

Yadkin County

2018 STATE OF THE COUNTY HEALTH REPORT

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

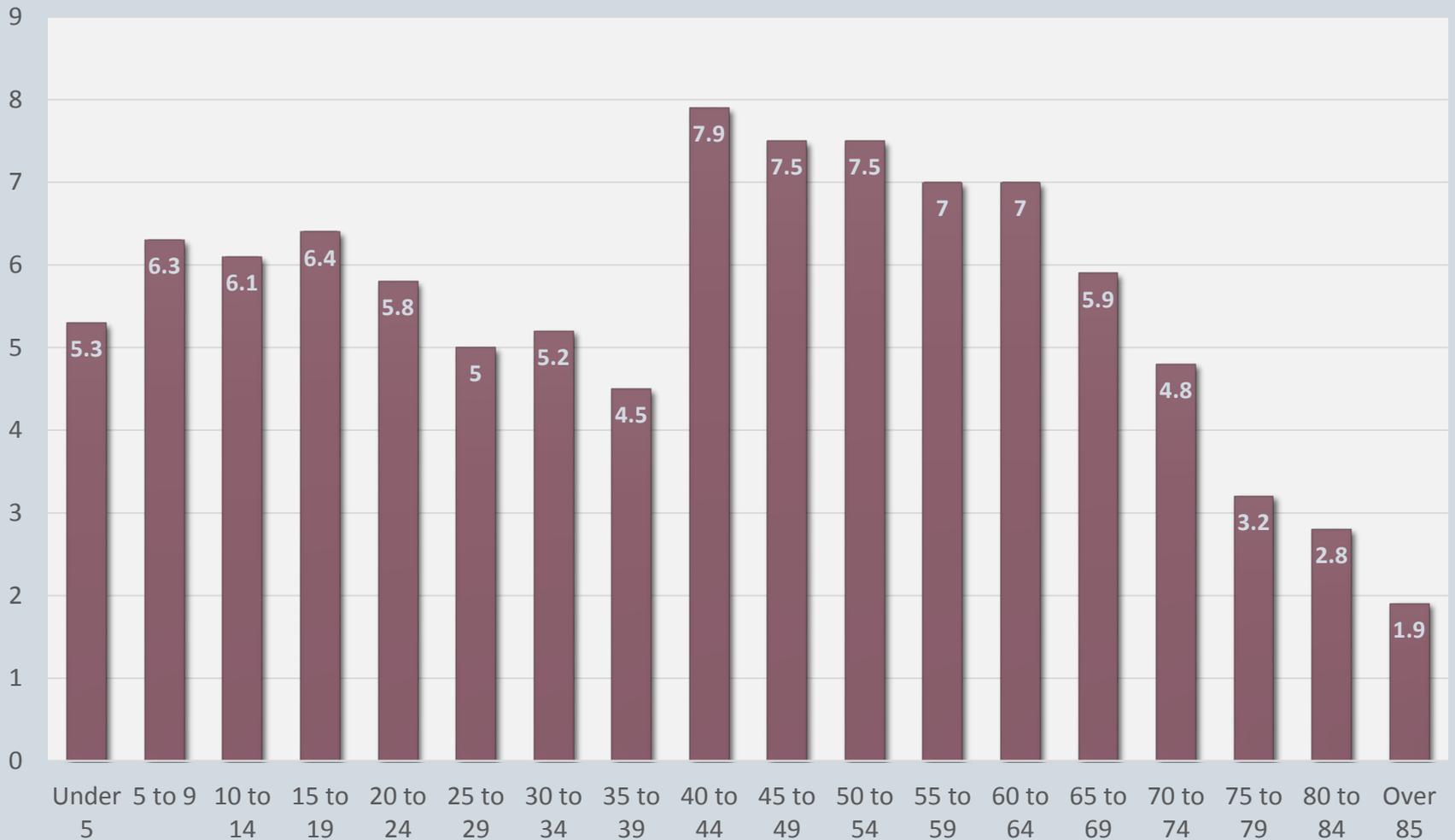
County Data

YADKIN COUNTY SOTCH REPORT

County Information: Snap Shot

US Census: QuickFacts	Yadkin County	North Carolina
Population, 2017 estimate	37,774	10,273,419
Persons under 5 years, percent, 2017	5.3%	5.9%
Persons under 18 years, percent, 2017	21.1%	22.4%
Persons 65 years and over, percent, 2017	19.7%	15.9%
Female persons, percent, 2017	50.6%	51.3%
White persons, percent, 2017	94.1%	70.8%
Black persons, percent, 2017	3.4%	22.2%
Persons of Hispanic or Latino Origin, percent, 2017	11.4%	9.5%
Language other than English spoken at home, percent age 5+, 2013-2017	8.4%	11.4%
High school graduate or higher, percent of persons age 25+, 2013-2017	79.3%	86.9%
Bachelor's degree or higher, percent of persons age 25+, 2013-2017	12.0%	29.9%
Median household income, 2013-2017(in 2017 dollars)	\$41,126	\$50,320
Persons in poverty, percent	13.4%	14.7%

Population by Age (2013-2017)



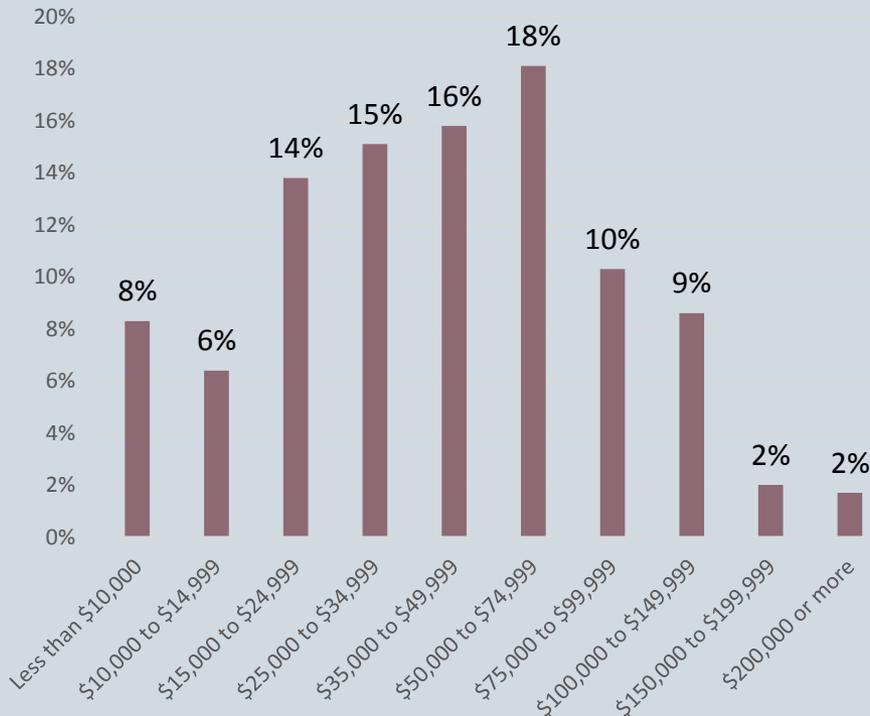
Economic Characteristics

According to the NC Department of Commerce, Access NC data set₃:

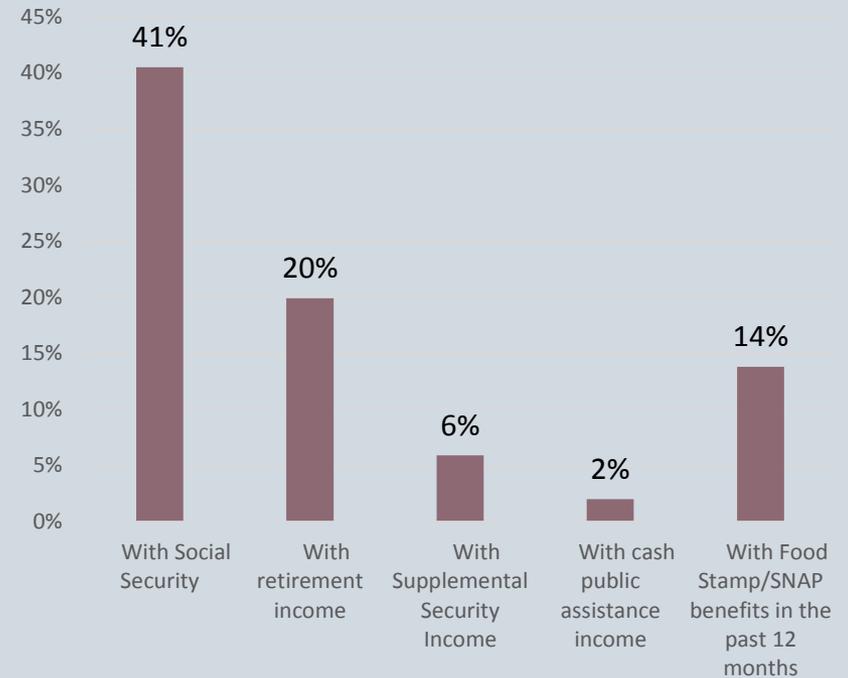
- Nov 2018 Prelim., 2017 Unemployment Rate currently is 3.0%, with the 2017 annual rate at 4.0%
- Yadkin County has a Tier 2 designation
- 23.7% of Yadkin County residents reside in rental properties
- In Yadkin County, 2,277 families have children under age 6, and of those, 45.9% have both parents working₄.
- The number of families with children between ages 6 and 17 is 5,605, and 53.9% of those families have both parents working₄
- 54.6% of the population is in the workforce₄

Income & Benefits

Total Household Income



Supplemental & Other Income



Other income:

- Social Security income is \$16,869
- Retirement income is \$18,313

- Supplemental Security income is \$8,811
- Cash public Assistance is \$3,122
- 2,148 households receive SNAP

Families in poverty

(past 12 months)



Leading Causes of Death – All Ages

		# OF DEATHS	DEATH RATE
RANK	CAUSE OF DEATH:		
0	TOTAL DEATHS - ALL CAUSES	2215	1171.2
1	Diseases of the heart	463	244.8
2	Cancer – all sites	456	241.1
3	Chronic lower respiratory diseases	168	88.8
4	Cerebrovascular disease	137	72.4
5	Other Unintentional injuries	94	49.7
6	Alzheimer's disease	91	48.1
7	Diabetes mellitus	86	45.5
8	Pneumonia & influenza	74	39.1
9	Septicemia	48	25.4
10	Nephritis, nephrotic syndrome, & nephrosis	48	25.4

Leading Causes of Death– By Age Group

- **0-19 (28)** year old age group, the leading causes of death are congenital anomalies (birth defects) (4), motor vehicle injuries (4), conditions originating in the perinatal period (3), other unintentional injuries (3).
- **20-39 (63)** age group, most top causes of death are related to unintended injury (21), suicide (13) and motor vehicle accidents (9).
- **40-64 (464)** age group, the top causes of death are cancer (135), disease of the heart (89), and diabetes (31), other unintentional injuries (29).
- **65-84 (1,053)** age group (highest incidence of death) these are related to chronic diseases such as cancer (254), disease of the heart (199), chronic lower respiratory disease (101) and cerebrovascular disease (73).

Continued Health Concerns

YADKIN COUNTY SOTCH REPORT

Continued Health Concerns

FROM 2015 CHA REPORT

Prescription drug abuse/overdose

Knowledge and use of available physical activity opportunities

Chronic disease morbidity and mortality

FROM 2017 SOTCH REPORT

Teen pregnancy

Chronic Disease

Health care access

Birth risk factors

Obesity

Physical activity/nutrition

Poisonings

CD/STD

Continued Health Concerns: Teen Pregnancy

2017 Teen Pregnancies	Yadkin	North Carolina
Number of pregnancies among 15-19-year-old girls:	50 ▲ (by 9)	
Teen pregnancy rate per 1,000 15-19-year-old girls:	46 ▲ (9.5)	26.7 ▼
Teen pregnancy rates by race/ethnicity: white	41.7 ▲ (by 5.1)	17.6 ▼
Teen pregnancy rates by age: 18-19 year olds	85.7 ▲ (by 11)	48.6 ▼
Number of pregnancies among 15-17-year-old girls:	17 ▲ (by 4)	
Number of pregnancies among 18-19-year-old girls:	33 ▲ (by 5)	
Percent of Repeat Pregnancies:	24% ▲ (by 11.8)	22.2%
Teen birth rate per 1,000 15-19-year-old girls:	34 ▲ (by 1.9)	20.6 ▼
NC County Ranking (out of 100 counties):	10 (worsened by 14)	
Change since 2016:	+26% (by 11.9%)	-5%

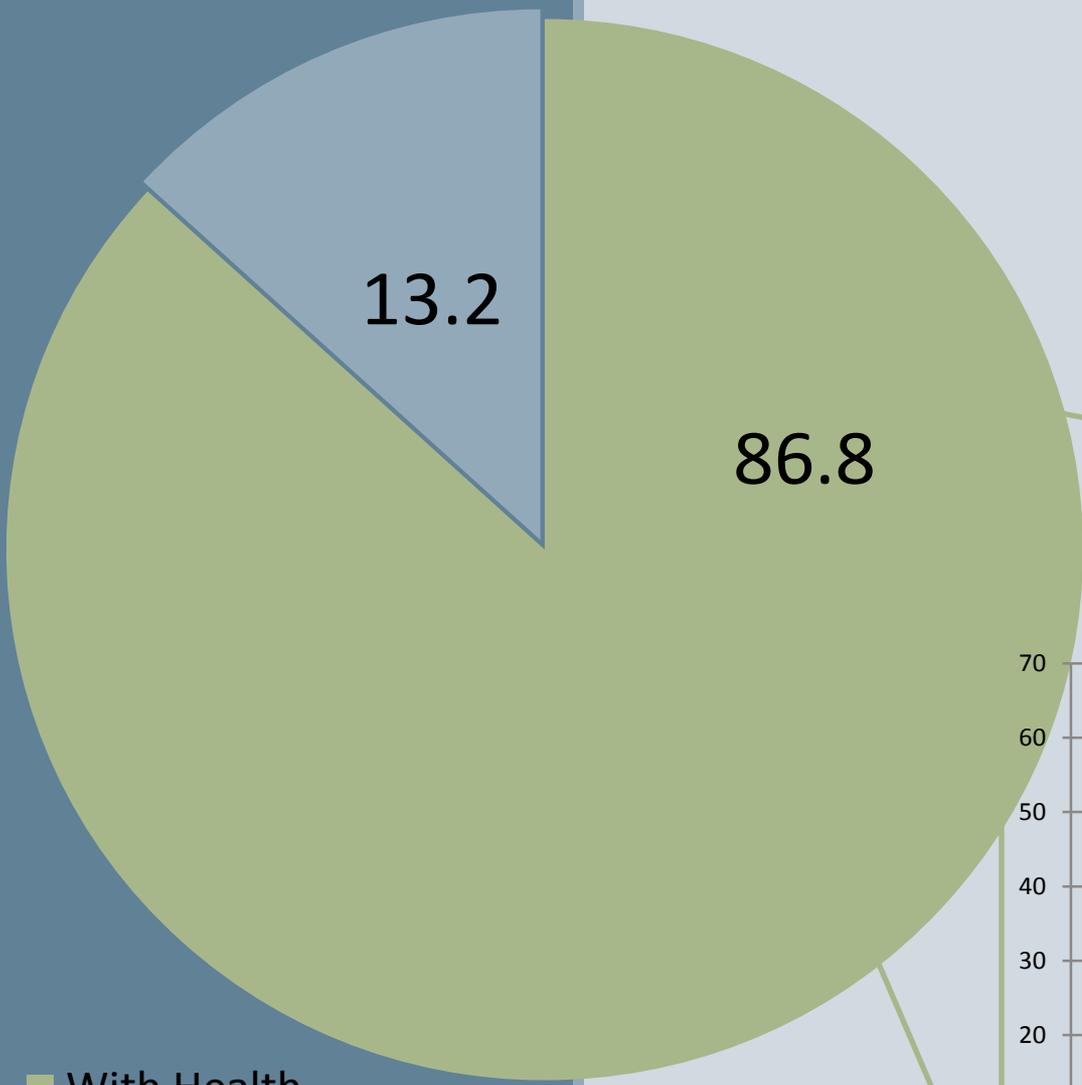
Continued Health Concerns: Chronic Disease

Chronic Disease:

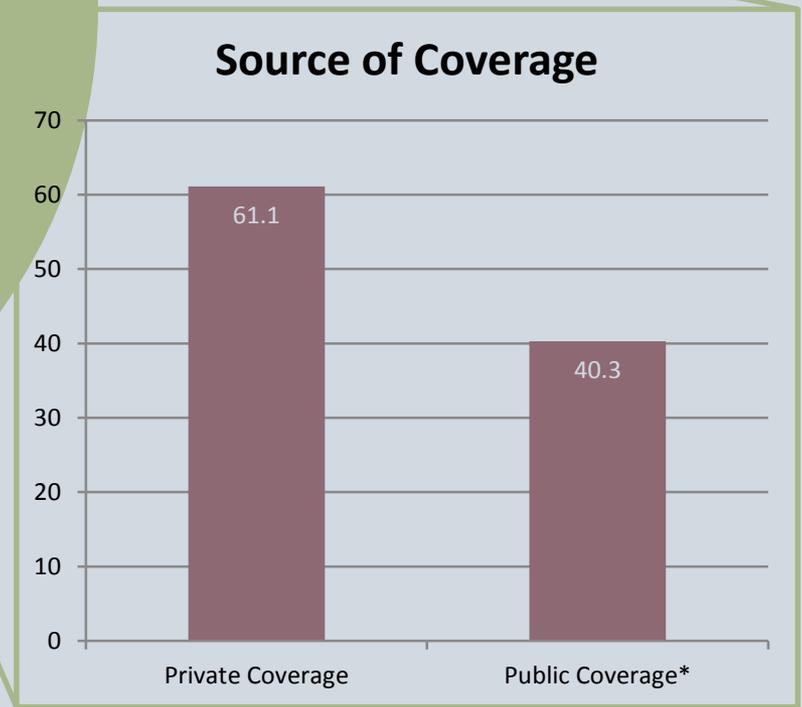
- According to the State Center for Health Statistics: **1,173 (53%)** of our leading causes of death are caused by chronic conditions such as heart and lung disease, cancer, and diabetes.
- Cancer (2013-2017)
 - Incidence: 1,163 cases; 448.1/100,000 (NC rate is 470/100,000)
 - The following cancer incidence rates are higher than NC:
 - lung (68.0/100,000 compared to 66.0/100,000)
 - melanoma (30.6/100,000 compared to 25.3/100,000)
 - cervix (7.6/100,000 compared to 6.9/100,000)
 - Mortality: 456 deaths; 171.5/100,000 (NC rates is 164.1/100,000)
 - The following cancer mortality rates are higher than NC:
 - lung (56.7/100,000 compared to 46/100,000)
 - breast (23/100,000 compared to 20.9/100,000)
 - cervix (2.7/100,000 compared to 2.0/100,000)

Continued Health Concerns₄:

Health Insurance Coverage

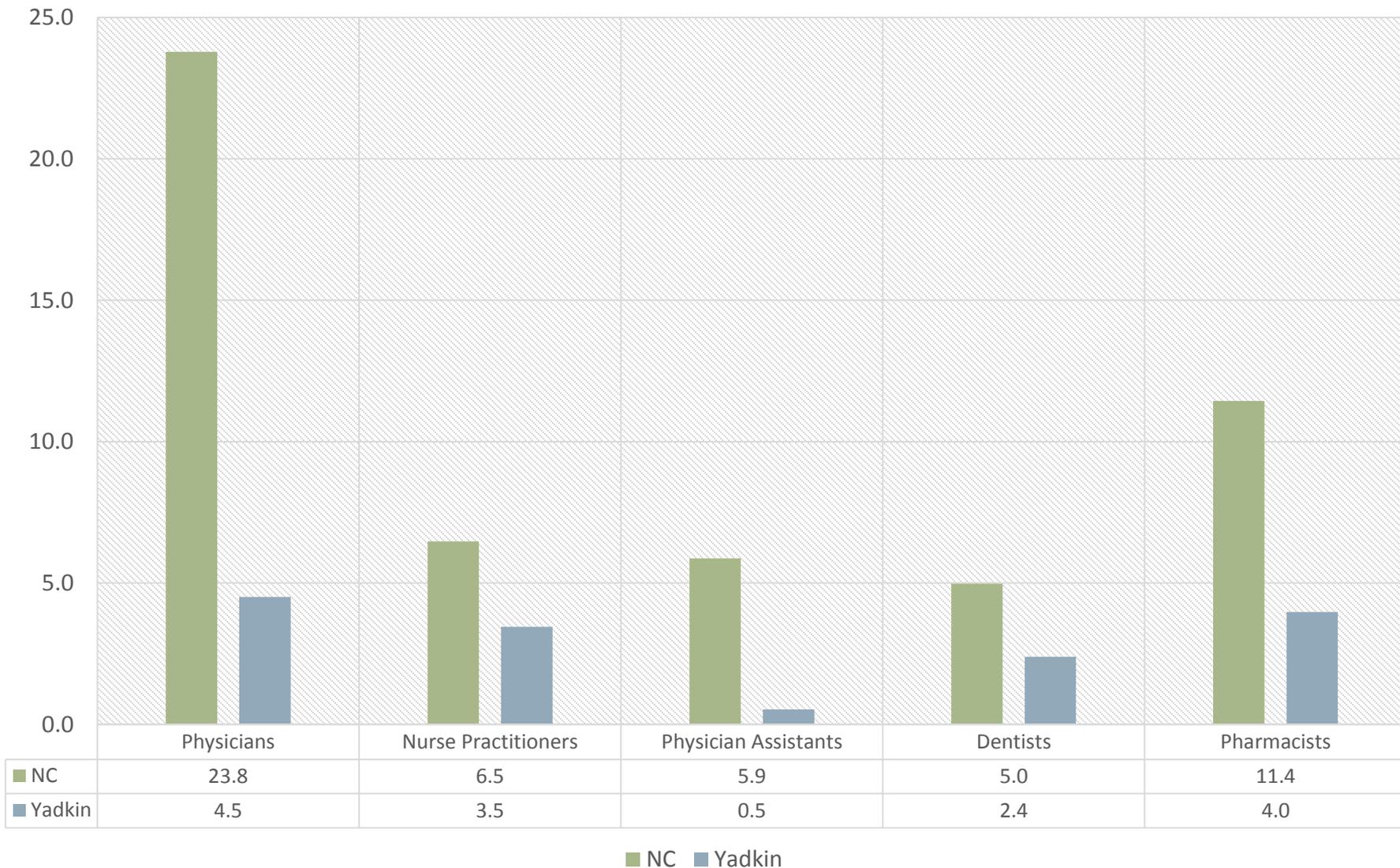


- With Health Insurance
- No Health Insurance



*21.1% are enrolled in Medicaid/CHIP

Health Providers *(per 10,000)*



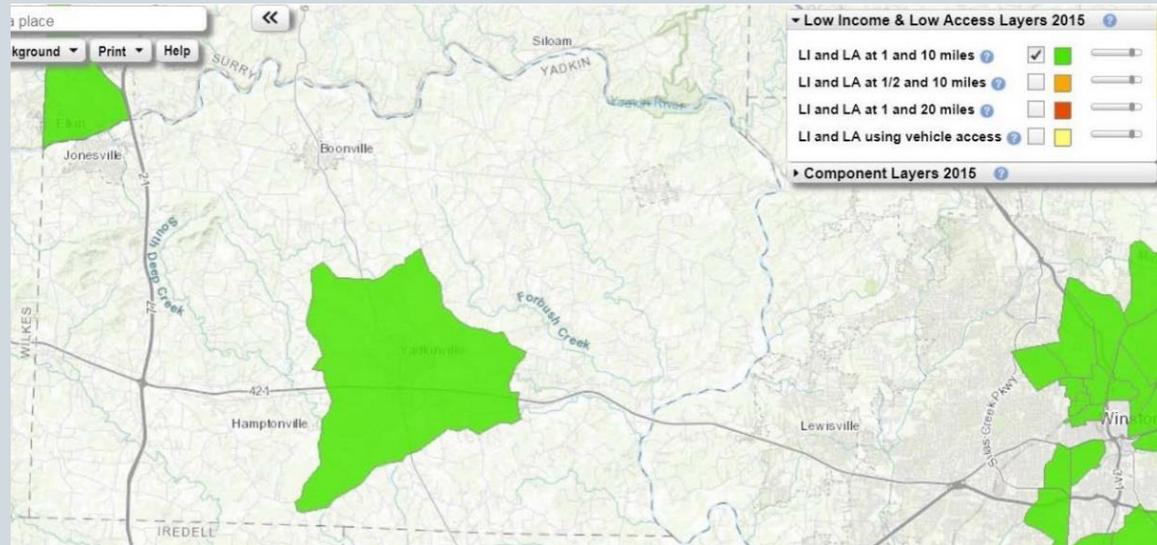
Continued Health Concerns:

Birth Risk Factors & Characteristics – NC County Health Data Book 2019

- 9.4% of infants were born preterm
- 8.9% of infants were born at a low birth weight, 1.3% were born at a very low birth rate
- 11 infants were born to women under 18 years
- 15.6% of mothers had less than a high school education and 37% were unmarried
- 3.6% of births in 2017 were to a woman who received very late (third trimester) or no prenatal care
- 13% of babies were born to women who smoke
- 58.4% were overweight or obese pre-pregnancy

Continued Health Concerns: Nutrition

- 4530 food insecure people in Yadkin County₆
- 12% of the population is food insecure₆
- Of food insecure people, 11% are above SNAP, other nutrition programs threshold of 200% poverty₆
- Average meal cost is \$2.91₆
- The annual food budget shortfall in Yadkin is \$2,254,000₆



USDA: “Food Access Research Atlas”
Low-income census tracts where a significant number or share of residents is more than 1 mile (urban) or 10 miles (rural) from the nearest supermarket.

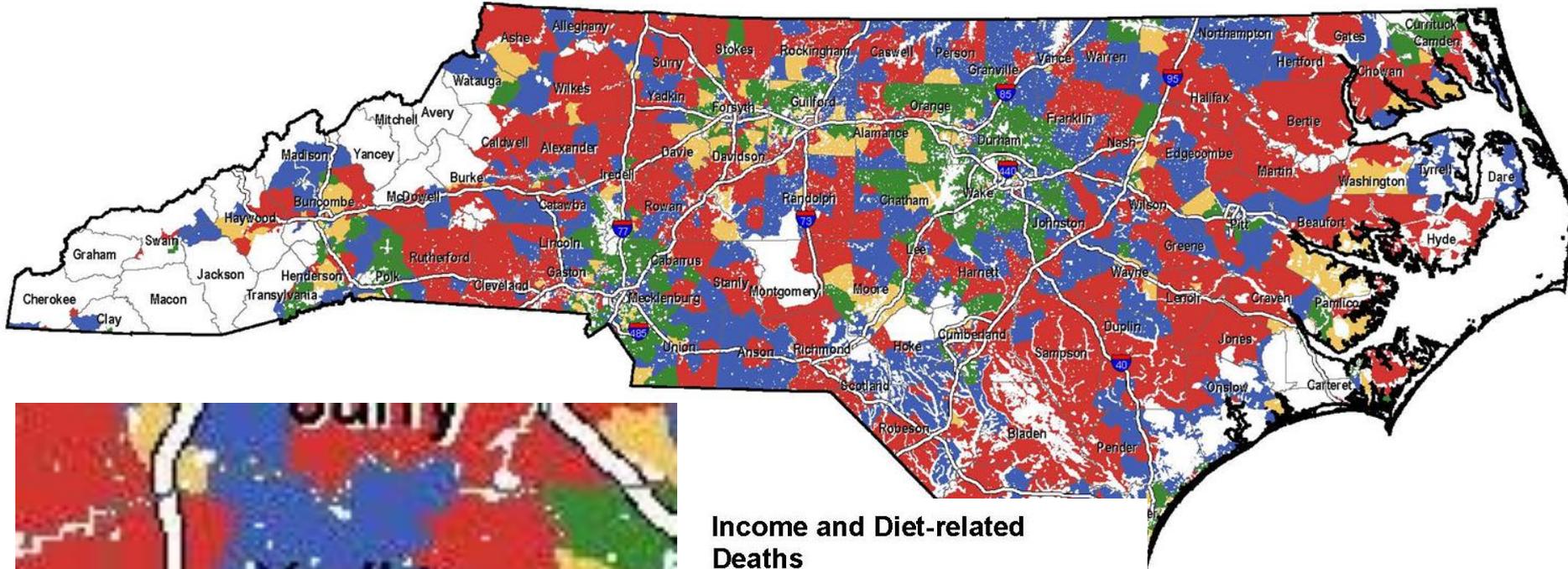
Nutrition: Food Access

2017 North Carolina Food Access Maps (NC Alliance for Health)

- The following maps show food access in North Carolina as a state. These maps represent areas in which residents are low income and where there are low supermarket sales and high rates of diet-related deaths.

North Carolina

MAP 5 Income and Diet-related Deaths



Income and Diet-related Deaths

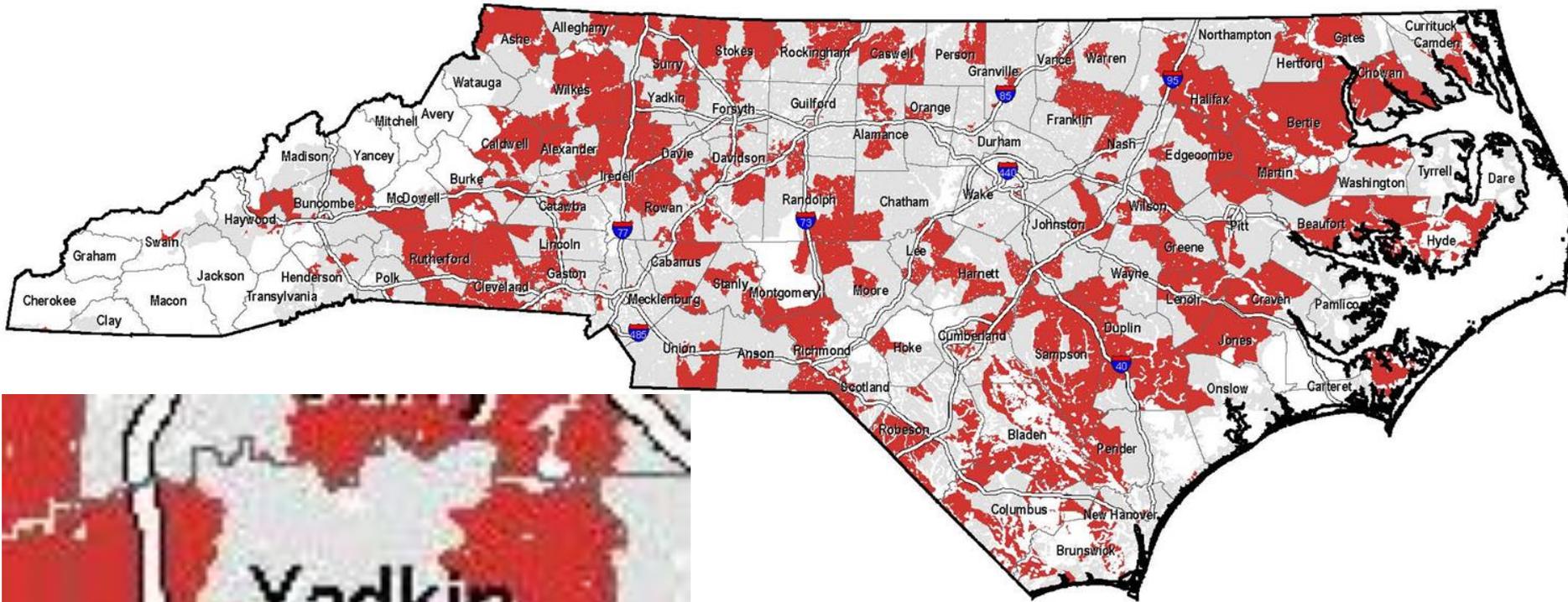
- Low Income & Low Deaths
- Low Income & High Deaths
- High Income & Low Deaths
- High Income & High Deaths
- Highways
- Counties
- Park, Forest or Non-Residential

0 20 40 80
Miles

Data: Nielsen TDLinx Services, 2016;

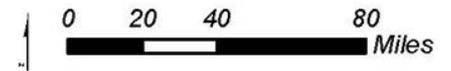
North Carolina

MAP 6 Areas with Greatest Need



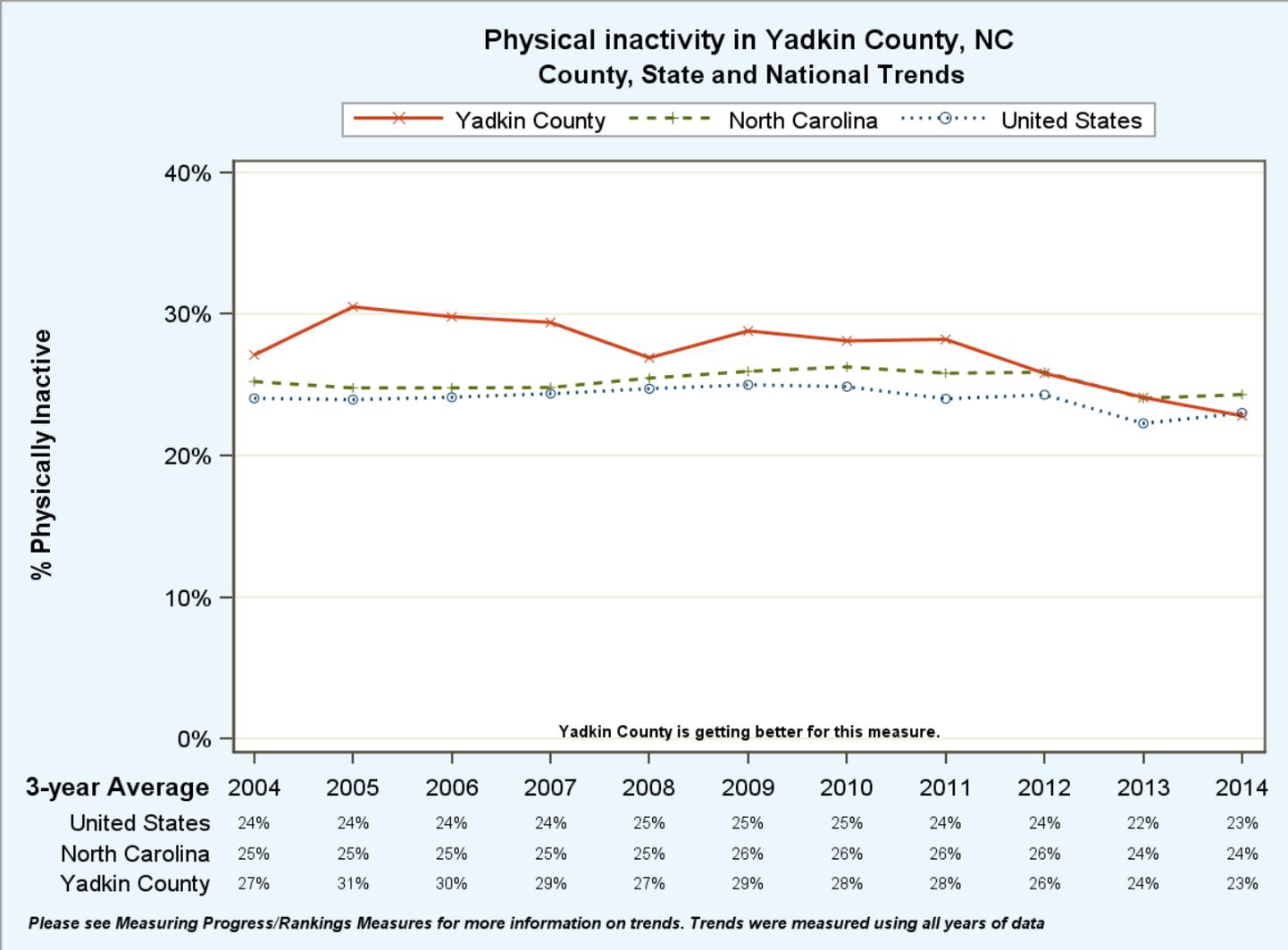
Areas with Greatest Need

- Low Sales, Low Income, High Deaths
- Not Low Sales, Low Income, High Deaths
- Highways
- Counties
- Park, Forest or Non-Residential



Data: Nielsen TDLinx Services, 2016;

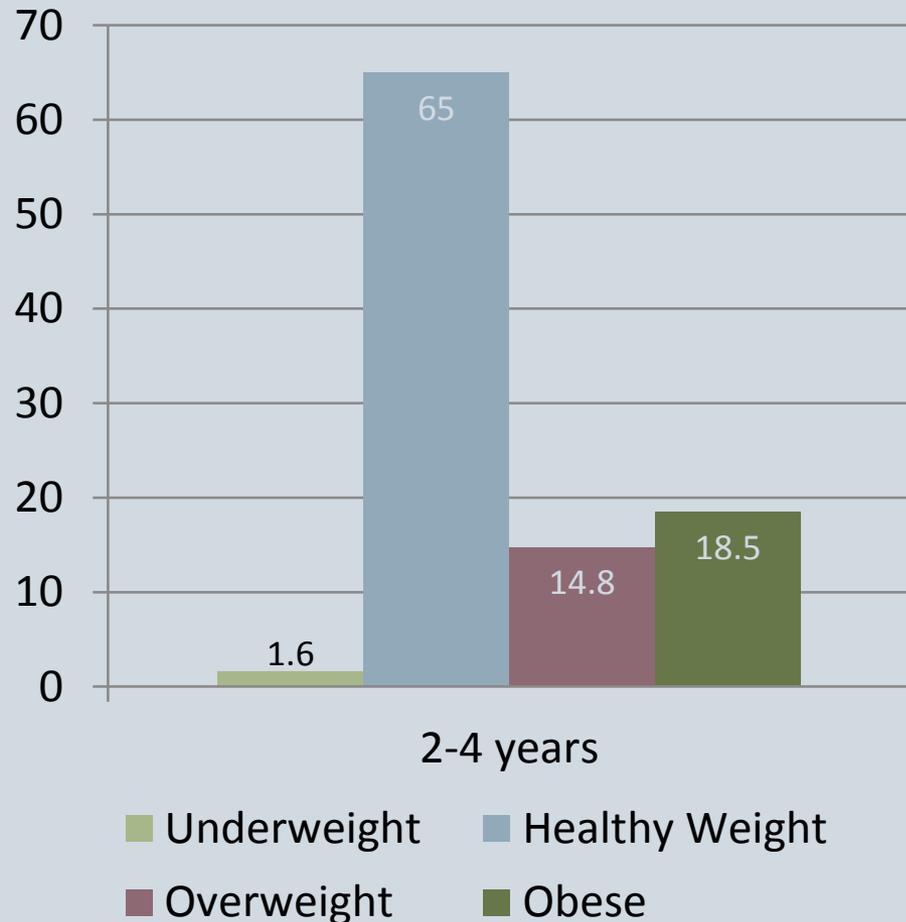
Continued Health Concerns: Physical Activity



- 23% of adults report being physically inactive

Continued Health Concerns: Obesity

- Adults: 33% were obese₅
- Weight categories for children in WIC₁₆
 - Underweight – 1.6%
 - Healthy weight – 65%
 - Overweight – 14.8%
 - Obese – 18.5%

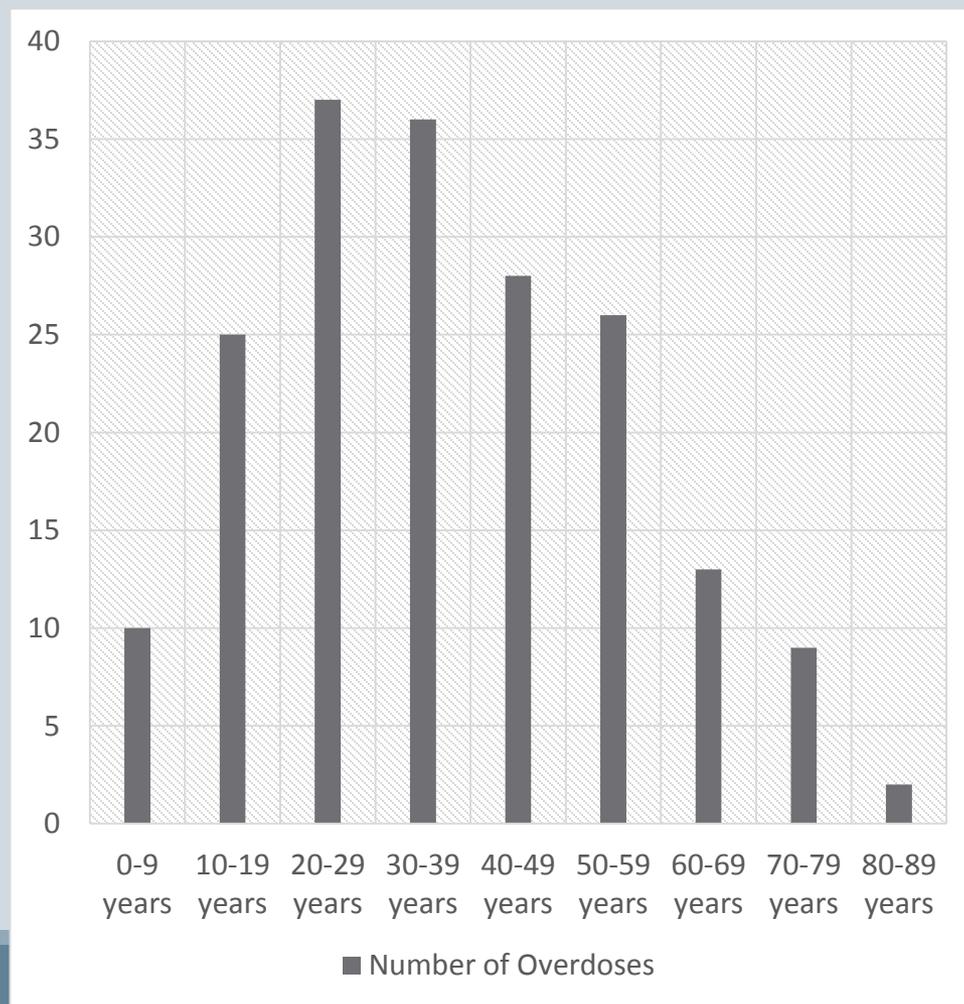


Child Health: SNAP SHOT

- 21% (7,975) of the county's population are residents under the age of 18₈
- 28.3% of children are in poverty₄
- 25% of children in Yadkin live in food insecure households compared to 22.6% at the state₈
- 8.4% of children are considered uninsured compared to the state's 5.5%₈
- 35.1% Children live in households with Supplemental Security Income (SSI), cash public assistance income, or Food Stamp/SNAP benefits₄
- Rate of children assessed for abuse/neglect per 1,000 in Yadkin is 37.5₈
- Rate of children in foster care per 1,000 in Yadkin is 10, while the state rate is 7.1₈
- The County infant death rate is 5.1 per 1,000 live births₁₁
 - 2 deaths of children 0-17 years (2017)
 - Both deaths were under the age of 1
 - Deaths were from illness/infection and other/unknown

Overdose: Unintentional Medication or Drug Overdose

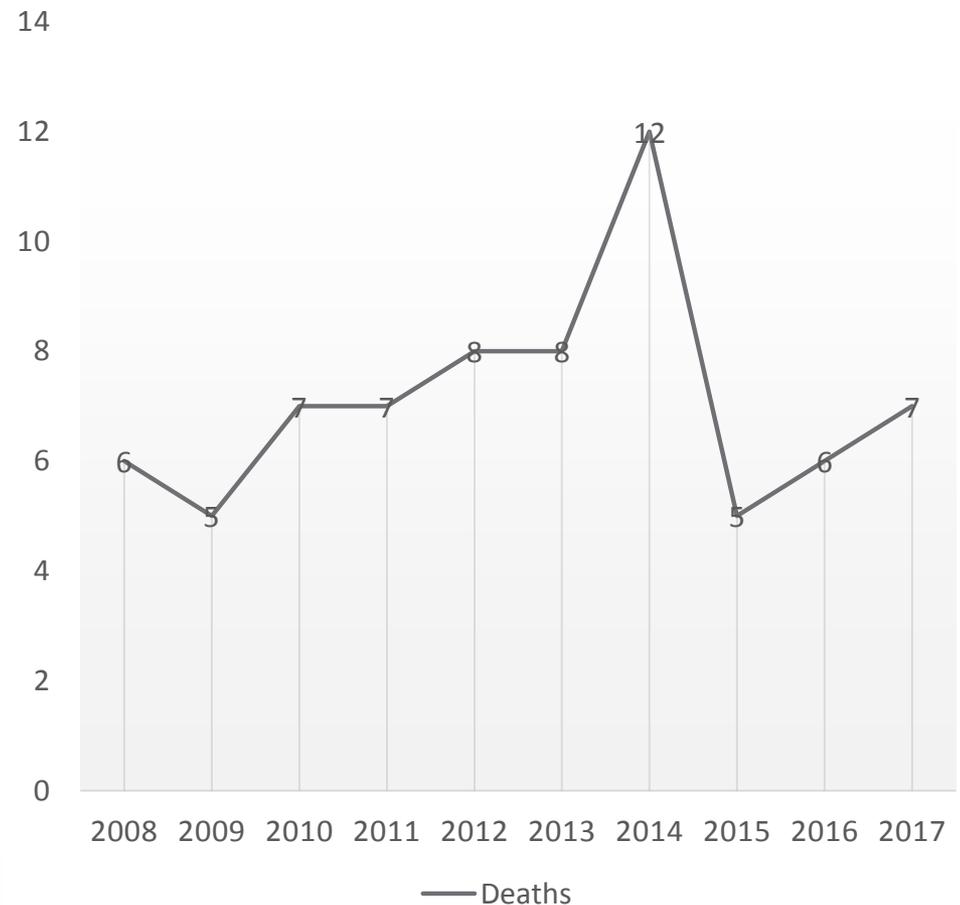
- NCDETECT Data reports show 186 instances of unintentional medication or drug overdose in 2018
- The ages range from <1 to 86 with the average age being 37
- 52% were female, 90% were white/non-Hispanic
- 35% were from within the Yadkinville zip code; 27% were East Bend



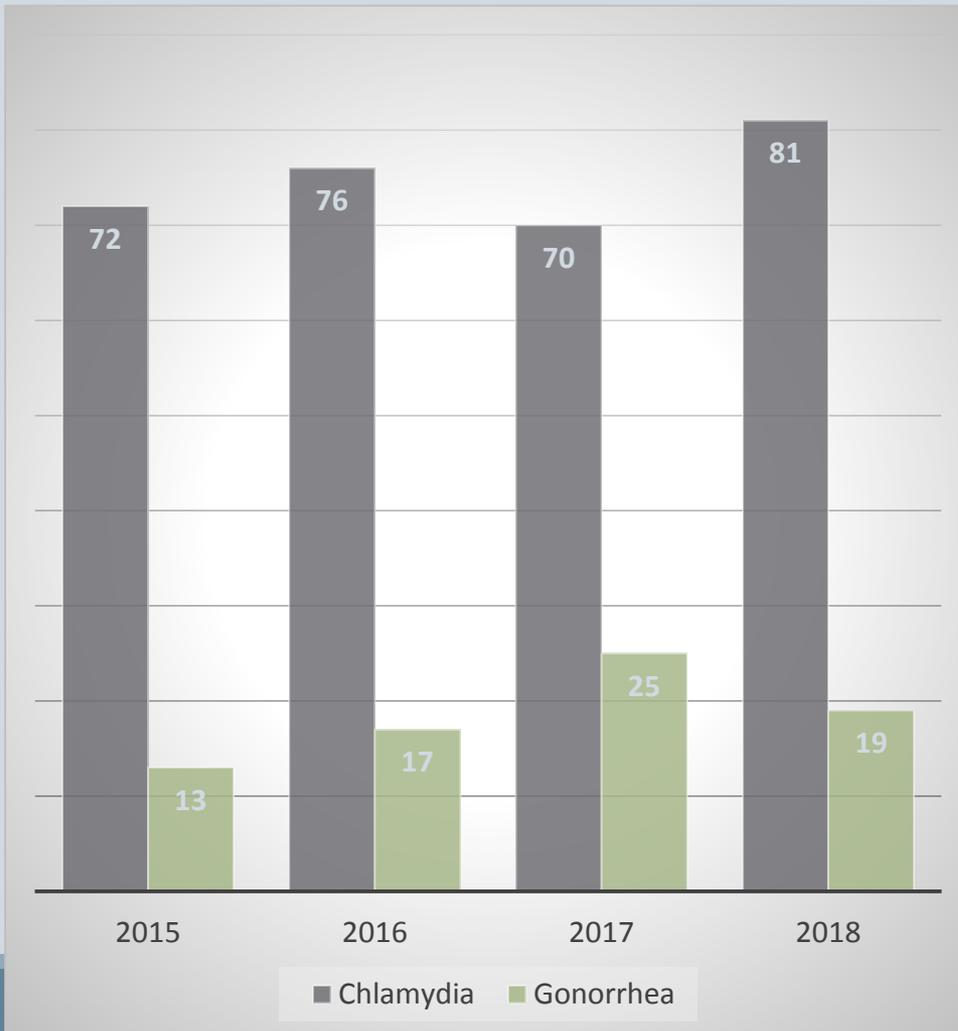
Poisoning Deaths

- 9 total deaths due to poisoning in 2017, 83 from 2008-2017₁₂
- Of the 9 deaths in 2017, 7 were unintentional. Of the 83, 92% were unintentional₁₂
- The unintentional poisoning mortality rate for Yadkin is 19.6 per 100,000 residents₁₀
- More than the state rate, 11.8
- 2017, Yadkin had 3 heroin deaths, 2 synthetic narcotic, 1 cocaine, 1 psychostimulant, 1 antiepileptic and sedative-hypnotic drugs and 1 Benzodiazepine₁₂
- Opiate poisoning death rate is 19.0/100,000 compared to the state rate of 11.8₁₀
- The opioid prescribing rate in Yadkin is 55.0/100,000 compared to the state rate of 72₁₀

Opiate Poisoning Deaths



Communicable Disease/STDs



- There were 174 confirmed cases of communicable disease
- 101 of these, or 58%, were bacterial STDs
- Gonorrhea and chlamydia were 100 (57%) of the total caseload
 - Ages ranged from 16-57
 - 27, or 27%, were between 16-19 years old
- 45 of these were confirmed chronic Hepatitis C
- Includes an active TB case, 6 pertussis, and 6 salmonella

Emerging Health Issues

YADKIN COUNTY SOTCH REPORT

Emerging Issues

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

- Suicide
- Infant Deaths
- Trachea, Bronchus, and Lung Cancers
- Motor Vehicle Injury Deaths

Graphs showing the trends follow

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



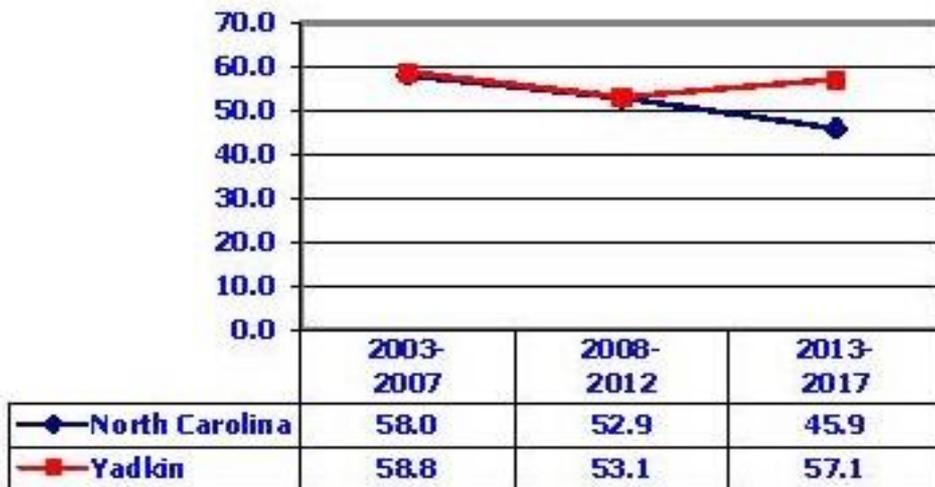
Suicide Deaths

Infant Deaths

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



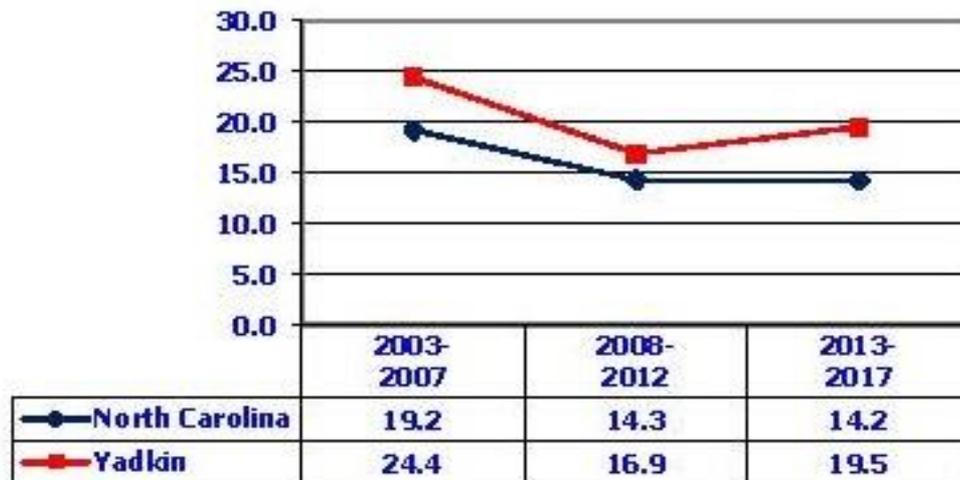
14. Age-Adjusted Trachea, Bronchus, & Lung Cancer Death Rates per 100,000 Residents



Trachea, Bronchus, & Lung Cancers

Motor Vehicle Injury Deaths

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



Trending Data

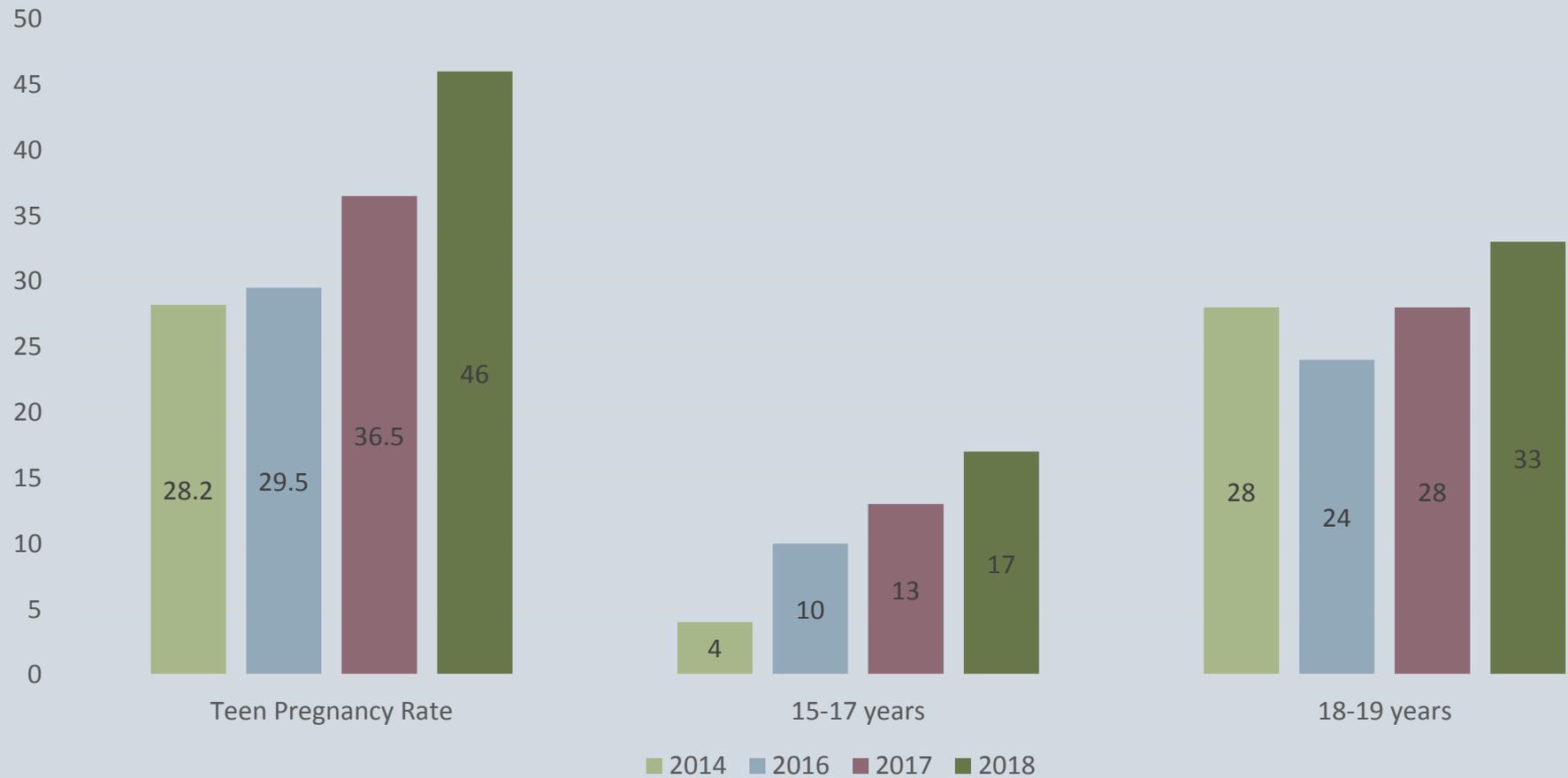
YADKIN COUNTY SOTCH REPORT

Trending Data:

	2014	2016	2017	2018
Teen Pregnancy: total rate	28.2/1,000	29.5/1,000	36.5/1,000	46.0/1,000
<i>By age group: 15-17</i>	4	10	13	17
<i>By age group: 18-19</i>	28	24	28	33
<i>Repeat pregnancies</i>	21.9%	20.6%	12.2%	24%
Diabetes: deaths	49	63	74	86
Dental Care: dentist ratio	1.8/10,000	1.9/10,000	1.85/10,000	2.4/10,000
Obesity	30%	32%	32%	33%

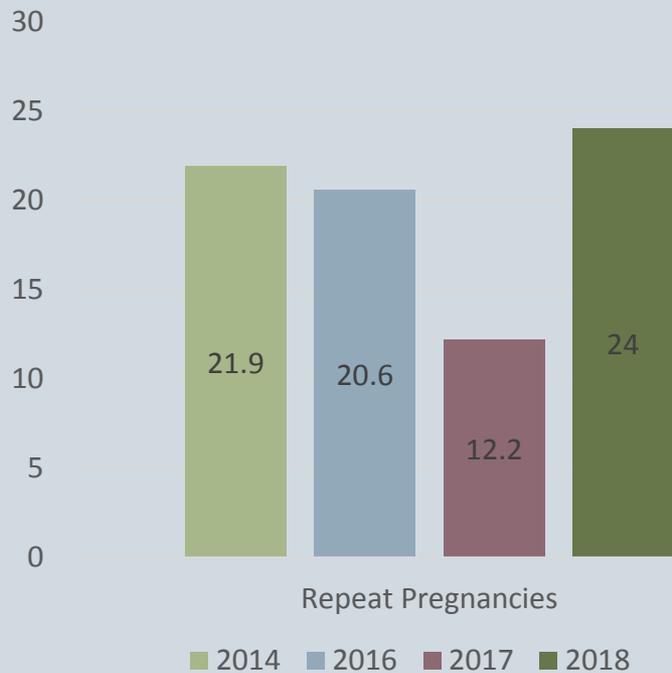
Trending Data: Graphs

Teen Pregnancy

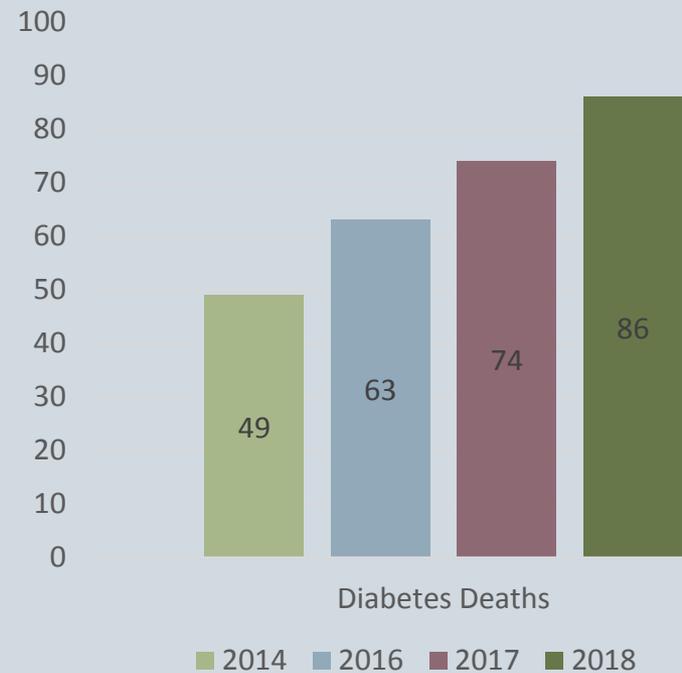


Trending Data: Graphs

TEEN REPEAT PREGNANCIES

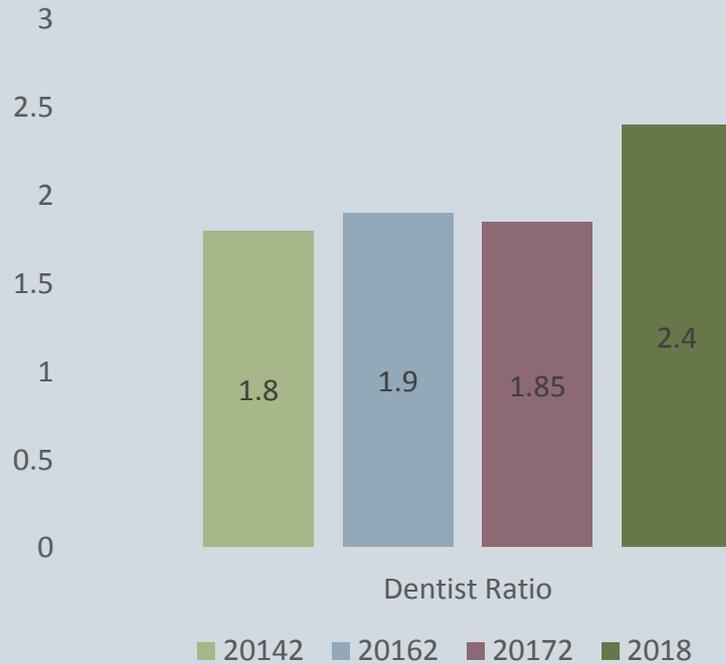


DIABETES DEATHS

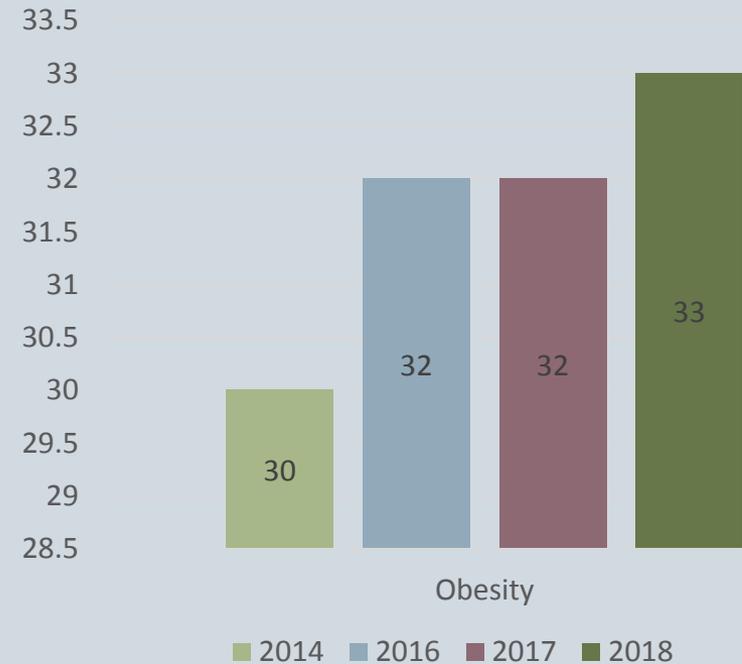


Trending Data: Graphs

DENTISTS



OBESITY



Community Health Assessment: Priorities, Actions Plans, & Progress

YADKIN COUNTY SOTCH REPORT

Priority 1

Lack of
physical
activity and
physical
activity
opportunities
in Yadkin
County

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:

- *Drafted two brochures/walking maps and have meet with two municipalities to discuss progress and recommended routes/materials*
- We have conducted two walking assessments including Human Services agency staff, County GIS staff, Active Routes to School and NCDOT representatives and community members

Priority 2

Prescription medication abuse and accidental overdoses

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:

- Utilized the Center for Disease Control's pre-developed and tested opioid campaign materials. This was advertised in the local paper
- Planned and held a community-wide training called "Opiate & methamphetamine Exposure Awareness for Public Workers"
- Distributed opioid rack cards to the pre-trial release program
- Distributed 3 kits

Priority 3

Health issues related to chronic disease such as heart disease and diabetes

Action Plan:

Chronic Disease Self-Management

- *65% of participants will report increased strength and stamina through better fitness within 6 weeks.*

Progress

- A Living Healthy course was started in 2018, but the class was canceled due to lack of participant interest
- The Health Educator is completing blood pressure checks at the East Bend, Yadkinville, and Jonesville Senior Centers
- The Health Educator also provides physical activity to all three senior centers, as well as the licensed child care facilities in the spring/early summer months
- Provides nutrition education in child care facilities, at parent meetings, and provided nutrition counseling through the Medical Clinic

New Initiatives

YADKIN COUNTY SOTCH REPORT

New Initiatives in 2018

Yadkin HSA – Car Seat Safety Program

- Includes car seat install checks and distribution of low-cost/free car seats to those in need

Additional mental health resources added

- Turning Point Behavioral Health and PQA opened practices in the Yadkin Medical Campus, Jodi Province opened a Yadkinville location

Triple P (Positive Parenting Program) – was able to expand some services within the County by sending a community partner to regional training.

New Initiatives in 2018

Lock Your Meds Communication Campaign - Insight Human Services, through the Cures Grant

- distributed approximately **1,500** informational Rack cards encouraging community members to lock up their medication.
- **200** medication lockboxes given out in the community.
- provided medication disposal kits, as well as promoting the use of permanent medication drop boxes (Yadkin County Sheriff's Dept. and Jonesville Police Department).
- awareness presentations throughout the county regarding prescription misuse and abuse as well as community outreach.

Synar - Synar provides convenience stores and other tobacco retail outlets with the proper signage as well as educational information regarding the prevention of tobacco sales to minors. **165** store visits were completed in 2018. Insight provided each visit with a folder that provided free signage and also provides WE-Card calendars.

Sources of Information:

1. US Census QuickFacts
2. U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
3. NC Department of Commerce, AccessNC
4. US Census American Community Survey 2013-2017
5. County Health Rankings
6. Feeding America, “Map the Meal Gap”
7. USDA: “Food Access Research Atlas”
8. NC Child, “Yadkin Child Health County Data Card”
9. NC Alliance for Health
10. NCIOM
11. State Center for Health Statistics
12. NC Injury & Violence Prevention Branch
13. NCDETECT data
14. ShiftNC.org
15. North Carolina Health Professions Data System, Program on Health Workforce Research and Policy, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill. Created February 18, 2019 at <https://nchealthworkforce.unc.edu/supply/>.
16. CY2017 Crossroads WIC MIS
17. North Carolina Electronic Disease Surveillance System



Yadkin County
come for a visit, stay for a lifetime

Yadkin County Human Services Agency

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