

Education in NC 101

Leadership North Carolina

December 2020



BEST NC's Mission

Unite an engaged and informed business perspective to build consensus toward dramatically transforming and improving education in North Carolina.



Brenda Berg

1st Gen Grad. Entrepreneur. Education Advocate. Parent.



YOU HAVE ENEMIES?
GOOD. THAT MEANS YOU'VE
STOOD UP FOR SOMETHING
SOMETIME IN YOUR LIFE

Winston Churchill





XXII

Today's Discussion

- ✓ Education Innovation in North Carolina
- ✓ Education Systems, Governance & Finance
- ✓ The Basics:
 - Enrollment
 - Educators
 - Achievement
 - Attainment
- ✓ Current Statewide Initiatives

Context:

- National
- Demographics
- Equity

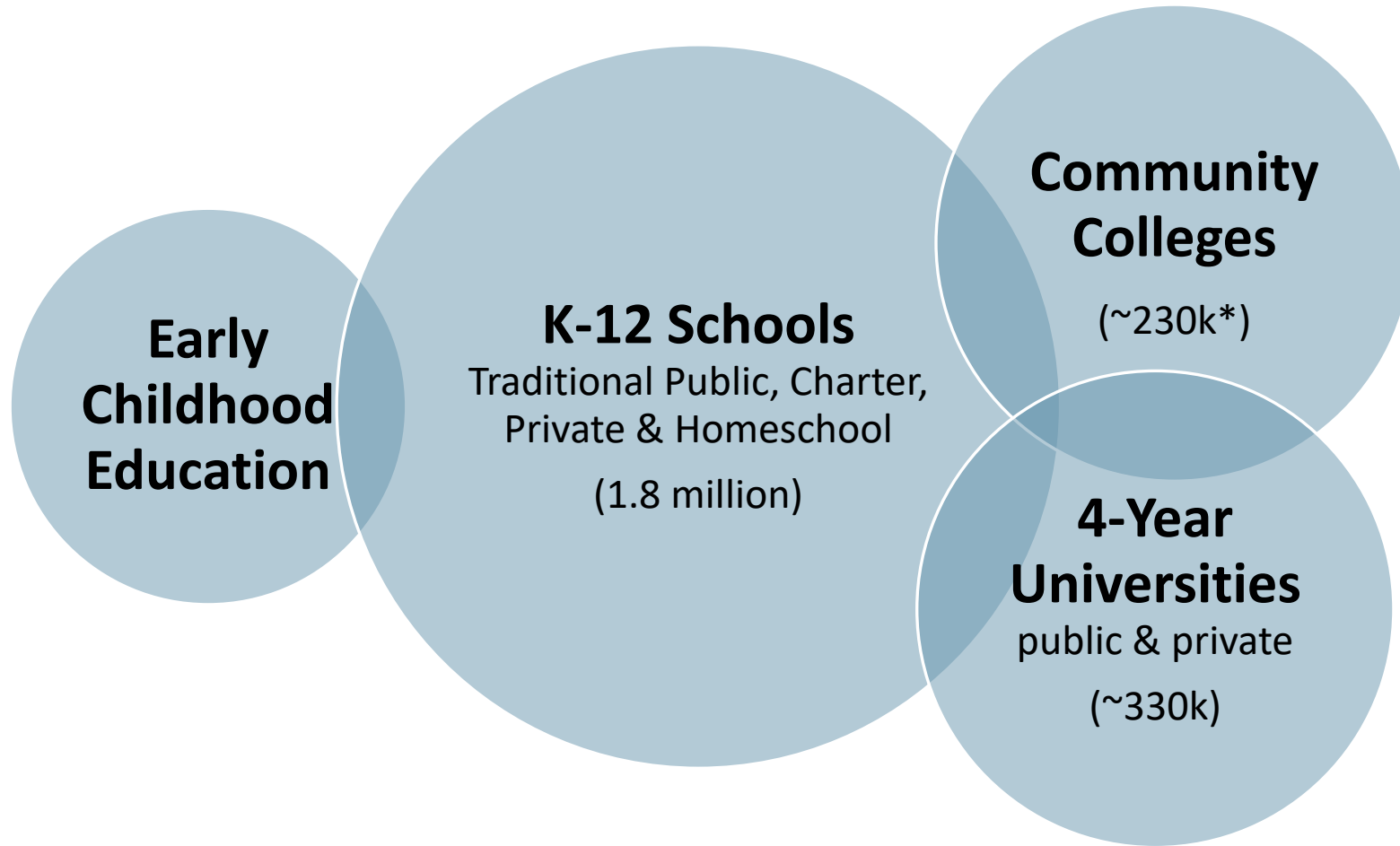
HOMEWORK

NC's Historic Commitment to Education

- 1776** North Carolina's First Constitution Recognizes Education
- 1789** University of North Carolina Chartered
- 1840** First Public School in North Carolina
- 1868** 2nd Constitution of North Carolina Establishes Education Rights
- 1919** School Lengthened to 6 Months / Teacher Certification Established
- 1931** **Brookings Plan/School Machinery Act** (UNC System Established and K12 Operations Funding)
- 1943** Nine Month School Year
- 1946** Compulsory Attendance to Age 16
- 1963** Community College System Founded
- 1977** Universal, All-day Kindergarten
- 1993** Smart Start Established
- 2002** First Early College High School
- 2011** **NC Career & College Promise Program** (Dual Enrollment, CTE & Coop Innov HS)



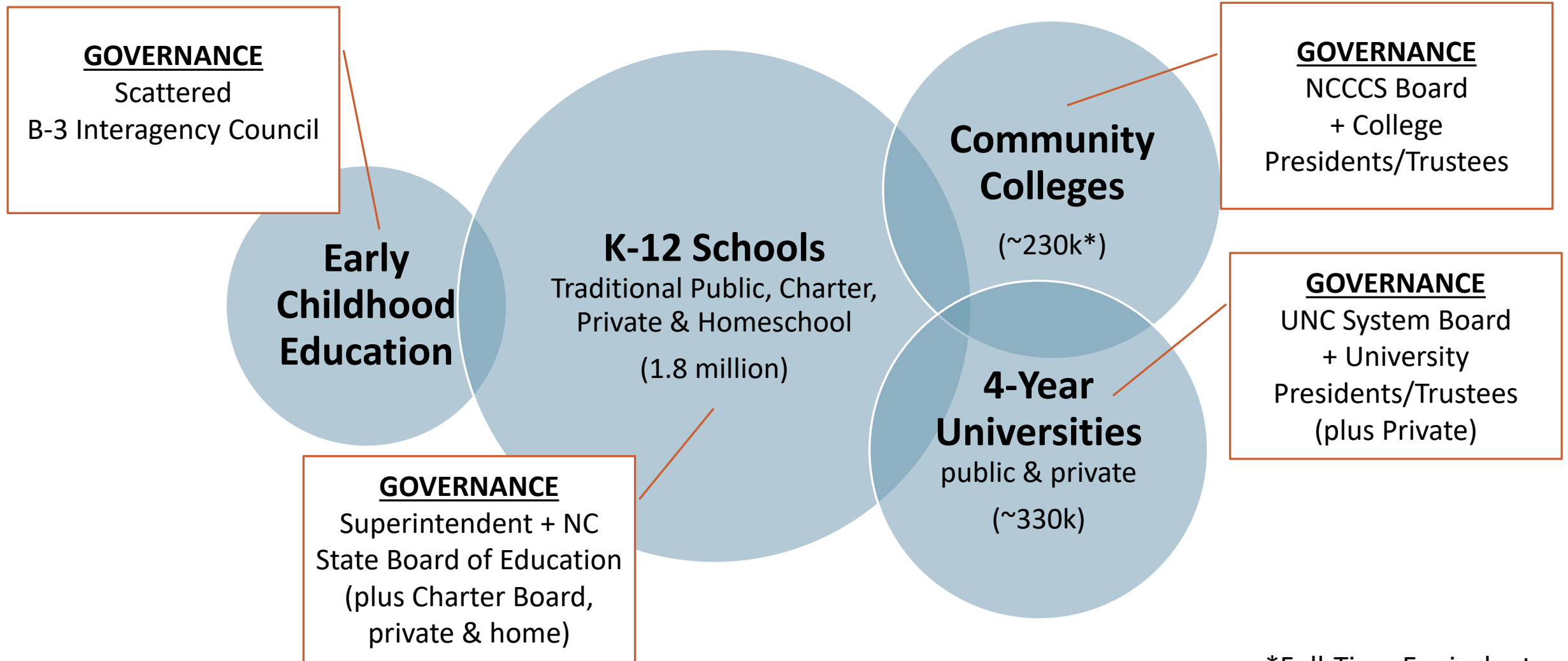
Education Systems in North Carolina



*Full-Time Equivalent

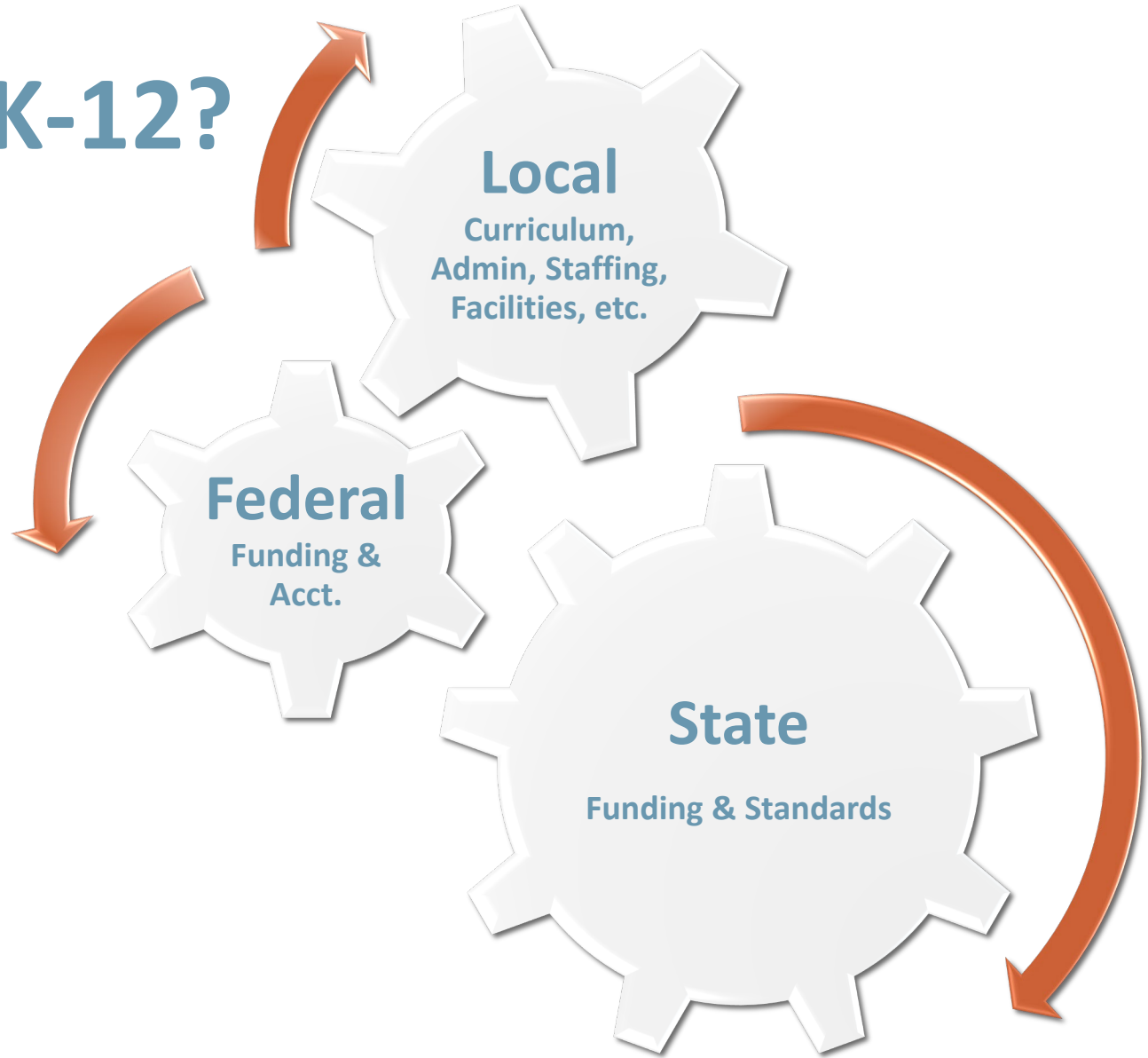
INSTITUTIONS & GOVERNANCE

Education Systems in North Carolina



*Full-Time Equivalent

Who's in charge of K-12?



K-12 Schools, by Type (2018-19)

Traditional Public	2,460
Public Charter	184
Regional and Lab Schools	6
Statewide: Deaf & Blind	3
Statewide: Virtual Schools	2
Innovation School District	1
Private	769
Total Schools*	3,425

**There are also over 90,000 individual homeschools across North Carolina.*

***Source:** NC DPI Statistical Profile; NC DPI Education Services for the Deaf and Blind; NC Division of Non-Public Education*

Higher Education Institutions

UNC System

17 Public Campuses



Source: UNC System Campuses Map

Independent Colleges and Universities

36 Institutions



Source: NCICU Colleges and Universities

North Carolina Community College System (NCCCS)

58 Community Colleges

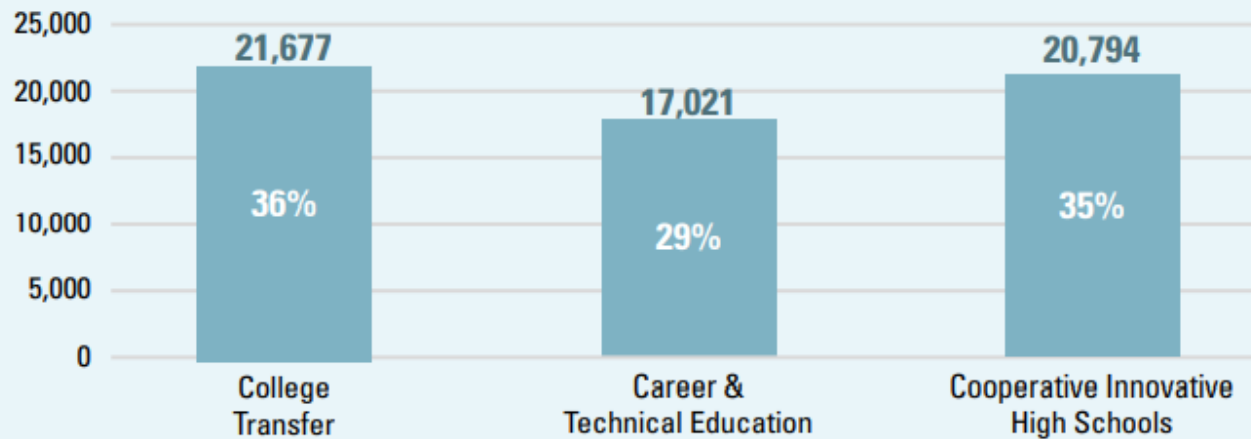


Source: NCCCS Main Campuses

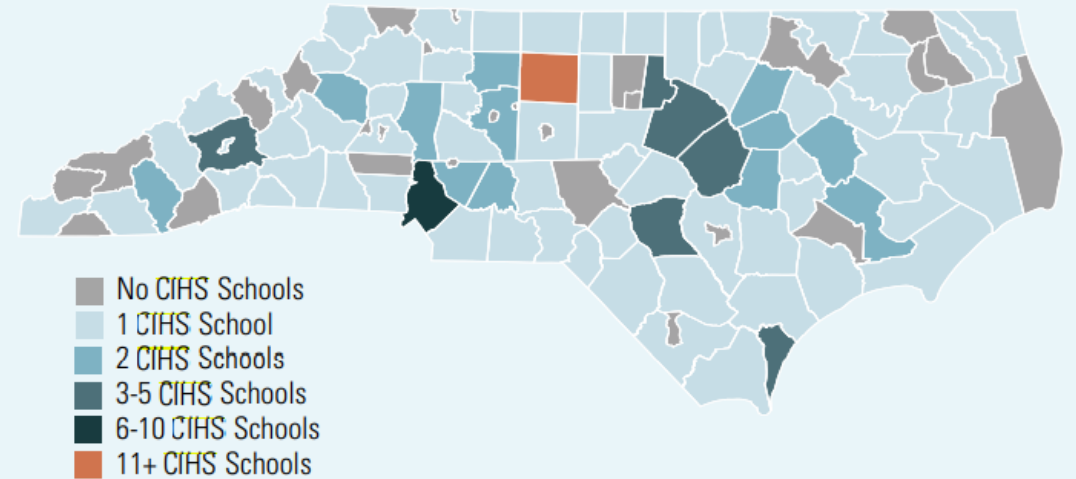
NC CAREER & COLLEGE PROMISE

North Carolina offers qualified high school students the opportunity to enroll in community college and university courses that provide pathways to a certificate, diploma, degree, or state- or industry-recognized credential. Enrollment in these courses is free for students and many courses count for both high school and college credit.

Career and College Promise Enrollment, by Program Type (2018-19) 59,493 students



Cooperative Innovative High Schools, by District (2019-20)



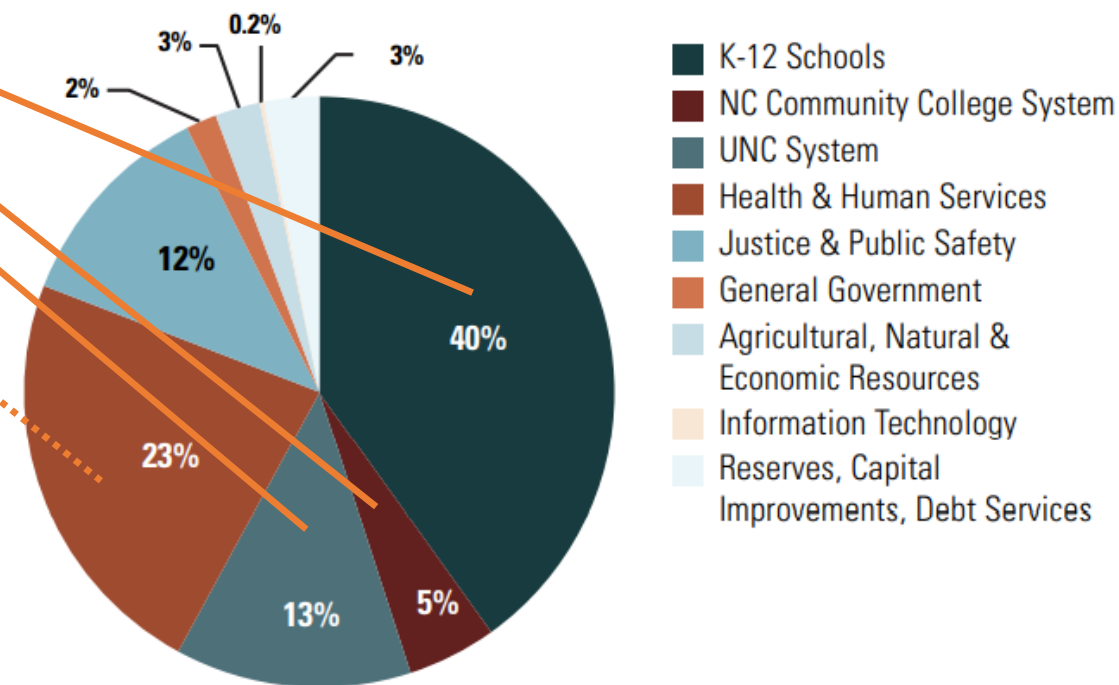
North Carolina is one of just 10 states that have enacted specific legislation to create and/or sustain early college high schools, the most common type of Cooperative Innovative High Schools (CIHS) across the state. CIHSs have significantly higher college acceptance rates than traditional, charter or private students (see page 70).

FUNDING

State Education Funding

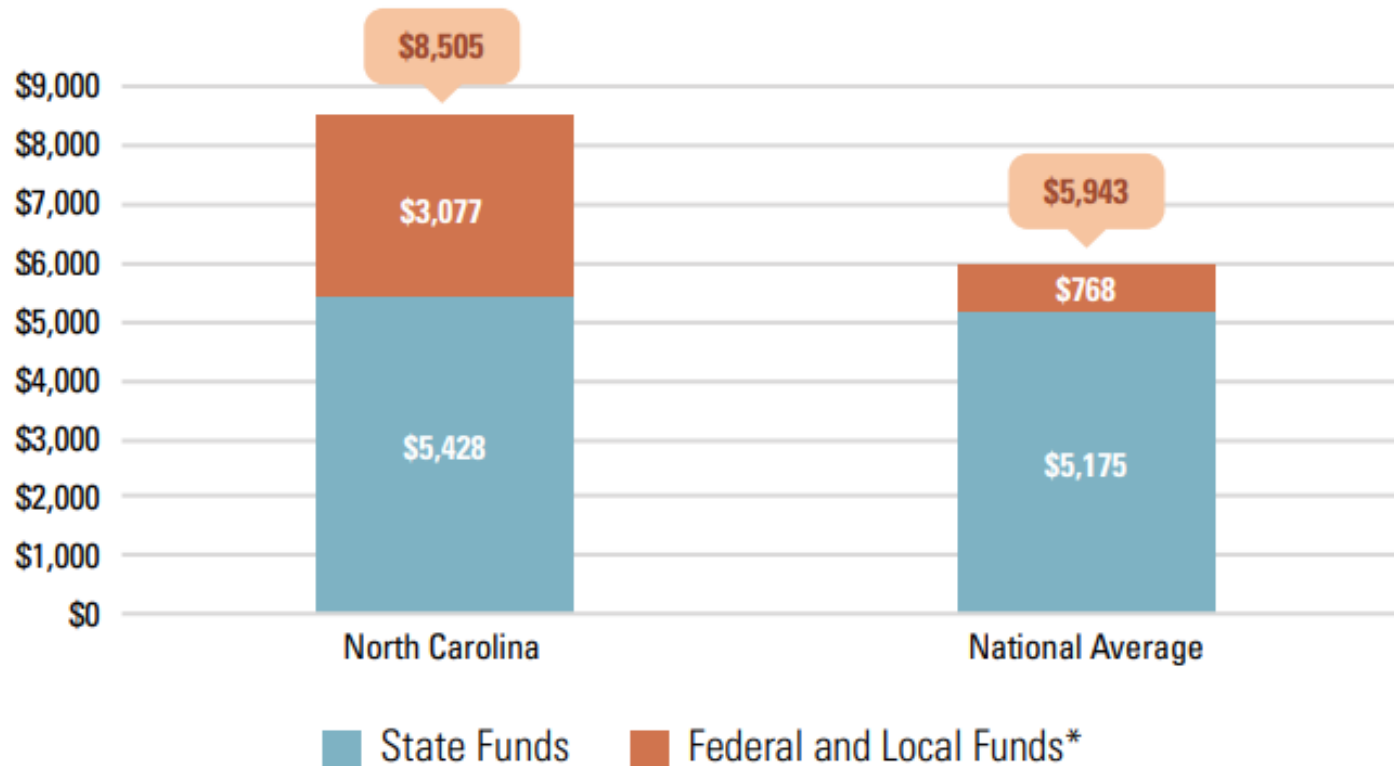
North Carolina General Fund Appropriations (2019-20)

K-12 Schools	\$9,586,373,370	40%
NC Community College System	\$1,168,416,399	5%
UNC System	\$3,092,495,985	13%
Health & Human Services	\$5,480,381,553	23%
HHS: Division of Child Development & Early Education	\$237,639,267	1%
Justice & Public Safety	\$2,805,128,514	12%
General Government	\$405,781,402	2%
Natural & Economic Resources	\$591,132,536	3%
Information Technology	\$53,518,546	0.2%
Reserves, Capital Improvements, Debt Services	\$720,132,139	3%
Total	\$23,903,360,444	100%



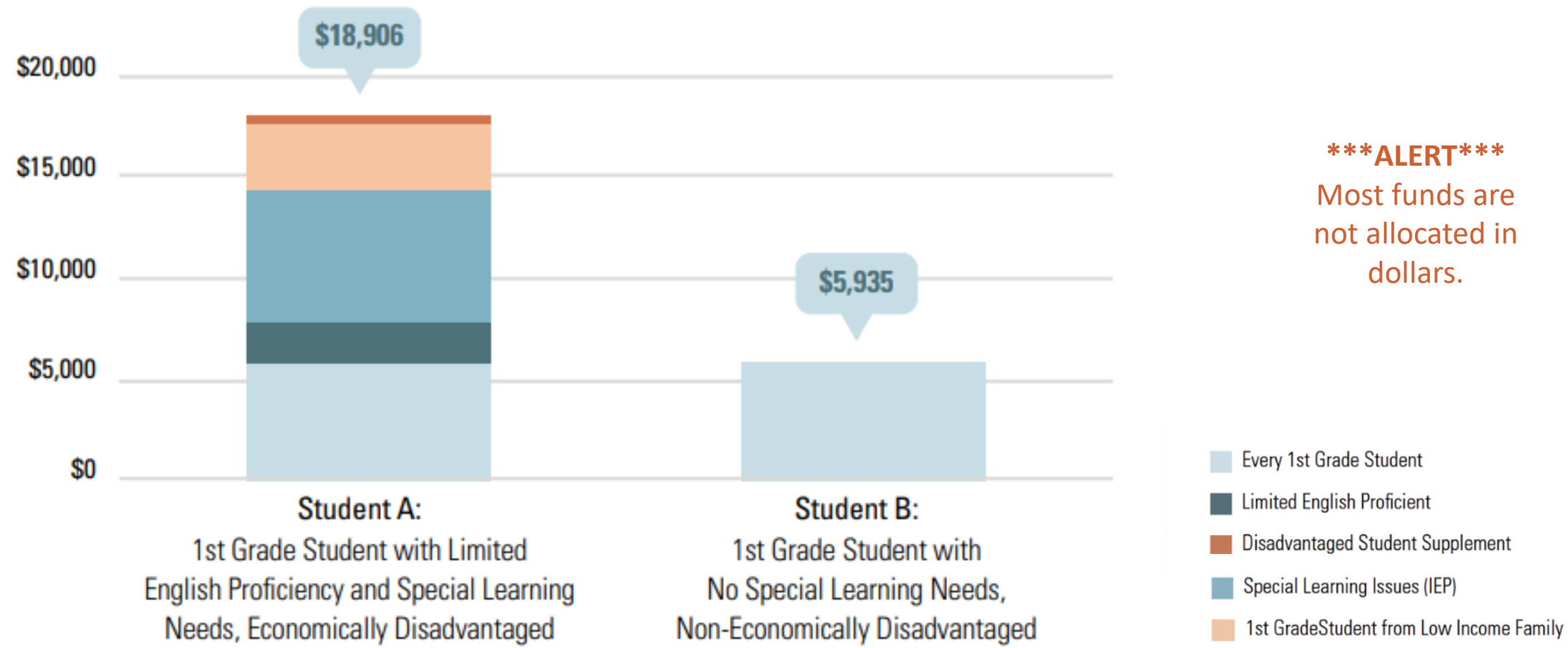
Pre-K Education Funding

Total Spending per Child Enrolled in State Pre-K Programs, by Funding Source (2018)

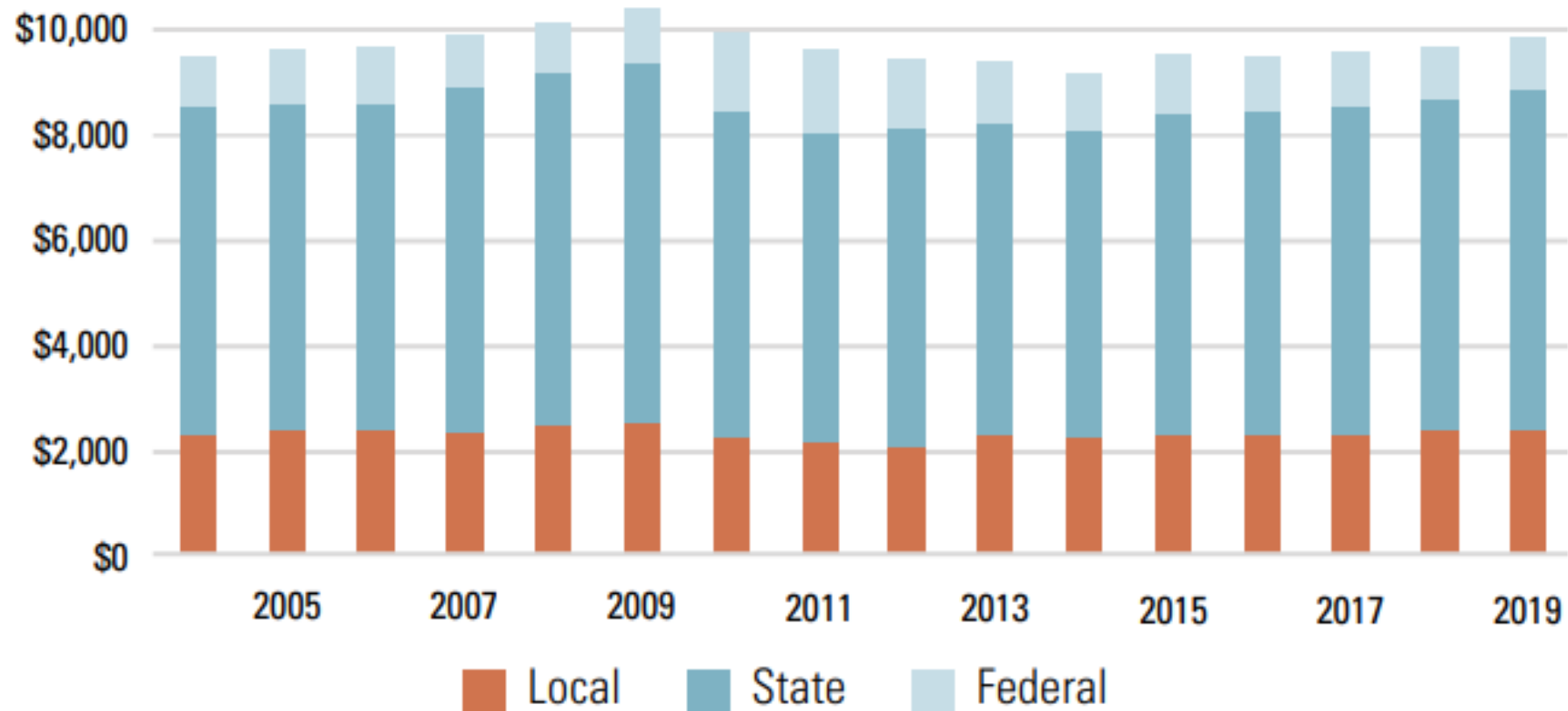


**Pre-K programs may receive additional funds from federal or local sources that are not included in this figure. To learn more, check out the [NC Early Childhood Foundation Cost of NC Pre-K Fact Sheet](#).*

Example Federal and State per Pupil K-12 Public Education Funding, by Student Characteristic (2018-19)*



K-12 Public Education per Pupil Expenditures, Inflation Adjusted to 2019 Dollars (2004 to 2019)



K-12 Public Education per Pupil Funding, by Source (FY2017)

	North Carolina	National Average
Total Revenue Per Pupil	\$9,588	\$14,723
State %	\$5,898 (62%)	\$6,726 (47%)
Federal %	\$1,072 (11%)	\$1,137 (8%)
Local %	\$2,618 (27%)	\$6,410 (45%)

Education in NC is disproportionately funded at the State Level, compared with other states.

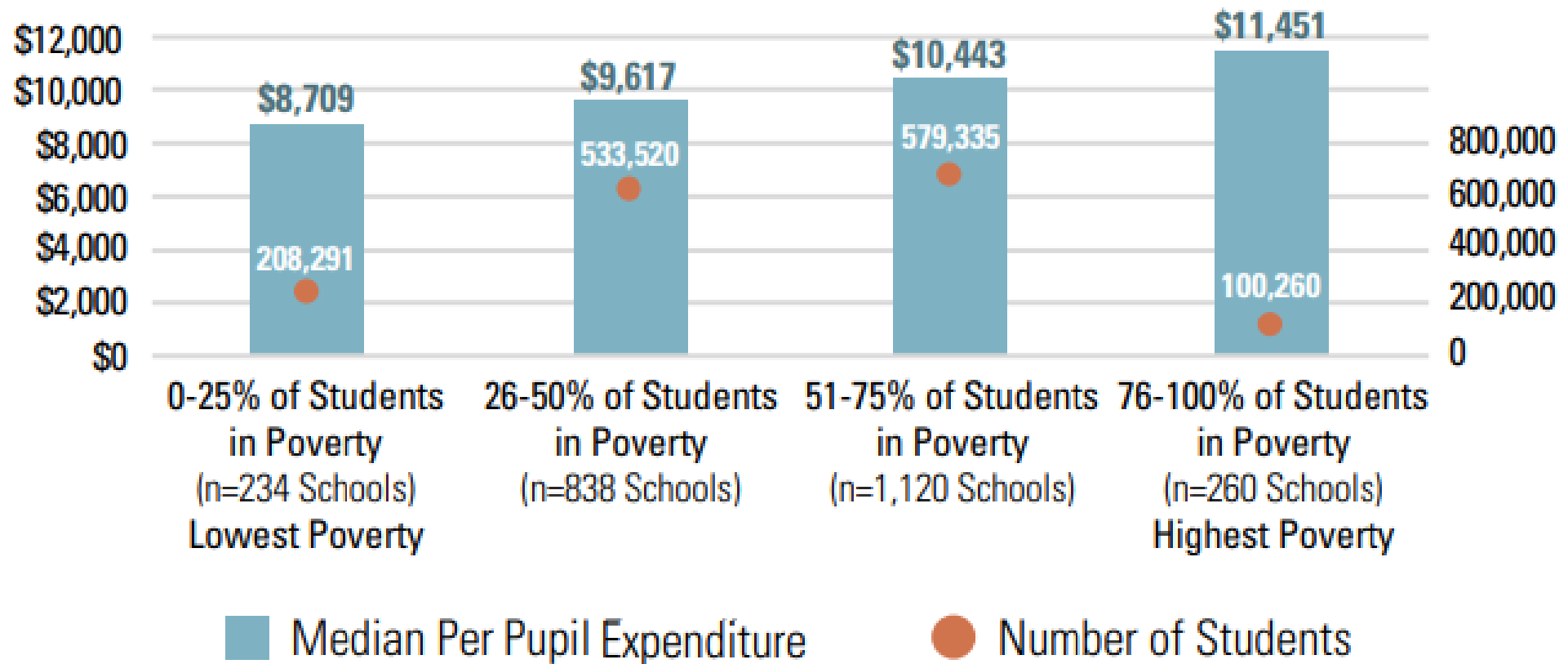
***Brookings Plan!**



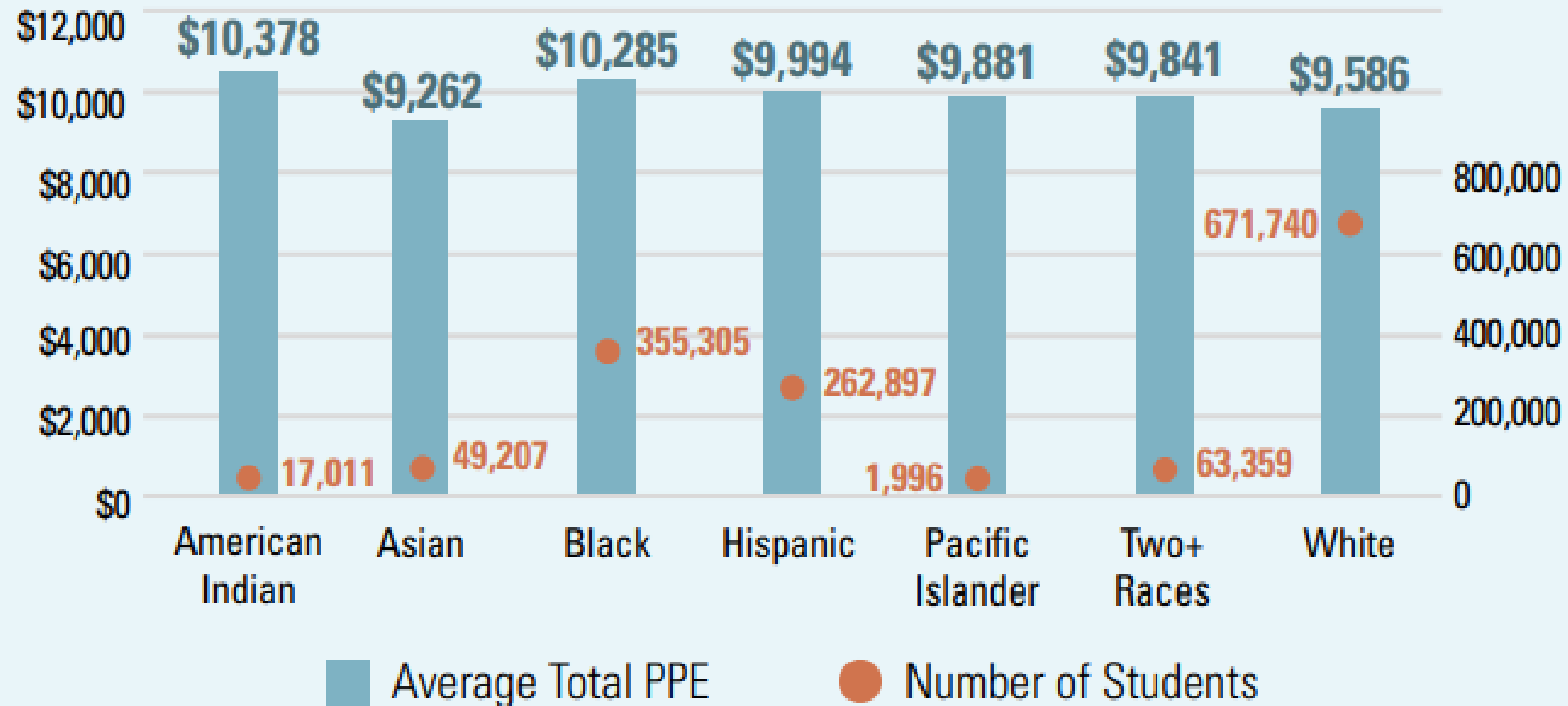
North Carolina is one of just six states nationally that provide at least 10% more per pupil funding to high poverty districts than low poverty districts.

Source: Ed Build 2016 Resource Inequality Map

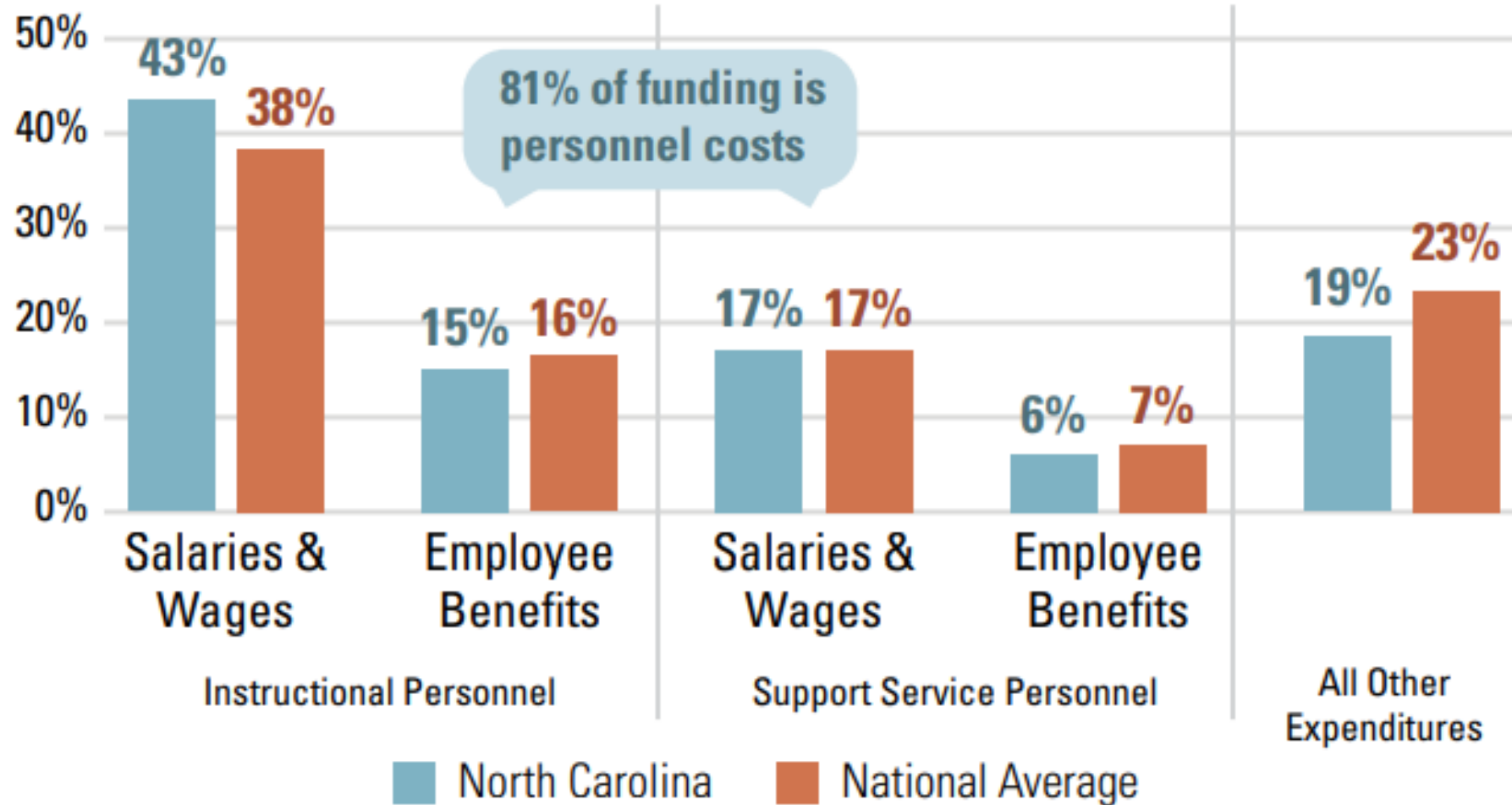
Median School-Level per Pupil Expenditures, by School Poverty Level (2019-20)



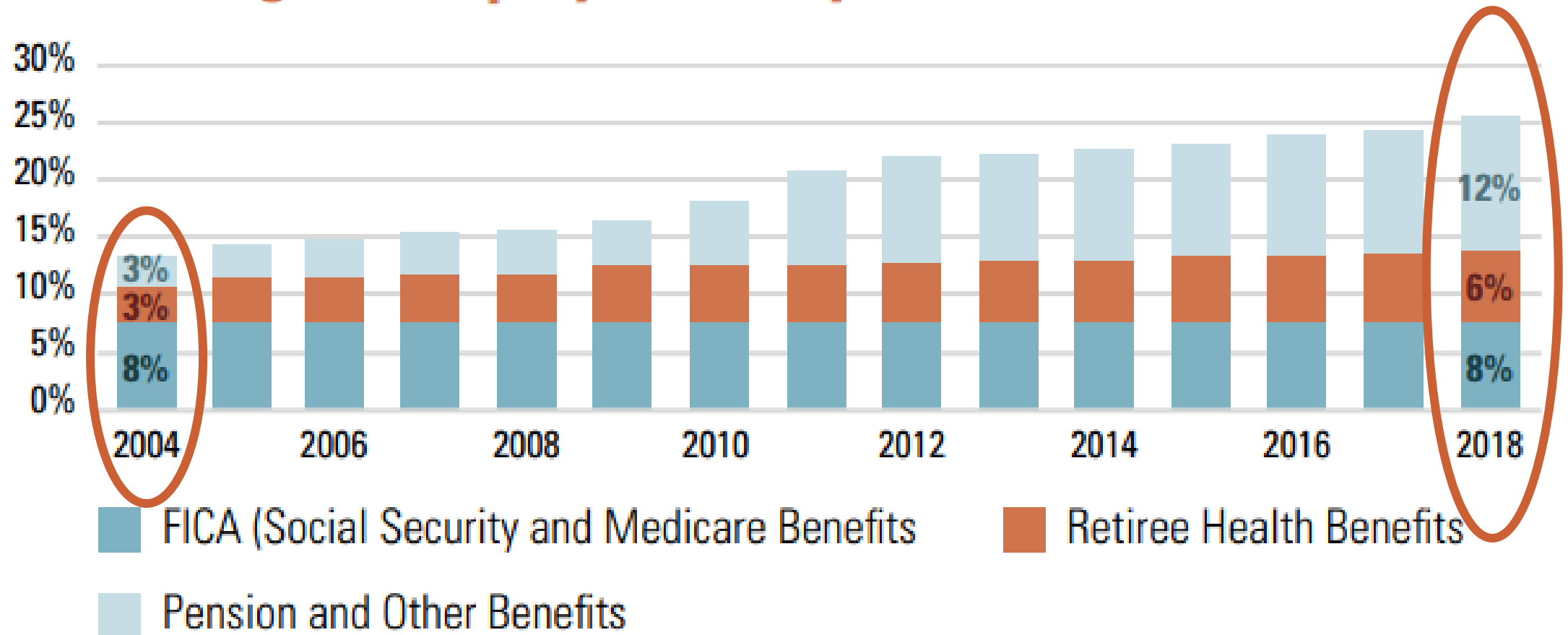
K-12 Traditional Public Schools per Pupil Expenditures, by Race/Ethnicity (2018-19)



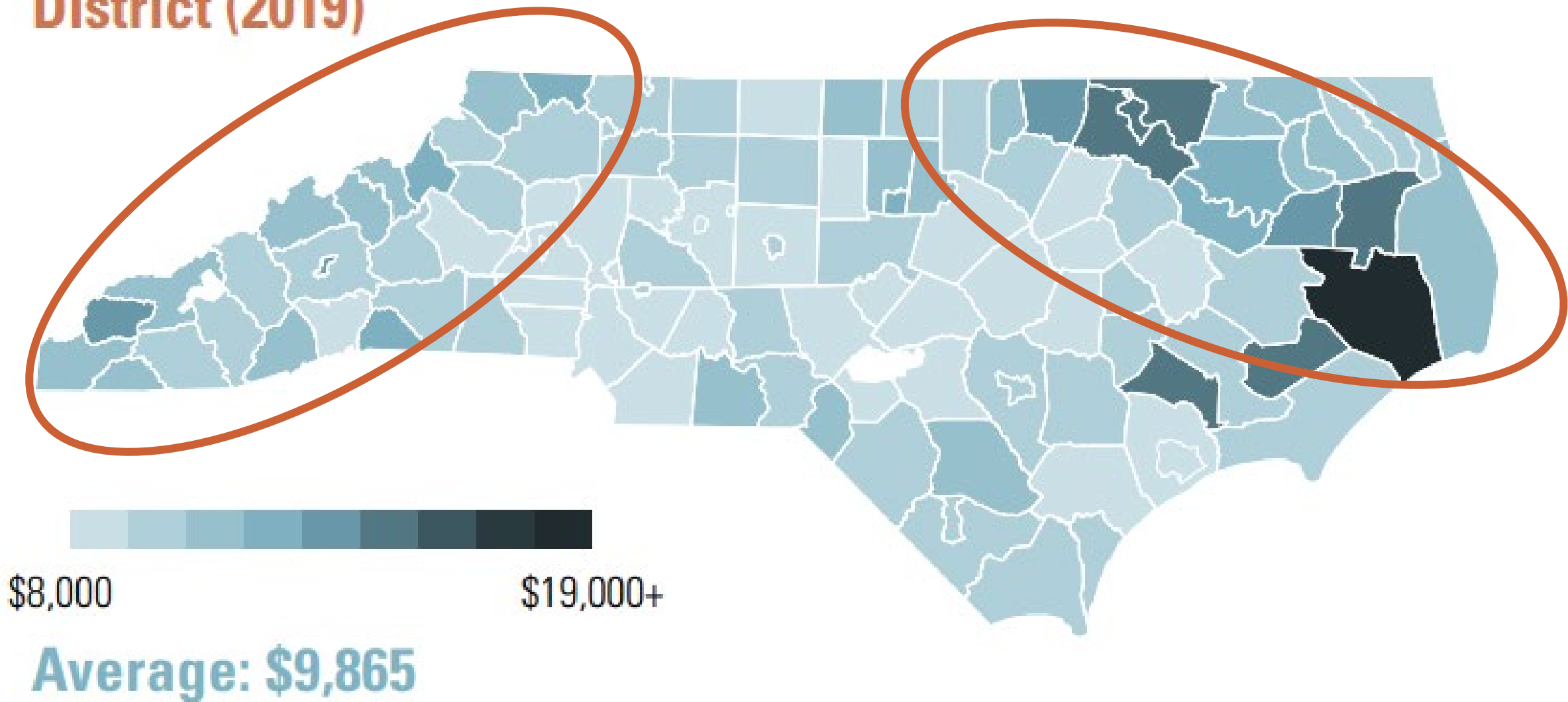
K-12 Public Education Expenditure Distribution, by Function (FY2017)



State Retirement Contributions for K-12 Traditional Public School Teachers and District Personnel, as a Percentage of Employee Salary (2004 to 2018)



Total K-12 Public Education per Pupil Expenditures, by District (2019)



Public Higher Education Funding

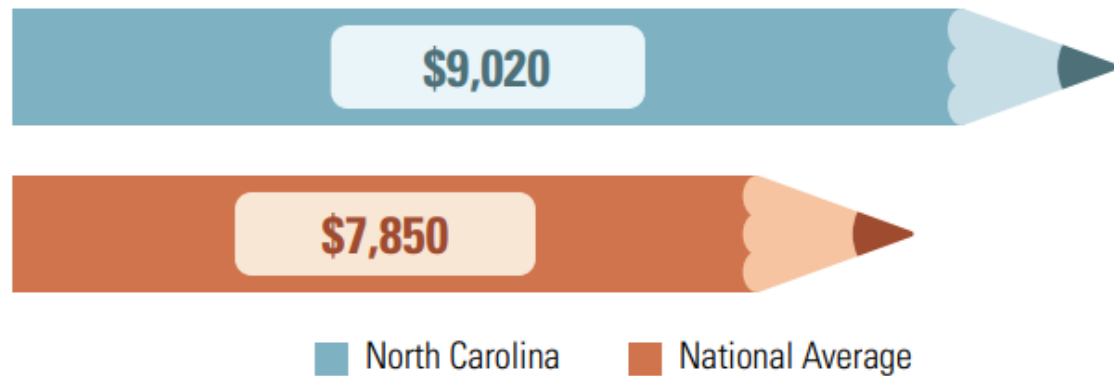


“The General Assembly shall provide that the benefits of The University of North Carolina and other public institutions of higher education, as far as practicable, be extended to the people of the State free of expense.”

– Article IX, Section 9, North Carolina Constitution

Public Higher Education Funding

State and Local Funding for Higher Education per Full-Time Student (2017-18)



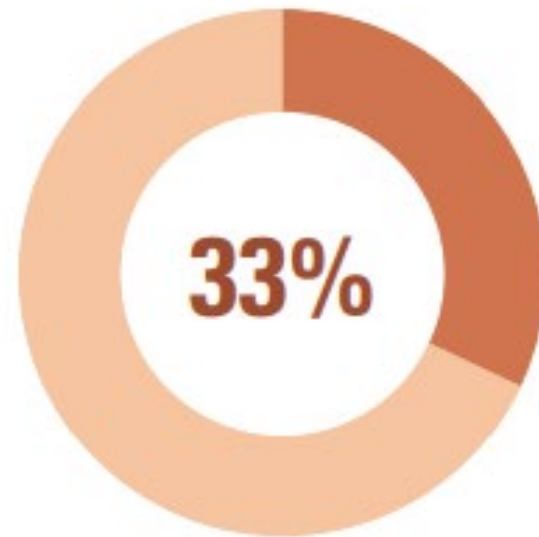
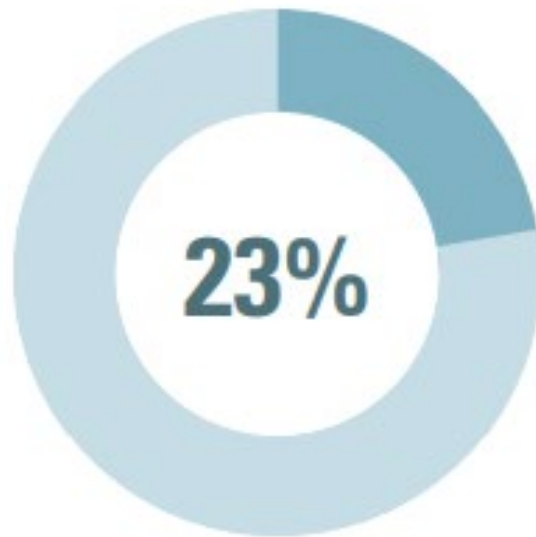
Average In-State Tuition and Fees at Public Four-Year Higher Education Institutions (2019-20)



In 2019-20, average in-state tuition at North Carolina's public four-year institutions was the 5th lowest nationally.

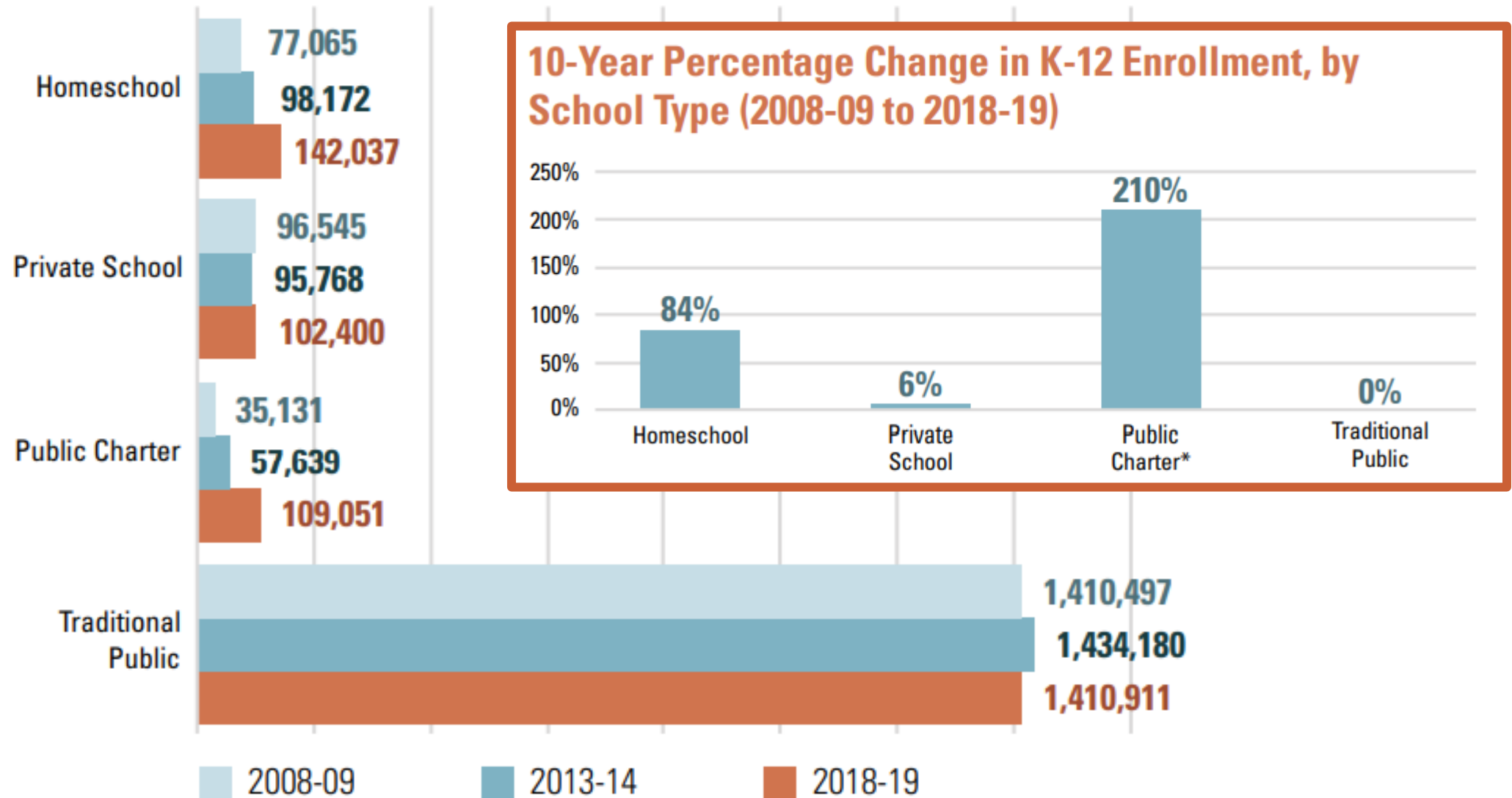
ENROLLMENT

Pre-Kindergarten Enrollment of Children Age Four (2017-18)

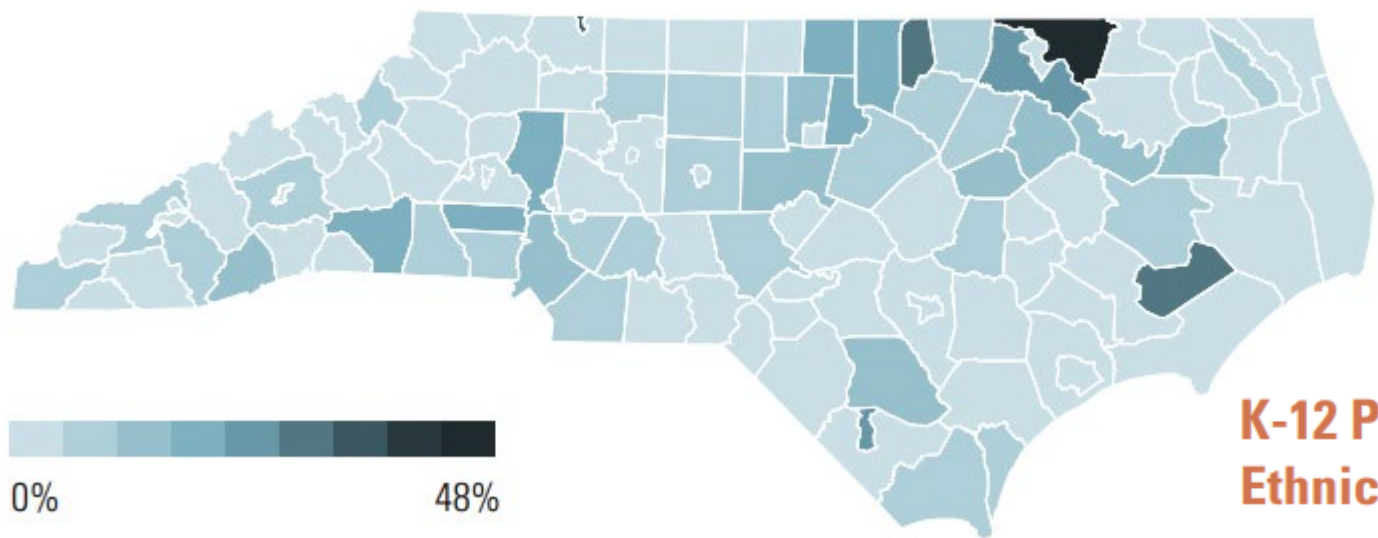


■ North Carolina
■ National

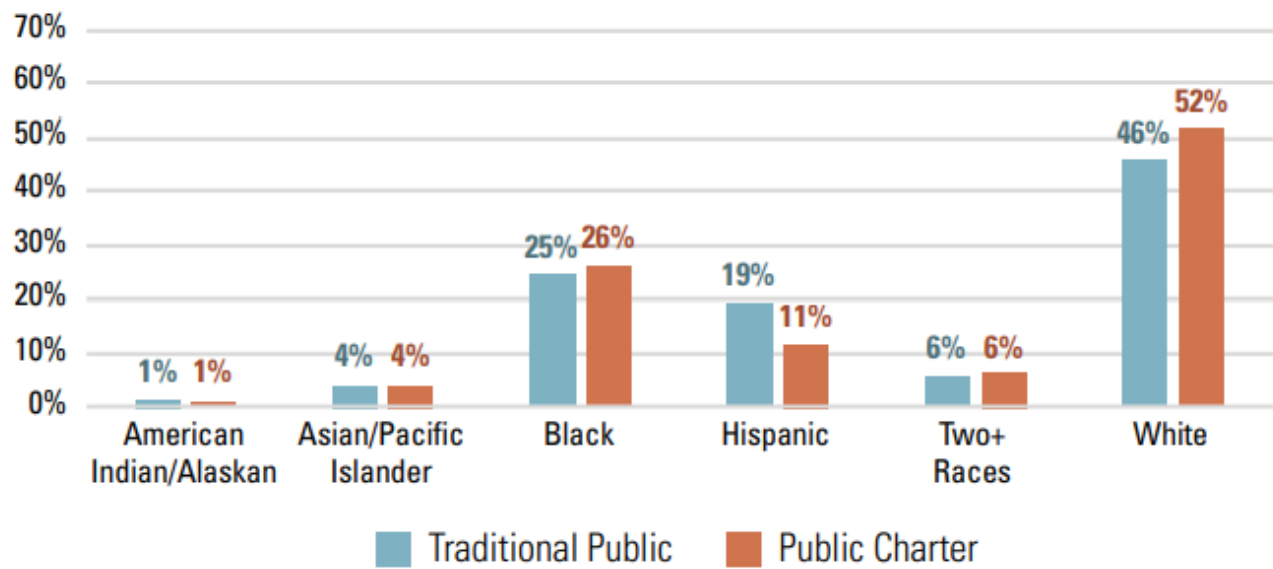
K-12 Enrollment, by School Type (2008-09 to 2018-19)



Public Charter School Enrollment as a Percentage of Total K-12 Public School Enrollment, by District (2019-20)



K-12 Public School Enrollment, by School Type and Race/Ethnicity (2019-20)



Community College Enrollment

North Carolina Community College System Full-Time Equivalent Enrollment (Fall 2018)



Fall Curriculum Enrollment

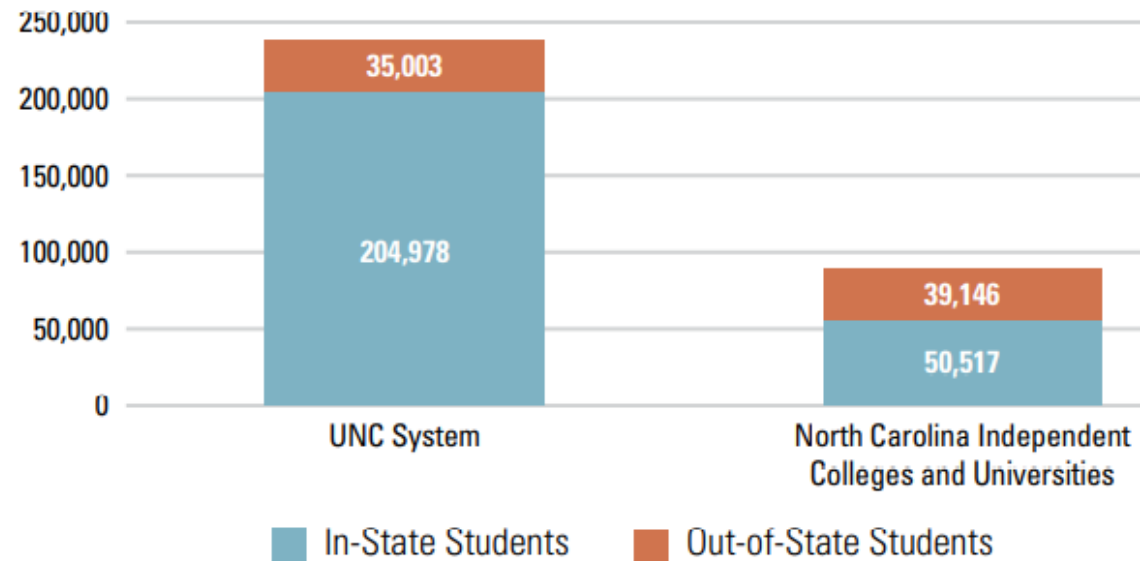
Career and Technical Education	81,100
Transfer and General Education	91,463
Special Credit	6,662
Total Curriculum Unduplicated Enrollment	179,185

Fall Continuing Education Enrollment

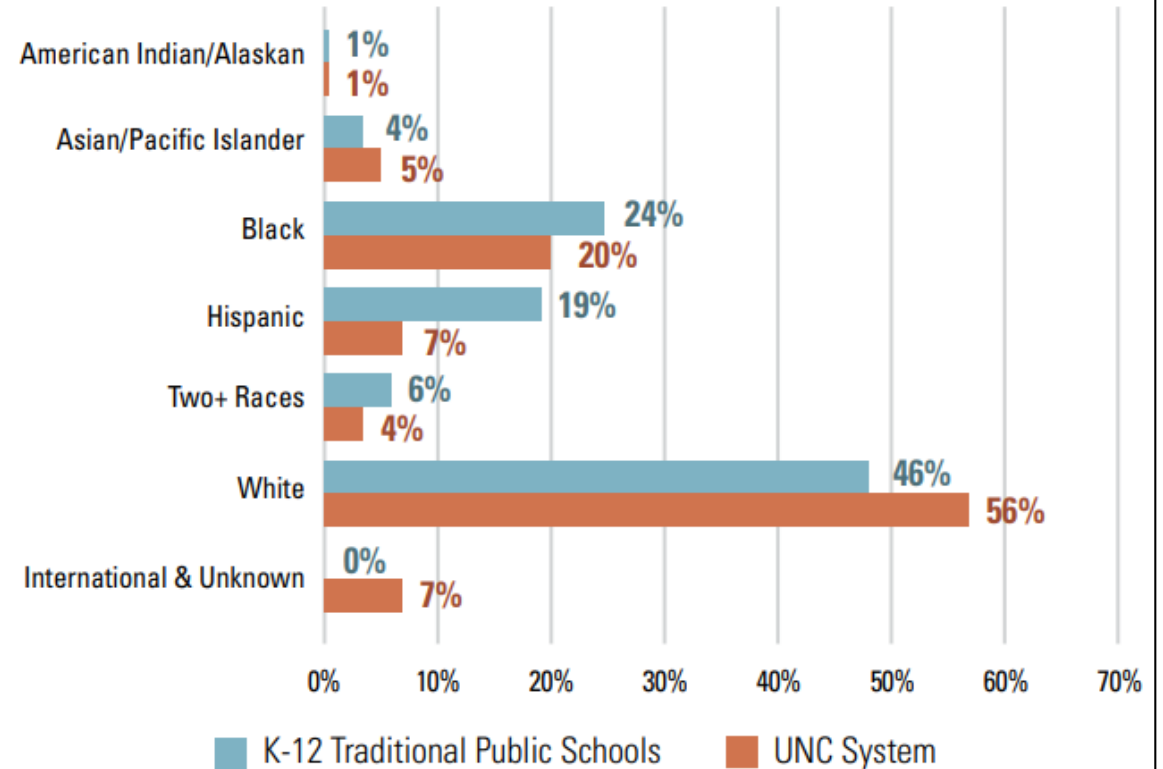
Basic Skills	14,465
All Other Continuing Education	40,312
Total Continuing Education Unduplicated Enrollment	54,777

4-Year College/University Enrollment

UNC System and North Carolina Independent Colleges and Universities Enrollment (Fall 2019)



K-12 Traditional Public School (2019-20) vs. UNC System (Fall 2019) Enrollment, by Race/Ethnicity



K-12 ACHIEVEMENT

Student Achievement

18%

Only 18% of North Carolina high school graduates met all readiness benchmarks on the ACT

~49%

Fewer than half of NC's high school students are career & college ready in math and English

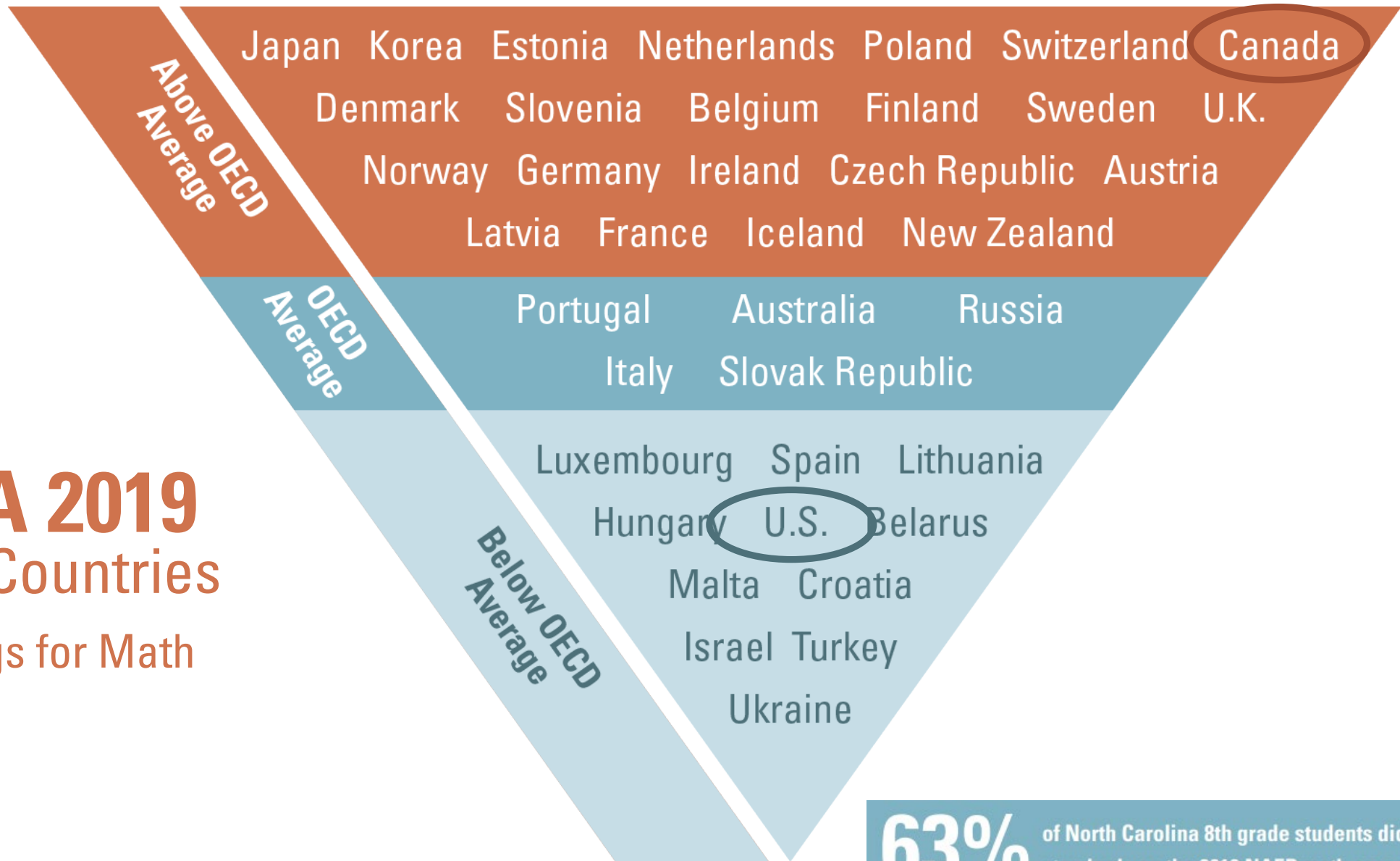
87%

Highest Graduation Rate in the History of NC!

PISA 2019

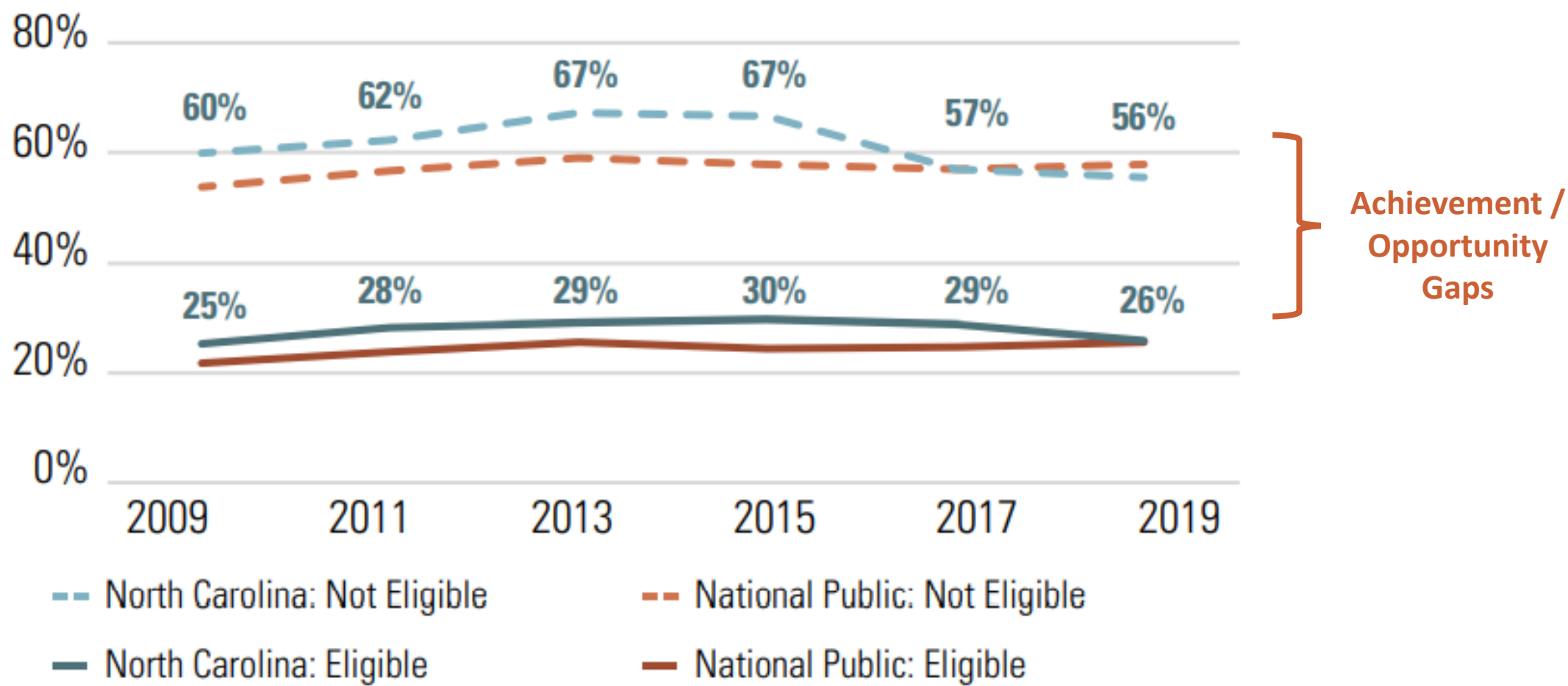
OECD Countries

Rankings for Math



63% of North Carolina 8th grade students did not meet proficiency standards on the 2019 NAEP math assessment.

NAEP 4th Grade Math Proficiency, by Free & Reduced Price Meal Eligibility (2009 to 2019)



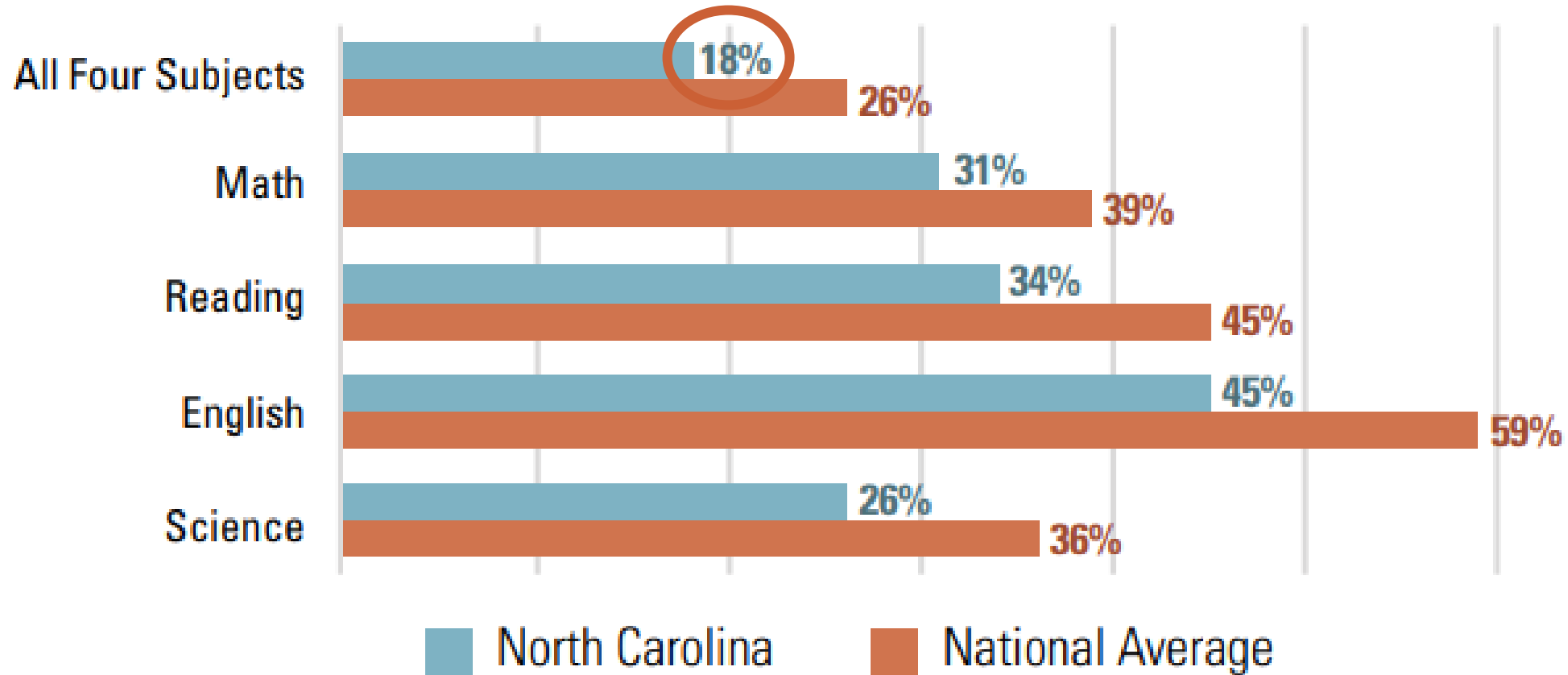
National Assessment of Educational Progress (NAEP) (2019)

Grade	Subject Area	% of Students At or Above Proficient		Highest Proficiency Rate	Urban Institute National Ranking*
		North Carolina	National Public Average		
4th	Reading	36%	34%	45% (MA)	6th
4th	Math	41%	40%	53% (MA)	7th
8th	Reading	33%	32%	45% (MA)	11th
8th	Math	37%	33%	50% (MA)	3rd

Good News!

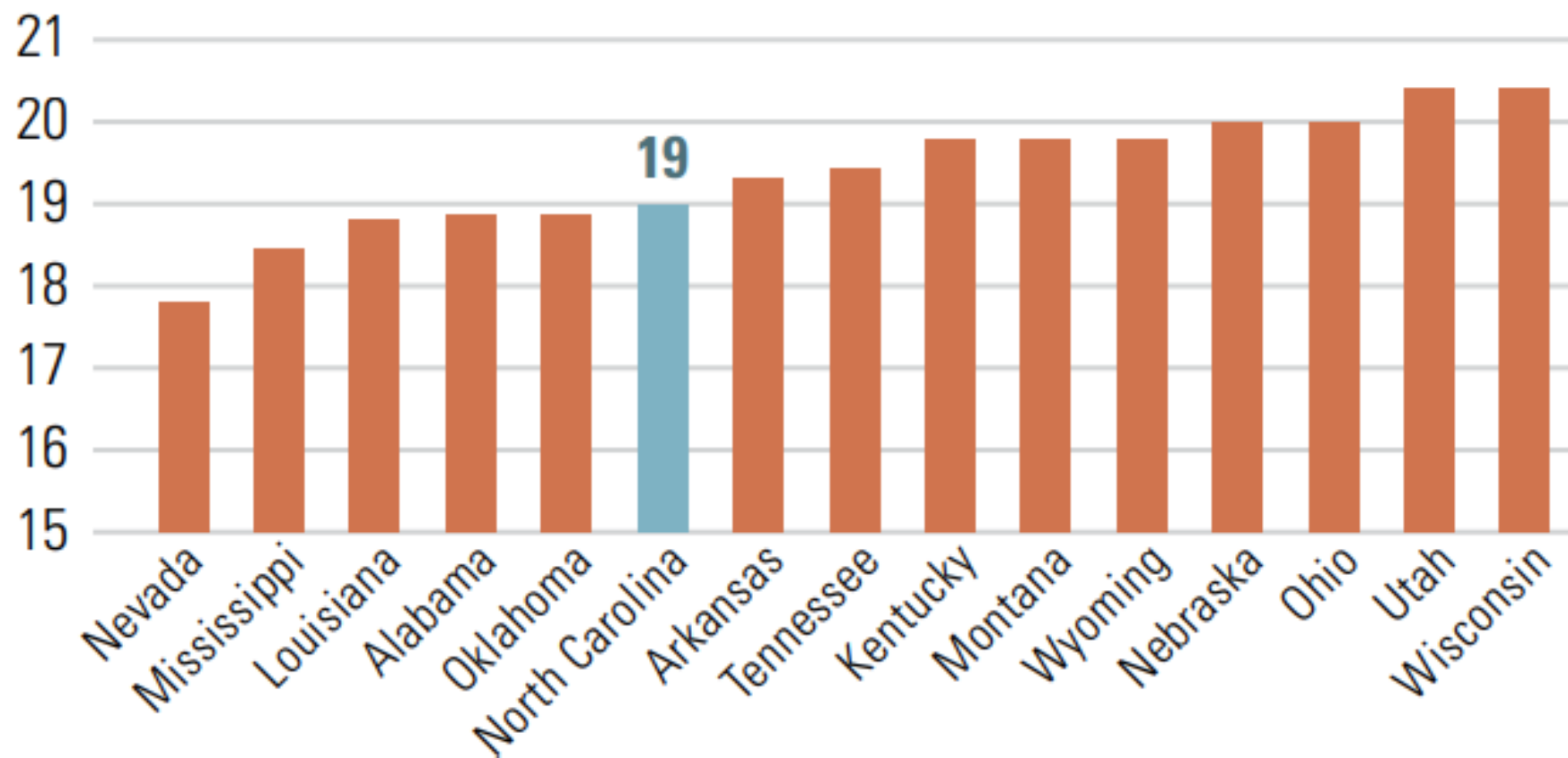
When adjusted for demographics, North Carolina ranks remarkably high on national assessments!

ACT-Tested High School Students Meeting College Readiness Benchmarks (Graduating Class of 2019)

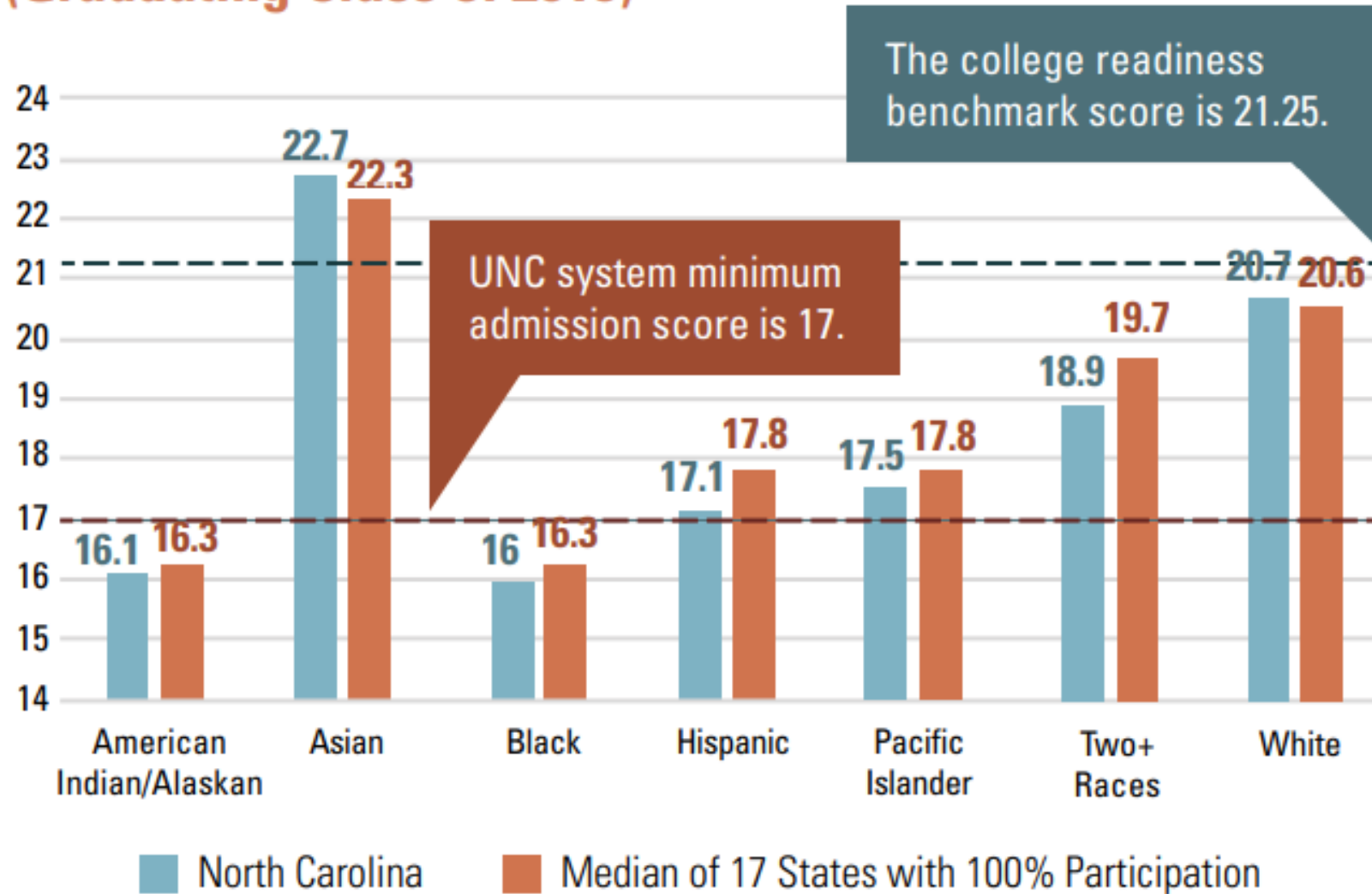




Average ACT Composite Score for States with 100% Participation (2019)



Average ACT Composite Score, by Race/Ethnicity (Graduating Class of 2019)



School-Level School Achievement Score by % Economically Disadvantaged (2018-19)



NC Public School Per Pupil Expenditure (2018-2019)



K-12 EDUCATORS

The Classroom

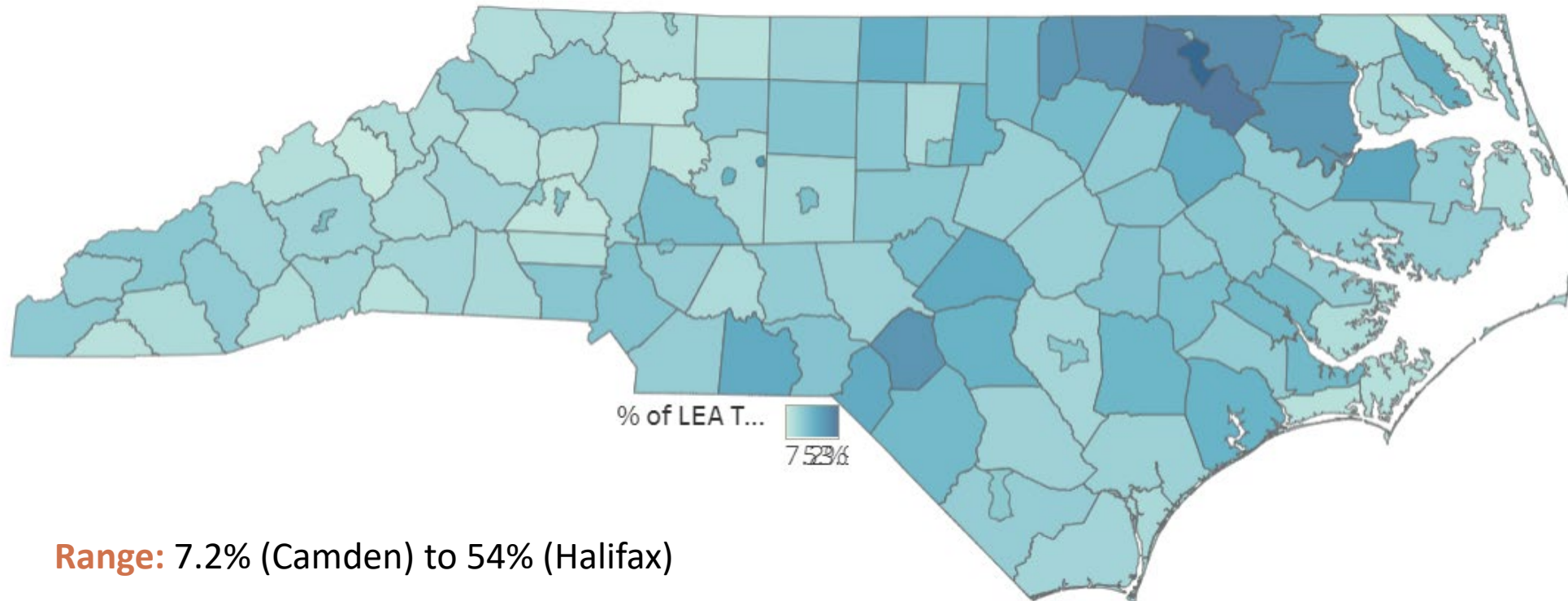


20th Century



Today

% of Teachers who are not Fully Licensed (CPL), by LEA (2018-2019)

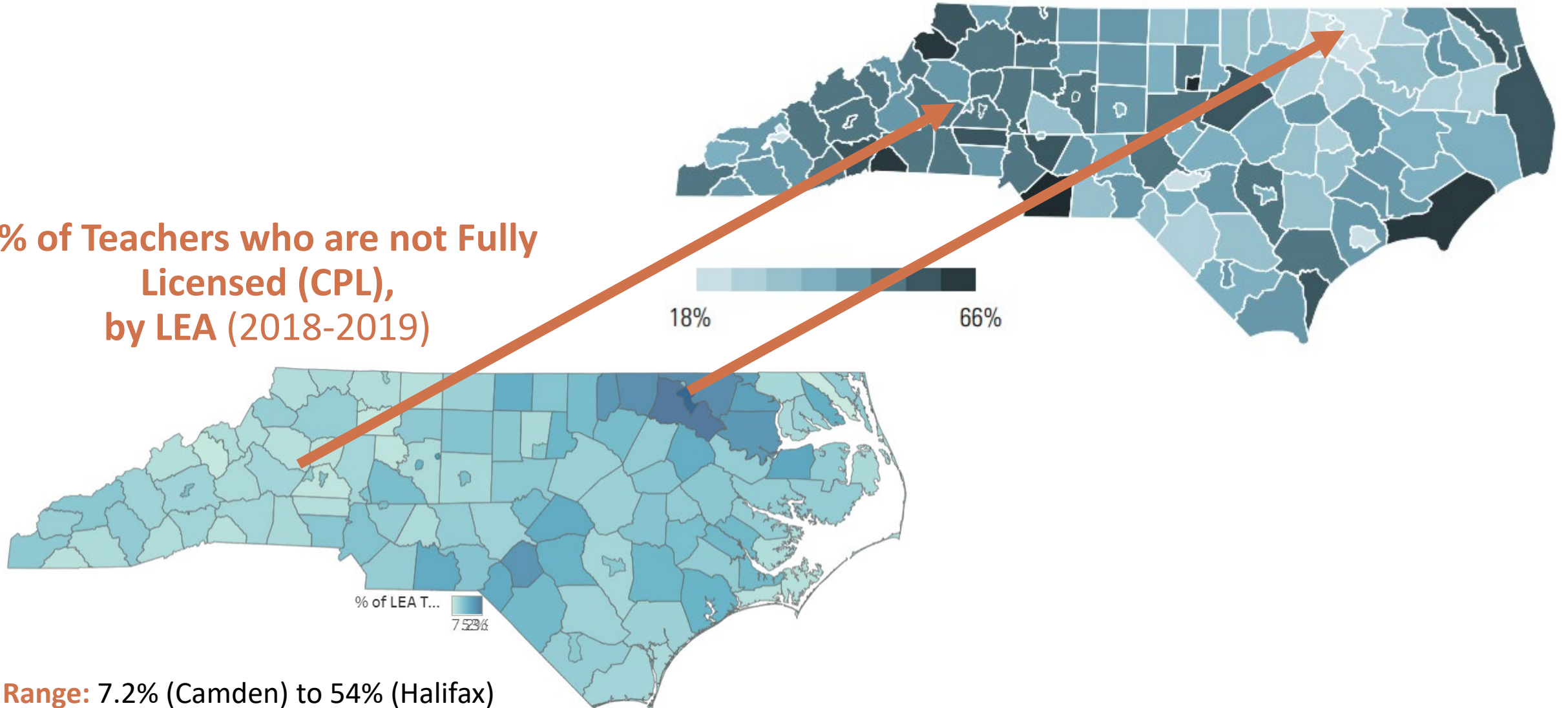


Range: 7.2% (Camden) to 54% (Halifax)

College and Career Readiness of K-12 Traditional Public School Students, by District (2018-19)

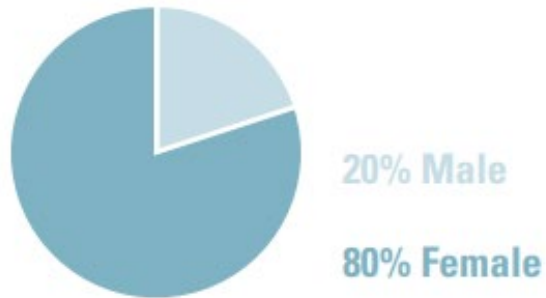


% of Teachers who are not Fully Licensed (CPL), by LEA (2018-2019)

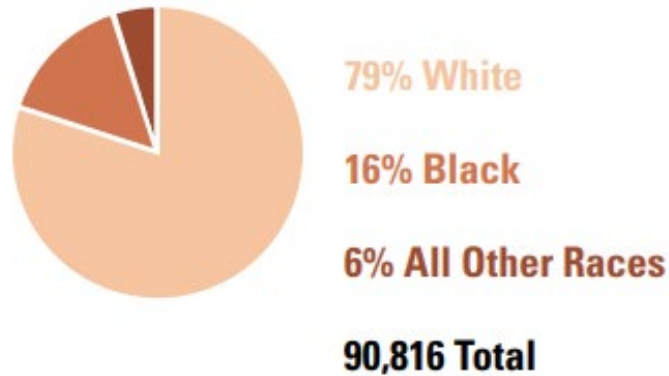


Educators in North Carolina

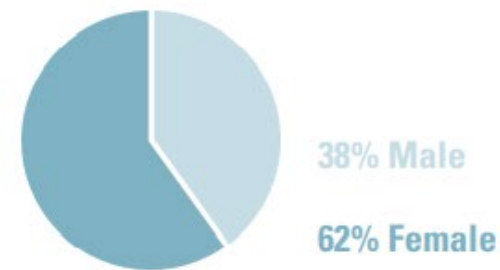
K-12 Public School Teachers, by Gender and Race/ Ethnicity (2018-19)



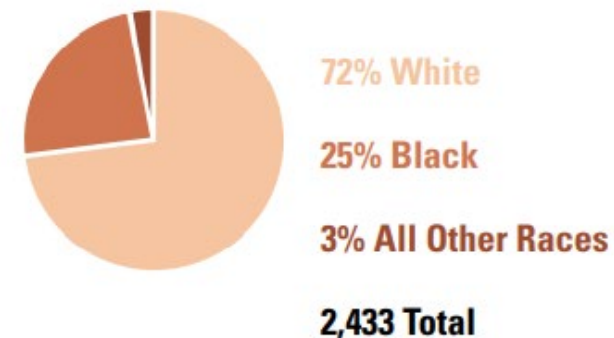
Source: NC DPI Statistical Profile



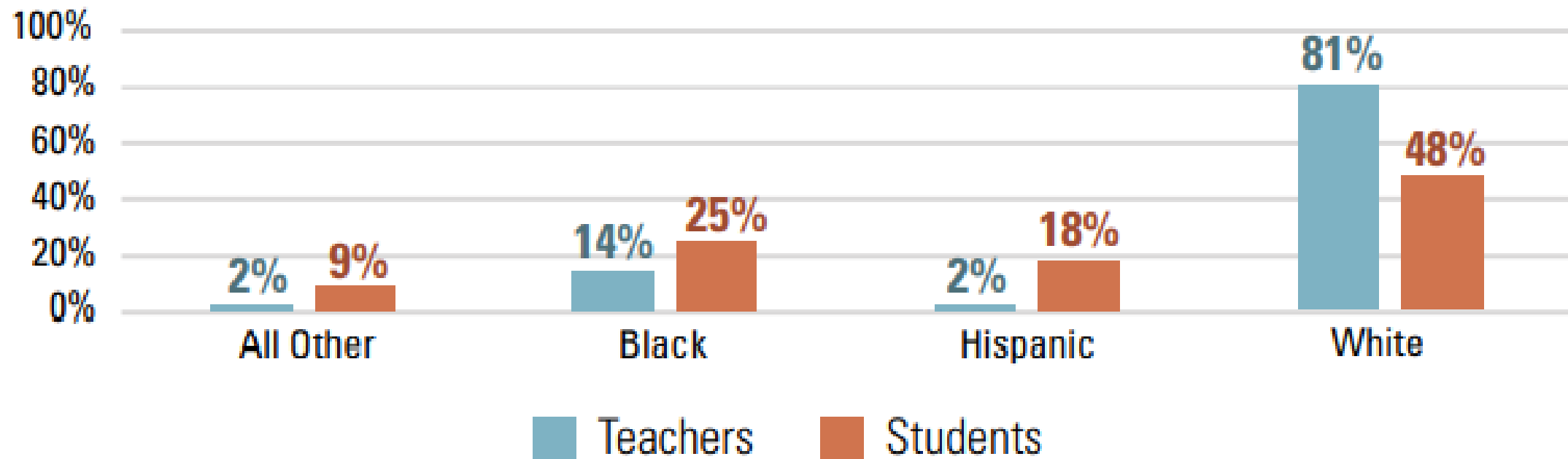
K-12 Public School Principals, by Gender and Race/ Ethnicity (2018-19)



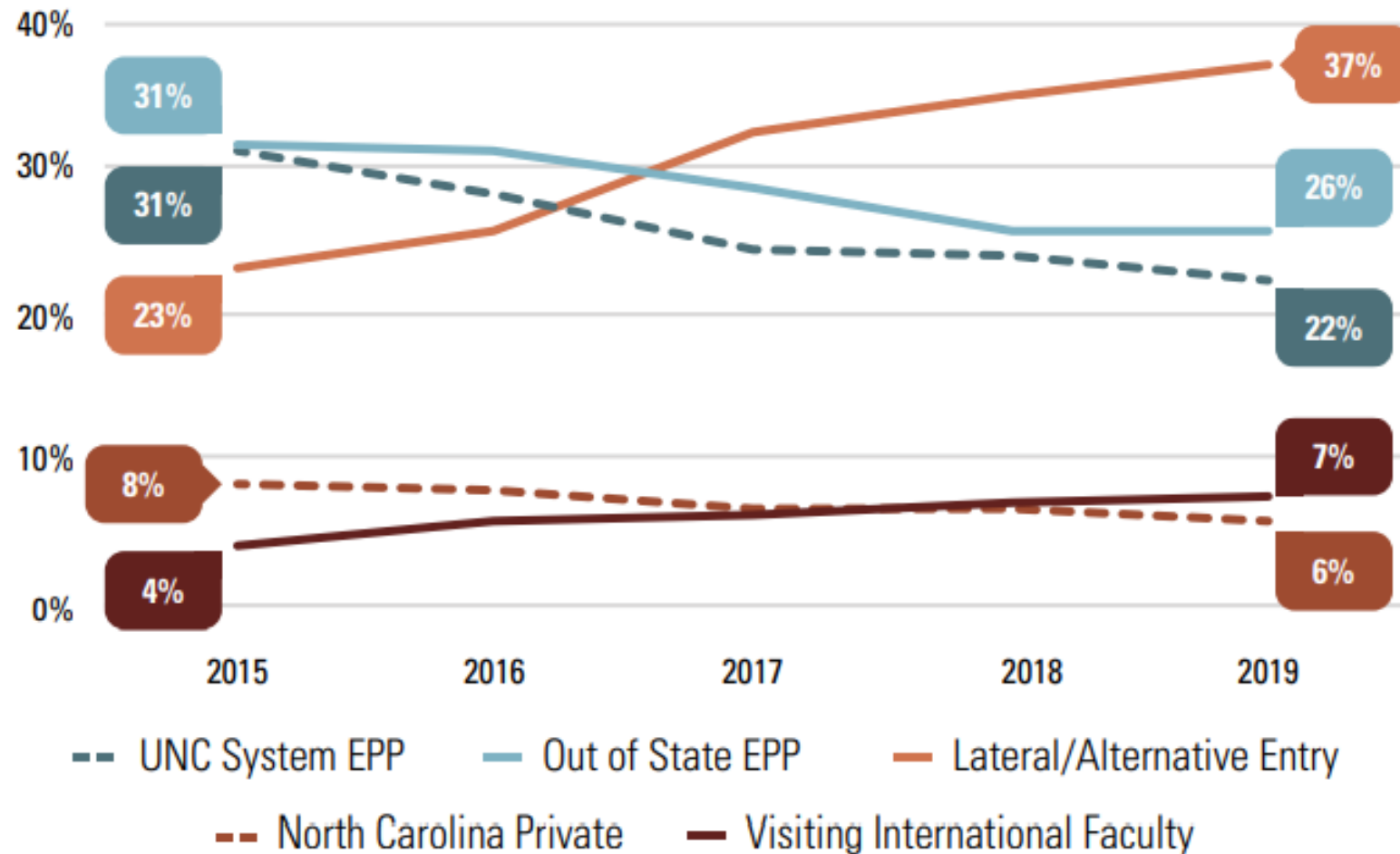
Source: NC DPI Statistical Profile



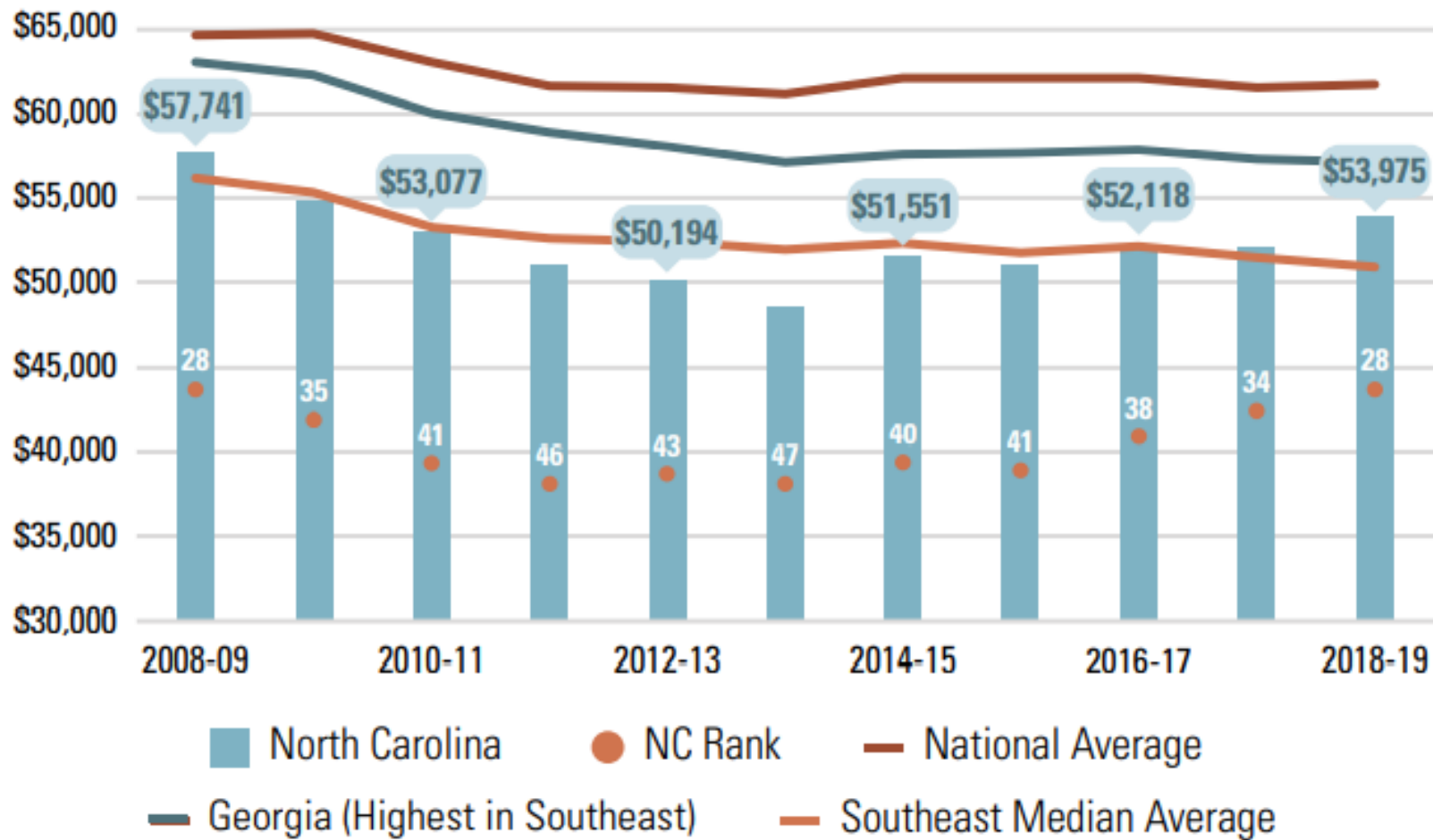
K-12 Public School Teachers and Students, by Race/Ethnicity (2018-19)



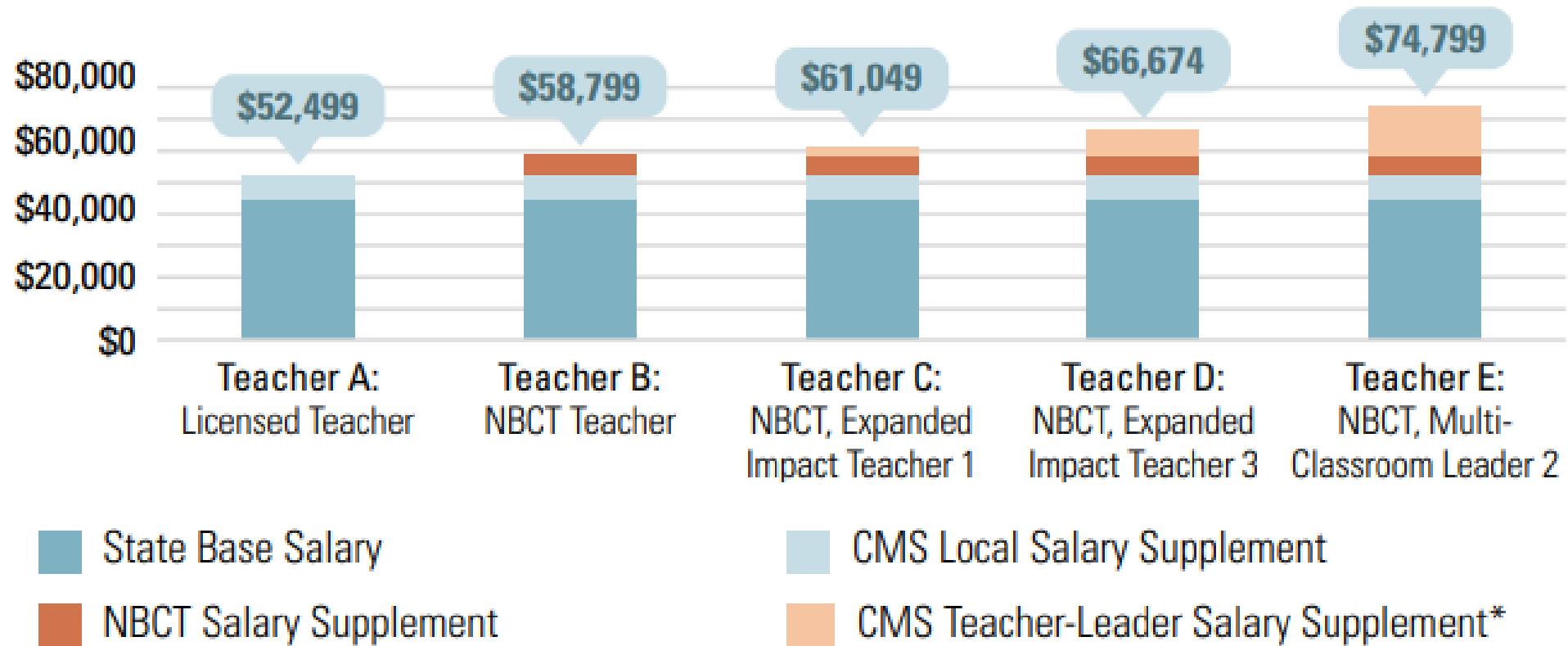
Distribution of Preparation Routes for Newly Hired K-12 Public School Teachers (2015 to 2019)



Average K-12 Teacher Salaries, Inflation Adjusted to 2019 Dollars (2009 to 2019)

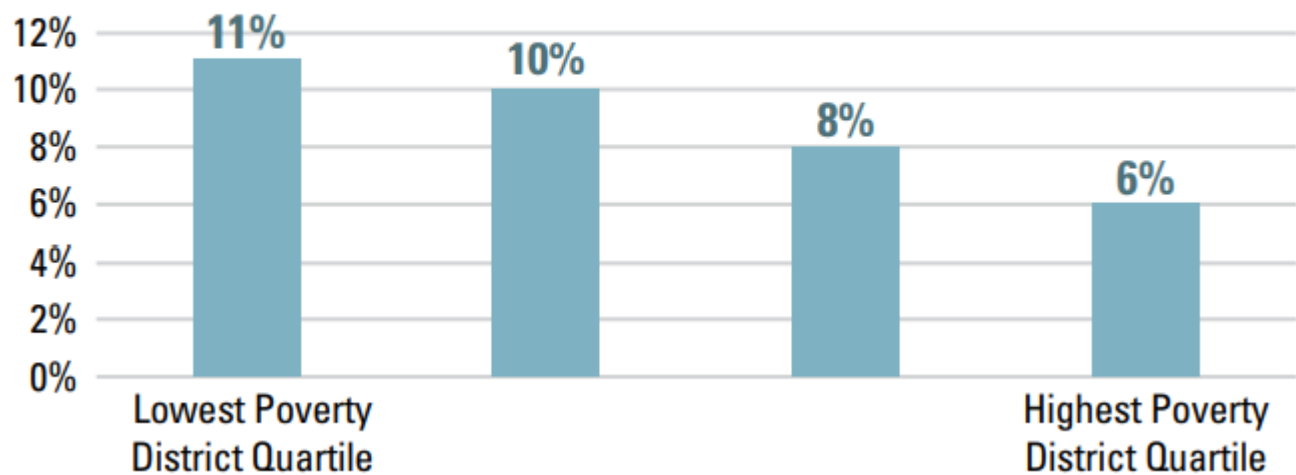


Base vs Expanded Compensation



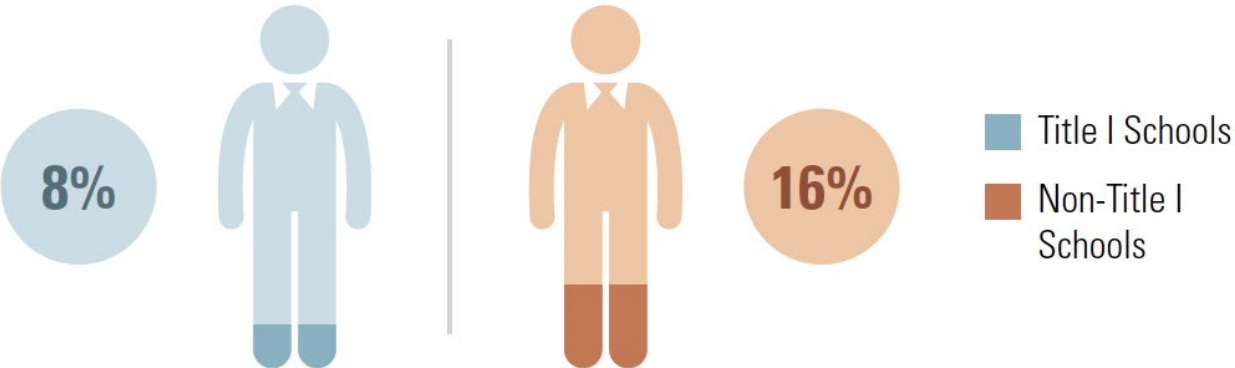
**Supplements paid along a range. Visit CMS' Teacher-Leadership website for more information.*

Traditional Public School National-Board Certified
Teachers, by District Poverty Quartile* (2018-19)



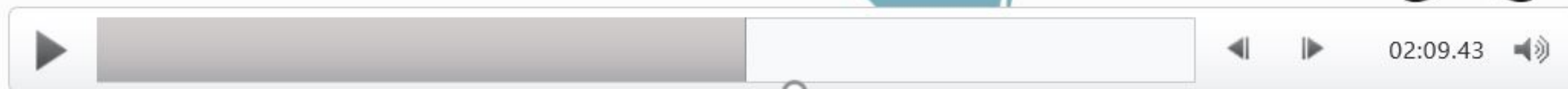
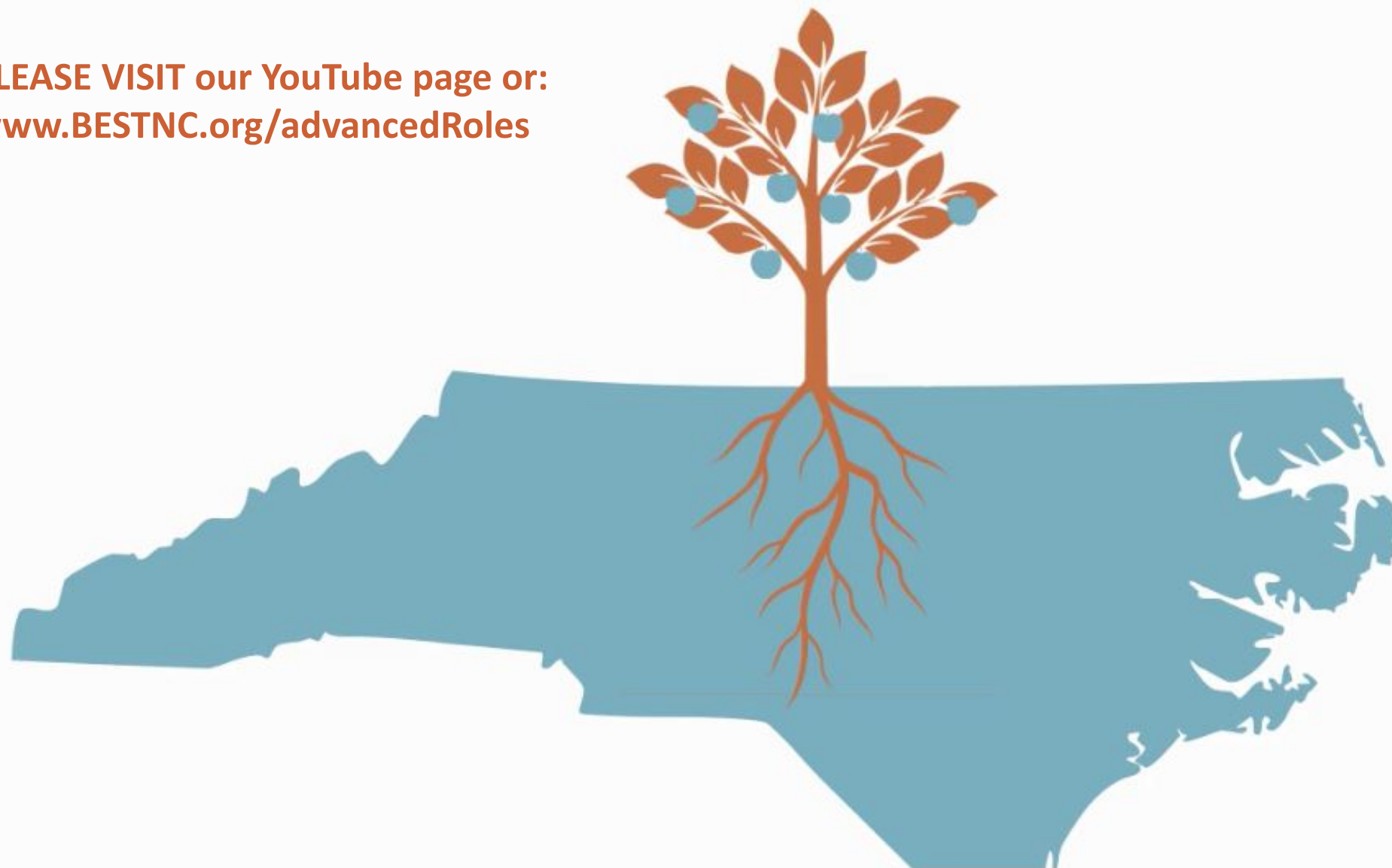
TEACHER
SORTING!

Percentage of Teachers Rated “Highly Effective,”
by Title-I School Status (2015-16)



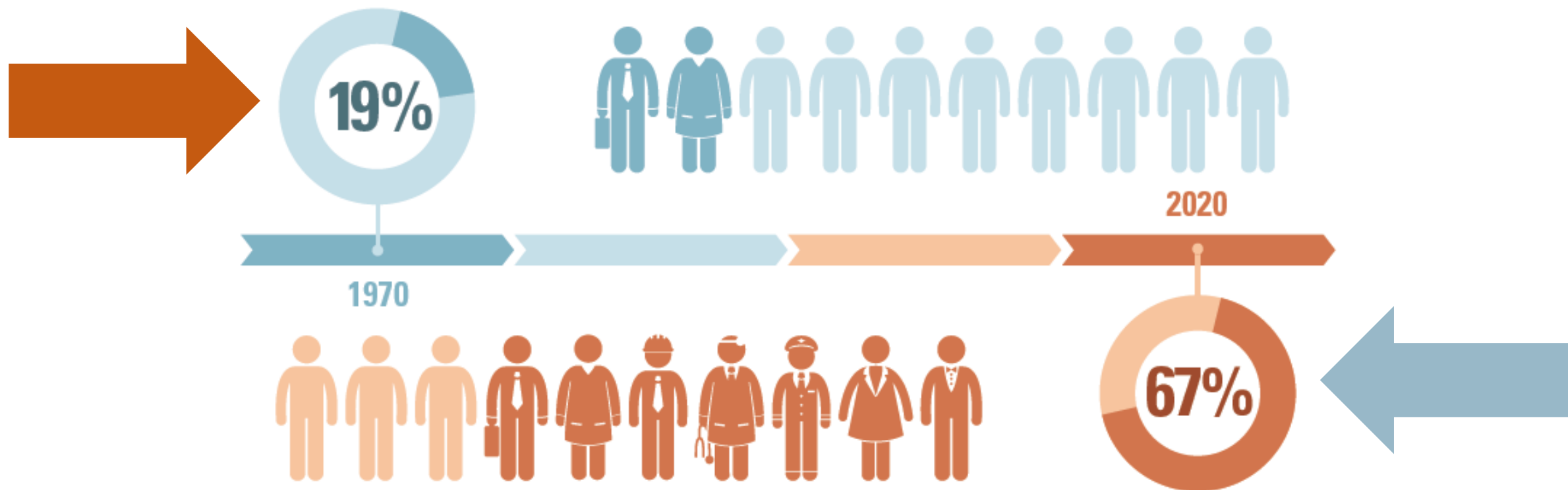
The Educator Experience

PLEASE VISIT our YouTube page or:
www.BESTNC.org/advancedRoles



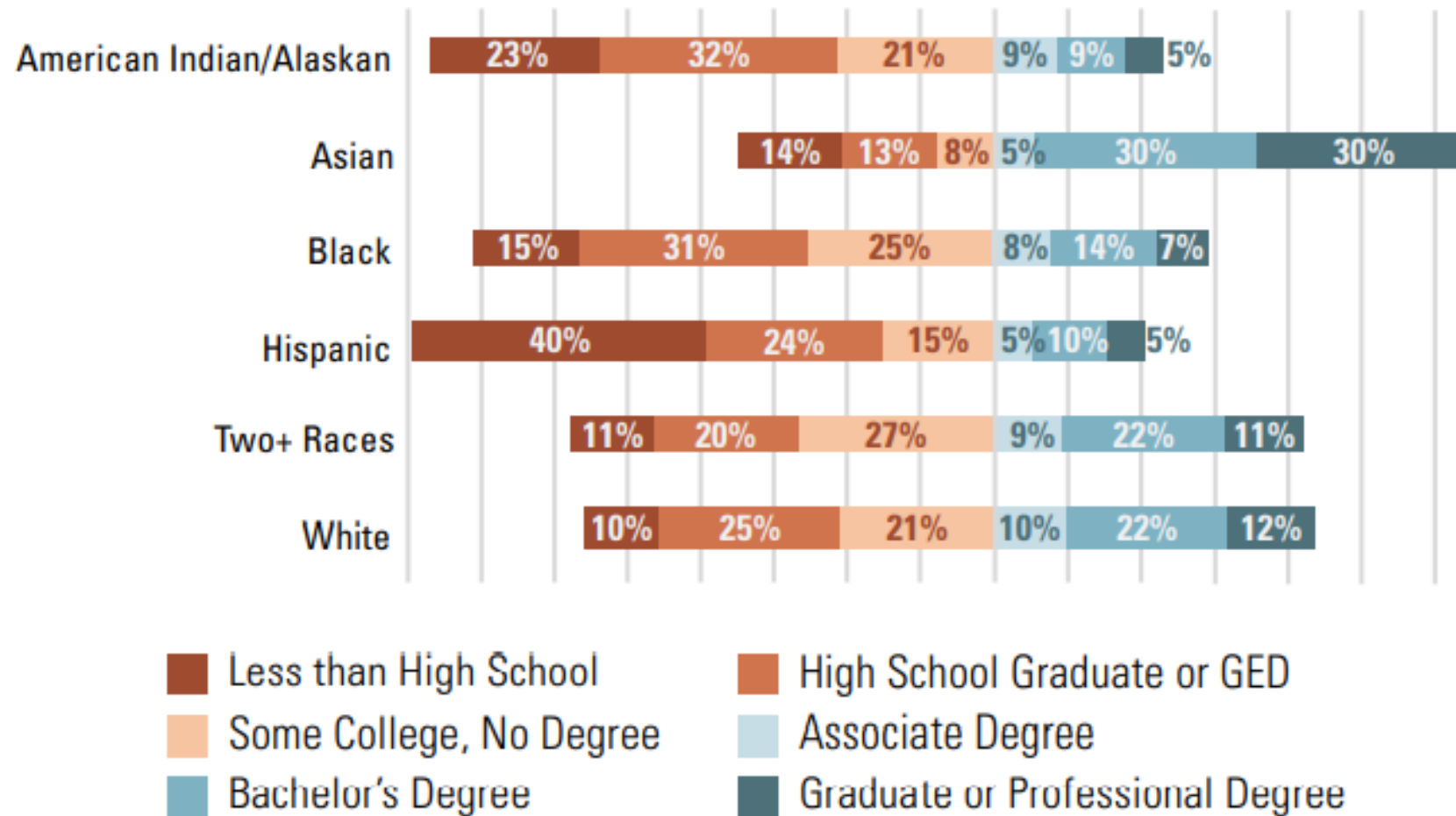
ATTAINMENT

In 1970, just 19% of North Carolina adults ages 25-64 had any postsecondary education.



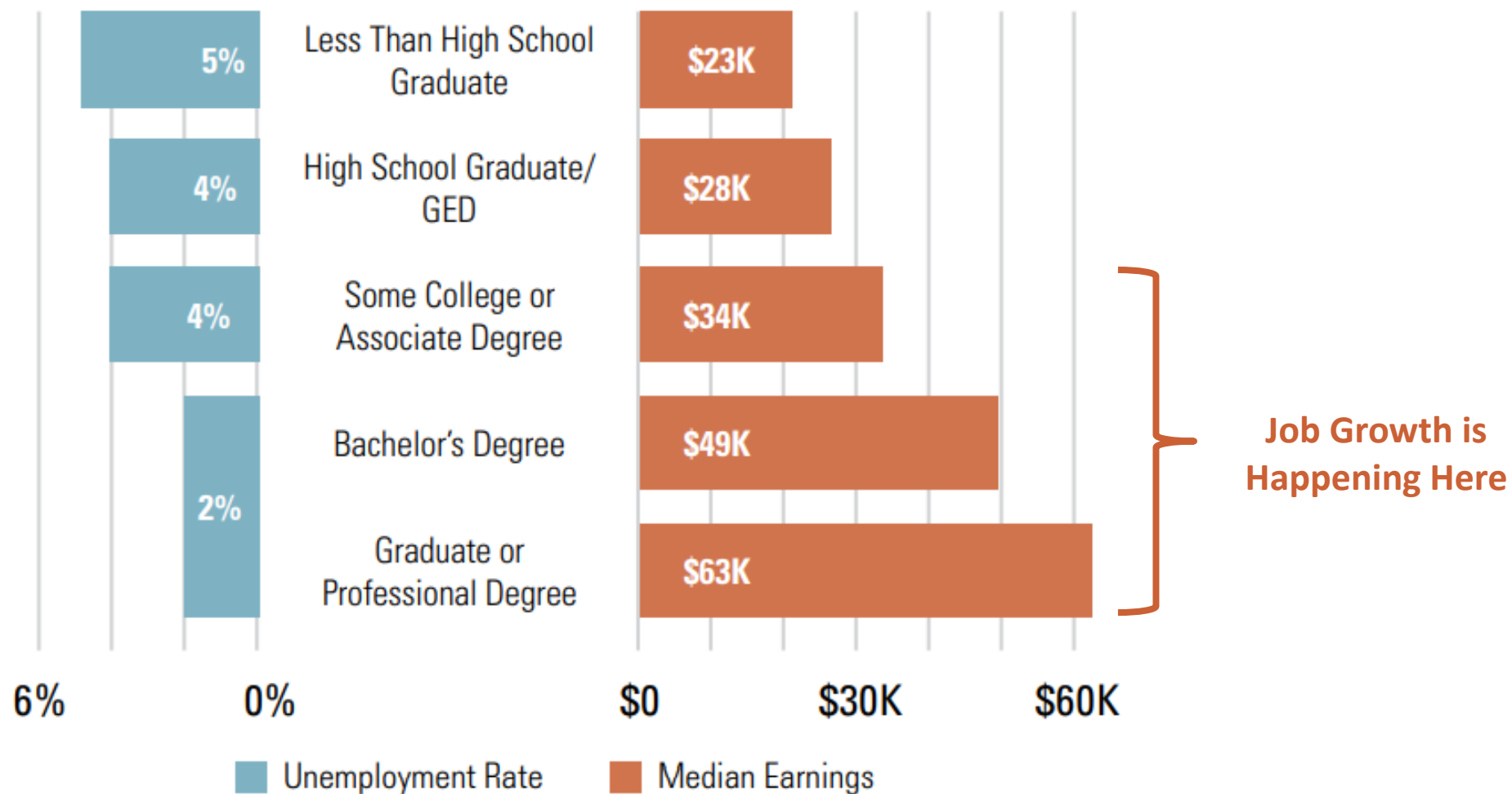
It is estimated that today that figure is around 67%.

Educational Attainment of Adults Ages 25 and Older, by Race/Ethnicity (2018)





Unemployment Rate and Median Earnings of Adults Ages 25 and Older, by Educational Attainment (2018)



KEY INITIATIVES in NC

Leandro Case (1994 to Date)



“The General Assembly shall provide by taxation and otherwise for a general and uniform system of free public schools, which shall be maintained at least nine months in every year, and wherein equal opportunities shall be provided for all students.”

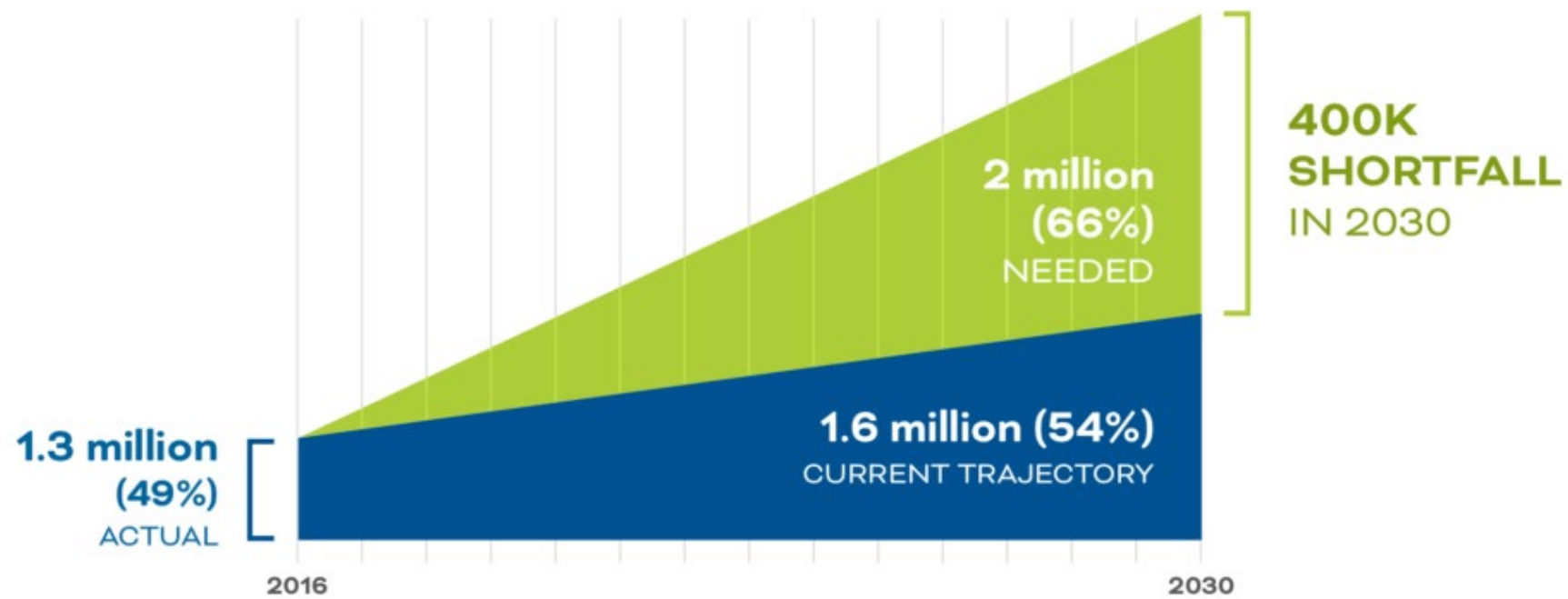
– Article IX, Section 2, North Carolina Constitution

2002 Leandro Ruling

- ✓ A competent, well-trained teacher in every classroom;
- ✓ A competent, well-trained principal in every school; and
- ✓ Resources necessary to support an instructional program that meets the education needs of all children (including those who are “at-risk”).

NC DEGREES/CREDENTIALS - INDIVIDUALS AGE 25-44

TODAY'S TRAJECTORY VS. 2030 NEEDS



Other Initiatives

- ✓ NC Early Childhood Action Plan
- ✓ Pathways to Grade Level Reading
- ✓ Read to Achieve
- ✓ DRIVE & NC STRIDE – Teacher Recruitment Efforts

Education Innovation Requires...

- ✓ Priority for Exceptional School Leadership
- ✓ Pipeline and Experience of Educator Talent
- ✓ Equitable Access to Effective Educators
- ✓ Funding Equity & School Level Autonomy
- ✓ High Expectations & Equitable Coursework Access
- ✓ Closing the Enthusiasm Gap for Students
- ✓ Competency Based Learning

What can you do to engage?

- ✓ Think about every student – equity and access matter!
- ✓ Invite a student and a teacher into your workplace
- ✓ Engage with educators and school leaders in two-way dialogue
- ✓ Help our state think differently about the educator profession
- ✓ Engage with BEST NC to convene, inform and advocate
- ✓ **Be Careful!** Education is complicated. Just because something works in one place with one group of leaders and students, doesn't mean it is a magic solution that can work everywhere.