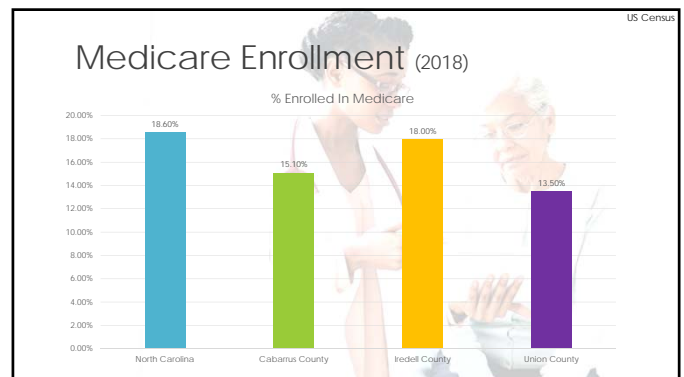
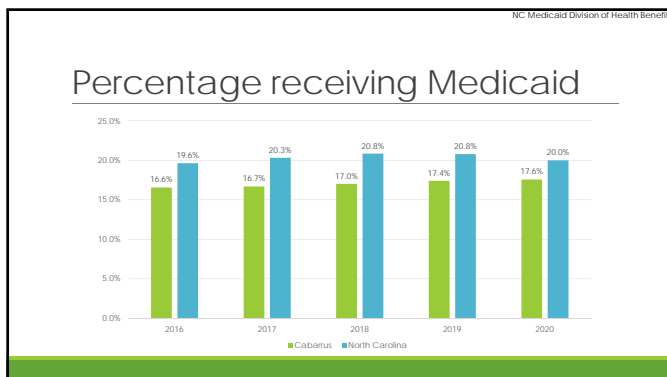
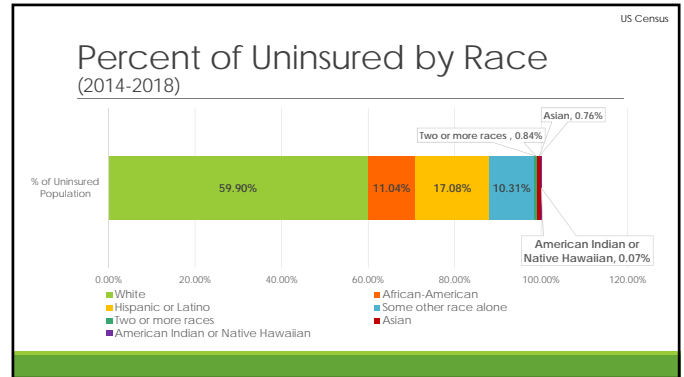
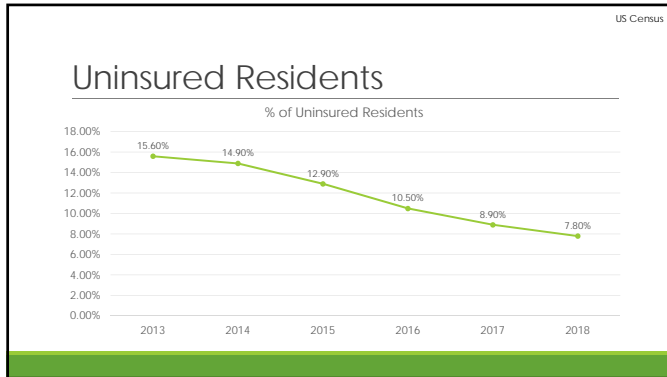


	2018 Census Estimate	2020 Survey Goals	TOTAL as of 1/10/20
<b>TOTAL COUNTY POPULATION</b>	211,342	2,500 (1.18%)	1,643
Female	51.30%	1,283	682
<b>RACE / ETHNICITY</b>			
White	73.40%	1,835	731
Black or African American	19.00%	475	59
Hispanic or Latino	10.80%	270	55
Asian	4.40%	110	27
<b>ZIP CODE (2010 Census)</b>			
28081 Kannapolis	26,893	317	115
28083 Kannapolis	25,264	298	113
28124 Mount Pleasant	1,755	21	25
28025 Concord	53,874	636	208
28027 Concord	61,581	727	244
28075 Harrisburg	17,629	208	122
28107 Midland	4,191	49	27





## Defining Medicare

Part A, B, C, D

**Part A:** covers inpatient hospital care, nursing facility care, home health agency care, hospice care

**Part B:** covers medical services/supplies

**Part C (Medicare Advantage):** covers services of Part A/B except hospice

**Part D:** covers prescription drugs

## Rate of hospital admission per 1,000 Medicare Enrollees

2016 Short stay hospital utilization for Part A Medicare Enrollees (North Carolina):

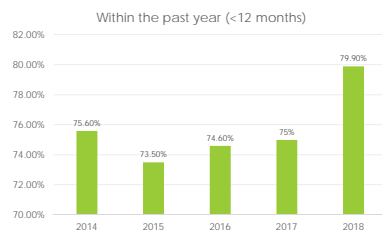
- 255 Discharges per 1,000 enrollees
- Average length of stay (days): 5.0

## Preventative Health Screenings North Carolina

Behavioral Risk Factor Surveillance System (BRFSS)

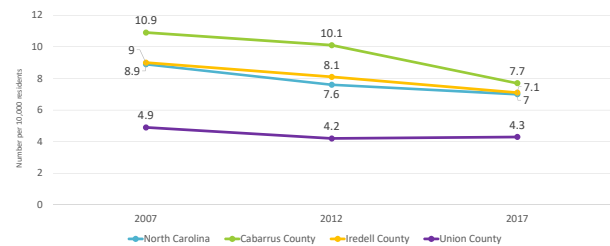
### BRFSS Survey Results

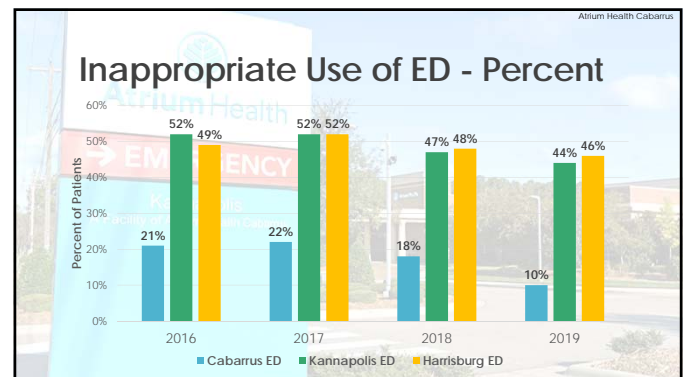
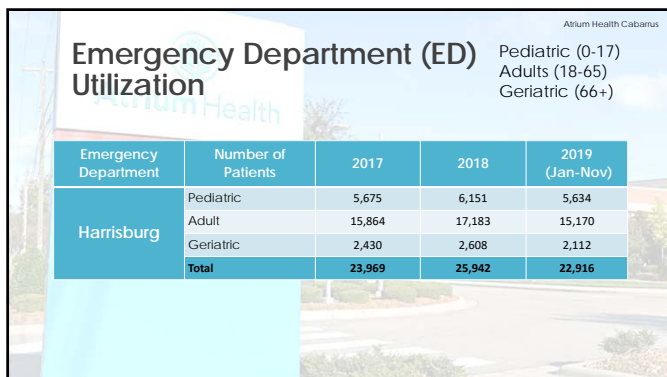
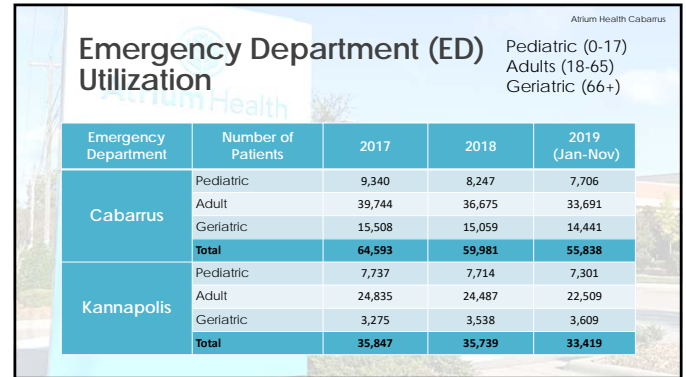
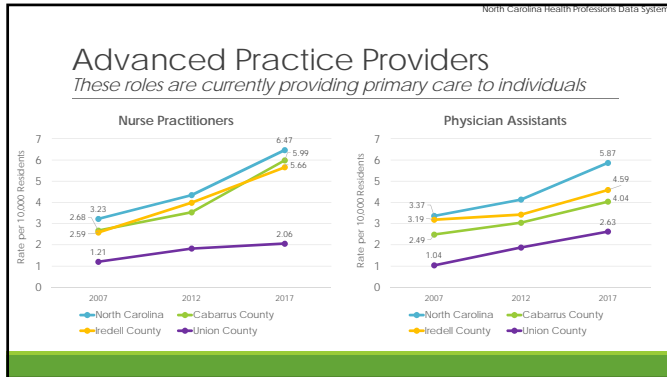
Respondents were asked "About how long has it been since you last visited a doctor for a routine checkup?"



## Number of primary care physicians per 10,000 residents

NC Center for Health Statistics





## Top Reasons for ED Readmission

Readmission rates measure the estimates of unplanned readmission to an acute care hospital in the 30 days after discharge from a hospitalization.

Hospitals with excess readmissions are penalized with reduced Medicare payments.



Transportation



Medications



Caregiver



Healthy Meals

## Community Free Clinic

Patient Demographics (July 2018-June 2019)

The Community Free Clinic is part of HealthNet, known as the "pink card" program. **Total Enrolled: 1286**

Gender	Number Enrolled
Female	832
Male	452

Age	Number Enrolled
Ages 18-24	27
Age 25-64	1172
Ages 65+	87

## Community Free Clinic

Patient Demographics (July 2018-June 2019)

Ethnicity	Number Enrolled
Hispanic/Latino	486
Non-Hispanic/Latino	800

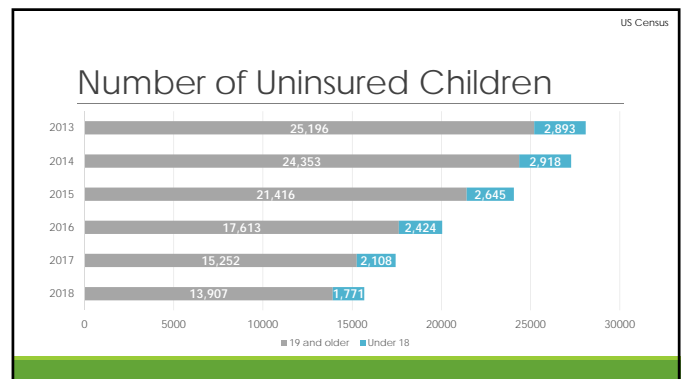
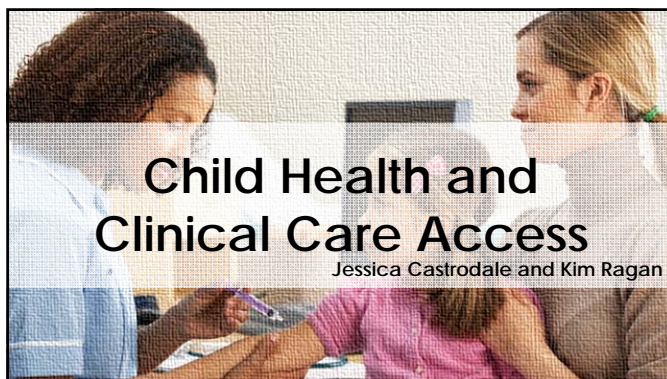
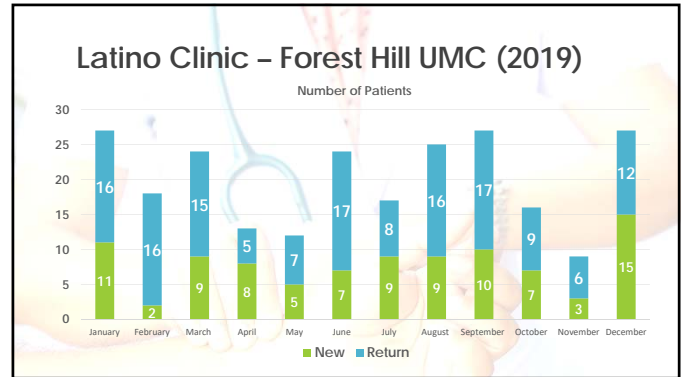
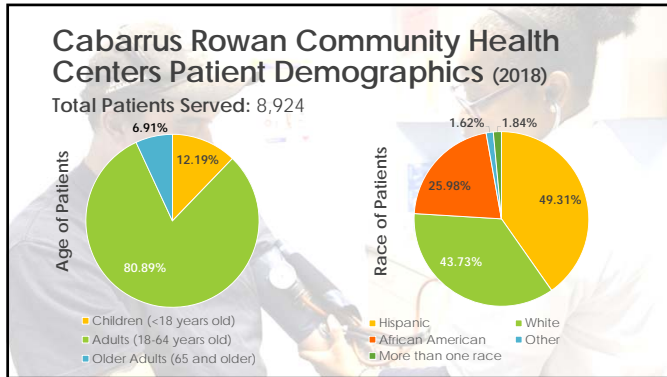
Race	Number Enrolled
White	503
African American	228
Native American	3
Asian	12
Multi-racial	1
Other	533
Unknown	6

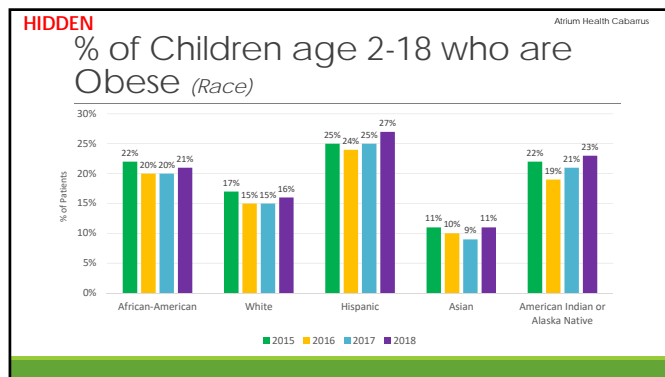
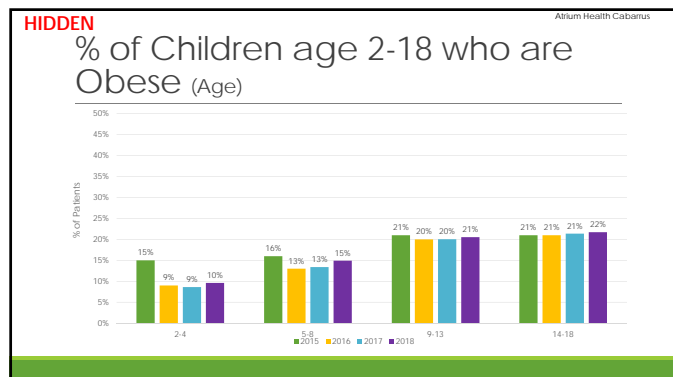
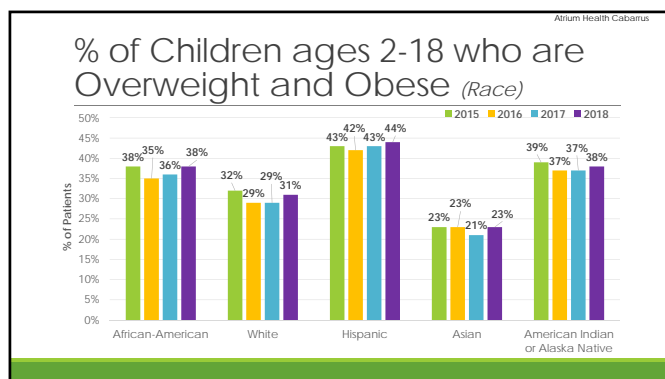
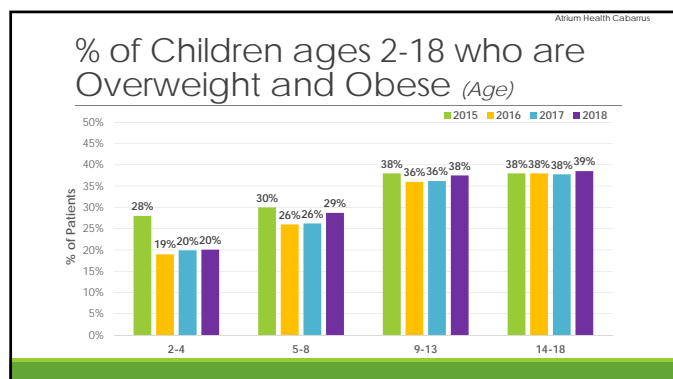
## CFC Social Determinants of Health Screening Results (July-Nov 2019)

Language Most Comfortable Speaking	
English	53%
Spanish	45.05%
Other	1.49%

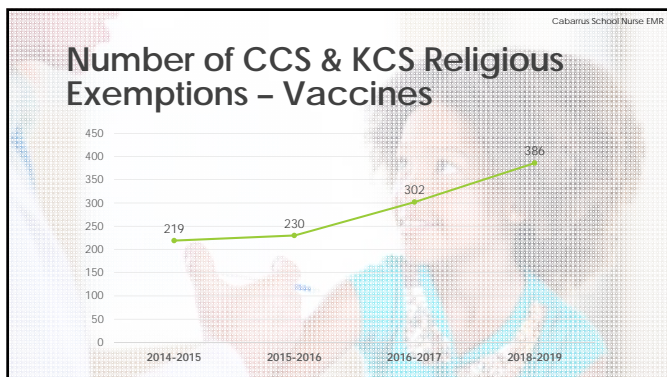
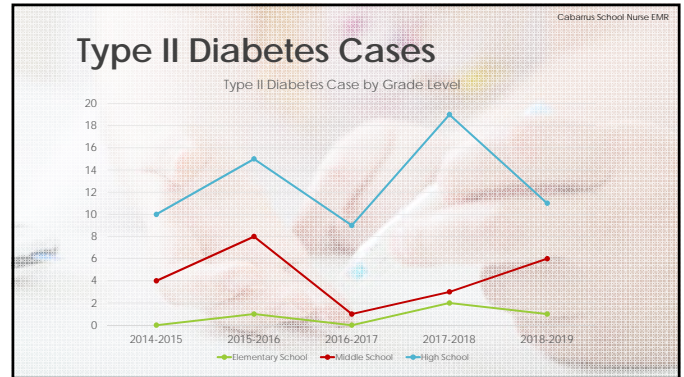
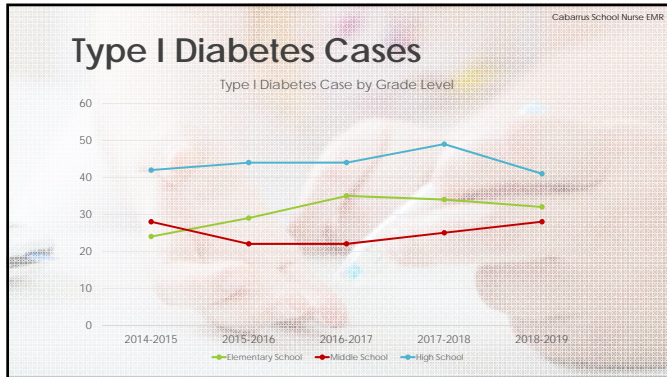
Are you currently working?	
Part-Time	24.18%
Full-Time	13.19%
No, seeking work	17.58%
No, not seeking work	42.86%

Educational Attainment	
Elementary	20.71%
Middle School	10.10%
High School	43.94%
Some college	9.09%
2 years college	4.55%
4 years college	2.02%
4+ years college	3.03%









**HIDDEN**

**Vaccination coverage among children enrolled in Elementary School**

School Systems	Total Student Enrollment	How many are fully Vaccinated	How many are enrolled who are not fully vaccinated	How many have religious exemptions on file?	How many have a medical exemption on file	How many are "in process"?
<b>Cabarrus County</b>	14,073	13,642	219	156	7	49
<b>Kannapolis City</b>	2,536	2,450	43	22	1	20



## Role of School Nurse



School Nurse is often the 1st line of medical care students receive

*Nurses focus on the WHOLE child addressing physical and mental health, nutrition, physical activity, social issues, etc.*



28% of the 40,229 children in Cabarrus County Public Schools are identified with one or more chronic conditions that require intervention at school.

## School Nurse Case Management

Help improve focus and readiness to learn

Work together with parents, teachers and other care providers to meet the specific needs of a student

Provide education for families and children to increase understanding of the child's treatment plan and medications

Provide a safe environment

Provide a foundation of effectively assuming the role of care manager

## School Nurse Case Management



89% Improved Attendance



92% Improved Behavior and Compliance



87% Improved Educational Outcomes and School Engagement



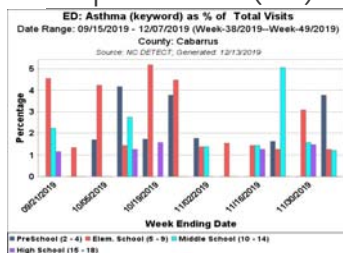
93% Improved Quality of Life

## School Nurse Impact

- 3,934 Doctor ordered medications
- 140,992 Visits to health office for assessment, first-aid, medication or procedure
- 12,891 Students identified with chronic health conditions
- 57 Students pregnancies
- 6,089 Doses of urgent and emergent medications given
- 1,141 invasive procedures done daily
- 479 Injuries requiring EMS or immediate care by physician or dentist
- 2,897 Health education presentations conducted promoting healthy lifestyles
- 8 doses of stock epinephrine delivered for severe allergic reactions

## Asthma related Emergency Department (ED) Visits

NC DETECT



### Shared decision making (SDM)

- It is a model that focuses on patient centered care in order to:
  - Improve disease control
  - Decrease ED visits and hospitalizations
  - Patient adherence to treatment plan
- This model is used as an intervention for patients with asthma in the ED

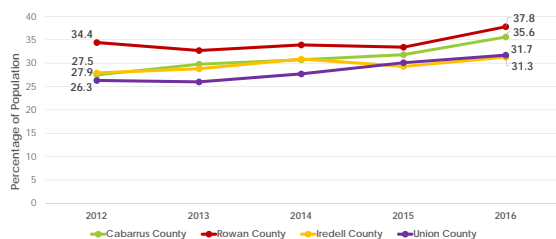
## Health and Wellness

Rolanda Patrick

## Obesity

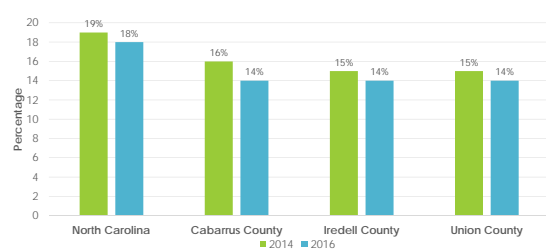
Behavioral Risk Factor Surveillance System (BRFSS)

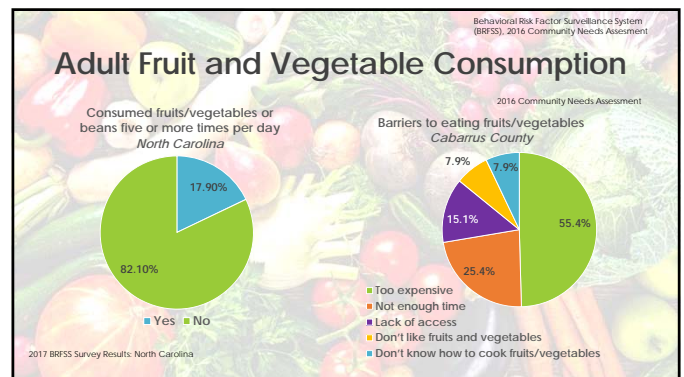
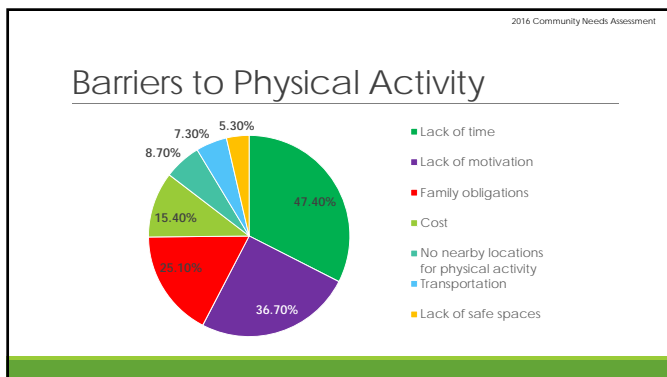
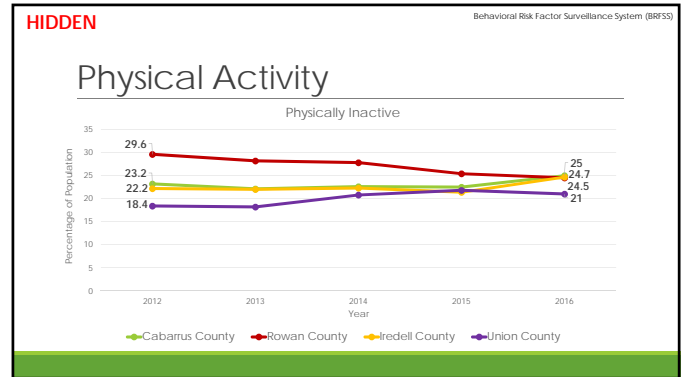
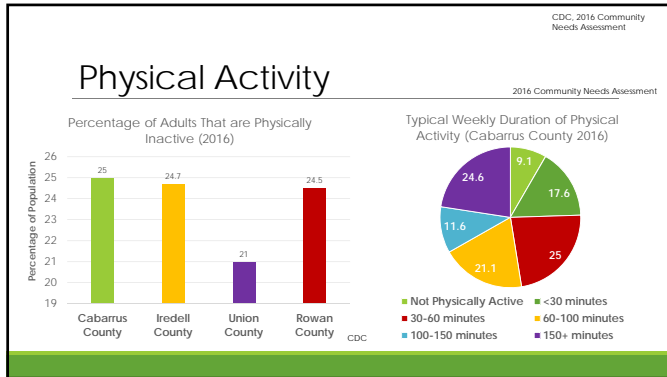
\*Adults who have BMI of 30 or more are considered obese

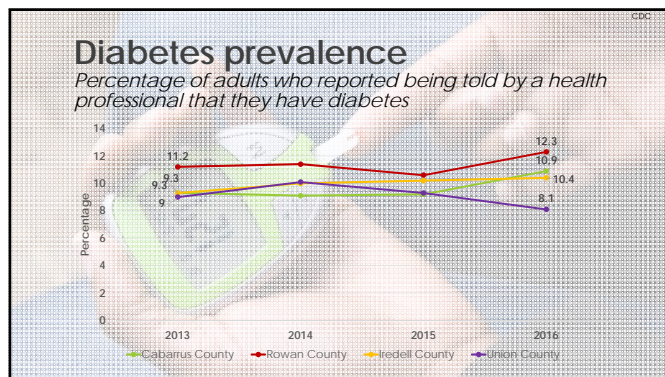
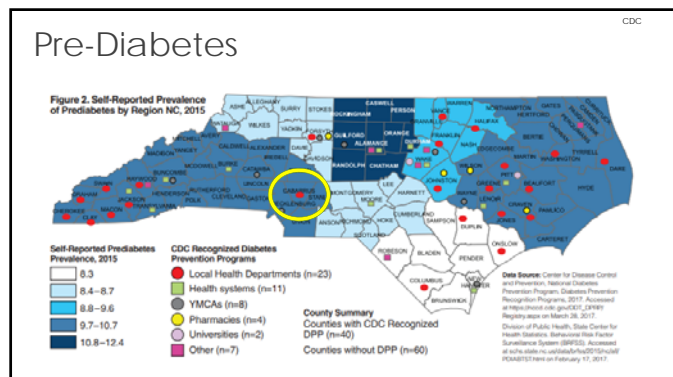
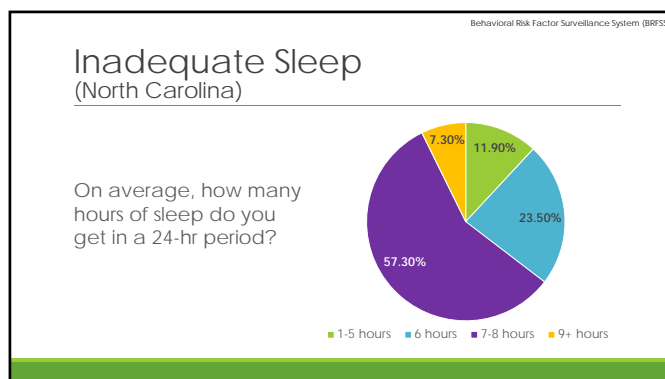
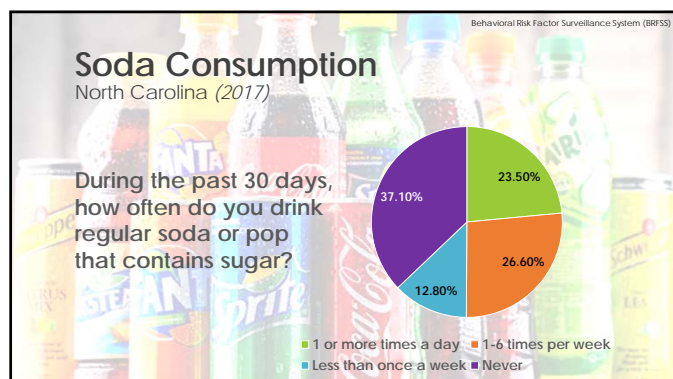


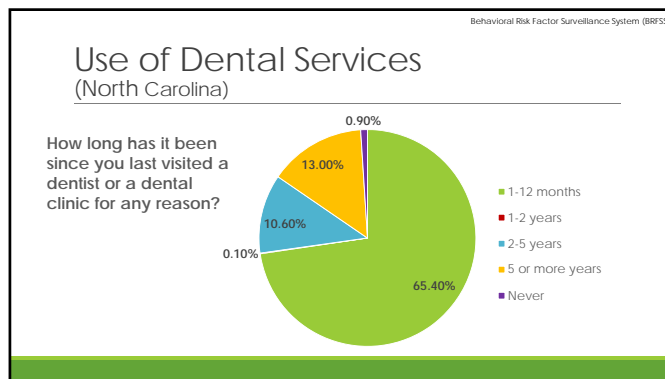
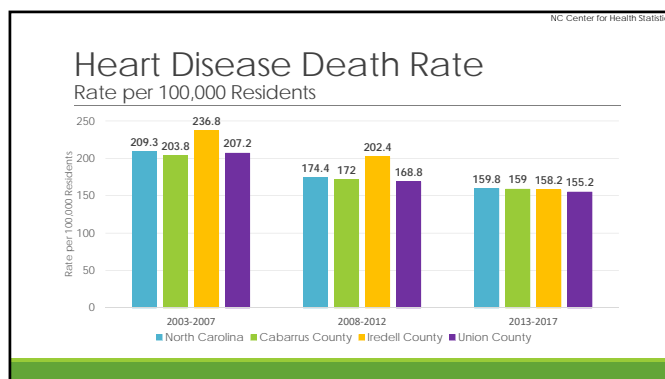
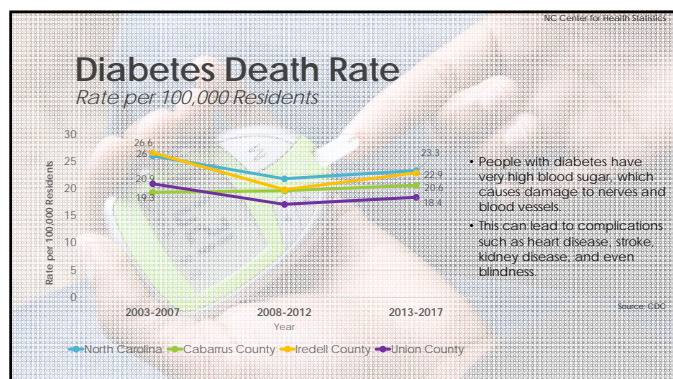
## Percentage of adults reporting fair or poor health

Behavioral Risk Factor Surveillance System (BRFSS)











## Preventative Oral Health

NC Oral Health Division

### NORTH CAROLINA

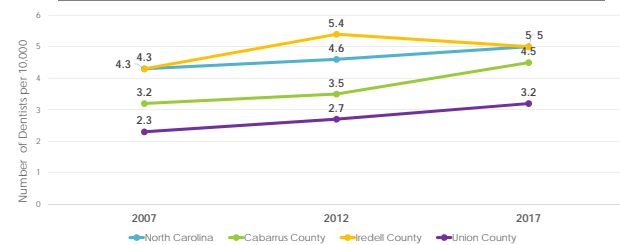
**51%** of children aged 1-2 years received preventive oral health services through Medicaid

REGION 4: ALEXANDER, CABARRUS, CATAWBA, CLEVELAND, GASTON, IREDELL, LINCOLN, MECKLENBURG, ROWAN, STANLY, AND UNION

**28%** of children aged 1-2 years received preventive oral health services through Medicaid

## Number of dentists per 10,000 residents

NC Center for Health Statistics



## 2016 Needs Assessment Survey Dental Data

Out of **802 respondents** that had difficulty receiving health services, there were **36.5%** that reported that they had difficulty receiving preventative dental services (ex. Checkups, getting teeth cleaned) due to financial constraints.

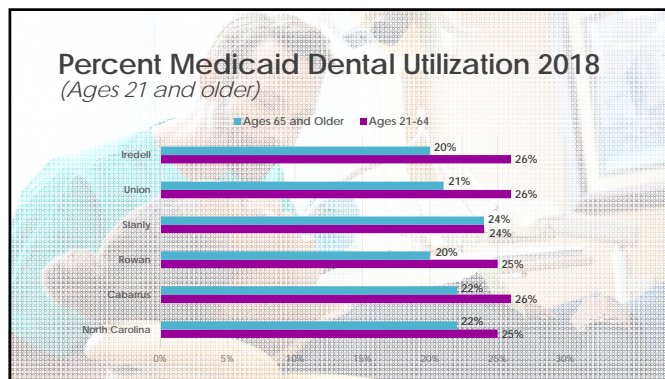
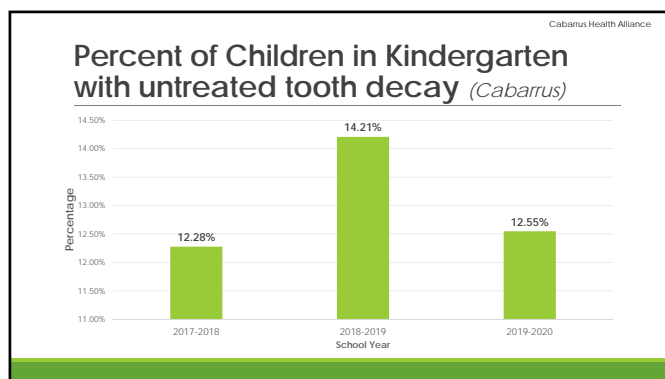
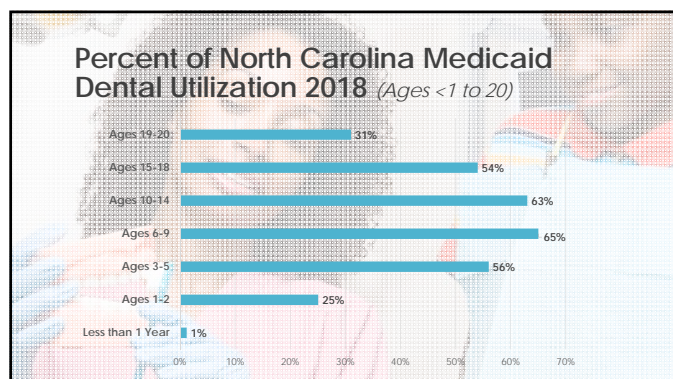
Among those who reported having difficulty accessing health services (**699 respondents**), **67.8%** reported that dental services as being difficult to access.

## Proposed Rule to Increase Dental Care Access

Public health hygienists who practice in rest homes, public schools, long-term care facilities, nursing homes, and rural and community clinics operated by federal, state, county, or local governments in areas identified as dental access shortage areas may:

- Perform clinical hygiene procedures under the direction of a dentist based on a written standing order, rather an in-person evaluation by the dentist
- Supervise a dental assistant who assists the public health hygienist





## Adults 65+ with all permanent teeth extracted

NC Oral Health Division

Having missing teeth or wearing dentures can affect nutrition, because people without teeth or with dentures often prefer soft, easily chewed foods instead of foods such as fresh fruits and vegetables (CDC).



**16.6%** of adults aged 65+ years had all of their permanent teeth extracted

Region 4 Data: Alexander, Cabarrus, Catawba, Cleveland, Gaston, Iredell, Lincoln, Mecklenburg, Rowan, Stanly, and Union

## Focus Group Ranked Priorities

Chronic Disease



8<sup>th</sup>

Adolescent Health



12<sup>th</sup>



9<sup>th</sup>

Dental Health



14<sup>th</sup>

**Evidence** Based Practice

Dr. Andrew Nance

## Questions

