



**Examining The Equity of Outcomes in Virginia Schools
“How Are Our Black and Latino Students Doing?”**



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The Commonwealth Institute for Fiscal Analysis

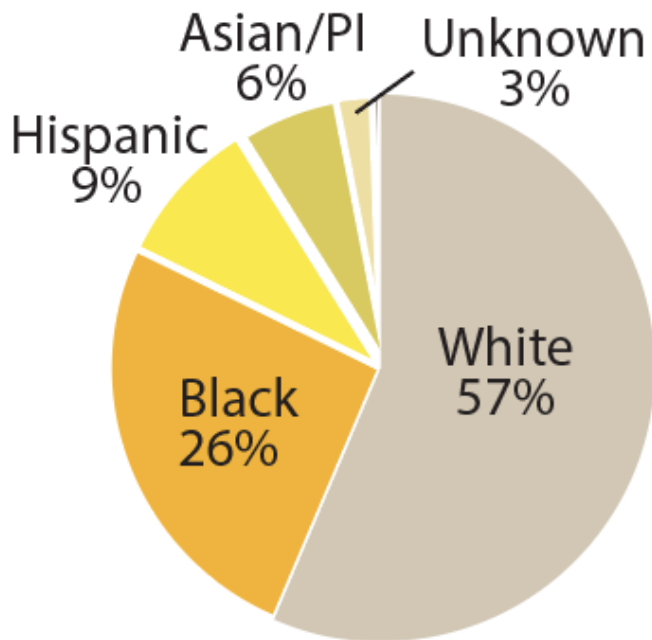
Examining the Equity of Outcomes

- **Student and Instructor Demographics**
- Resources and Coursework
- Outcomes
- Making Progress

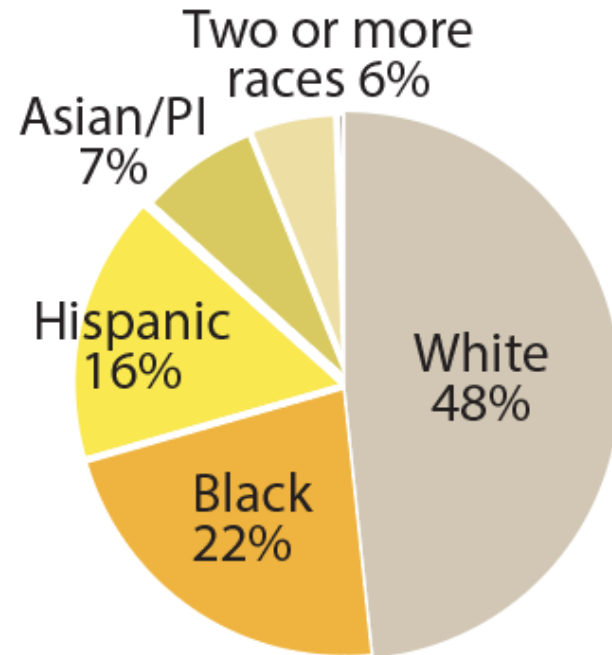


Changing Racial Demographics

Fall Membership 2008



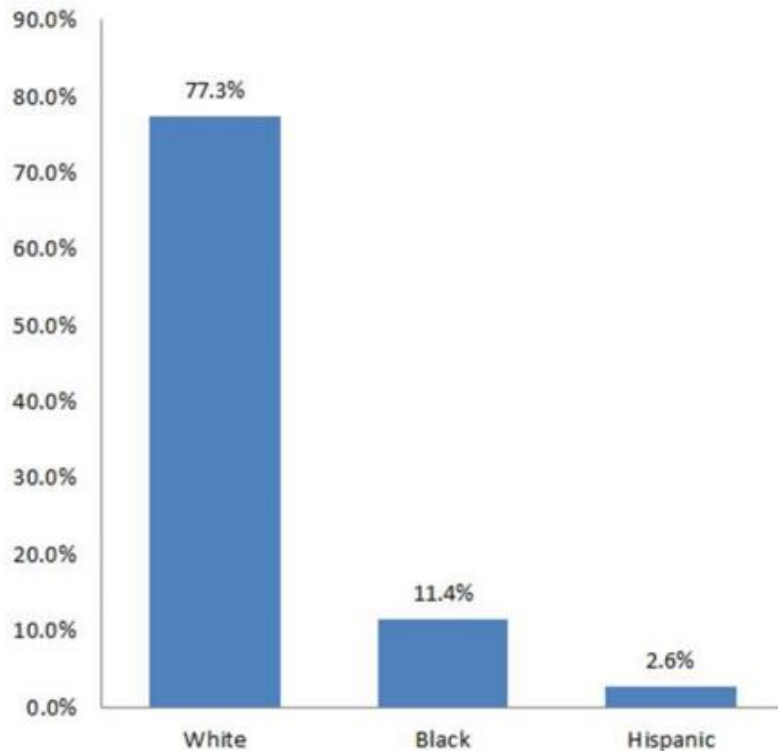
Fall Membership 2018



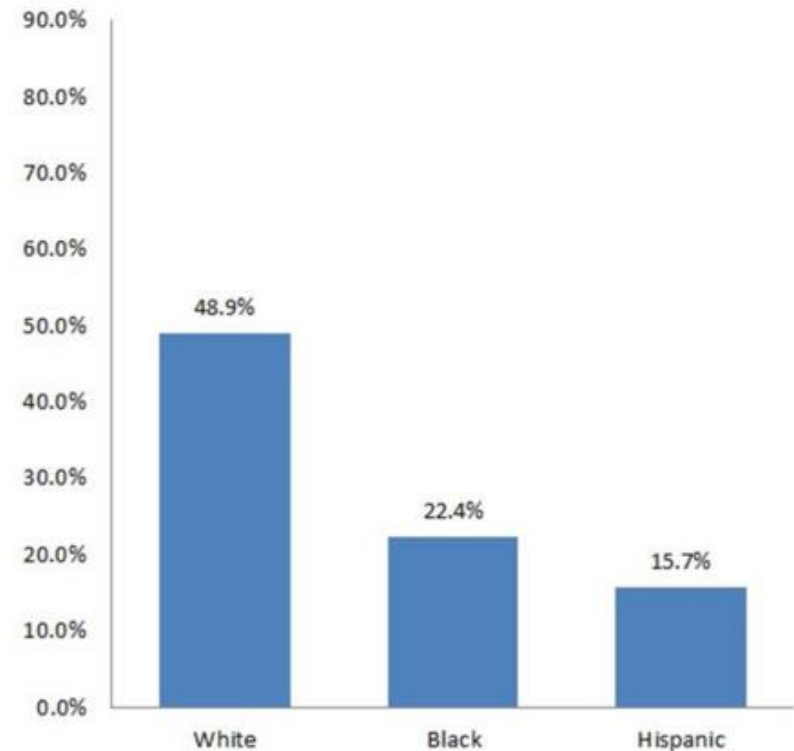
Source: Virginia Department of Education, Fall Membership Report 2008,2018.

Instructors Don't Reflect Racial Demographics of Students

**Licensed Instructional Personnel
by Race/Ethnicity, 2017-2018**



**Student Enrollment by
Race/Ethnicity, 2017-2018**



Source: VDOE Staff Analysis

<http://www.doe.virginia.gov/boe/reports/index.shtml>

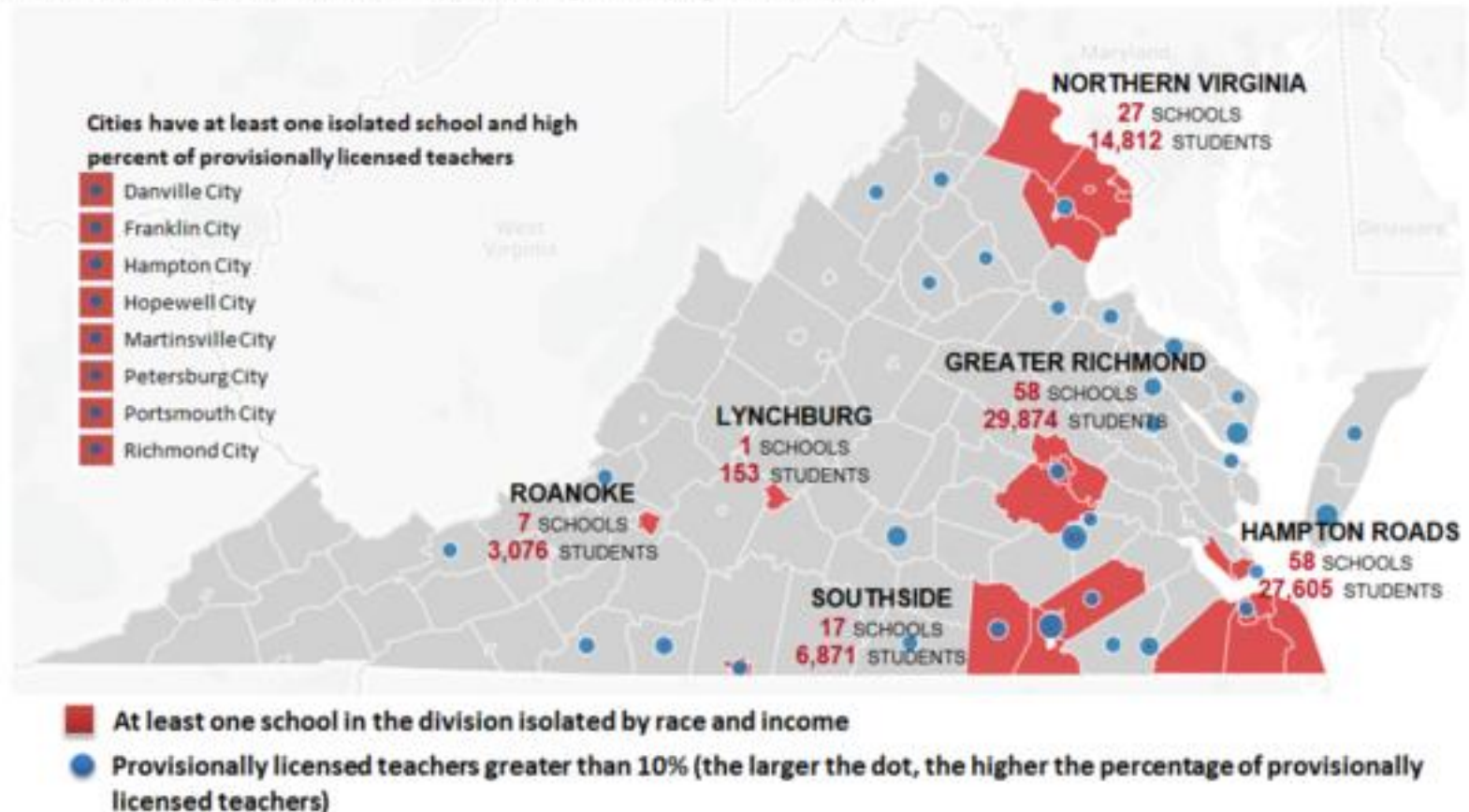
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Overlap of Segregation and Provisionally Licensed Teachers

Chart II: Virginia Schools Isolated by Poverty and Race

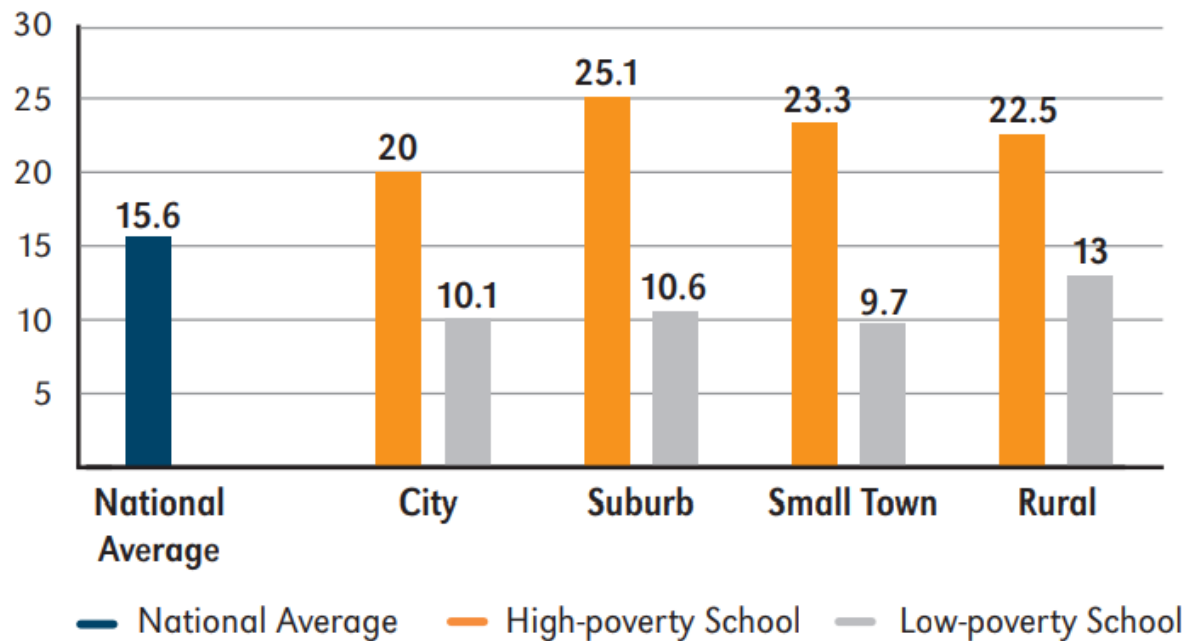


Source: VDOE Staff Analysis (Full analysis available in Appendix C)

Nationally, Similar Challenge for High-Poverty Schools

CHART 5: High-poverty high schools are most likely to have classes taught by teachers out of their field.

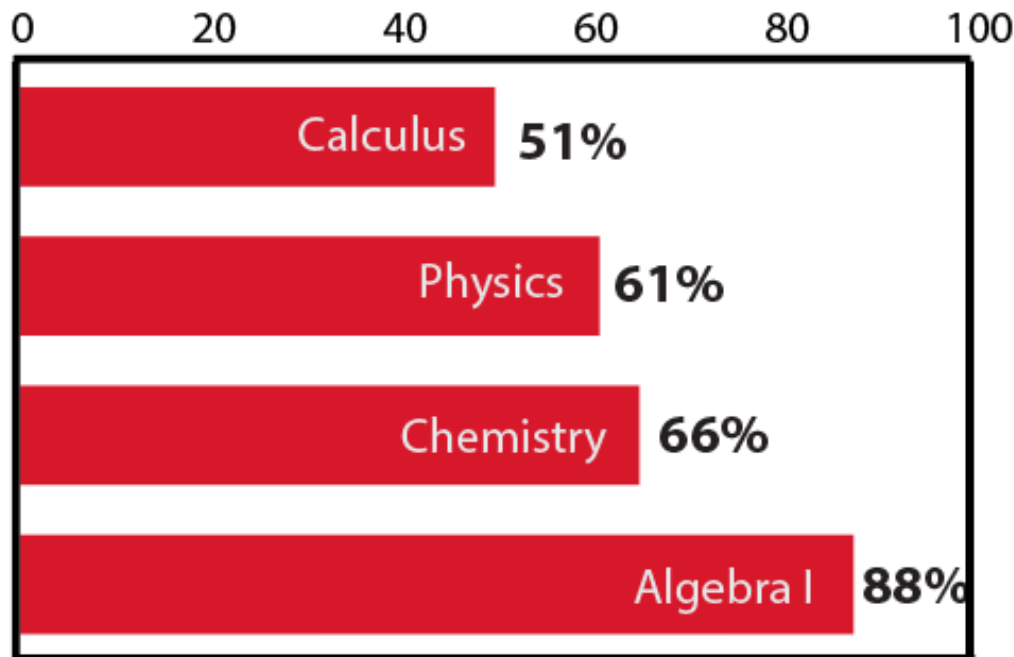
Percentage of Classes Taught by Teachers Lacking Certification or Major in Subject



Access to Math, Science Classes

High Schools Where at Least Half of Students Identify as Black, Hispanic, Asian, or Other Non-white Racial Category

Likelihood the high school offers...

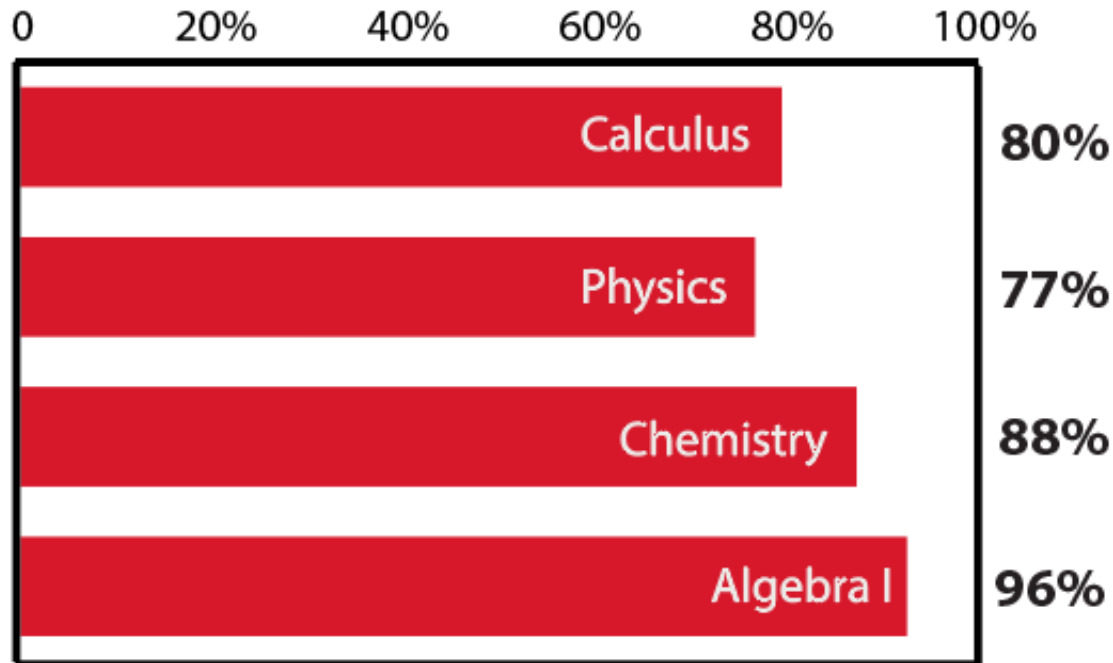


Source: US Civil Rights Data Collection, 2015-2016

Access to Math, Science Classes

High Schools Where at Least Half of Students Identify as White

Likelihood the high school offers...



Source: US Civil Rights Data Collection, 2015-2016

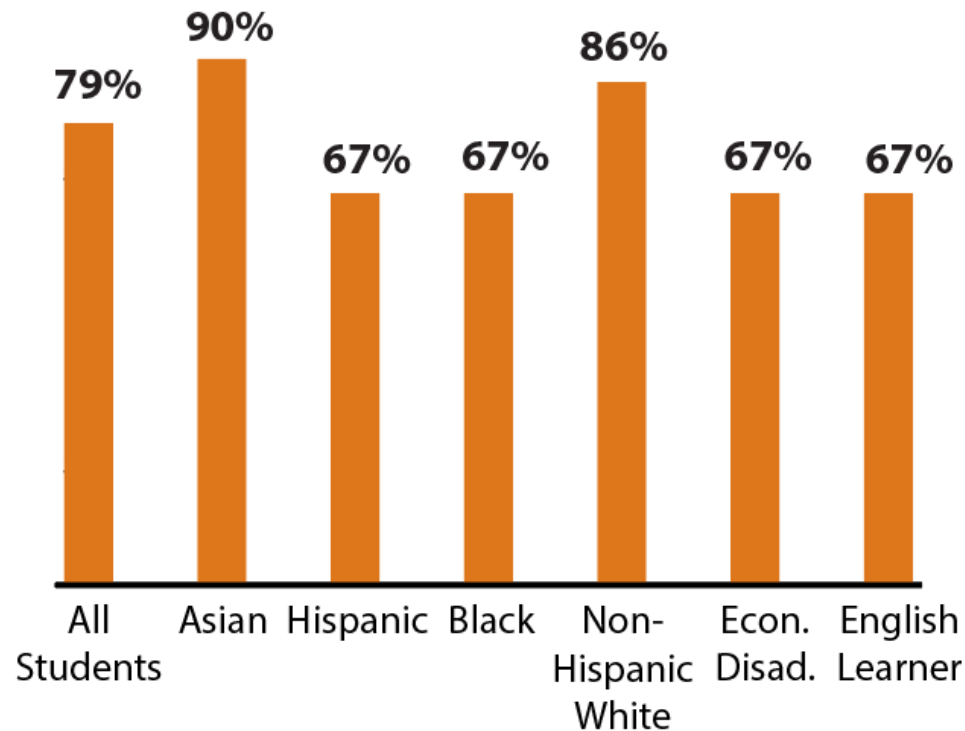
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SOL Pass Rates

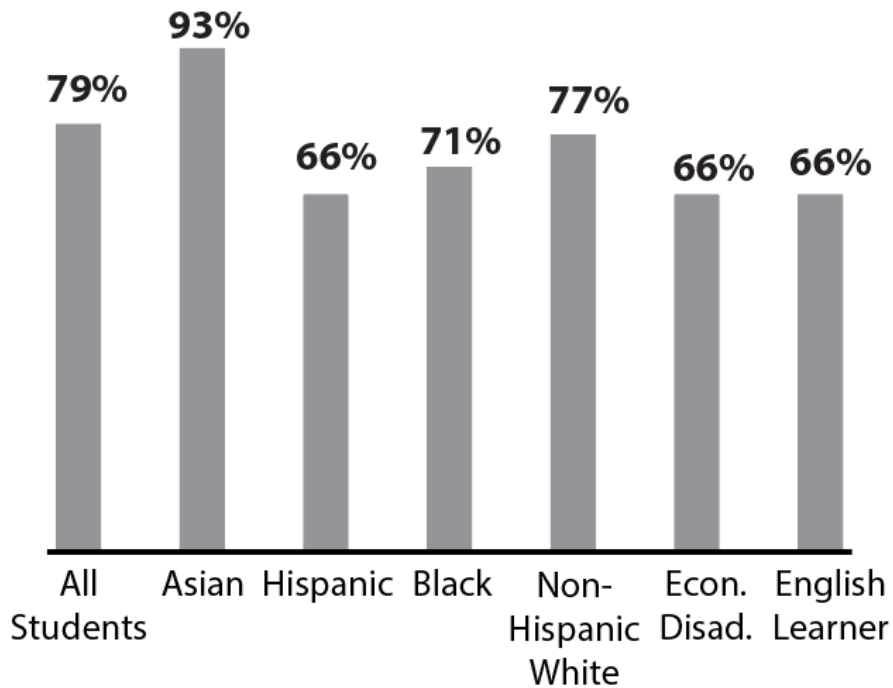
SOL English Reading Combined Pass Rates (2017-2018)



Source: Virginia Department of Education,
SOL Test Pass Rates 2017-2018

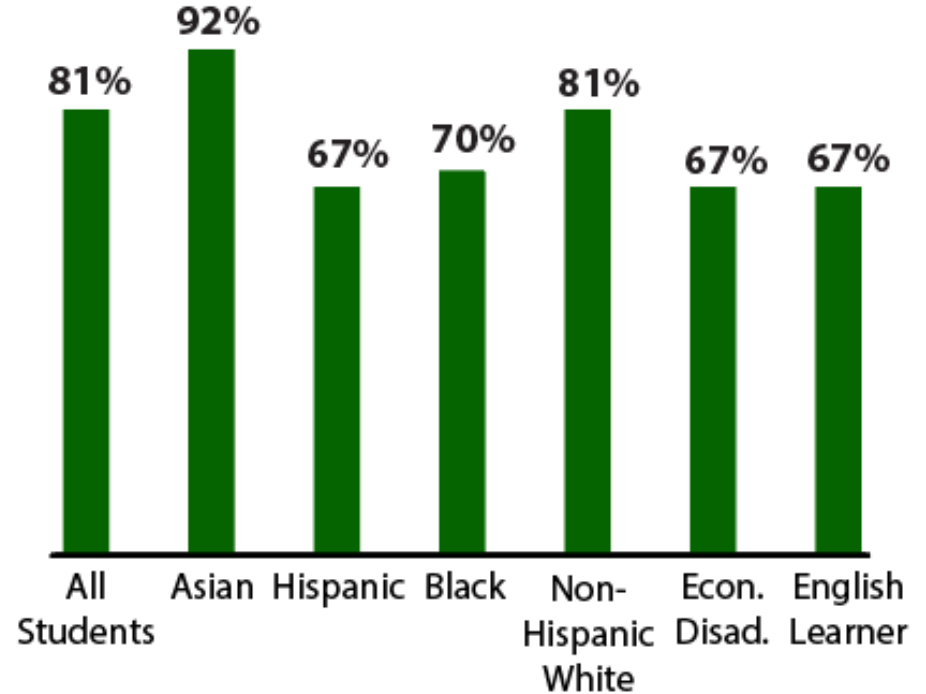
SOL Pass Rates

SOL Math Combined Pass Rates (2017-2018)



Source: Virginia Department of Education, SOL Test Pass Rates 2017-2018

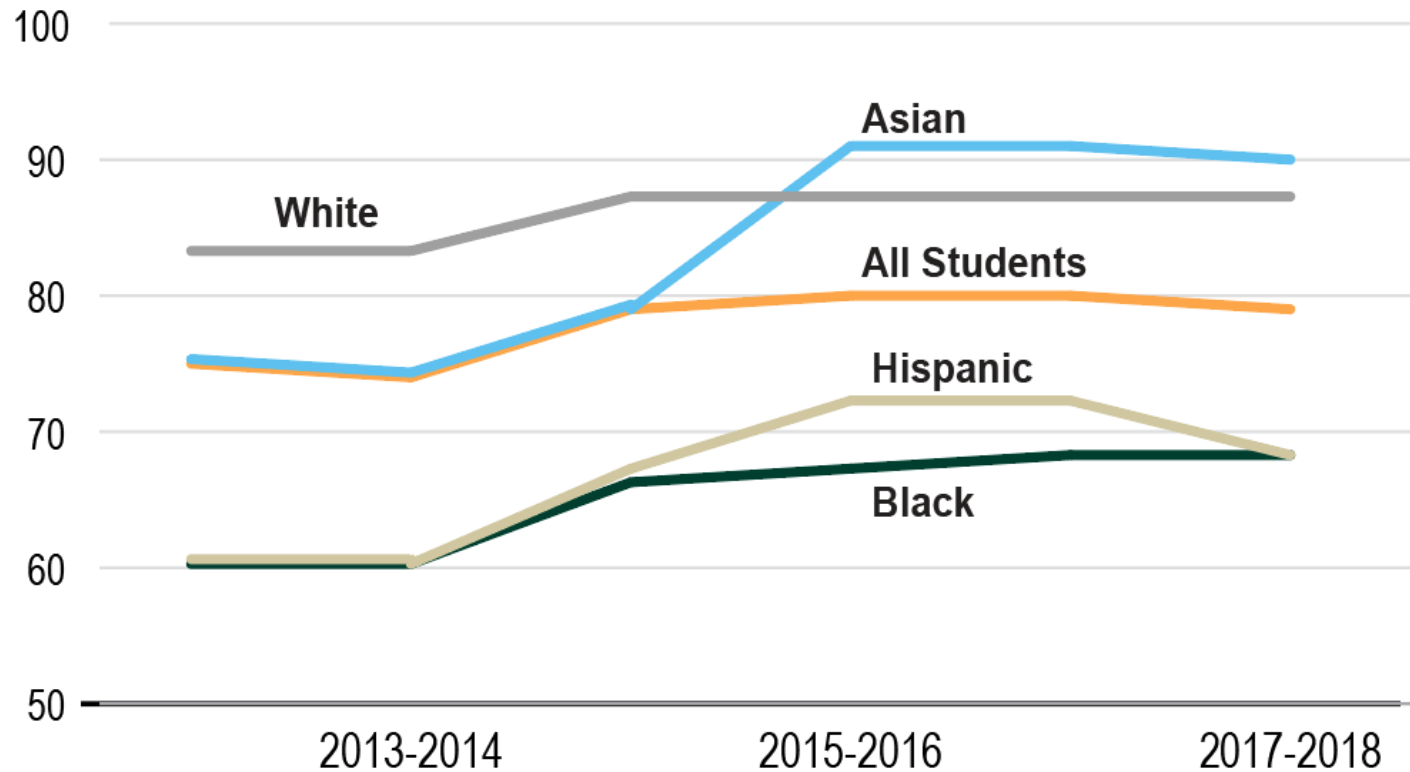
SOL Science Combined Pass Rates (2017-2018)



Source: Virginia Department of Education, SOL Test Pass Rates 2017-2018

SOL Pass Rates 2012-2018

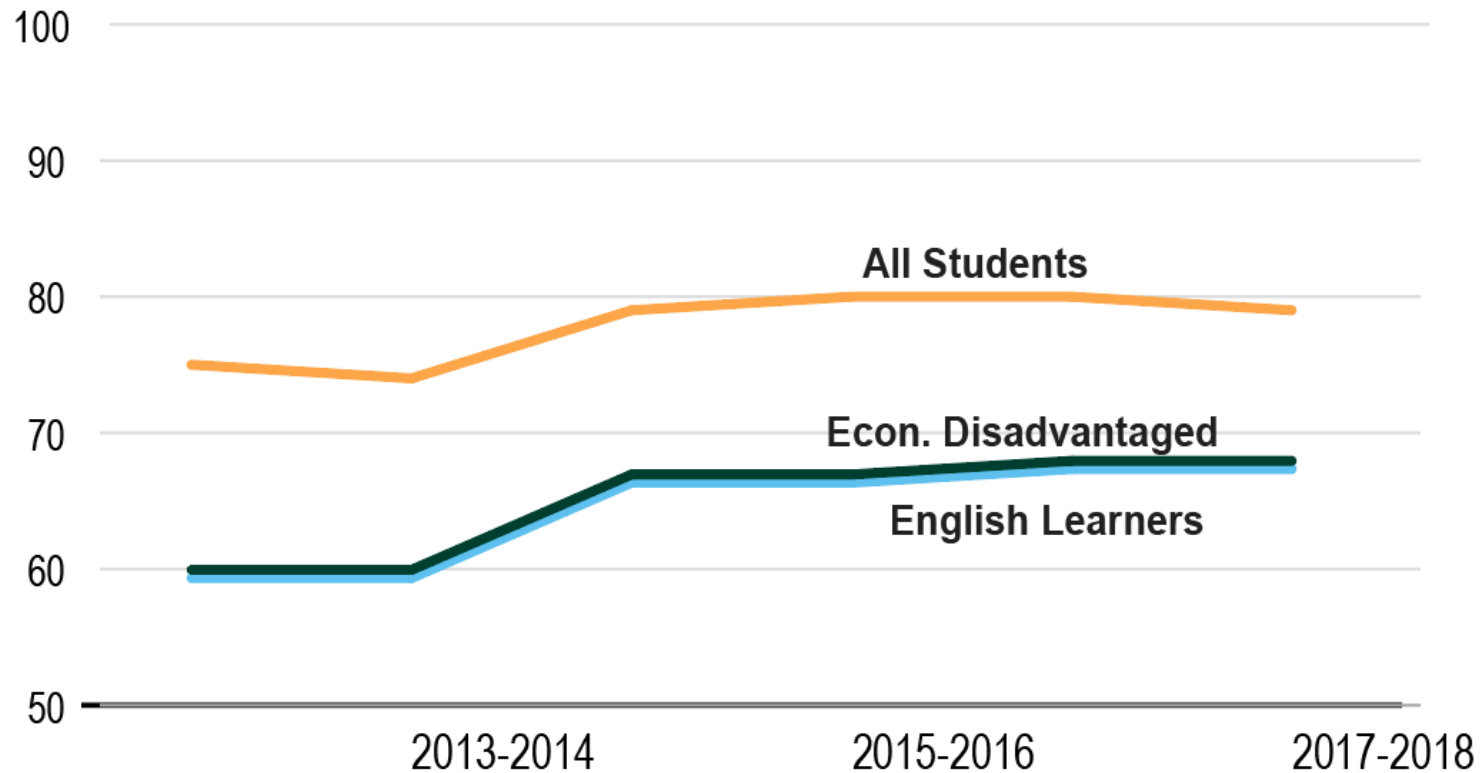
English Reading SOL Pass Rates (2012 - 2018)



Source: VDOE SOL Test Pass Rates Division Subject Area 2012-2013 - 2017-2018

SOL Pass Rates 2012-2018

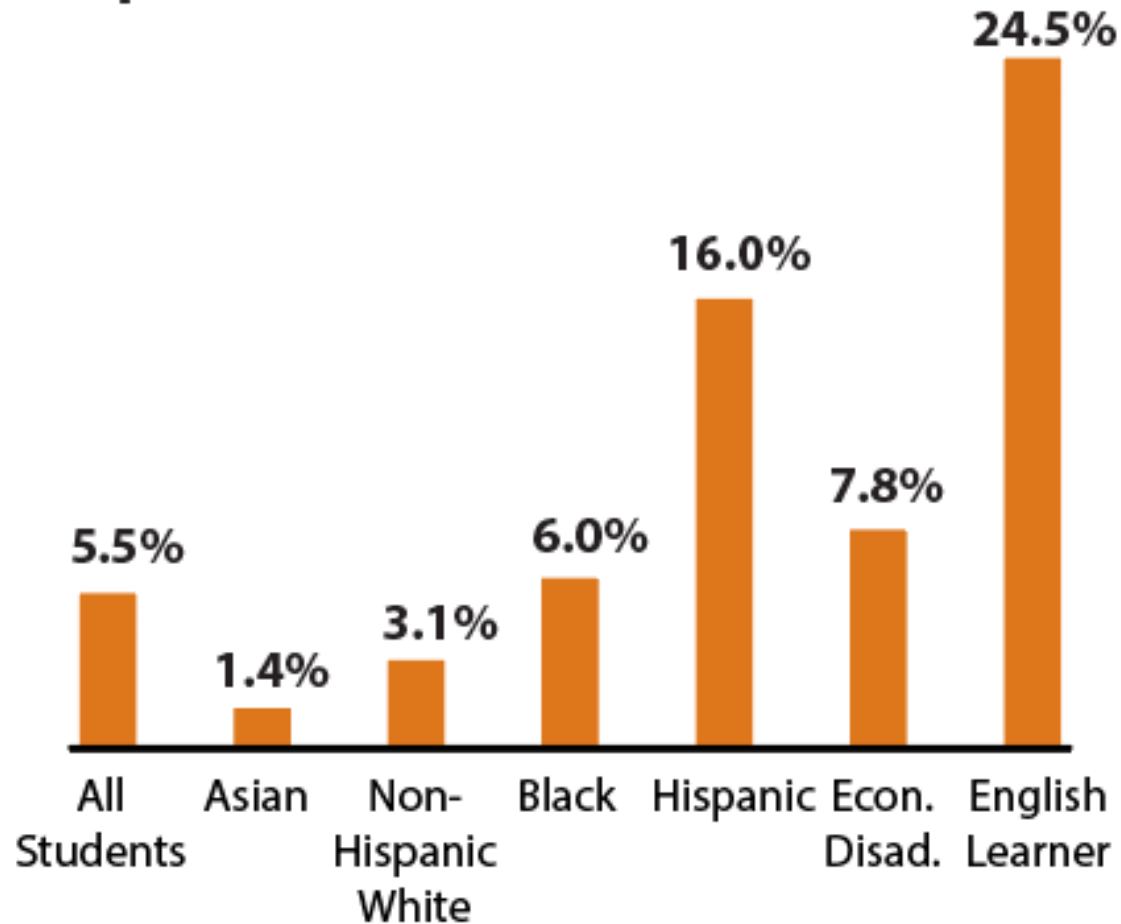
English Reading SOL Pass Rates (2012 - 2018)



Source: VDOE SOL Test Pass Rates Division Subject Area 2012-2013 - 2017-2018

Four-Year Drop Out Rates

Drop Out Rate for Class of 2018



Source: Virginia Department of Education, Class of 2018 Four-Year Cohort Report

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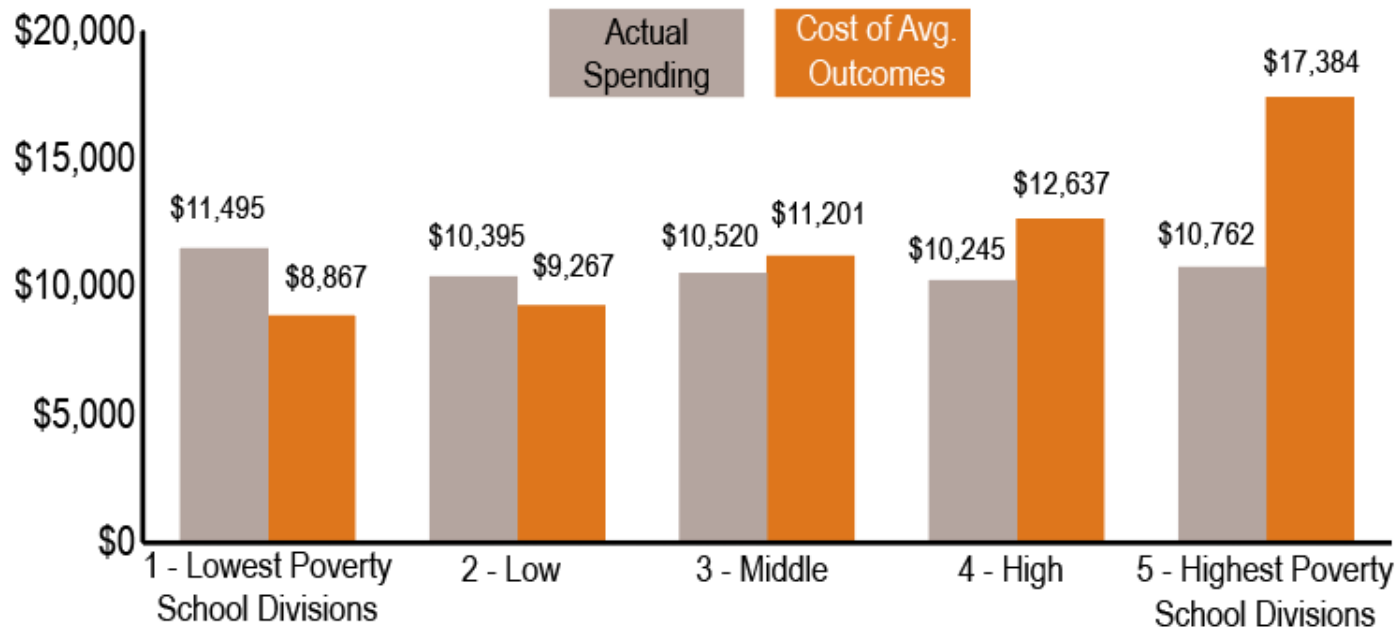
Research Shows Money Matters

- When per-pupil spending increased, students had:
 - higher graduation rates
 - higher adult wages
 - a lower likelihood of adult poverty
- Low-income students benefited most from increased spending.

National Study Sheds Light for VA

Getting to Equal Outcomes

Actual Spending in Virginia School Divisions Compared to the Predicted Cost It Would Take for Divisions to Reach the National Average on Standardized Tests

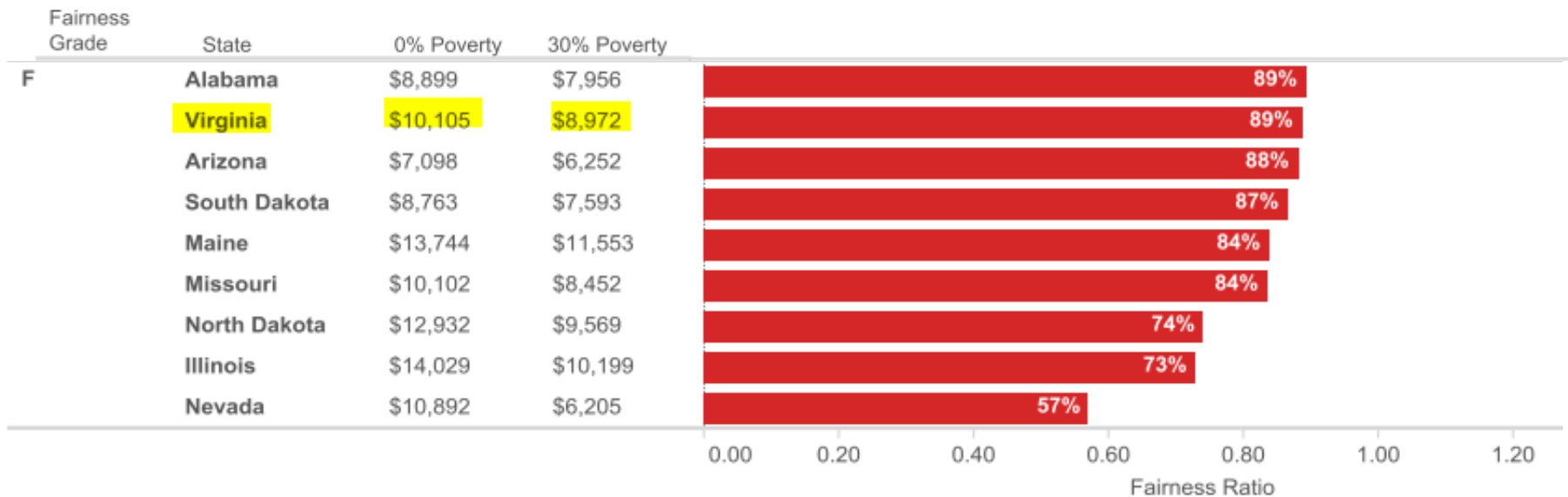


Virginia's highest poverty school divisions are spending **\$6,623** less than is needed to meet national average outcomes.

Source: TCI analysis of "The Real Shame of the Nation," Baker, Weber, Srikanth, Kim, Atzbi 2018.

State, Local Funding in Virginia

Figure 2. State Funding Distribution, 2015



Source: Education Law Center, "Is School Funding Fair?" (2018)

Questions?



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