How Using Data Can Help Close Opportunity Gaps

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Early Years Matter

Access to High-Quality Early Learning Opportunities
North Carolina Pathways
Measures of Success Framework

- Health and Development on Track Beginning at Birth
- Supported and Supportive Families and Communities
- High Quality Birth-through-Age-Eight Learning Environments with Regular Attendance
## North Carolina Pathways

### HIGH QUALITY LEARNING MEASURES OF SUCCESS

<table>
<thead>
<tr>
<th>HIGH QUALITY EARLY CARE &amp; EDUCATION</th>
<th>SCHOOL CLIMATE</th>
<th>REGULAR SCHOOL ATTENDANCE</th>
<th>GRADE LEVEL PROMOTION</th>
<th>SUMMER LEARNING</th>
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### THESE MEASURES ARE INFLUENCED BY

- SUSPENSION AND EXPULSION
- TEACHER AND ADMINISTRATOR EDUCATION
- TRAUMA-INFORMED EDUCATION
- SPECIAL EDUCATION
- TEACHER AND ADMINISTRATOR KNOWLEDGE OF CHILD DEVELOPMENT
- DIVERSE SCHOOLS
- SUPPORTED TRANSITIONS
- SPECIALIZED TEACHER TRAINING
- CULTURAL COMPETENCE
- NATIVE LANGUAGE SUPPORT
- AFFORDABLE HIGH QUALITY CHILD CARE
- HIGH QUALITY PRE-KINDERGARTEN
- SCHOOL STABILITY
- QUALITY SUMMER LEARNING PROGRAMS
Teachers Matter
Access to Effective Educators
Teachers Matter
Cumulative effects & lasting impact

CST math proficiency trends for second-graders at ‘Below Basic’ or ‘Far Below Basic’ in 2007 who subsequently had three consecutive high or low value-added teachers

Sources: The Education Trust; Sanders and Rivers, “Cumulative and Residual Effects.”
Excellent Educators for All Initiative

Access to Effective Educators

Civil Rights Community

Education Stakeholders

Every Student Succeeds Act
ESSA and State Equity Plans

Teacher Effectiveness
- Teacher Observation
- Student Growth

Teacher Experience
- Years of Experience
- Experience within a District/School

Teacher Qualifications
- Certification Type
- License Type
Teaching to the Middle Trend

Report: Teacher Diagnostic
School: Fire Ant High School
District: Big City School District
Teacher: SAMARA ABBAS (3116338)

Test: End of Course
Subject: Algebra I

2112 Achievement Groups (83)
- 1 (Lowest) (33)
- 2 (Middle) (31)
- 3 (Highest) (19)
Achievement Gap Widening Trend

Report: Teacher Diagnostic
School: Hippopotamus Middle School
District: Big City School District
Teacher: PETRA ADCOCK (2336857)

Test: End of Grade
Subject: Reading
Grade: 7th Grade

Teacher Value-Added
Teacher Diagnostic
Teacher Custom Diagnostic

Filter By: Subgroup

2112 Achievement Groups (51)
1 (Lowest) (13)
2 (Middle) (10)
3 (Highest) (27)
Students Not Used in Analysis (1)
Achievement Gap Closing Trend
Schools Matter
Access to Rigorous Schooling Experiences
Our Purpose

Why are we here?
Add ‘em up!
Will you reach your dreams?

Total Points Needed:

- Dropout: 0 - 9
- Graduate High School: 10 - 14
- Enroll in College: 15 - 19
- Bypass Remedial Courses: 20 - 24
- Succeed in Technical Majors: 25 - 30

The work of K-12 educators matters greatly for our students’ futures.
Tennessee Empirical Data

Achievement vs. % Economically Disadvantaged

Source: School-level results for 2015 math in grades 4-8, available publicly on the TVAAS Public website.
Tennessee Empirical Data

Growth vs. % Economically Disadvantaged

Source: School-level results for 2015 math in grades 4-8, available publicly on the TVAAS Public website.
The Power of Two

A more complete picture of student learning

Source: School-level results for 2015 math in grades 4-8, available publicly on the TVAAS Public website.
The Power of Two
Achievement and growth

Source: School-level results for 2016 Math in grades 3-8, available publicly on the TVAAS Public website.
Thank you.

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