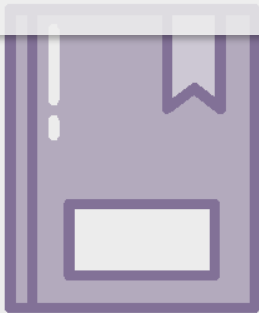


Public Education in Metro Atlanta:

Assessing the Cradle-to-Career Pipeline



June 2018

Atlanta Regional Commission
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regional impact + local relevance

A Closer Look at Public Education in Metro Atlanta

Overall, only 39 percent of third graders in the 10-county ARC Region are proficient in reading by the end of third grade.

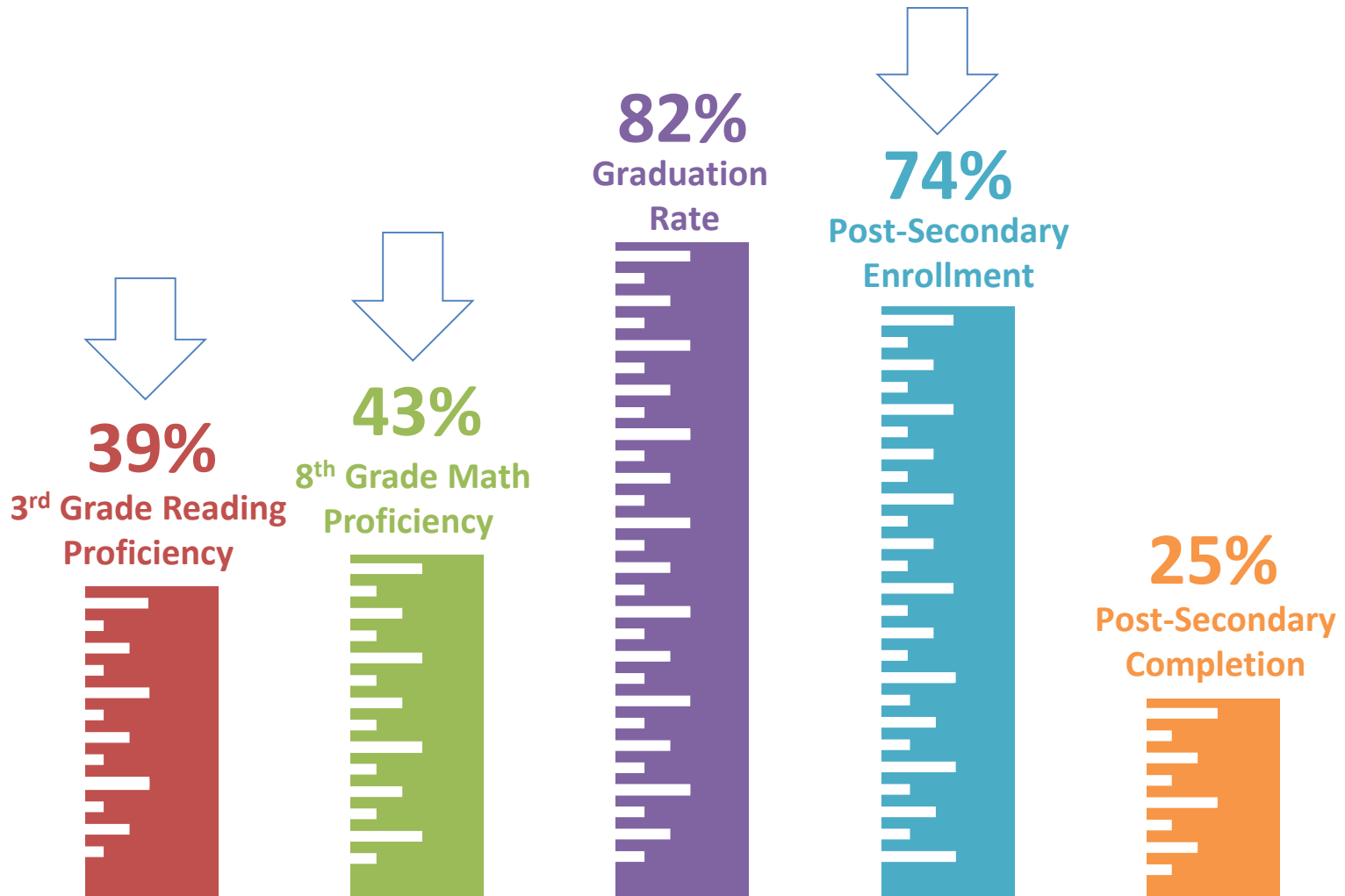
A study commissioned by the Annie E. Casey Foundation shows that children not reading proficiently by the end of third grade are four times more likely to not graduate high school.

Similar to reading outcomes, only 43 percent of 8th graders are proficient in math by the end of 8th grade.

There is a strong correlation between 3rd grade reading proficiency and 8th grade math proficiency. After third grade is when children transition from “learning to read” to “reading to learn.”

There is also a strong correlation between poverty and student achievement, which is also visible in the spatial distribution of levels of student achievement throughout the region.

Cradle-to-Career Indicators

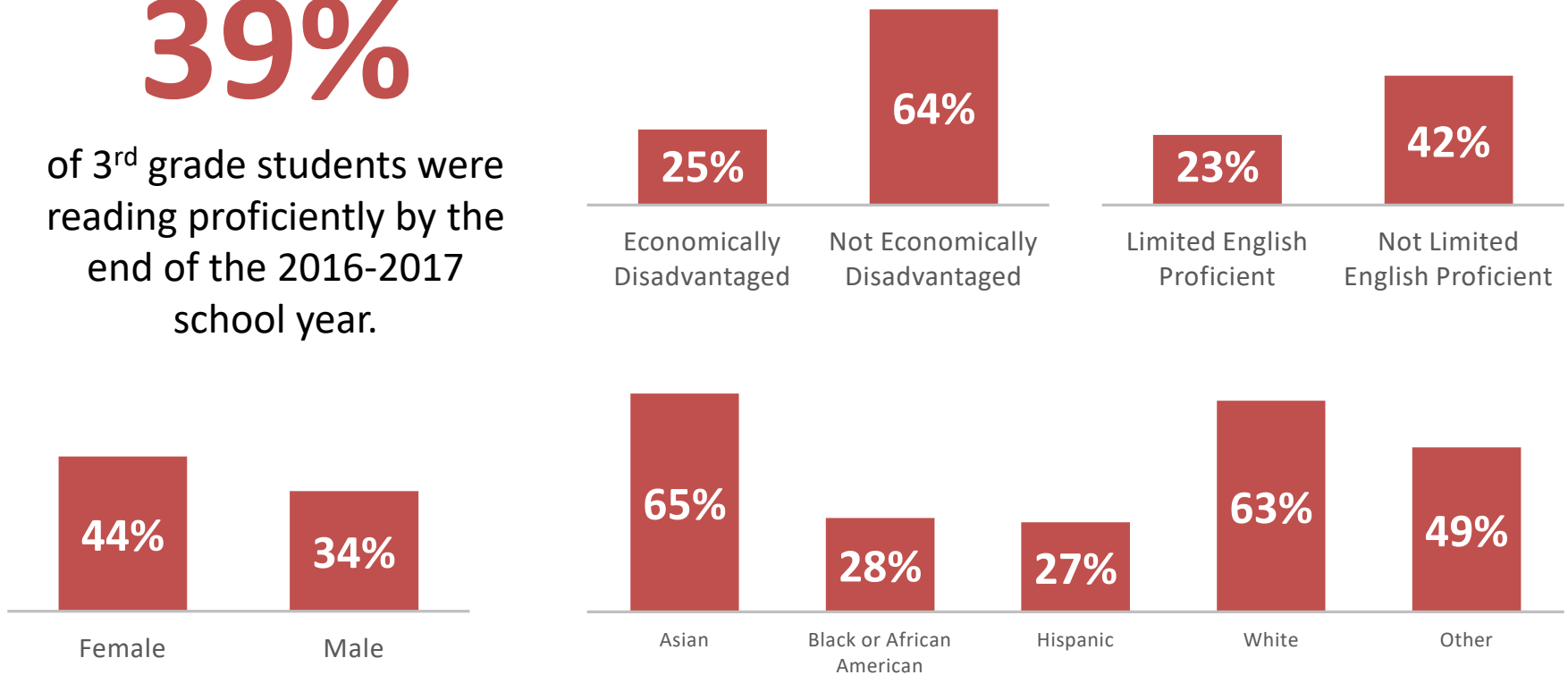


3rd Grade Reading Proficiency

% Proficient & Above on 3rd Grade Reading (GA Milestones),
10-County Region, Disaggregated by Subgroup

39%

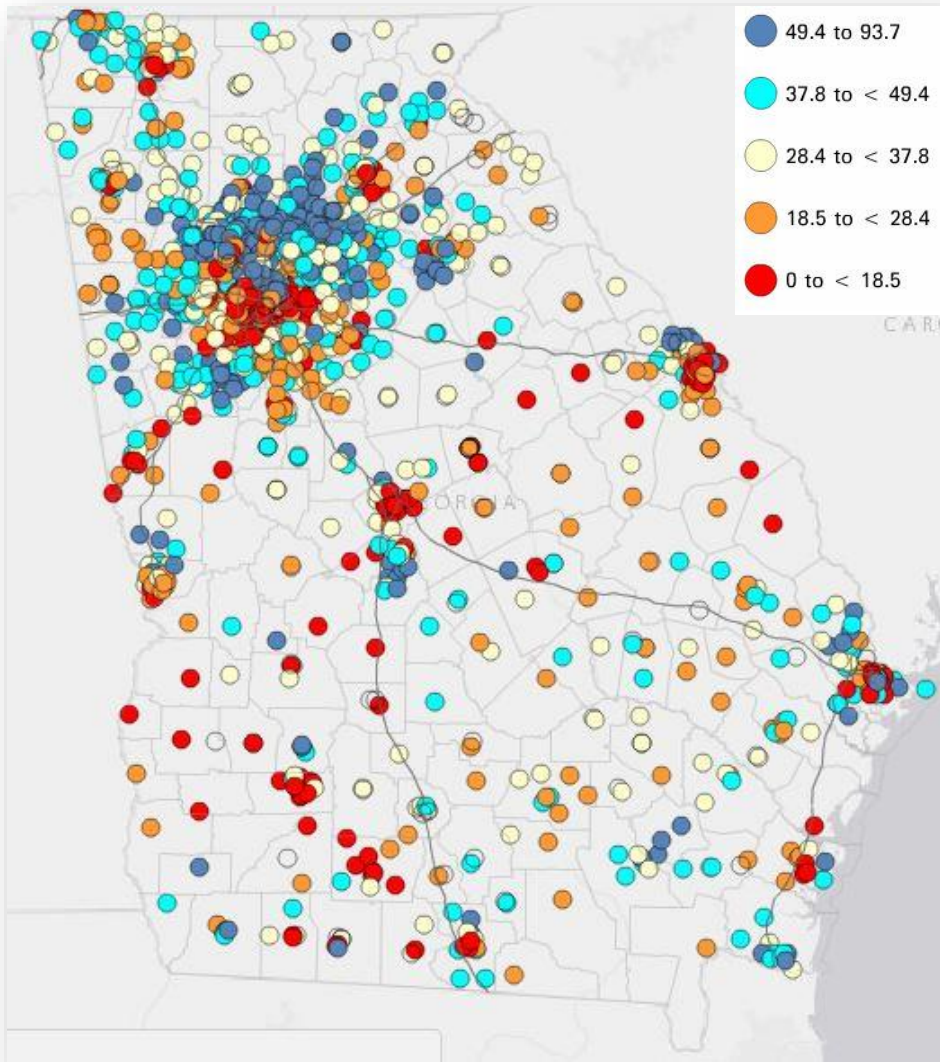
of 3rd grade students were reading proficiently by the end of the 2016-2017 school year.



Over **34,000 students** were not reading proficiently by the end of 3rd grade in 2017.

Note: Reading proficiency includes those students scoring proficient or distinguished on the 3rd Grade English Language Arts Milestones assessment.

3rd Grade Reading Proficiency, Continued...



The adjacent map shows 3rd grade reading proficiency by school *across the entire state*.

The blue shades represent higher reading proficiencies, while the orange and red shades represent lower levels of proficiency.

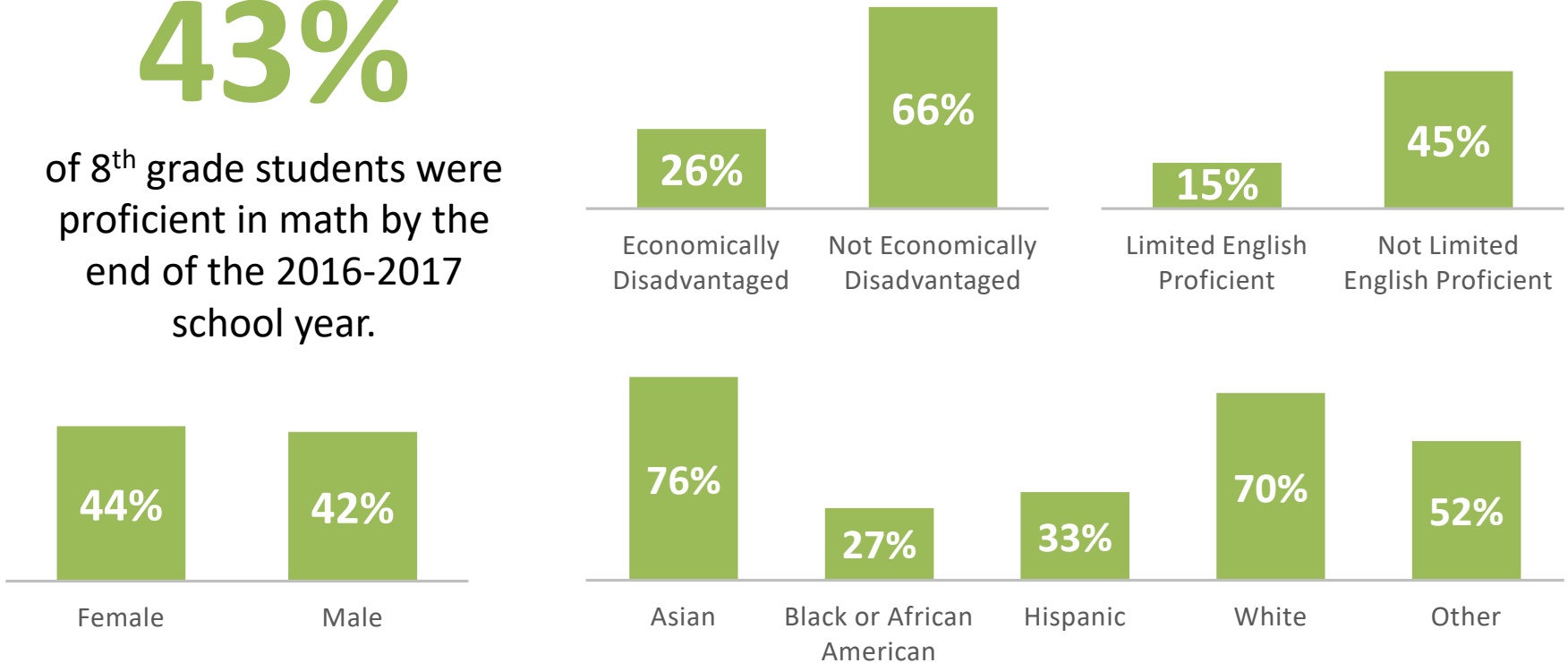
Metro Atlanta schools generally have decent proficiency levels when compared to schools in the southern half of Georgia, but ***South Fulton, Clayton, and Spalding schools stand out with the lowest proficiency rates in the metro area.***

8th Grade Math Proficiency

% Proficient & Above on 8th Grade Math (GA Milestones, *EOC + EOG*),
10-County Region, Disaggregated by Subgroup

43%

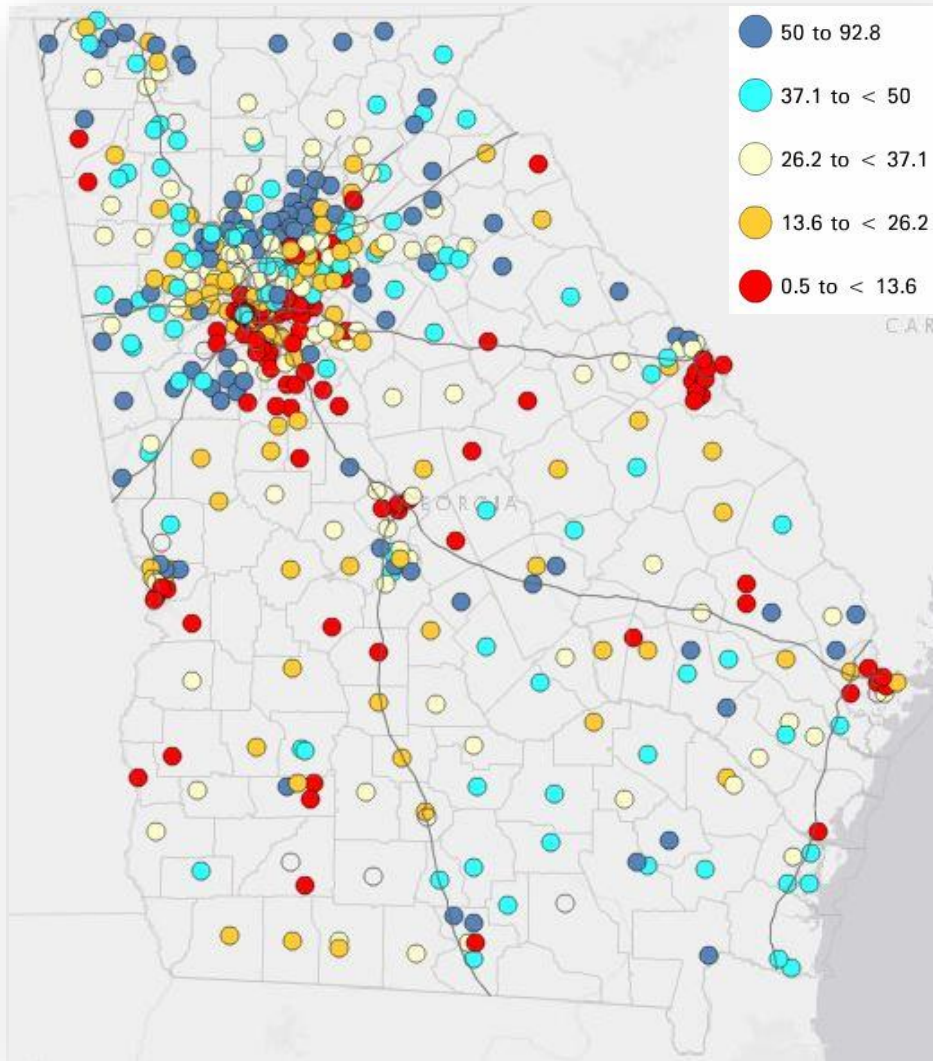
of 8th grade students were
proficient in math by the
end of the 2016-2017
school year.



Nearly **31,000 students** were not proficient in math by the end of 8th grade in 2017.

Note: In 2016, standards changed to allow 8th grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8th grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the Georgia Milestones 8th grade mathematics assessment (EOG Report) and the approved advanced mathematics course assessments (EOC Report) combined.

8th Grade Math Proficiency, Continued...



Similar to the previous 3rd grade proficiency map, this map shows 8th grade reading proficiency by school *across the entire state*.

The blue shades represent higher math proficiencies, while the orange and red shades represent lower levels of proficiency.

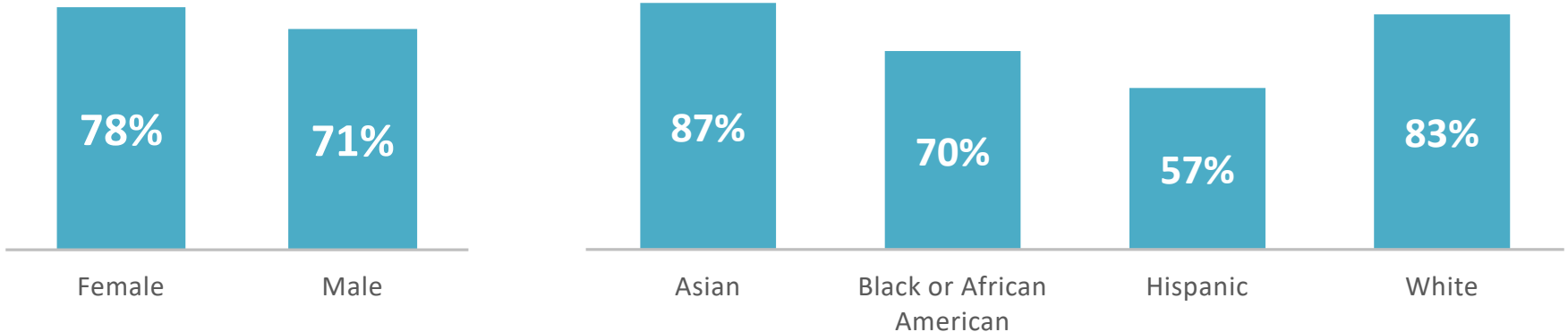
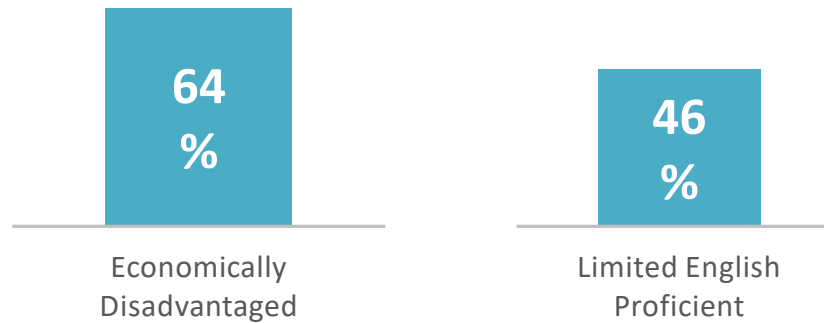
Again, metro Atlanta schools generally have decent proficiency levels when compared to schools in the southern half of Georgia, but ***South Fulton, Clayton, and Spalding schools stand out with the lowest proficiency rates in the metro area.***

Post-Secondary Enrollment

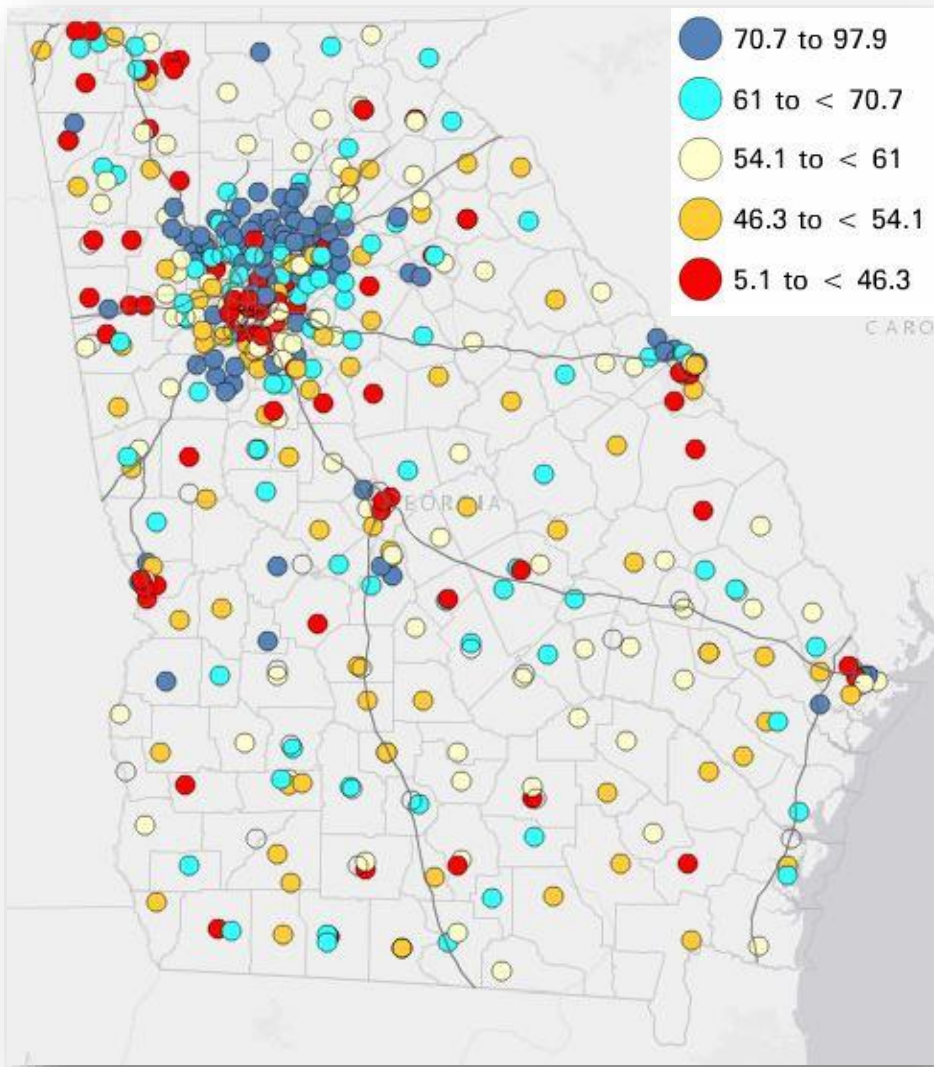
10-County Region, Disaggregated by Subgroup

74%

of the 2015 graduating class was enrolled in a post-secondary institution within 16 months of graduation.



Post-Secondary Enrollment, Continued...



The adjacent map shows a slightly different measure for post-secondary enrollment than the preceding slide. This map is showing the percentage of 2016 graduates who enrolled in a post-secondary institution within one year of graduation by school *across the entire state*.

The blue shades represent higher rates of enrollment, while the orange and red shades represent lower levels of post-secondary enrollment.

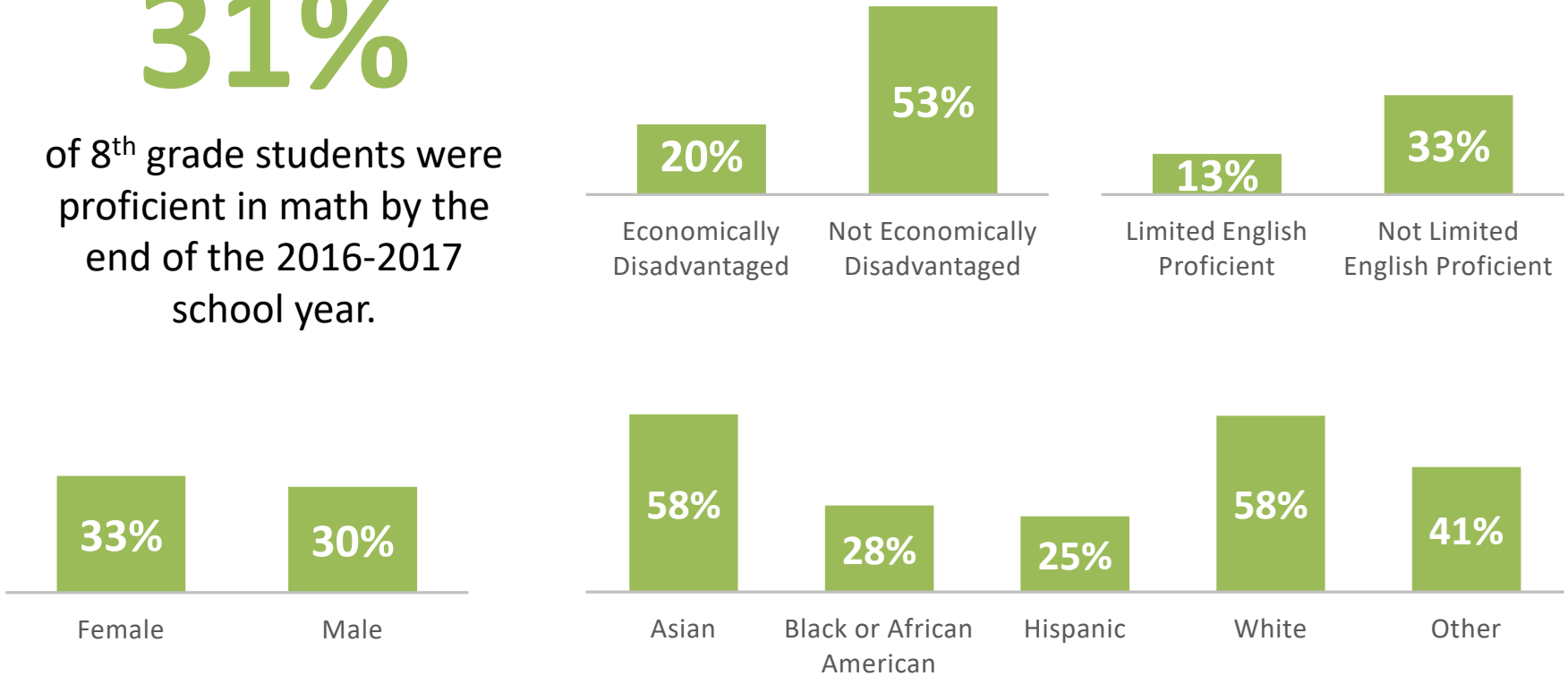
Metro Atlanta schools have the highest rates of post-secondary enrollment in the state, especially among the schools in North Fulton, Cobb, and Gwinnett counties.

8th Grade Math Proficiency

% Proficient & Above on 8th Grade Math (GA Milestones, *EOG*),
10-County Region, Disaggregated by Subgroup

31%

of 8th grade students were proficient in math by the end of the 2016-2017 school year.



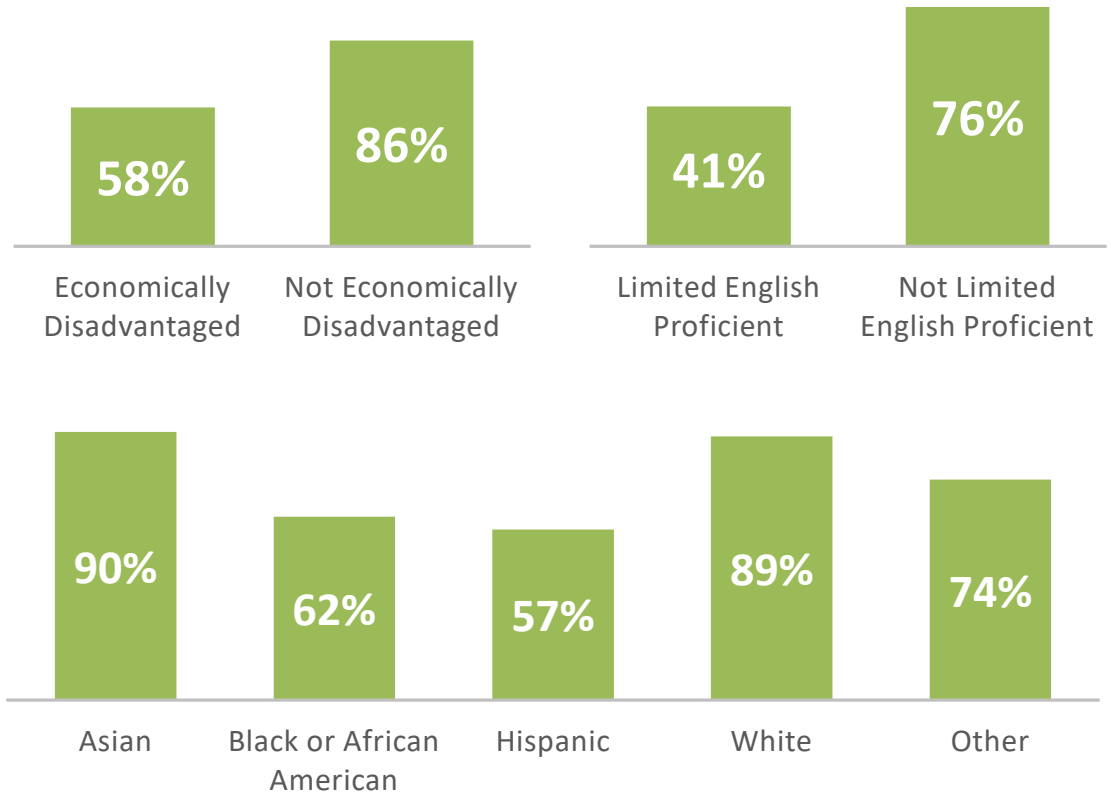
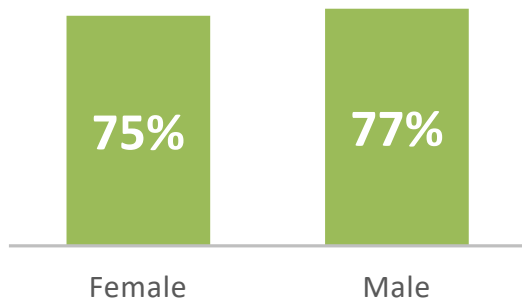
Note: In 2016, standards changed to allow 8th grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8th grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the Georgia Milestones 8th grade mathematics assessment (EOG Report) only.

8th Grade Math Proficiency

% Proficient & Above on 8th Grade Math (GA Milestones, *EOC*),
10-County Region, Disaggregated by Subgroup

76%

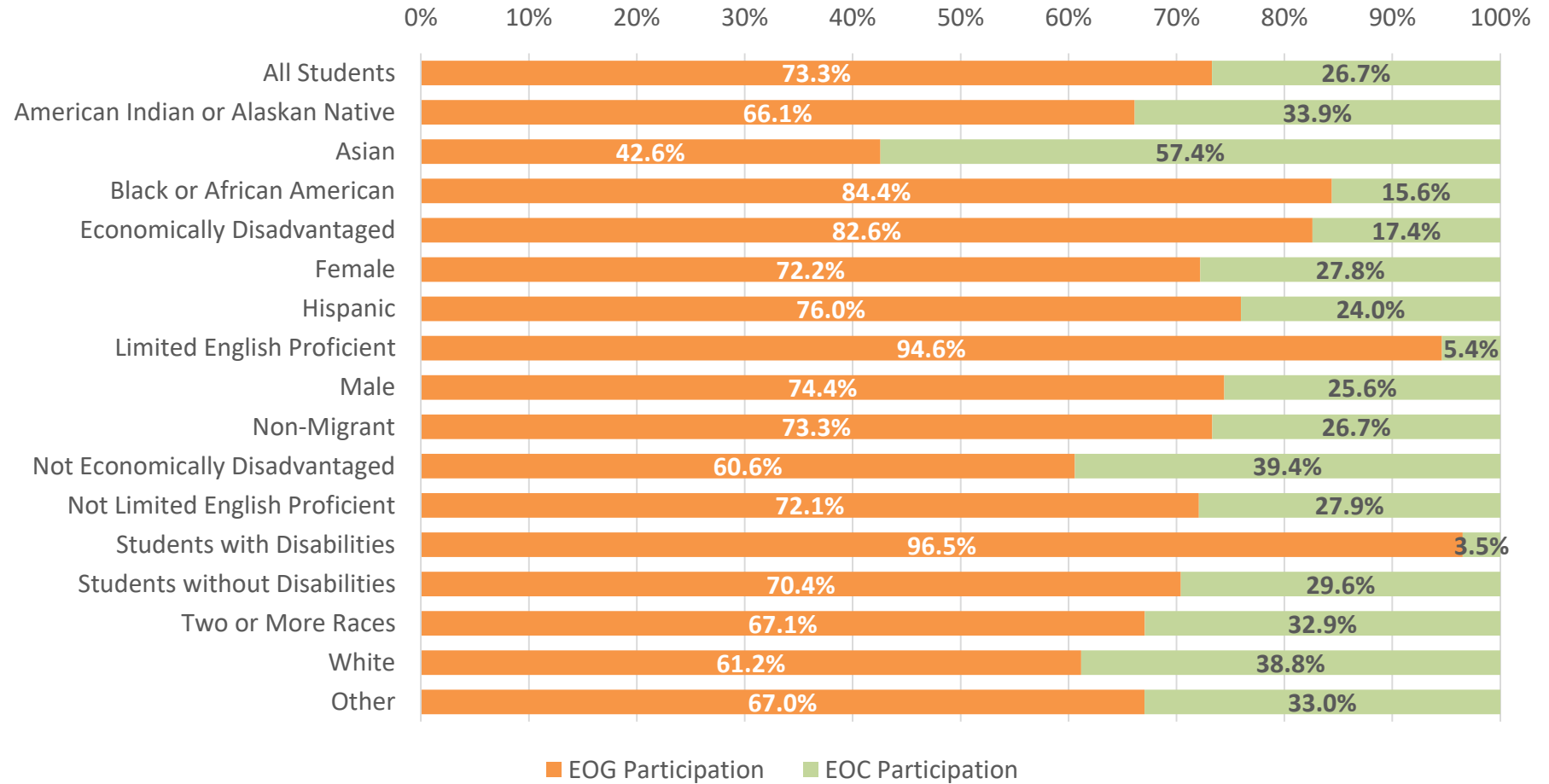
of 8th grade students who took advanced end-of-course assessments were proficient by the end of the 2016-2017 school year.



Note: In 2016, standards changed to allow 8th grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8th grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the approved advanced mathematics course assessments (EOC Report) only.

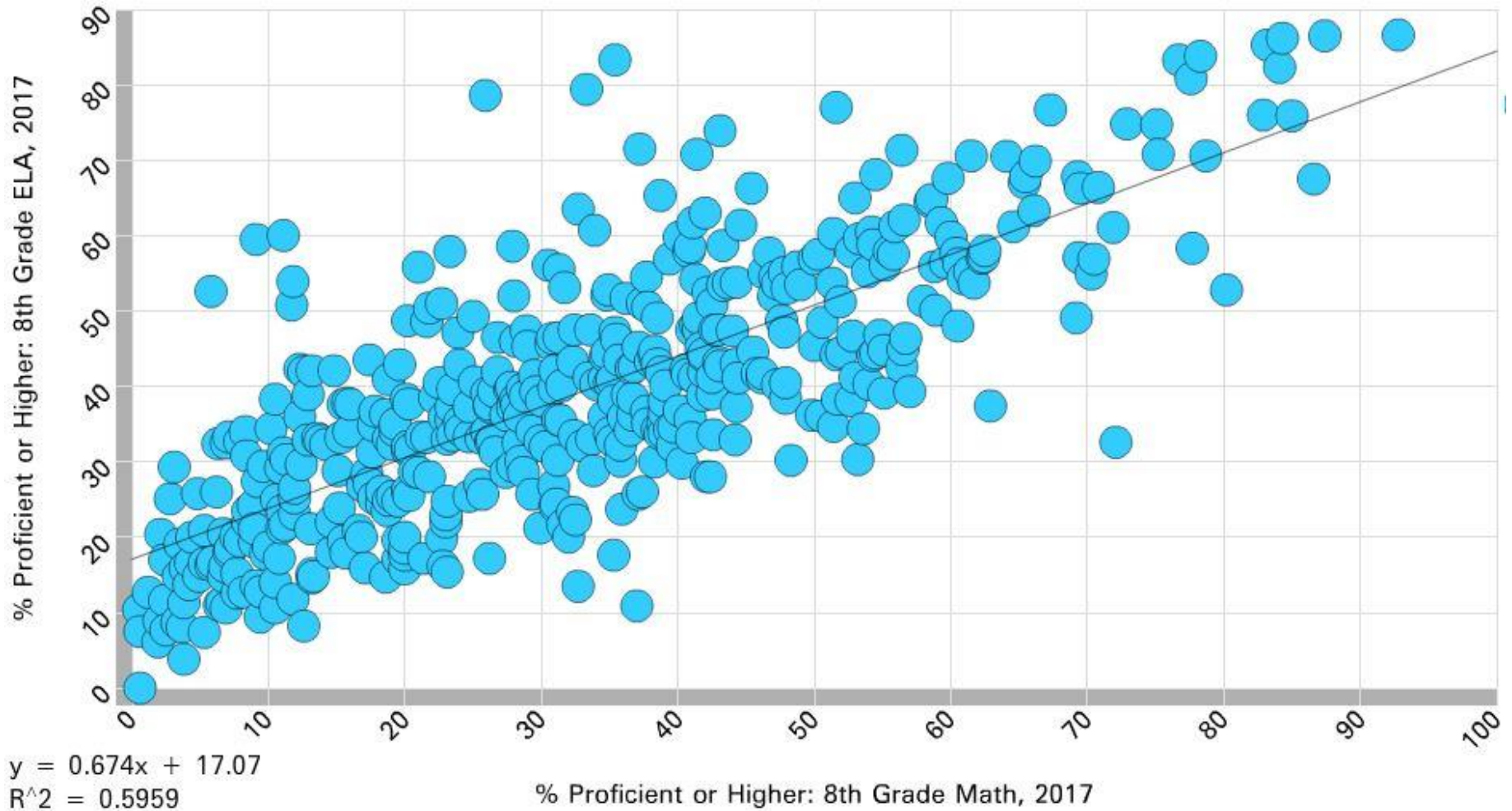
8th Grade Math Assessment, Participation by Test Type

EOG vs. EOC Participation Rates, 10-County Region, Disaggregated by Subgroup



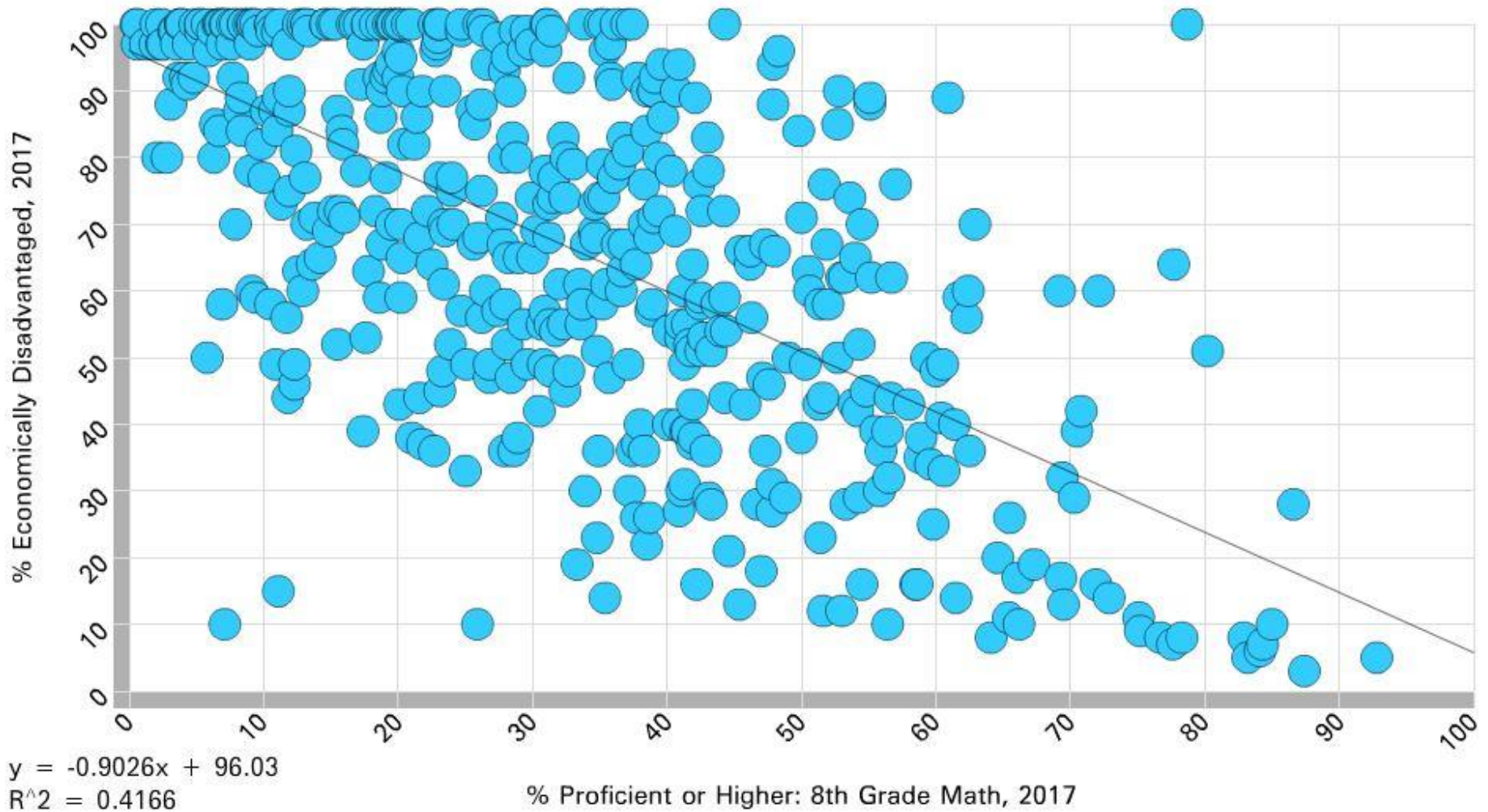
Impact of Literacy

Relationship between 8th Grade ELA Proficiency and 8th Grade Math Proficiency



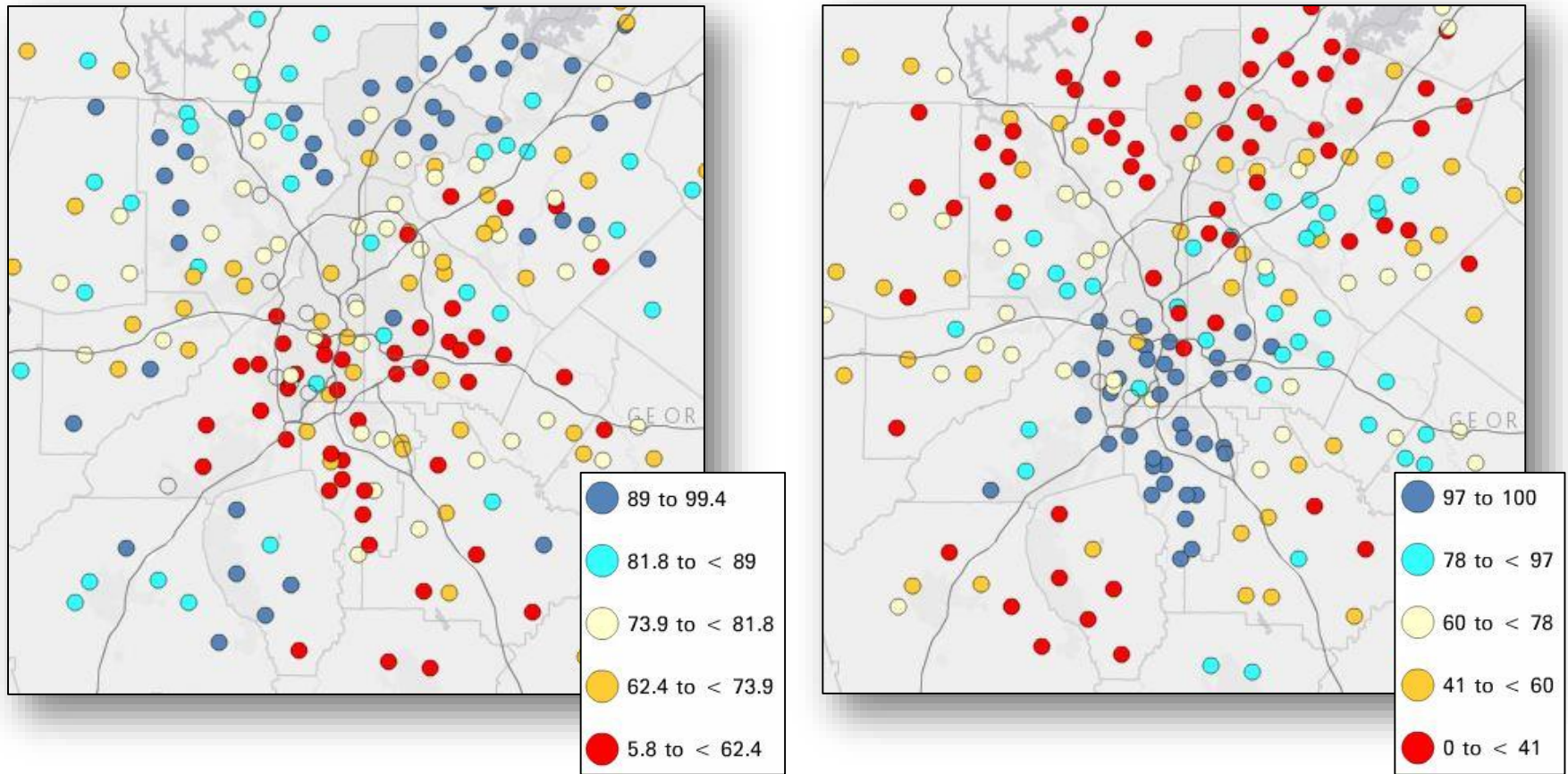
Impact of Socioeconomics

Relationship between Economic Disadvantage and 8th Grade Math Proficiency



Impact of Socioeconomics

Spatial Relationship between Economic Disadvantage and 8th Grade Math Proficiency



The two maps above show that **lower rates of proficiency** (represented by the orange and red shades in the map on the left) **map almost perfectly with higher rates of economic disadvantage**, represented by blue shades in the map on the right.

For more information regarding the state of education
among metro Atlanta's core counties, please visit:



Learn4Life

Metro Atlanta Regional Education Partnership

www.l4lmetroatlanta.org