ROADMAP OF NEED 2019

Keith Poston & Lauren Bock, Public School Forum
Roadmap of Need 2019

- Annual Whole Child Needs Assessment for North Carolina Youth

- 20 Indicators of Wellness

- 4 Domains:
  - Health
  - Youth Behavior and Safety
  - Education
  - Economic Development
Ranking Methodology

**Indicator Ranking**
- Ordered counties from highest to lowest or lowest to highest, depending on category
- Ranked counties 1-100

**Domain Ranking**
- Averaged the rankings of all counties from each of the five indicators
- Ranked counties 1-100 based on those averages

**Overall Ranking**
- Averaged the ranking of all 20 indicators for each county
- Ranked counties 1-100 based on those averages
## Health

<table>
<thead>
<tr>
<th>Teen Pregnancy</th>
<th>Number of Physicians</th>
<th>Child Fatality</th>
<th>Child Food Insecurity</th>
<th>Child Obesity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Average Number of Pregnancies per 1,000 Females Ages 15-19 During the Five-Year Average of 2013-2017.</strong></td>
<td><strong>Number of Active, Licensed Physicians with the NC Medical Board per 10,000 in 2017.</strong></td>
<td><strong>Number of Child Deaths per 10,000 Children Under Age 18 in 2017.</strong></td>
<td><strong>Percentage of Children Under Age 18 Living in Food Insecure Households in 2016.</strong></td>
<td><strong>Percentage of Children Ages 2-4 Considered Obese Participating in the Supplemental Nutrition Program for Women, Infants and Children (WIC) in 2017.</strong></td>
</tr>
<tr>
<td>Juvenile Delinquency</td>
<td>Short-Term Suspension</td>
<td>Juvenile Detention Admissions</td>
<td>Children in DSS Custody</td>
<td>Child Abuse and Neglect</td>
</tr>
<tr>
<td>----------------------</td>
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</tr>
<tr>
<td>Number of Delinquent Complaints Received by Court Services Offices per 1,000 Youth Ages 6-15 in 2017.</td>
<td>Number of Suspensions per 1,000 School Age Students in the 2016-2017 School Year from the 115 Local Education Agencies (LEAs) in North Carolina.</td>
<td>Number of Times Individual Youth were Placed in Detention per 1,000 Youth Ages 6-17 in 2017.</td>
<td>Number of Children Who Were in Division of Social Services (DSS) Custody at Some Point During 2017 per 1,000 Youth Under Age 18.</td>
<td>Number of Children with Confirmed Cases of Child Abuse and Neglect per 1,000 Youth Under Age 18 in 2017.</td>
</tr>
</tbody>
</table>
## Education

<table>
<thead>
<tr>
<th>Graduation Rate</th>
<th>3rd Grade Reading Proficiency</th>
<th>NC Math I Proficiency</th>
<th>ACT Composite Score</th>
<th>Met or Exceeded Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cohort Graduation Rate for the 4-year cohort entering 9th grade in 2013-2014 and graduating in 2016-2017 or earlier.</td>
<td>Percentage of Students’ Scores at or Above Grade Level Proficiency on the Third Grade Reading End-of-Grade (EOG) Test in 2016-2017.</td>
<td>Percentage of Students’ Scores at or Above Grade Level Proficiency on the NC Math I End-of-Course (EOC) Test in 2016-2017.</td>
<td>Average Composite ACT Score for 11th Grade Students in each of North Carolina’s 115 LEAs in 2016-2017.</td>
<td>Percentage of schools that met or exceeded growth in each of North Carolina’s 115 LEAs in 2016-2017.</td>
</tr>
</tbody>
</table>
## Economic Development

<table>
<thead>
<tr>
<th>Median Household Income</th>
<th>Child Poverty</th>
<th>Unemployment Rate</th>
<th>Adults with Bachelor’s Degree</th>
<th>Single Parent Households</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exact Middle of the Household Income Distribution in Each County in 2017,</td>
<td>Percentage of Children under Age 18 Living At or Below the Poverty Level in 2017.</td>
<td>Number of Unemployed Individuals as a Percentage of the Labor Force in 2017.</td>
<td>Percentage of the Population 25 Years of Age and Older who have Obtained a Bachelor’s Degree or Higher During the Five-Year Average of 2013-2017.</td>
<td>Percentage of Children Living in Single-Parent Households Out of All Children Living in Family Households During the Five-Year Average of 2012-2016.</td>
</tr>
</tbody>
</table>
Overall Data & Rankings

- Overall Data sorted alphabetically by county name
- Overall Rankings sorted numerically by rank

**Overall Ranking**

- Averaged the ranking of all 20 indicators for each county
- Ranked counties 1-100 based on those averages
Overall Rankings

QUARTILE 1 - Counties Ranked 1-25
QUARTILE 2 - Counties Ranked 26-50
QUARTILE 3 - Counties Ranked 51-75
QUARTILE 4 - Counties Ranked 76-100
Example of County Analysis: Guilford County - 25

- **Health**: 17
  - Teen Pregnancy: 15
  - Number of Physicians: 12
  - Child Fatality: 73
  - Child Food Insecurity: 26
  - Child Obesity: 36
- **Youth Behavior & Safety**: 55
  - Juvenile Delinquency: 70
  - Short-Term Suspensions: 40
  - Detention Admissions: 83
  - Children in DSS Custody: 56
  - Child Abuse/Neglect: 12
- **Education**: 20
  - Graduation Rate: 24
  - 3rd Grade Reading: 62
  - NC Math 1: 28
  - ACT Composite: 23
  - Met or Exceeded Growth: 26
- **Economic Development**: 29
  - Household Income: 23
  - Child Poverty: 23
  - Unemployment: 55
  - Bachelor’s Degrees: 10
  - Single Parent Households: 66
PAUSE! Activity Time!
2019/2018 Comparison

2019

[Map of North Carolina showing county boundaries in 2019]

2018

[Map of North Carolina showing county boundaries in 2018]
## Top Ranked Counties

### 2019

<table>
<thead>
<tr>
<th>Rank</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ORANGE</td>
</tr>
<tr>
<td>2</td>
<td>WAKE</td>
</tr>
<tr>
<td>3</td>
<td>UNION</td>
</tr>
<tr>
<td>4</td>
<td>HENDERSON</td>
</tr>
<tr>
<td>5</td>
<td>MOORE</td>
</tr>
</tbody>
</table>

### 2018

<table>
<thead>
<tr>
<th>Rank</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ORANGE</td>
</tr>
<tr>
<td>2</td>
<td>WAKE</td>
</tr>
<tr>
<td>3</td>
<td>UNION</td>
</tr>
<tr>
<td>4</td>
<td>CABARRUS</td>
</tr>
<tr>
<td>5</td>
<td>DARE</td>
</tr>
</tbody>
</table>
# Lowest Ranked Counties

<table>
<thead>
<tr>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>96</td>
</tr>
<tr>
<td>NORTHAMPTON</td>
<td>ANSON</td>
</tr>
<tr>
<td>97</td>
<td>97</td>
</tr>
<tr>
<td>VANCE</td>
<td>HALIFAX</td>
</tr>
<tr>
<td>98</td>
<td>98</td>
</tr>
<tr>
<td>ROBESON</td>
<td>WARREN</td>
</tr>
<tr>
<td>99</td>
<td>99</td>
</tr>
<tr>
<td>EDGECOMBE</td>
<td>ROBESON</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>WASHINGTON</td>
<td>EDGECOMBE</td>
</tr>
</tbody>
</table>
Largest Shift in Rankings

Decrease

- Craven County: 29 to 47
- Hyde County: 55 to 71

Increase

- Haywood County: 40 to 23
- Hoke County: 69 to 54
- Jackson County: 46 to 27
- McDowell County: 77 to 58
- Pamlico County: 59 to 40
Now What?

How to Use the Roadmap:

- Utilize the Data to Demonstrate Needs
- Find Successes & Areas for Improvement
- Community Collaboration
- Increase Resources (Grant Writing, Etc)
Now What?

- Sharing Your Story
- Take the Data to Policymakers!
  - School Board Members
  - County Commissioners
  - Members of the General Assembly
Thank You! Questions?

Contact Information

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2019 Roadmap of Need
Download at
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