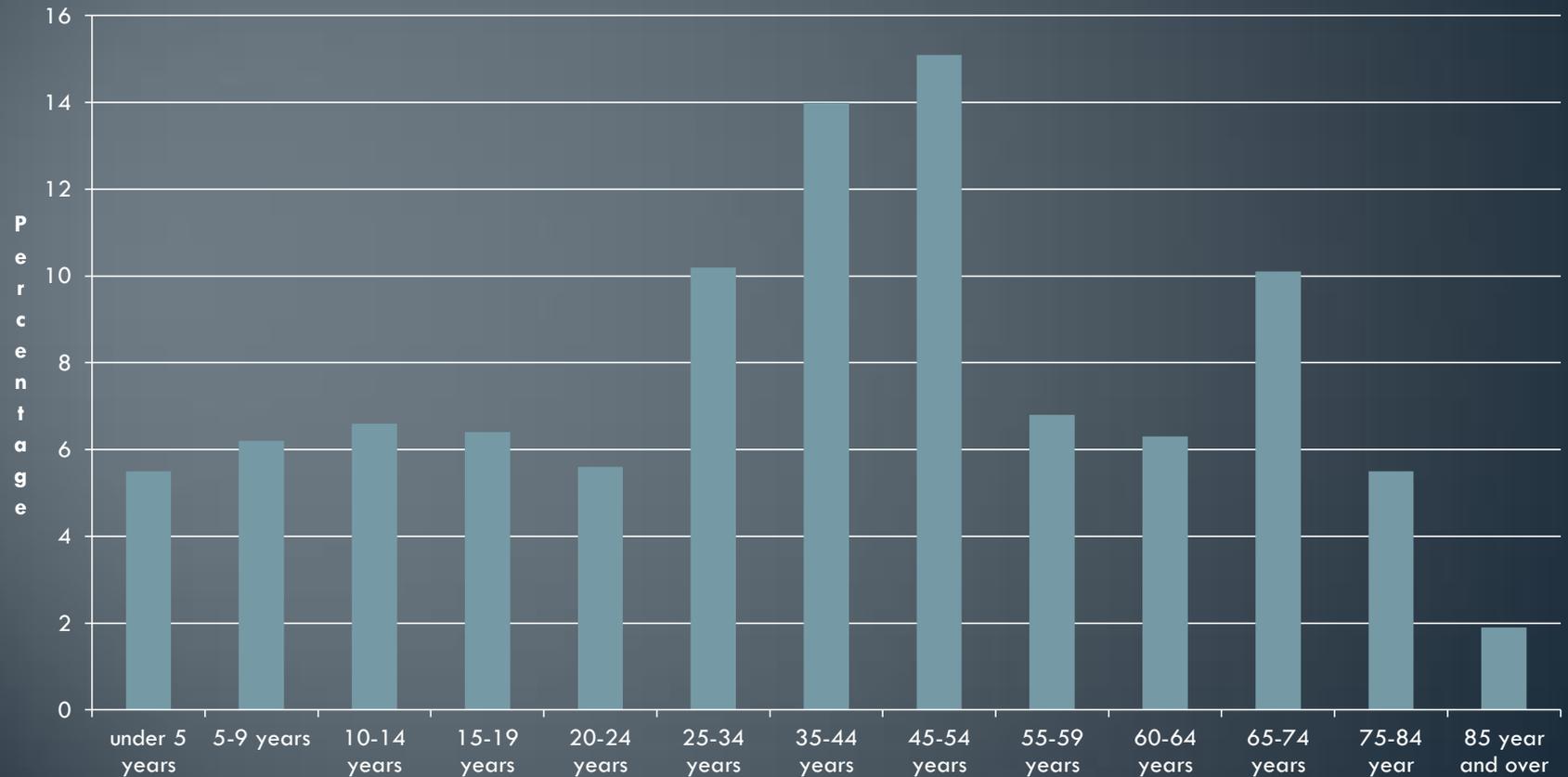
Yadkin County SotCH Report

County information: Snap Shot

People QuickFacts	Yadkin County	North Carolina
Population, 2014 estimate	38,038	9,943,964
Persons under 5 years, percent, 2013	5.4%	6.2%
Persons under 18 years, percent, 2013	22.1%	23.2%
Persons 65 years and over, percent, 2013	17.8%	14.3%
Female persons, percent, 2013	50.5%	51.3%
White persons, percent, 2013(a)	94.5%	71.7%
Black persons, percent, 2013(a)	3.4%	22.0%
Persons of Hispanic or Latino Origin, percent, 2013(b)	10.5%	8.9%
Language other than English spoken at home, percent age 5+, 2009-2013	9.2%	10.9%
High school graduate or higher, percent of persons age 25+, 2009-2013	78.8%	84.9%
Bachelor's degree or higher, percent of persons age 25+, 2009-2013	13.1%	27.3%
Median household income, 2009-2013	\$40,371	\$46,450
Persons below poverty level, percent, 2009-2013	18.5%	17.5%

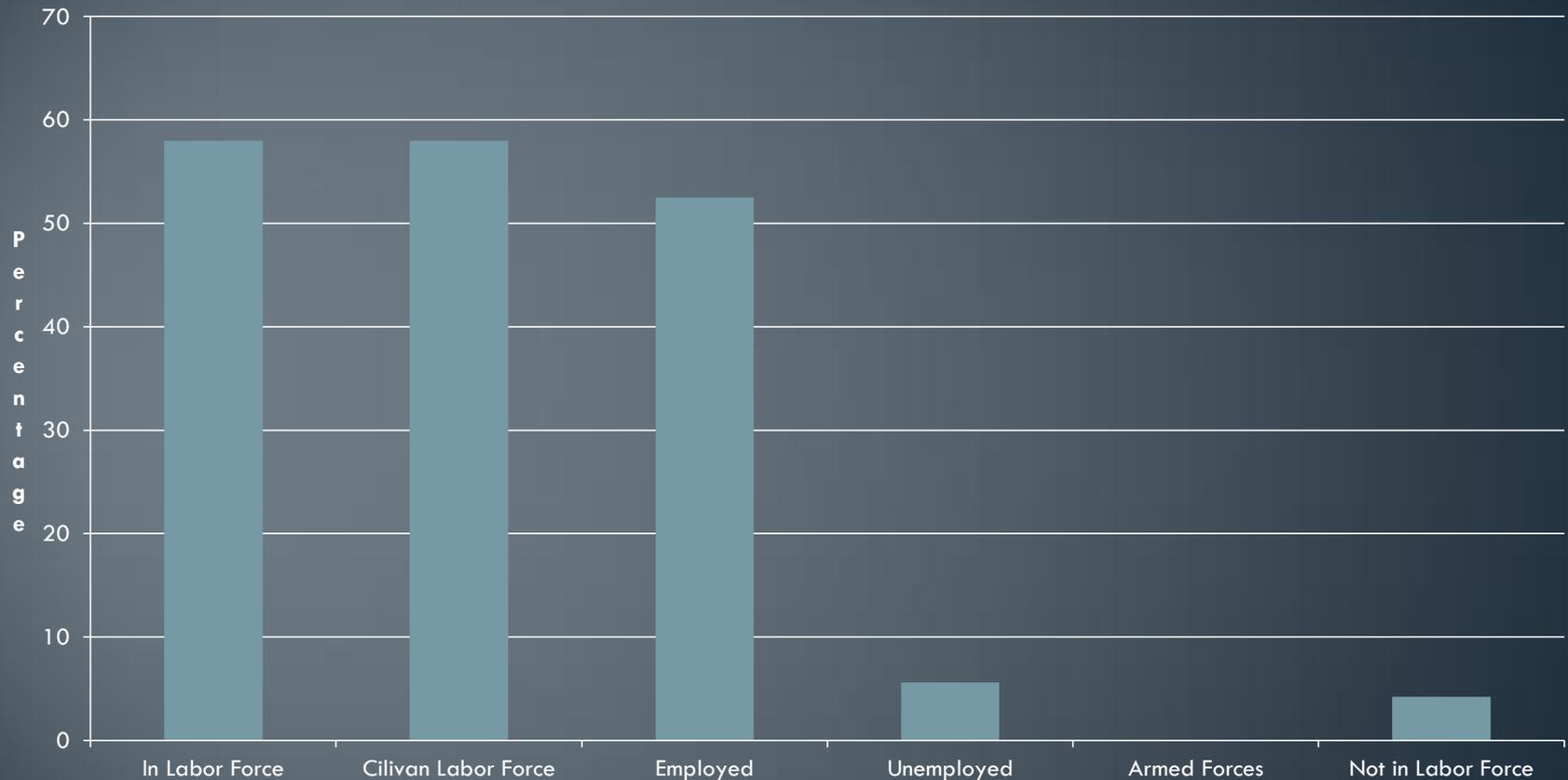
Population by Age (2011-2013)

Population by Age



Employment Status

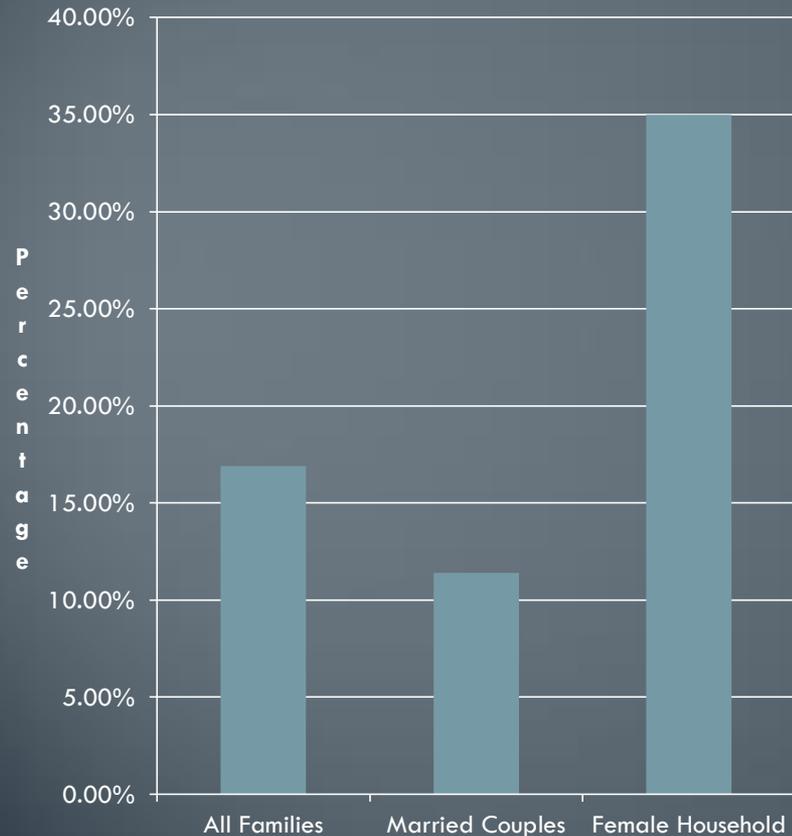
Of Population 16 years and over



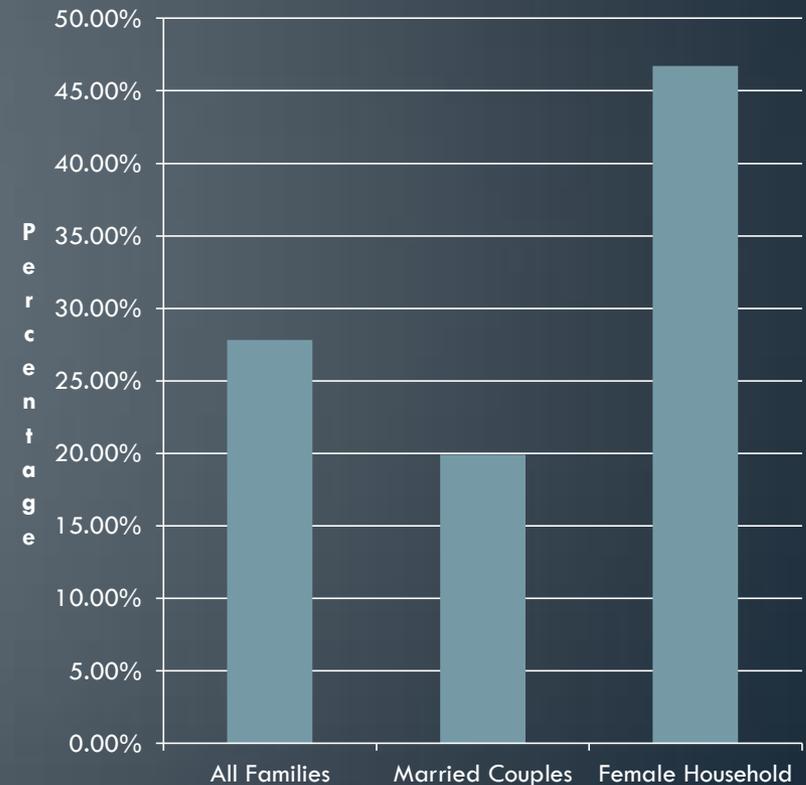
In Yadkin County, 2,540 families have children under 6, and of those, 49.1% have both parents working. The number of families with children between 6 and 17 is 5,733, and 49.1% of those families have both parents working.

Families Living in Poverty

All Families

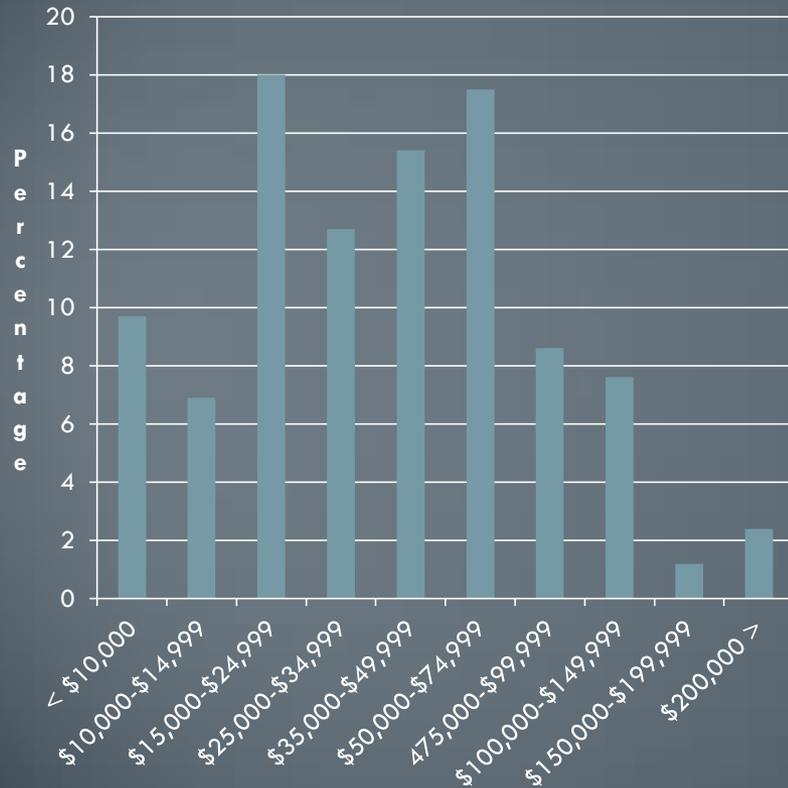


Families with related children under 18 years

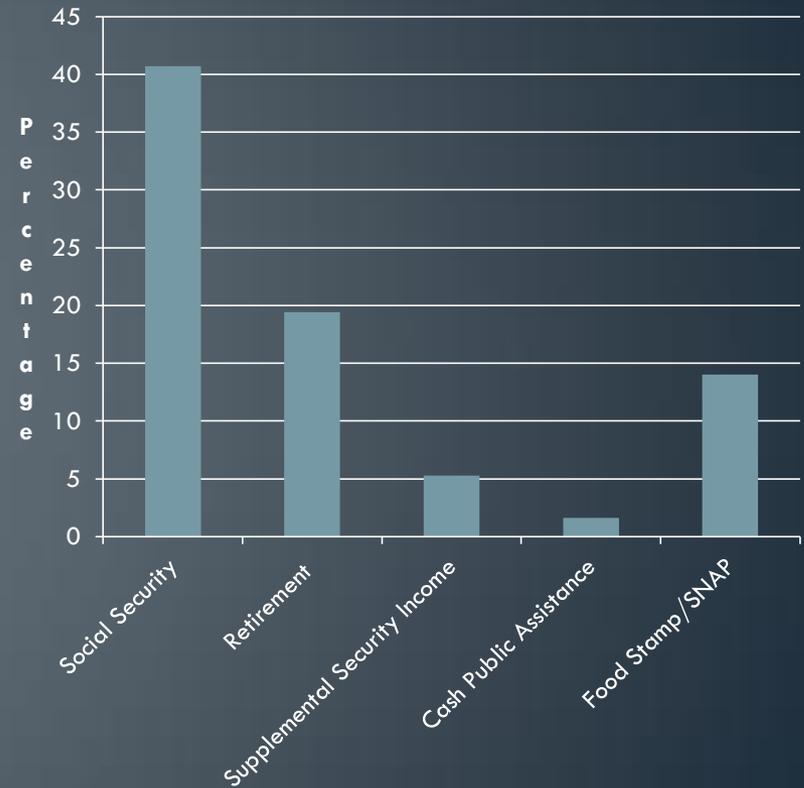


Income & Benefits

Total Household Income



Supplemental & Other Incomes



The average:

- Social Security income is \$15,519
- Retirement income is \$16,830
- Supplemental Security income is \$8,695
- Cash public Assistance is \$5,412

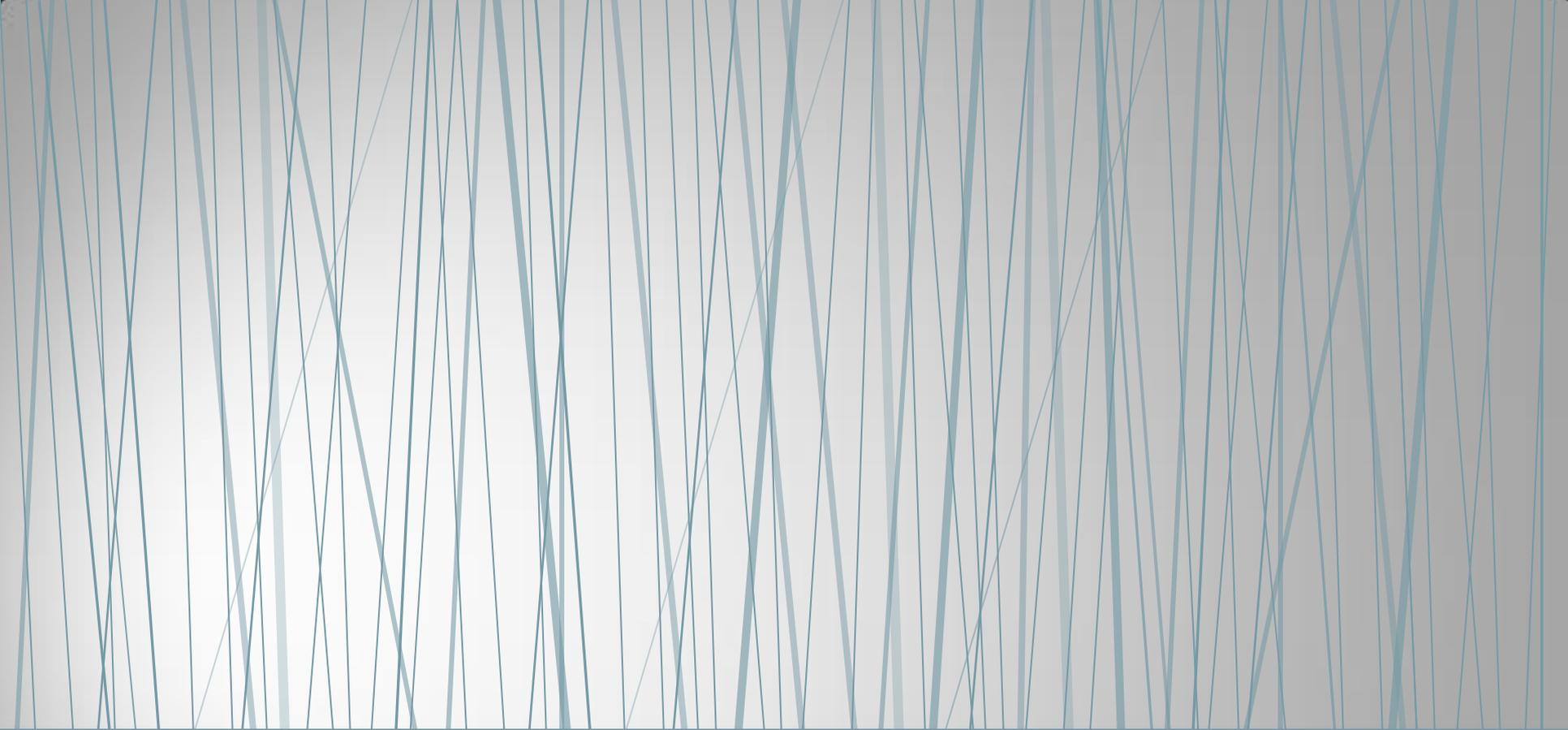
Hospital Utilization (Morbidity)

1. Cardiovascular & Circulatory Disease (737)
 - Heart Disease (489)
 2. Respiratory Disease (559)
 3. Digestive System Disease (459)
 4. Pregnancy/Childbirth (448)
 5. Injuries & Poisoning (400)
- Yadkin County residents were hospitalized 4,607 times.
 - Total charges associated with these stays: **\$146,662,998, or \$31,384 per stay**
 - *An average of 89 hospital visits of every 1000 visits (or 410 total) are preventable by addressing obesity, food insecurity, and smoking rates*
 - *This could prevent **\$13,052,274** in hospitalization costs per year*

LEADING CAUSES OF DEATH

		# OF DEATHS	DEATH RATE
RANK	CAUSE OF DEATH:		
0	TOTAL DEATHS - ALL CAUSES	2,010	1051.9
1	Diseases of the heart	477	249.6
2	Cancer – all sites	446	233.4
3	Chronic lower respiratory diseases	152	79.5
4	Cerebrovascular disease	111	58.1
5	Other Unintentional injuries	95	49.7
6	Alzheimer's disease	60	31.4
7	Pneumonia & influenza	58	30.4
8	Diabetes mellitus	49	25.6
9	Nephritis, nephrotic syndrome, & nephrosis	45	23.5
10	Septicemia	39	20.4

- This list includes all causes of deaths across all age groups
- In the **0-19** year old age group, the leading causes of death are pre-natal related/birth defects or unintentional injuries.
- In the **20-39** age group, most top causes of death are related to unintended injury, suicide, cancer, and motor vehicle accidents.
- In the **40-64** age group, the top causes of death are cancer, heart disease, and unintentional injury.
- The largest age group of deaths in the county are in the **65-84 age group** and these are related to chronic diseases such as cancer, heart and lung disease.



Continued Health Concerns

Yadkin County SotCH Report

Continued Health Concerns

From 2012 SotCH Report

- **Access to Health Information**
- **Access to Dental Care**
- **Cancer (prevention / early detection)**
- **Teen Issues**
- **Obesity**
- **Access to Care**

From 2013 SotCH Report

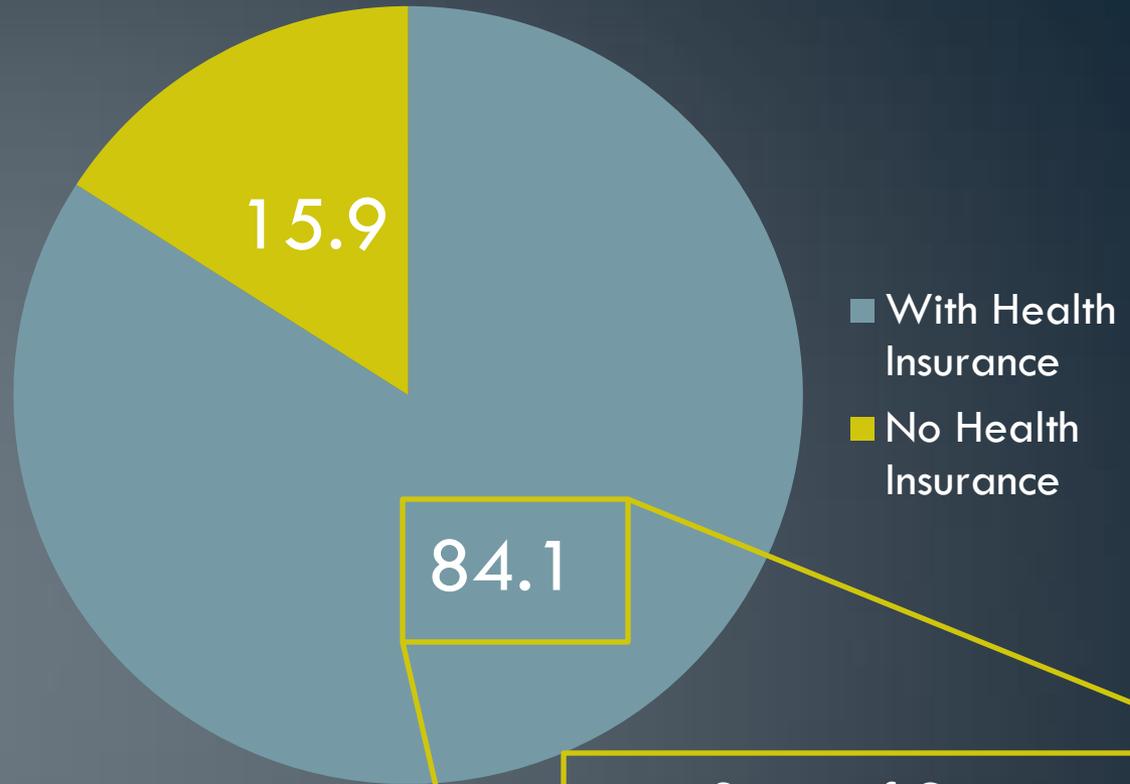
- **Prescription drug abuse/overdose**
 - Unintentional poisoning
- **Sexual Health**
 - STD rates
- **Teen Pregnancy**
- **Access to fresh fruits/vegetables**

Continued Health Concerns: Data

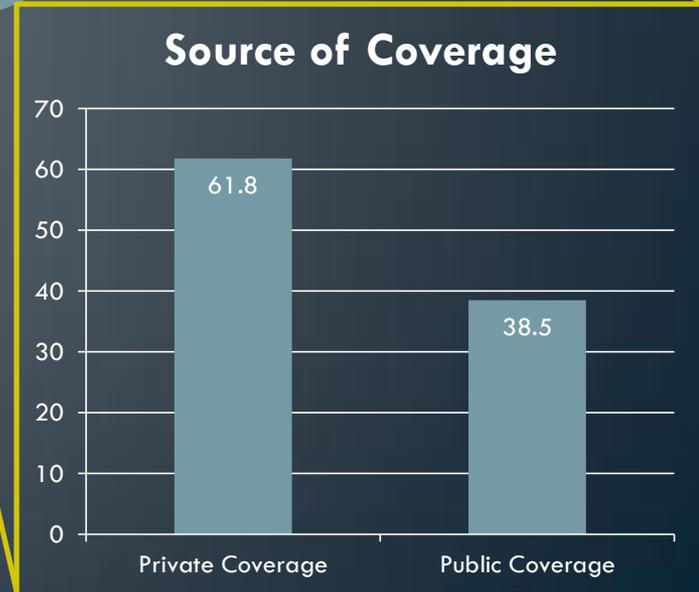
- Teen Pregnancy: 30% decrease
 - Teen pregnancies (15-19): **32** or **28.2/1,000** (2013)
 - 15-17: 4
 - 18-19: 28
 - Repeat pregnancies: 21.9%
- Cancer (4 year rates)
 - Incidence: 1142 cases; 473.1/100,000 (NC rate is 488.9/100,000)
 - Cancer mortality: 446 deaths; 180.7/100,000 (NC rates is 173.5/100,000)
 - This highest incidence and death of cancer is related to lung cancer, which is one of the most preventable cancers.
- Dental Health:
 - Yadkin's rate of dentists, 1.8/10,000, had maintained, while the statewide rate has increased from 4.3 to 4.5/10,000.
 - Yadkin currently has no dental provider that accepts Medicaid
 - 54.8% of Medicaid children are receiving dental care
 - Average number of missing/decayed teeth in children is 2.1

Continued Health Concerns:

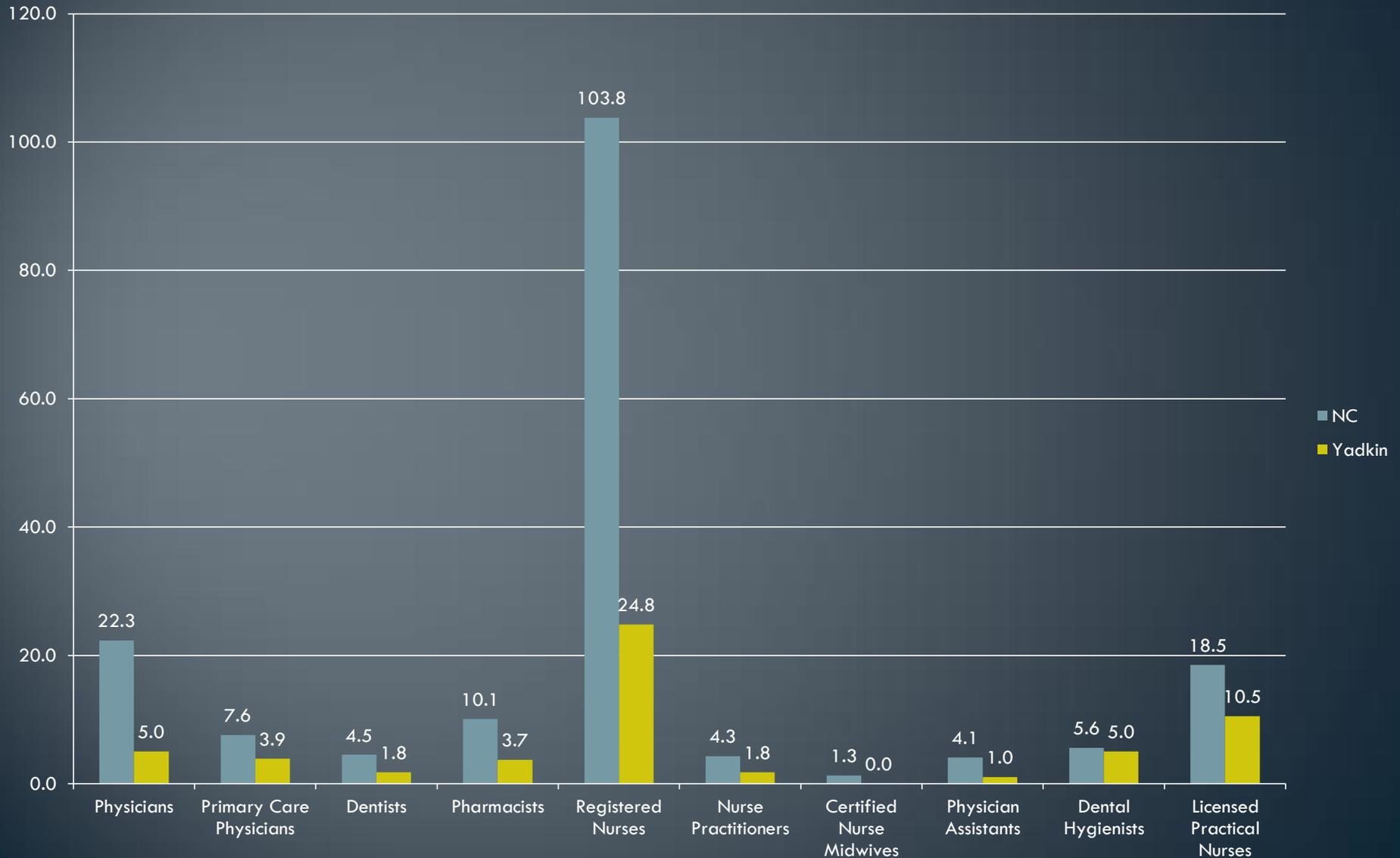
Health Insurance Coverage and Providers



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



Health Professionals *(per 10,000)*



Continued Health

Concerns:

Birth Risk Factors

- Over 12% of infants were born preterm
- Over 10% were born at a low birth weight
- 4 infants were born to women under the age of 18
- 24% of mothers had less than a high school education and 34% were unmarried
- Prenatal care began late in 18% of all births
- 18% of mothers reports smoking during pregnancy
- Over 50% were overweight or obese pre-pregnancy

Continued Health Concerns: Data

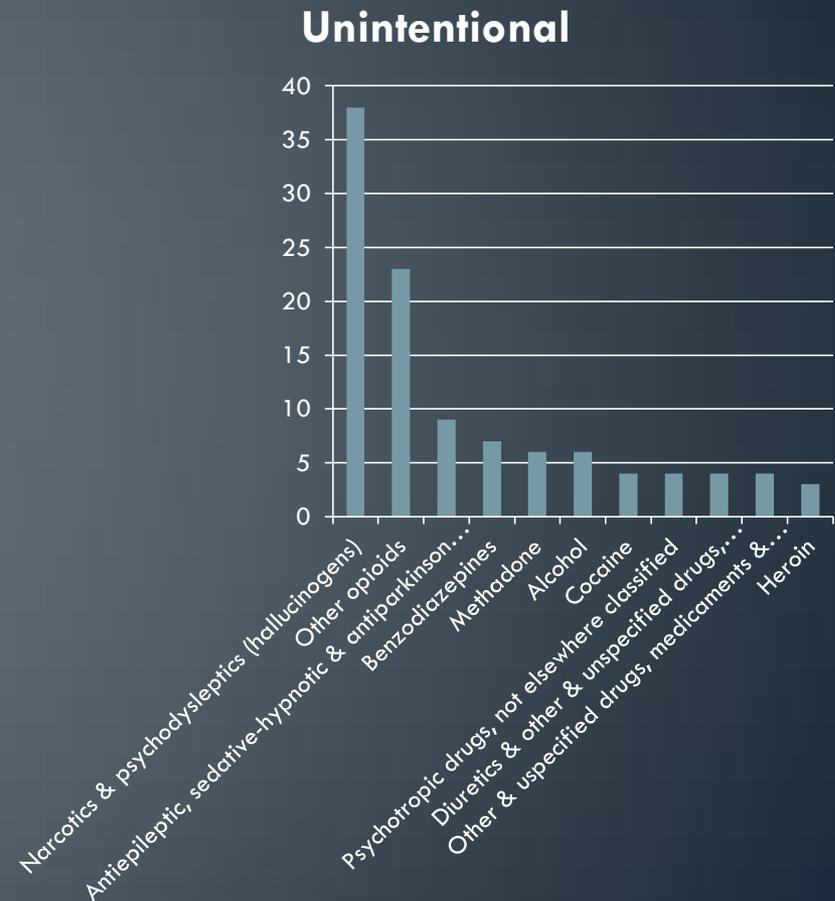
- **Nutrition access to healthy foods:**
 - 16.8% of adults report eating the 5+ fruits/vegetables per day
 - 42.6% of food establishments in Yadkin County are considered “fast food”
 - There are 2 farmers markets in the County, both located in Yadkinville, the County seat.
 - Approximately 15-19% of the population experiences food insecurity (NC is 17.3%) and the County has 2 food deserts (NC has 349 total).
 - Food insecurity for children under age 18 is 27.6%
- **Obesity:**
 - In NC, 29.4% were obese (BMI 30 or greater)
 - Yadkin has an age-adjusted obesity rate of 30%
- **Physical Inactivity:**
 - In NC, 25% were considered inactive
 - Yadkin has an age-adjusted physical inactivity rate of 26.8%

Child Health: SNAP SHOT

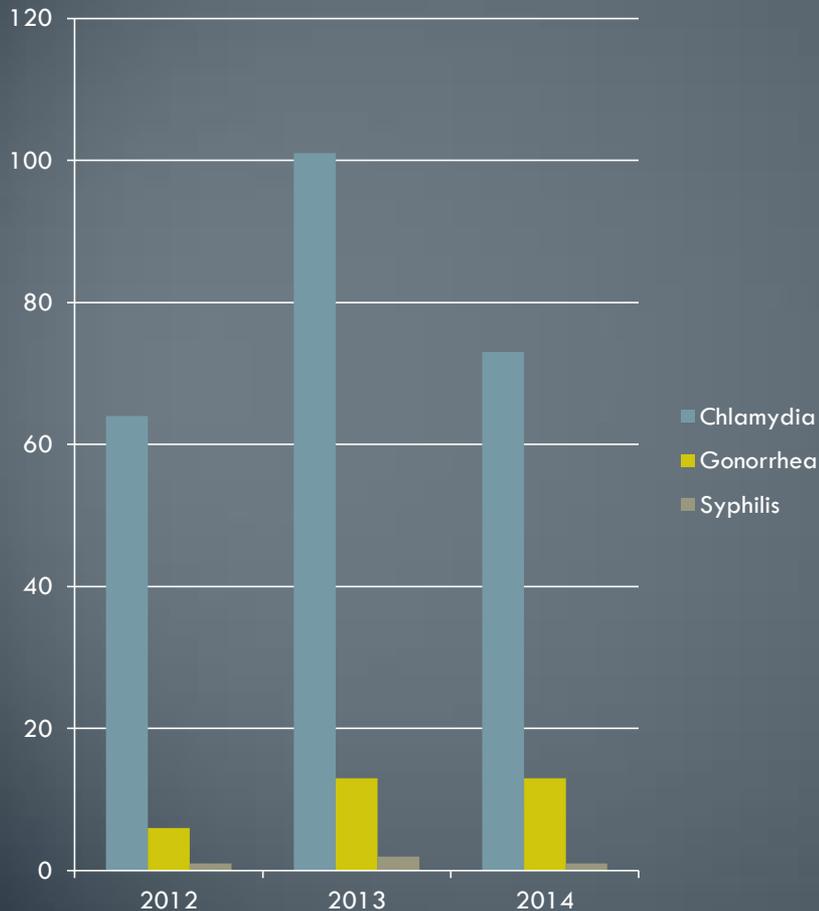
- Child poverty in Yadkin has increased **49%** since 2007 (ncchild.org)
- Public health enrollment in Medicaid and NC Health Choice totals **4,641**, or **54.5%** of the 0-18 population (NC is 49.6%)
- Only **60.5%** of Medicaid enrolled children are receiving preventative care
- **68.1%** were screened for elevated blood lead; NC is 52%
- There were **389** investigations of abuse or neglect
 - 72 cases were substantiated
 - State comparison: 4.5% of Yadkin children were investigate, NC was 5.8%; 18.7% of Yadkin cases were substantiated while NC 8.3% were substantiated.

Poisoning Deaths (2009-2013)

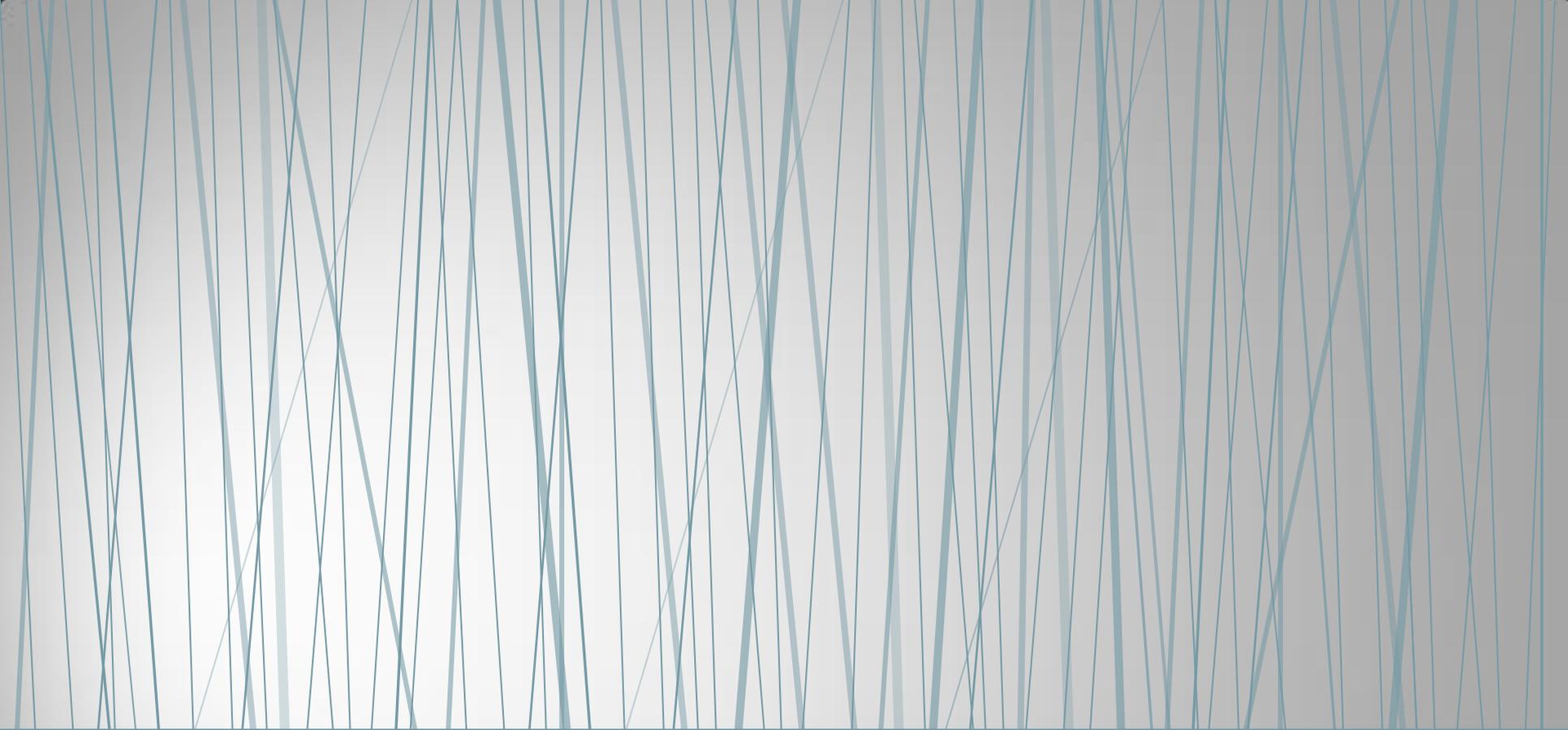
- 49 total deaths due to poisoning
- 38, or 77%, were unintentional
- The unintentional poisoning mortality rate for Yadkin is 22.1 per 100,000 residents
 - Twice the state rate, 11.1
- Most unintentional poisonings were from some form of narcotics or opioid (heroin, methadone, cocaine, etc.)



Communicable Disease/STDs



- There were 107 confirmed cases of communicable disease
- 87 of these, or 81%, were bacterial STDs
- The average age of the confirmed STD patient was 22, with ages ranging from 15 to 47.
 - 18, or 21%, were between 15-18 years old
- The majority of STD cases were white, female
- 3 new cases of HIV, 2 new cases of AIDS

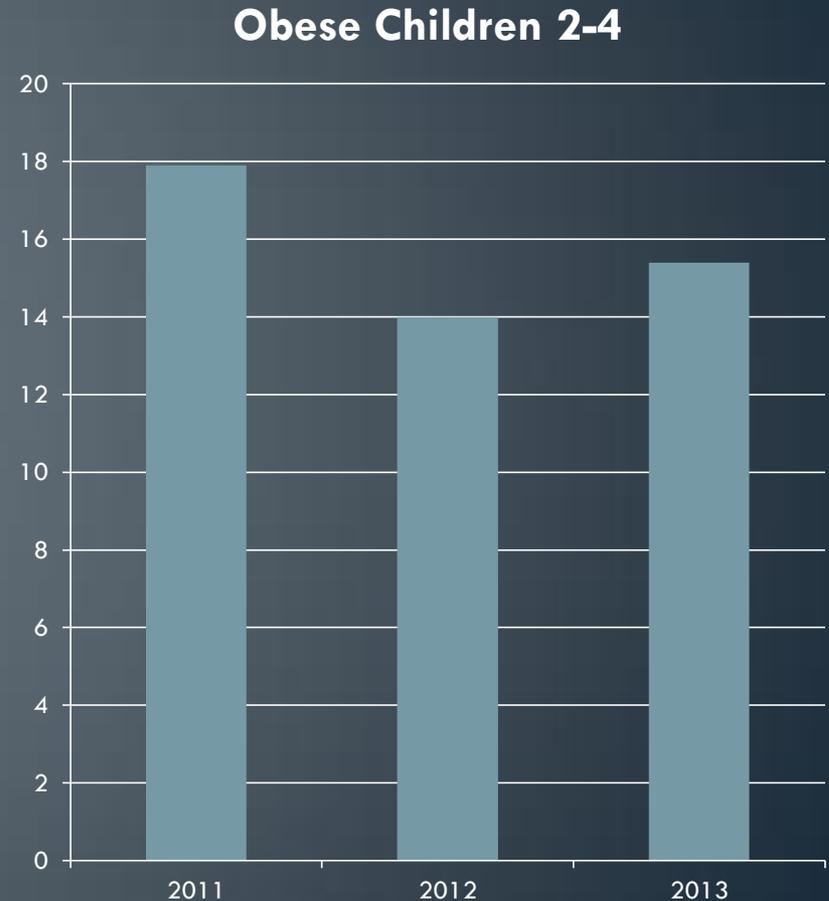


Emerging Health Issues

Yadkin County SotCH Report

Childhood Obesity

- Has been a concern in the past
- Many programs and targets have been put in place
- Numbers are still high are coming back up

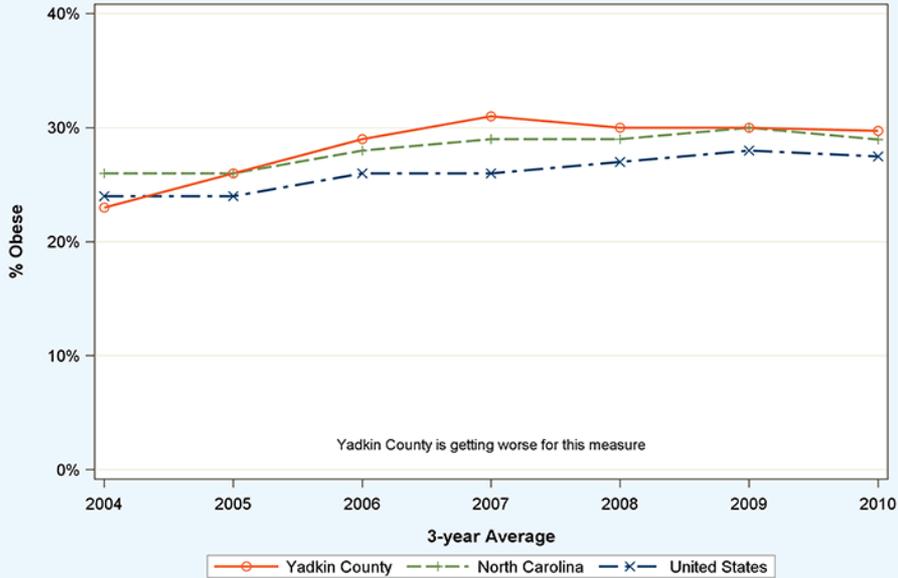


Other Emerging Issues

- The following areas are a concern, as their numbers continue to increase over time:
 - STDs: Chlamydia
 - Physical inactivity
 - Number of residents uninsured
 - Children living in poverty
- Graphs showing the trends follow

Adult Obesity

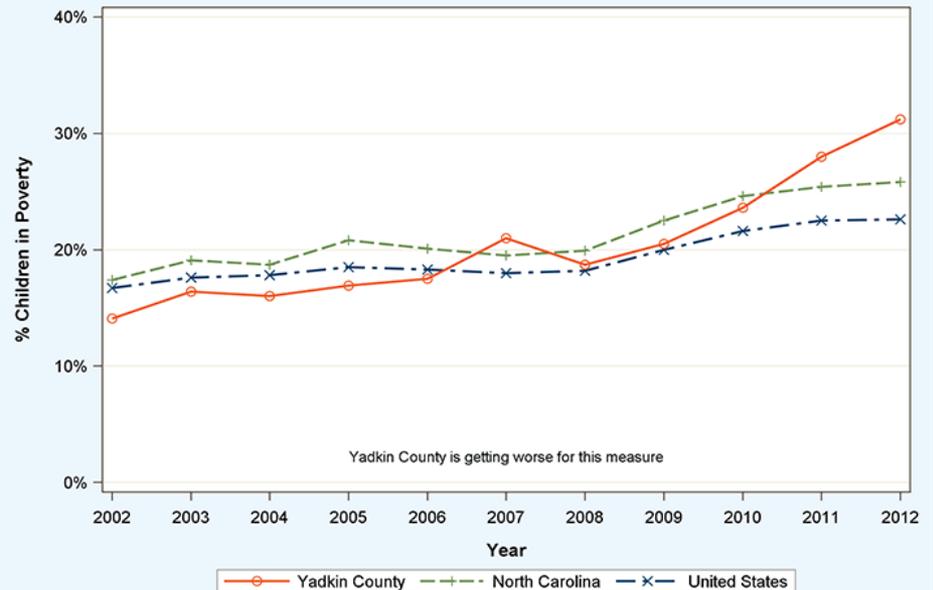
Adult obesity in Yadkin County, NC
County, State and National Trends



Note: Starting with the 2010 data, a new BRFSS methodology was introduced that included cell phone users. Data from prior years should only be compared with caution.

Children in Poverty

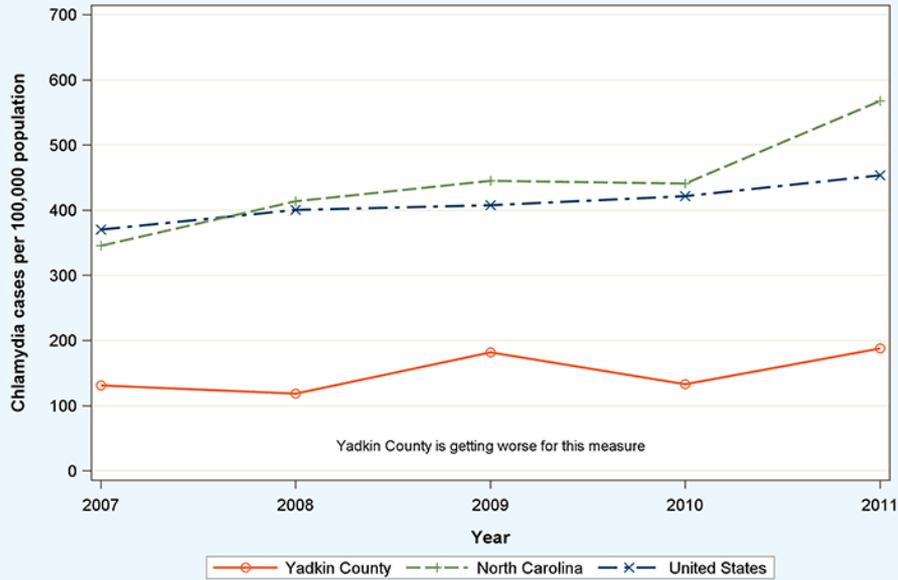
Children in poverty in Yadkin County, NC
County, State and National Trends



Note: Prior to 2005, children in poverty was based on the Current Population Survey; beginning in 2005, it was based on the American Community Survey.)

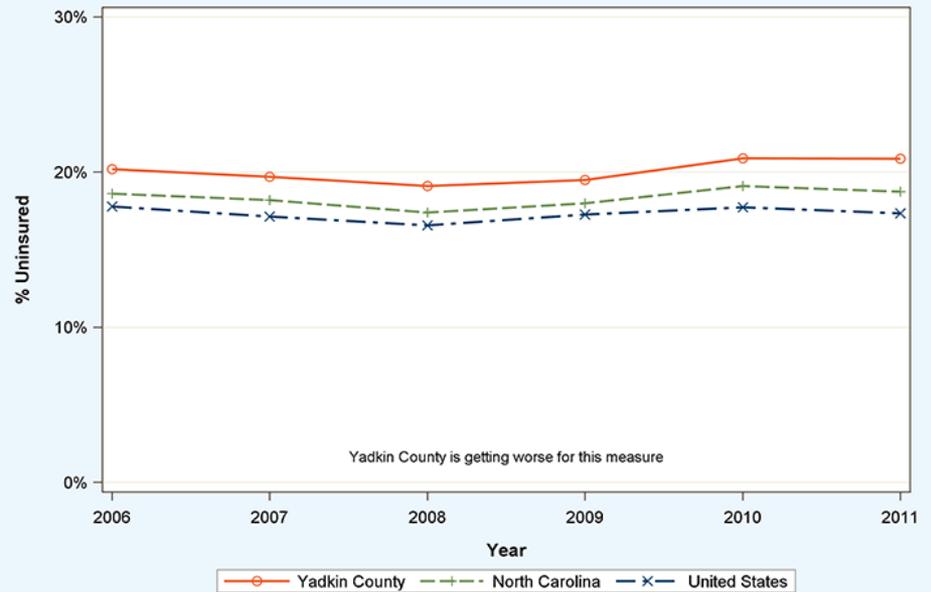
Chlamydia

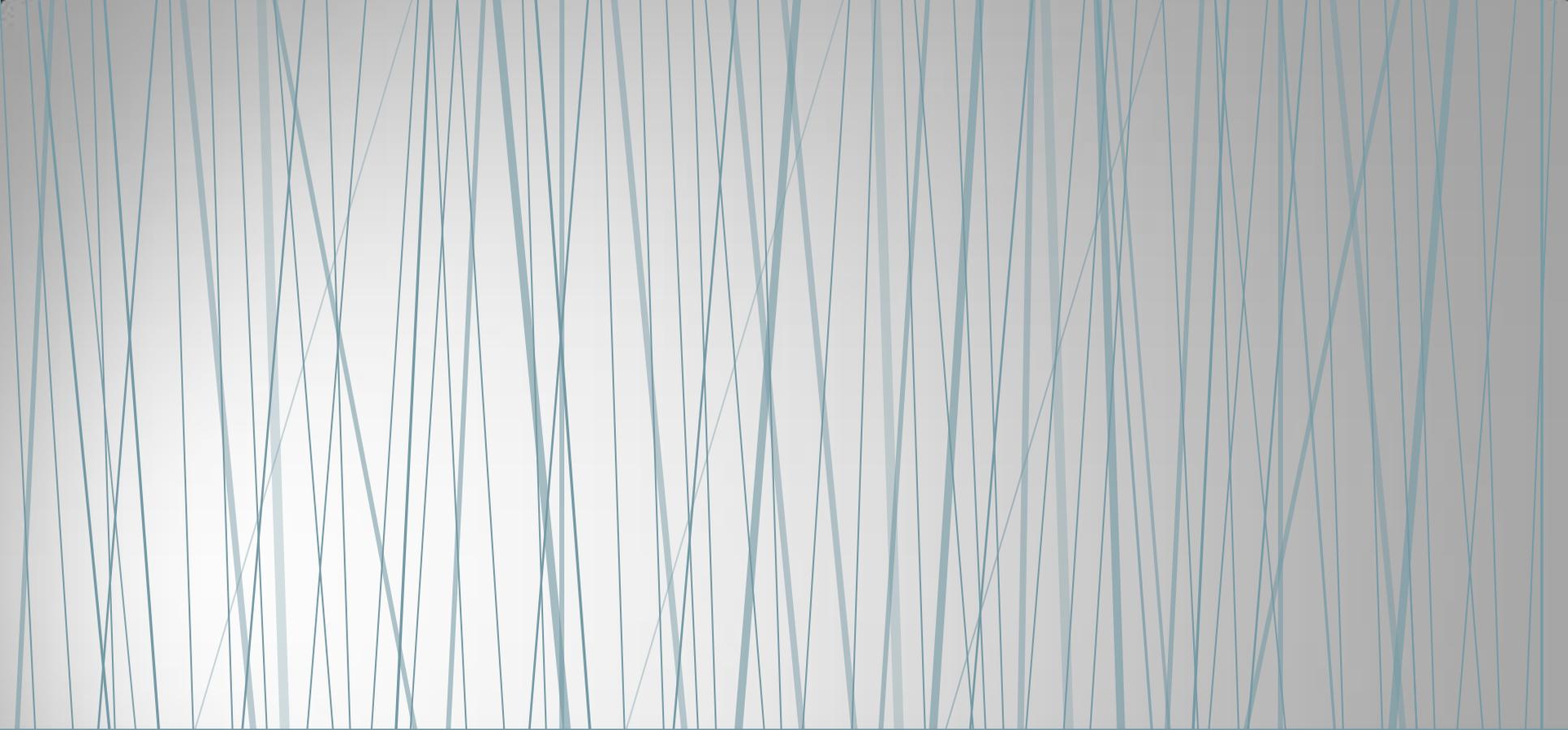
Sexually transmitted infections in Yadkin County, NC
County, State and National Trends



Uninsured

Uninsured in Yadkin County, NC
County, State and National Trends





Community Health Assessment: Priorities, Actions Plans, & Progress

Yadkin County SotCH Report

Access to Dental Care

Priority 1

Action Plan:

- Kindergarten dental screenings and maternal education
 - *To decrease the rate of kindergarten aged children in Yadkin County with tooth decay by from 19% to 14% by June of 2014.*

Progress

- The Yadkin County Dental Clinic has been closed since August 2012 due to the lack of staffing

Diabetes Management & Education

Priority 2

Action Plan:

- Diabetes screening and clinic education
 - *To decrease the number of people diagnosed with type II diabetes by 5% from 9.4% to 8.9% by December 2013*

Progress:

- These take place in the Maternity Clinic. The Rotary program was not established. Yadkin County is currently at a age-adjusted incidence of 7.4

Obesity

Priority 3

Action Plan:

- NAPSACC & GO FAR
 - *Decrease the amount of sedentary time in children under the age of 18 by 10% by December 2013*

Progress

- Grant funds have been applied for the implement NAPSACC; Go Far was successful in the lower grades, but was not established in the middle schools.

Teen Pregnancy

Priority 4

Action Plan:

- Reproductive Health & Safety Education
 - *To decrease the number of teens positive for the sexually transmitted disease Chlamydia in Yadkin County from 44.2% to 35% by December 2015. To decrease the pregnancy rate per 1,000 15-19 year old girls in Yadkin County from 51.7 to 49.1 by 2015.*

Progress

- Schools are self-implementing the curriculum brought to the County by the Yadkin County Human Services Agency. The Chlamydia rate for teens has dropped to 21%. The teen pregnancy rate is now 28.2/1,000

Trending Data

2012

- Teen Pregnancy
 - Girls 15-19: 59 or 50.3/1,000
 - 14 teen pregnancies (15-17); 45 (18-19)
 - Repeat pregnancies: 22.0%
 - County Rank 41
- Diabetes
 - 3 of deaths: 47
 - Death rate: 19.6/100,000
- Access to Dental Care
 - 1.65 dentists/10,000 residents
- Obesity
 - 30% adult obese (BMI 30 or greater)

2013

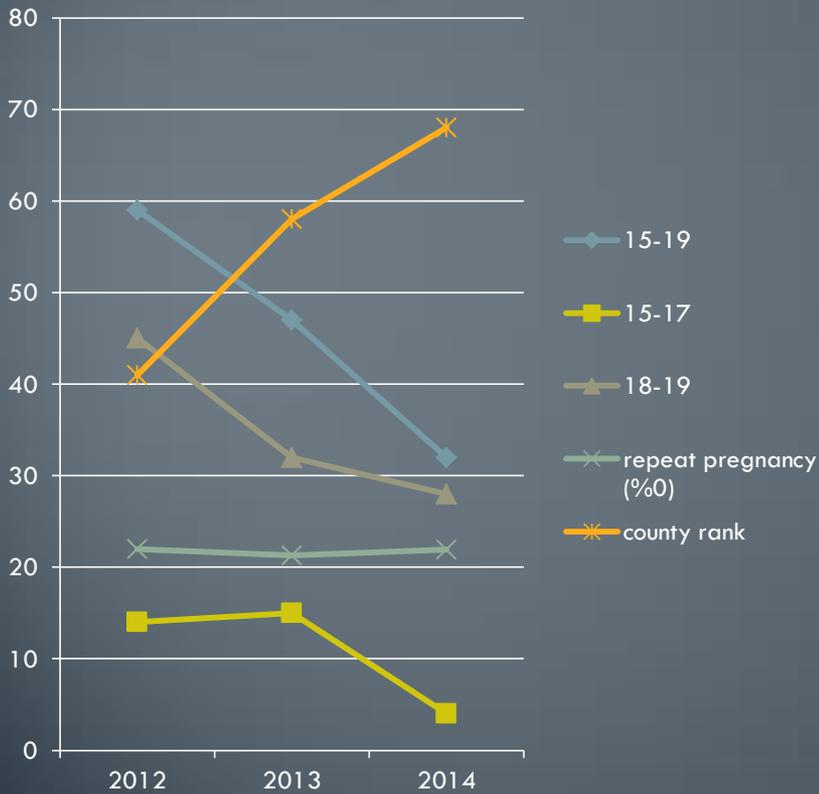
- Teen Pregnancy
 - Girls 15-19: 47 or 40.7/1,000
 - 15 teen pregnancies (15-17); 32 (18-19)
 - Repeat pregnancies: 21.3%
 - County Rank 58
- Diabetes
 - 3 of deaths: 49
 - Death rate: 24.8/100,000
- Access to Dental Care
 - 1.8 dentists/10,000 residents
- Obesity
 - 29% adult obese (BMI 30 or greater)

2014

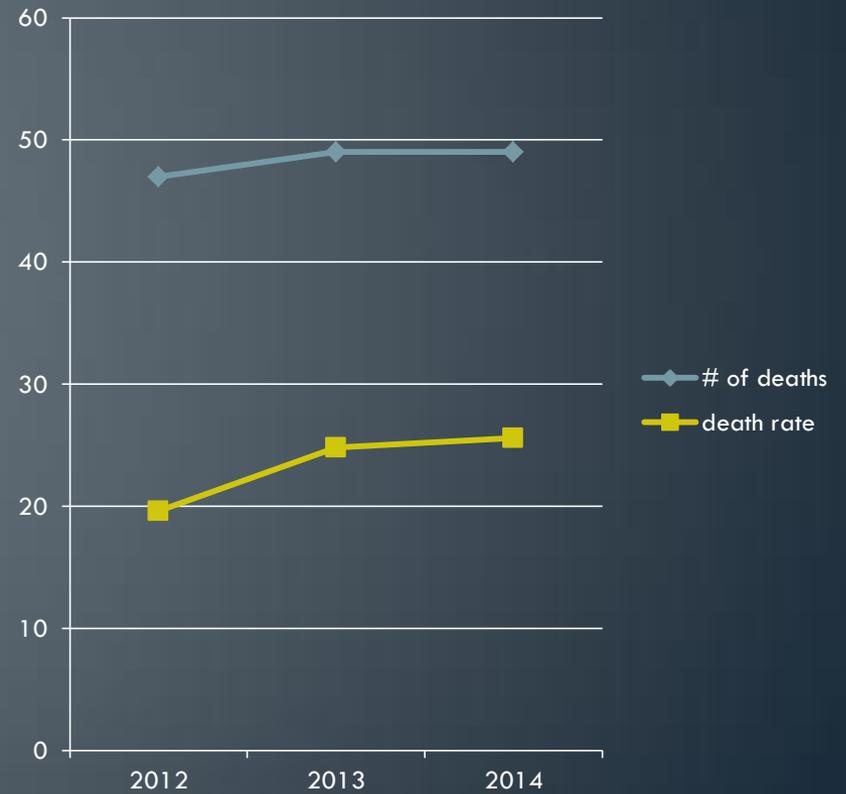
- Teen Pregnancy
 - Girls 15-19: 32 or 28.2/1,000
 - 4 teen pregnancies (15-17); 28 (18-19)
 - Repeat pregnancies: 21.9%
 - County Rank 68
- Diabetes
 - 3 of deaths: 49
 - Death rate: 25.6/100,000
- Access to Dental Care
 - 1.8 dentists/10,000 residents
- Obesity
 - 30% adult obese (BMI 30 or greater)

Trending Data: Graphs

Teen Pregnancy

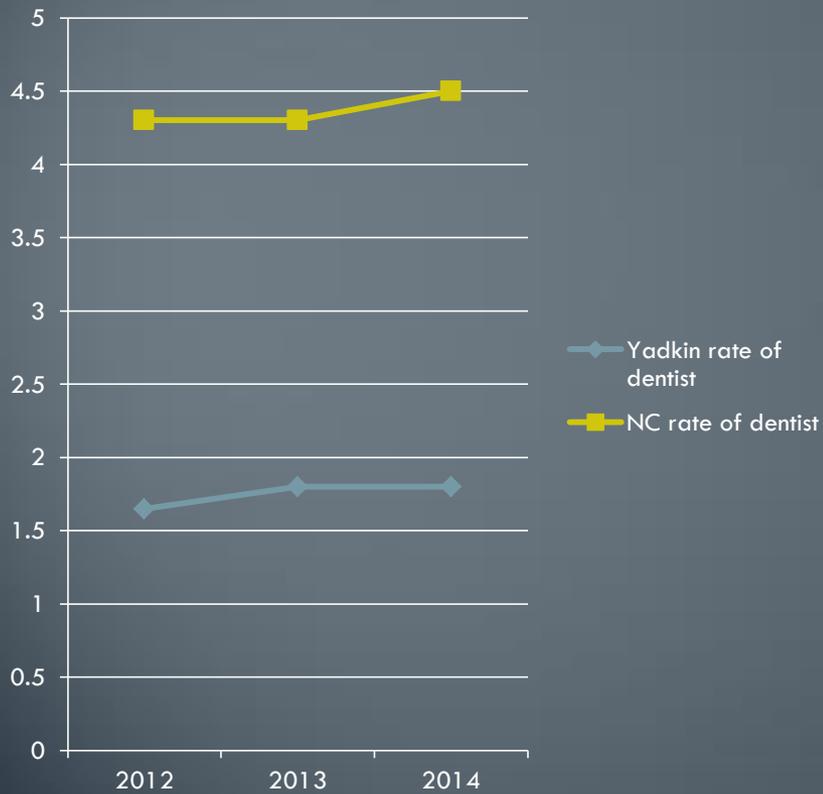


Diabetes

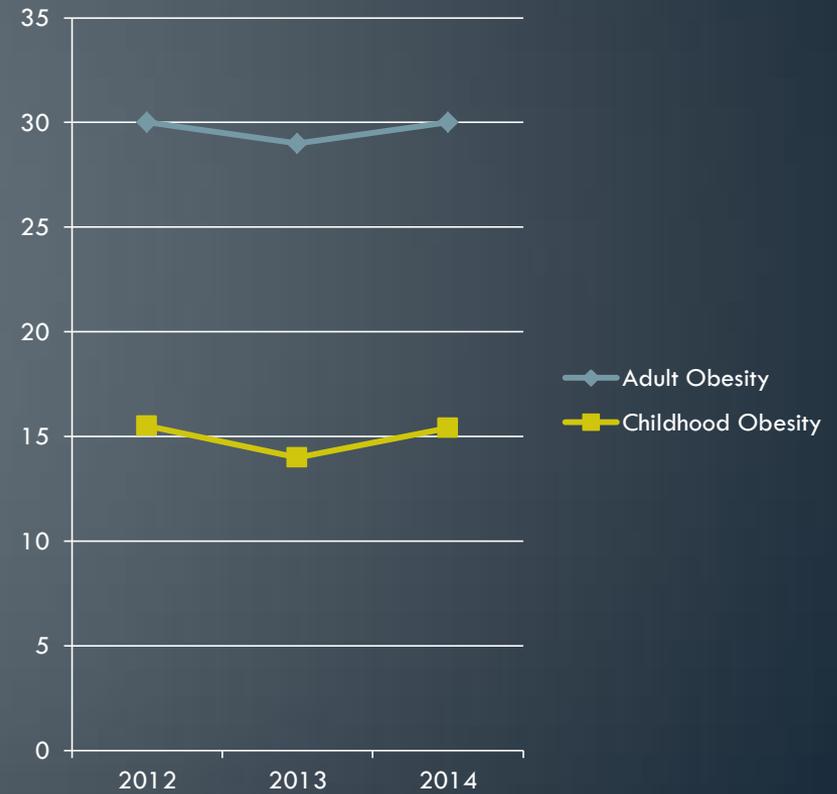


Trending Data: Graphs

Access to Dental Care



Obesity



New Initiatives

- Yadkin County Schools: Dental Van
- Sparrows House – home for domestic violence victims and their children
- Family Needs Assessment and Community Resource Guide – Smart Start of Yadkin County
- Circles of Care

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)
- NC Health News
- 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



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