ROADMAP OF NEED 2018

Keith Poston & Lauren Bock, Public School Forum
Roadmap of Need 2018

- 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>
</table>
# Youth Behavior & Safety

<table>
<thead>
<tr>
<th>Juvenile Delinquency</th>
<th>Short-Term Suspension</th>
<th>Juvenile Detention Admissions</th>
<th>Children in DSS Custody</th>
<th>Child Abuse and Neglect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Delinquent Complaints Received by Court Services Offices per 1,000 Youth Ages 6-15 in 2016.</td>
<td>Number of Suspensions per 1,000 School Age Students in the 2015-2016 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 2016.</td>
<td>Number of Children Who Were in Division of Social Services (DSS) Custody at Some Point During 2016 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 2016.</td>
</tr>
</tbody>
</table>
# Education

<table>
<thead>
<tr>
<th>Graduation Rate</th>
<th>3rd Grade Reading Proficiency</th>
<th>Math I Proficiency</th>
<th>ACT Composite Score</th>
<th>Percentages of AMO Targets Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cohort Graduation Rate for the 4-year cohort entering 9th grade in 2012-2013 and graduating in 2015-2016 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 2015-2016.</td>
<td>Percentage of Students’ Scores at or Above Grade Level Proficiency on the Math I End-of-Course (EOC) Test in 2015-2016.</td>
<td>Average Composite ACT Score for 11th Grade Students in each of North Carolina’s 115 LEAs in 2015-2016.</td>
<td>Number of AMO Targets Met in each School within each of North Carolina’s 115 LEAs in 2014-2015.</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 2016.</td>
<td>Percentage of Children under Age 18 Living At or Below the Poverty Level in 2016.</td>
<td>Number of Unemployed Individuals as a Percentage of the Labor Force in 2016.</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 2012-2016.</td>
<td>2011-2015 Five-Year Average of the Percentage of Children Living in Single-Parent Households Out of All Children Living in Family Households.</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 DATA**

<table>
<thead>
<tr>
<th>County</th>
<th>Teen Pregnancy Rate</th>
<th>Number of Pregnancies</th>
<th>Child Fertility Rate</th>
<th>Child Food Insecurity</th>
<th>Child Obesity Percentage</th>
<th>Juvenile Incidence Rate</th>
<th>Short-Term Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alamance County</td>
<td>32.80</td>
<td>17.95</td>
<td>5.65</td>
<td>22.90%</td>
<td>15.40%</td>
<td>18.61</td>
<td>127.88</td>
</tr>
<tr>
<td>Alexander County</td>
<td>38.50</td>
<td>3.39</td>
<td>1.27</td>
<td>23.00%</td>
<td>14.80%</td>
<td>29.79</td>
<td>55.75</td>
</tr>
<tr>
<td>Alleghany County</td>
<td>42.70</td>
<td>8.07</td>
<td>4.90</td>
<td>24.70%</td>
<td>21.10%</td>
<td>31.00</td>
<td>69.77</td>
</tr>
<tr>
<td>Anson County</td>
<td>52.20</td>
<td>6.80</td>
<td>13.01</td>
<td>25.00%</td>
<td>17.70%</td>
<td>25.47</td>
<td>660.59</td>
</tr>
<tr>
<td>Ashe County</td>
<td>42.30</td>
<td>10.55</td>
<td>3.95</td>
<td>26.20%</td>
<td>16.10%</td>
<td>18.62</td>
<td>86.43</td>
</tr>
<tr>
<td>Avery County</td>
<td>24.00</td>
<td>14.52</td>
<td>10.67</td>
<td>22.00%</td>
<td>8.50%</td>
<td>49.22</td>
<td>13.57</td>
</tr>
</tbody>
</table>
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: Pitt County - 67

**Health:**
- Teen Pregnancy: 11
- Number of Physicians: 4
- Child Fatality: 79
- Child Food Insecurity: 35
- Child Obesity: 66

**Youth Behavior & Safety:**
- Juvenile Delinquency: 94
- Short-Term Suspensions: 98
- Detention Admissions: 93
- Children in DSS Custody: 33
- Child Abuse/Neglect: 43

**Education:**
- Graduation Rate: 69
- 3rd Grade Reading: 66
- Math 1: 62
- ACT Composite: 77
- AMO Targets: 85

**Economic Development:**
- Household Income: 44
- Child Poverty: 41
- Unemployment: 58
- Bachelor’s Degrees: 16
- Single Parent Households: 80
PAUSE! Activity Time!
2017/2018 Comparison

2017

2018
## Top Ranked Counties

<table>
<thead>
<tr>
<th>Rank</th>
<th>2017</th>
<th></th>
<th>2018</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ORANGE</td>
<td>ORANGE</td>
<td>2</td>
<td>WAKE</td>
</tr>
<tr>
<td>2</td>
<td>UNION</td>
<td></td>
<td>3</td>
<td>UNION</td>
</tr>
<tr>
<td>3</td>
<td>WAKE</td>
<td></td>
<td>4</td>
<td>CABARRUS</td>
</tr>
<tr>
<td>4</td>
<td>CABARRUS</td>
<td></td>
<td>5</td>
<td>DARE</td>
</tr>
<tr>
<td>5</td>
<td>WATAUGA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Lowest Ranked Counties

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

Decrease

- Alleghany County: 59 to 75
- Clay County: 37 to 57

Increase

- Currituck County: 31 to 15
- Durham County: 47 to 28
- Granville County: 45 to 23
- Greene County: 88 to 72
- Madison County: 53 to 37
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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2018 Roadmap of Need
Download at
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