

FIFTH EDITION

# THE ECONOMICS OF



GEORGIA PARTNERSHIP  
FOR EXCELLENCE IN EDUCATION

# Purpose

To prepare all students to graduate and to become  
positive, productive members of society.



# Screven County School System

June 11, 2018

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1. Examine the Data for Education in Georgia
2. Economic Impact of Georgia Non-Graduates
3. Strengthening the Birth to Work Pipeline
4. What Can We Do?

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# Examine the Data for Education in Georgia

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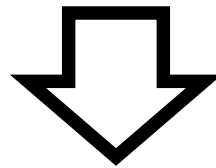
# Academic Achievement Milestones

**School Readiness**

**Literacy by 3<sup>rd</sup> Grade**

**Numeracy by 8<sup>th</sup> Grade**

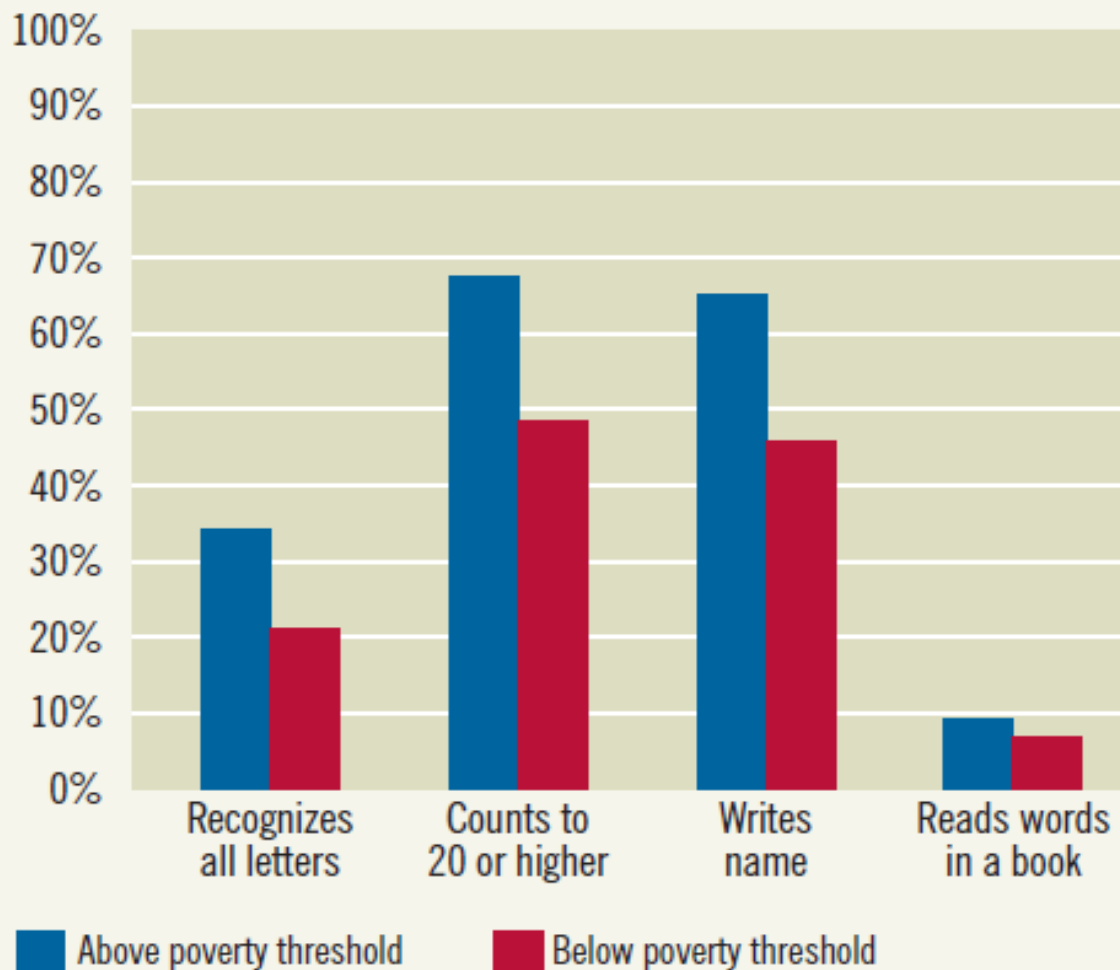
**High School Graduation**



**Workforce and/or College Ready**

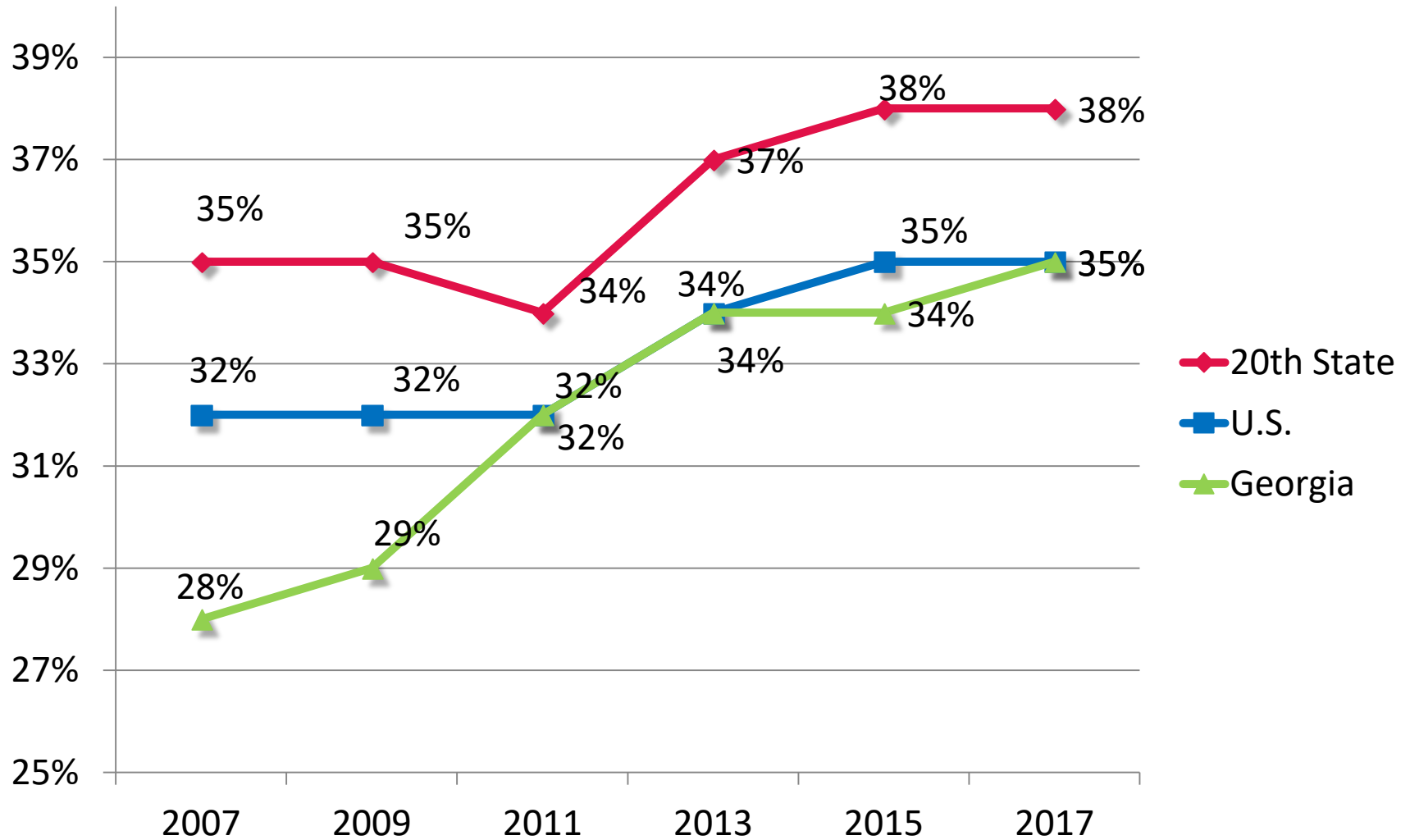
# School Readiness

Percent of Children with School Readiness Skills



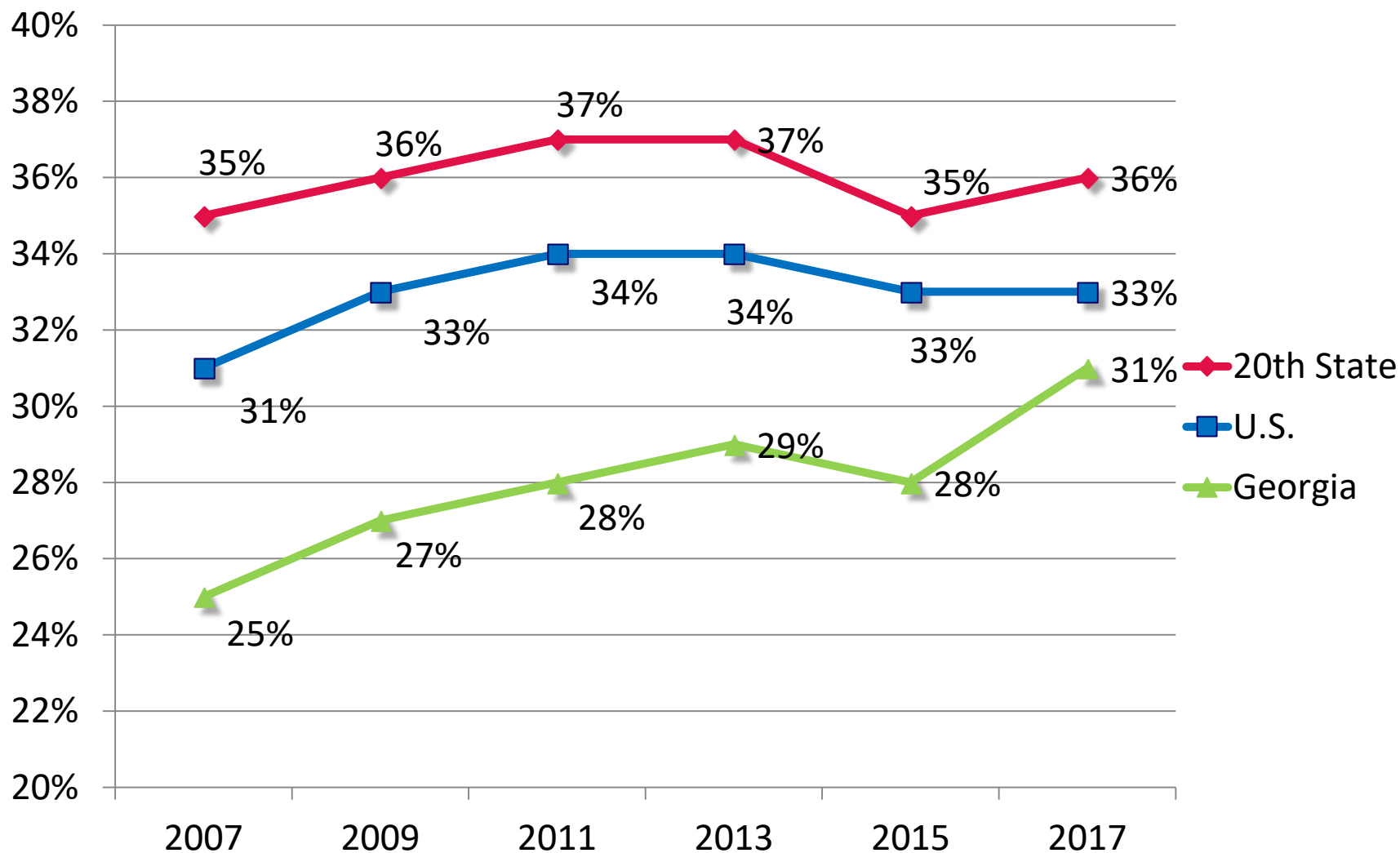
Source: O'Donnell, K. "Parents' Reports of the School Readiness of Young Children from the National Household Education Surveys Program. Table 2." National Center for Education Statistics. 2008. Retrieved from [www.childtrendsdatabank.org](http://www.childtrendsdatabank.org)

# NAEP 4<sup>th</sup> Grade Reading Percent At or Above Proficient



# NAEP 8<sup>th</sup> Grade Math

## Percent At or Above Proficient

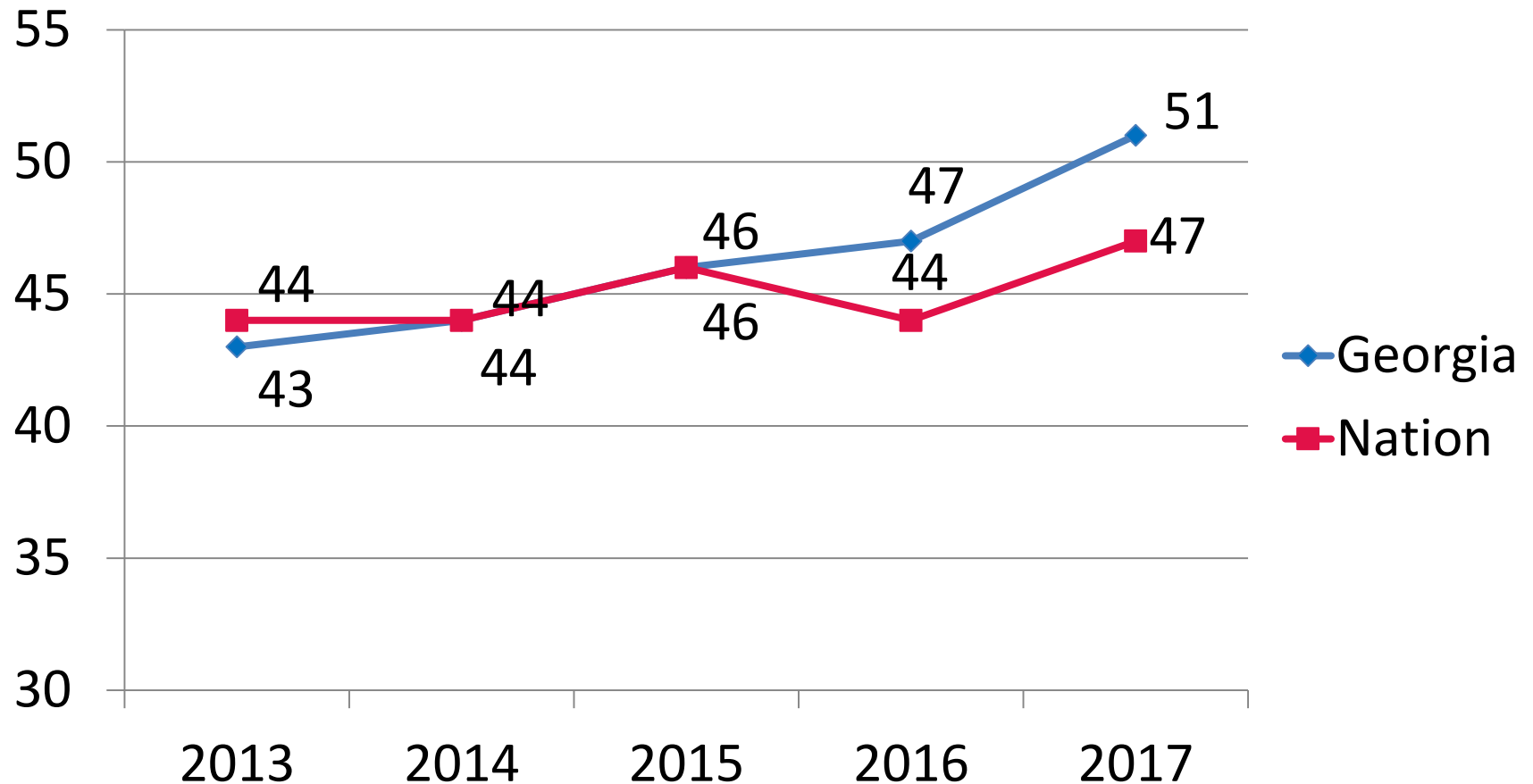




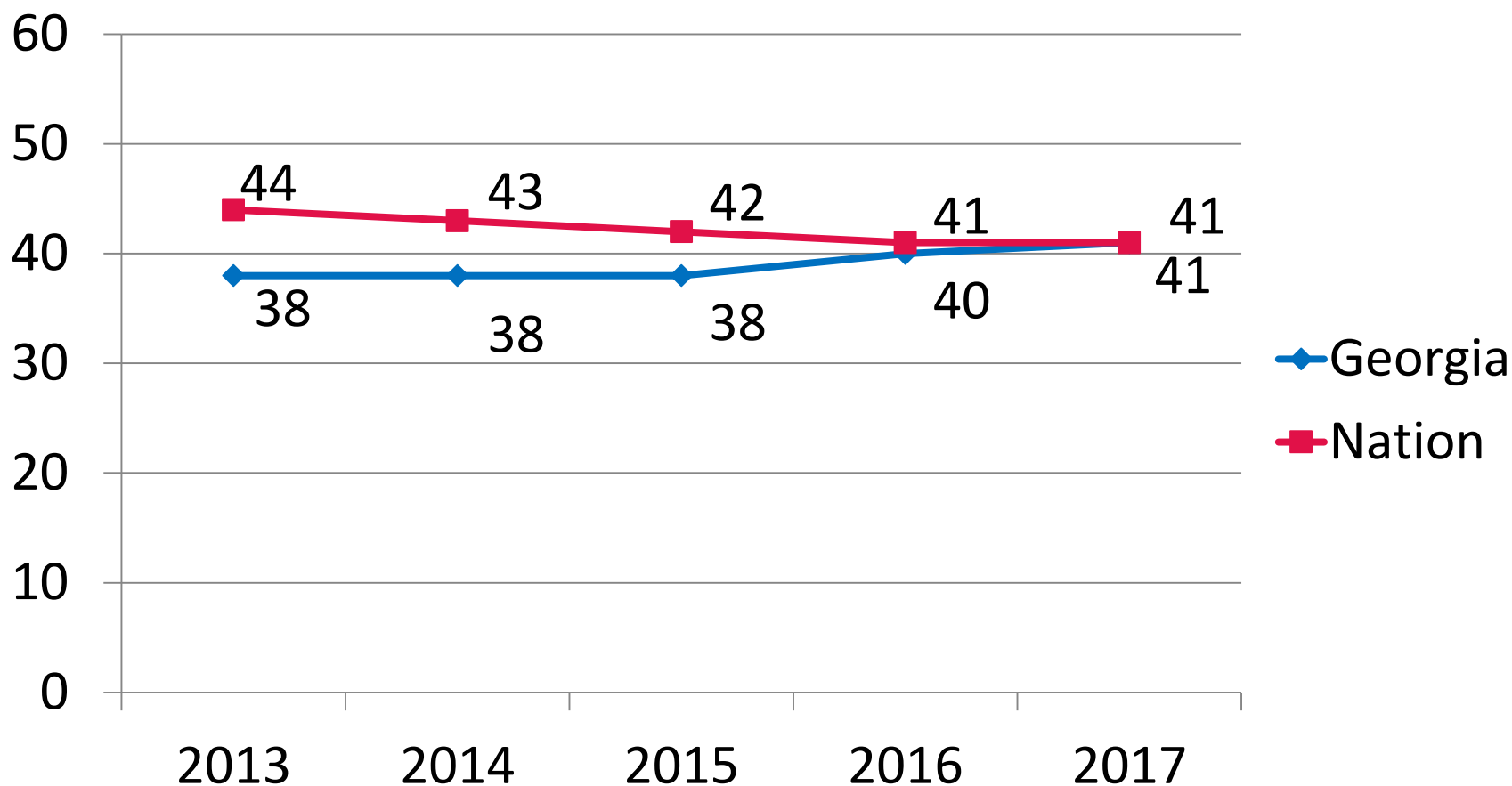
# Georgia High School Graduation Rates

Year	High School Graduation Rate State Average
2014	73%
2015	79%
2016	79%
2017	81%

# Percent of ACT Tested High School Graduates Meeting College Readiness Benchmarks - Reading



# Percent of ACT Tested High School Graduates Meeting College Readiness Benchmarks - Math



# Economic Impact of Georgia Non-Graduates

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# Education Pays

## EDUCATIONAL ATTAINMENT & EMPLOYMENT

<b>Unemployment % Rate*</b>	<b>Feb 2018</b>	<b>Approx. Annual Earnings**</b>
<b>2.3%</b>	<b>Bachelor's Degree &amp; Higher</b>	<b>\$66,456</b>
<b>3.5%</b>	<b>Some college/ Associate Degree</b>	<b>\$41,600</b>
<b>4.4%</b>	<b>HS Graduates, No College</b>	<b>\$37,128</b>
<b>5.7%</b>	<b>Less than a High School Diploma</b>	<b>\$27,612</b>

Source: \*U.S. Bureau of Labor Statistics Table A-4. Employment status of the civilian population 25 years and over by educational attainment.

\*\*U.S. Bureau of Labor Statistics Table 5. Quartiles of usual weekly earnings of full-time wage and salary workers, approximation based on median earnings.

# Compounded Impacts of High School Non-Completion

## INDIVIDUALS

## THE COMMUNITY

**Lower Lifetime Earnings**



**Reduced buying power & tax revenues; less economic growth**

**Decreased health status; Higher mortality rates; More criminal activity**



**Higher health care & criminal justice costs**

**Higher teen pregnancy rates; Single motherhood**



**Higher public services costs**

**Less voting; Less volunteering**



**Low rate of community involvement**

# Economic Impacts – The Graduation Effect

## If Georgia's Graduation Rate increased to **90%**



\$160 million in additional income

Within 10 years – a new graduate who completes at least an associate's degree will earn, on average, **\$15,600** more a year than a hs dropout.



\$10.5 million in state and local tax revenue



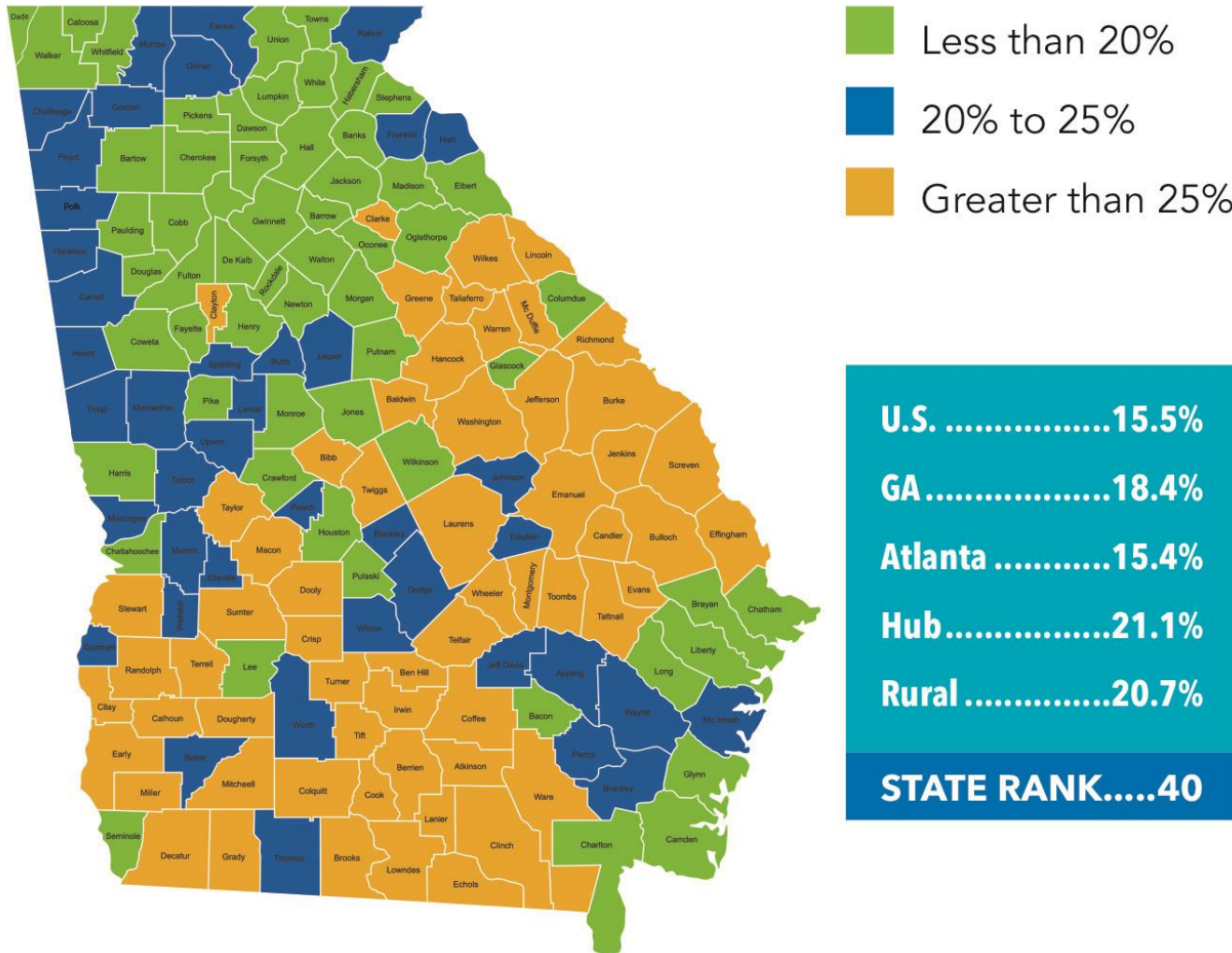
\$600 million on health-care cost savings

Percent with public health insurance or no health insurance in 2015:  
71% hs dropout  
45% hs graduate



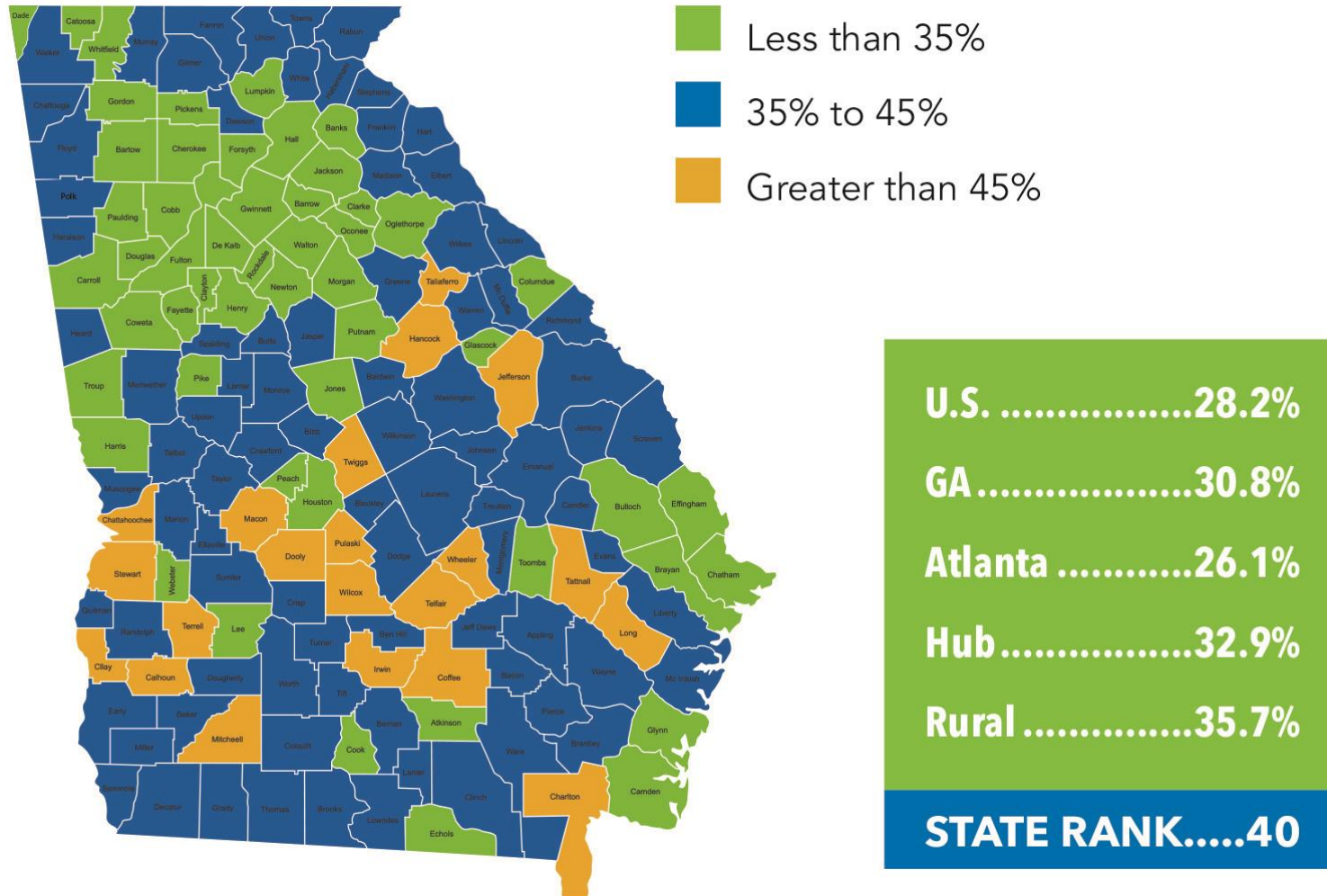
\$260 million in home sales

# Barriers to Economic Growth: Poverty Rates

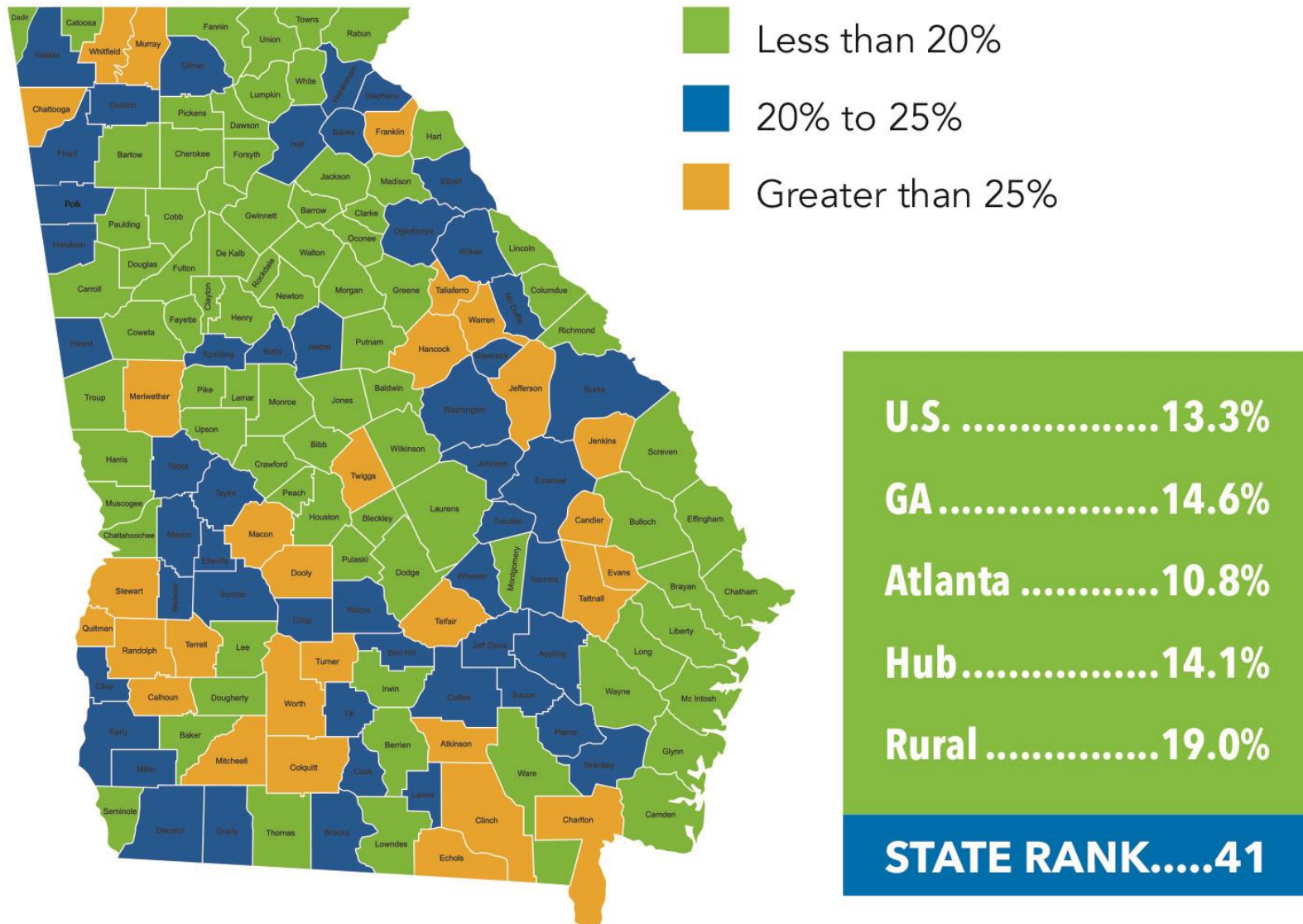




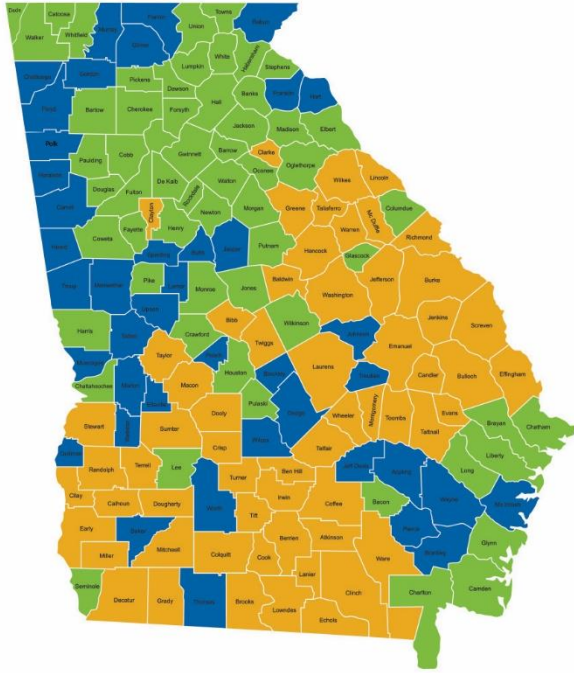
# Barriers to Economic Growth: Adults Not Working, Ages 25-64



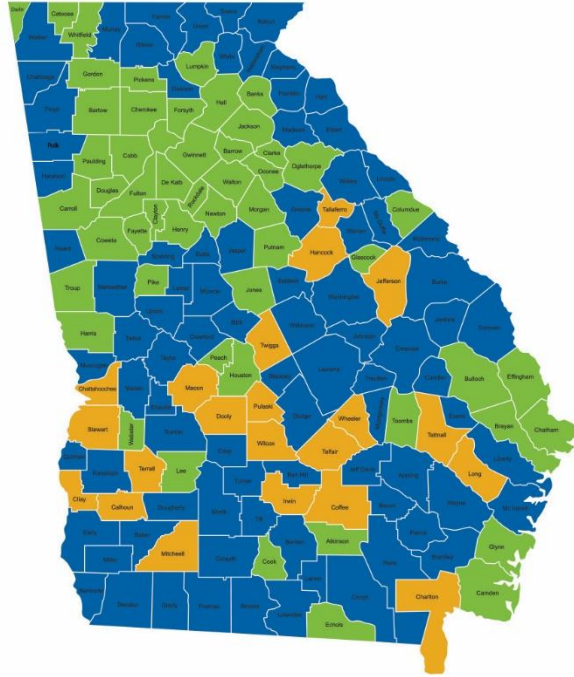
# Barriers to Economic Growth: Adults Without A High School Diploma



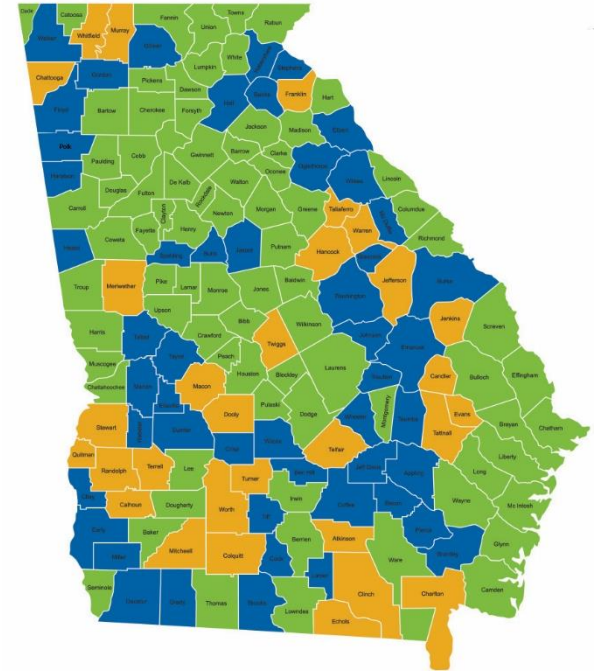
# Barriers to Economic Growth



Poverty



Adults Not Working



No HS Diploma

# Strengthening the Birth to Work Pipeline

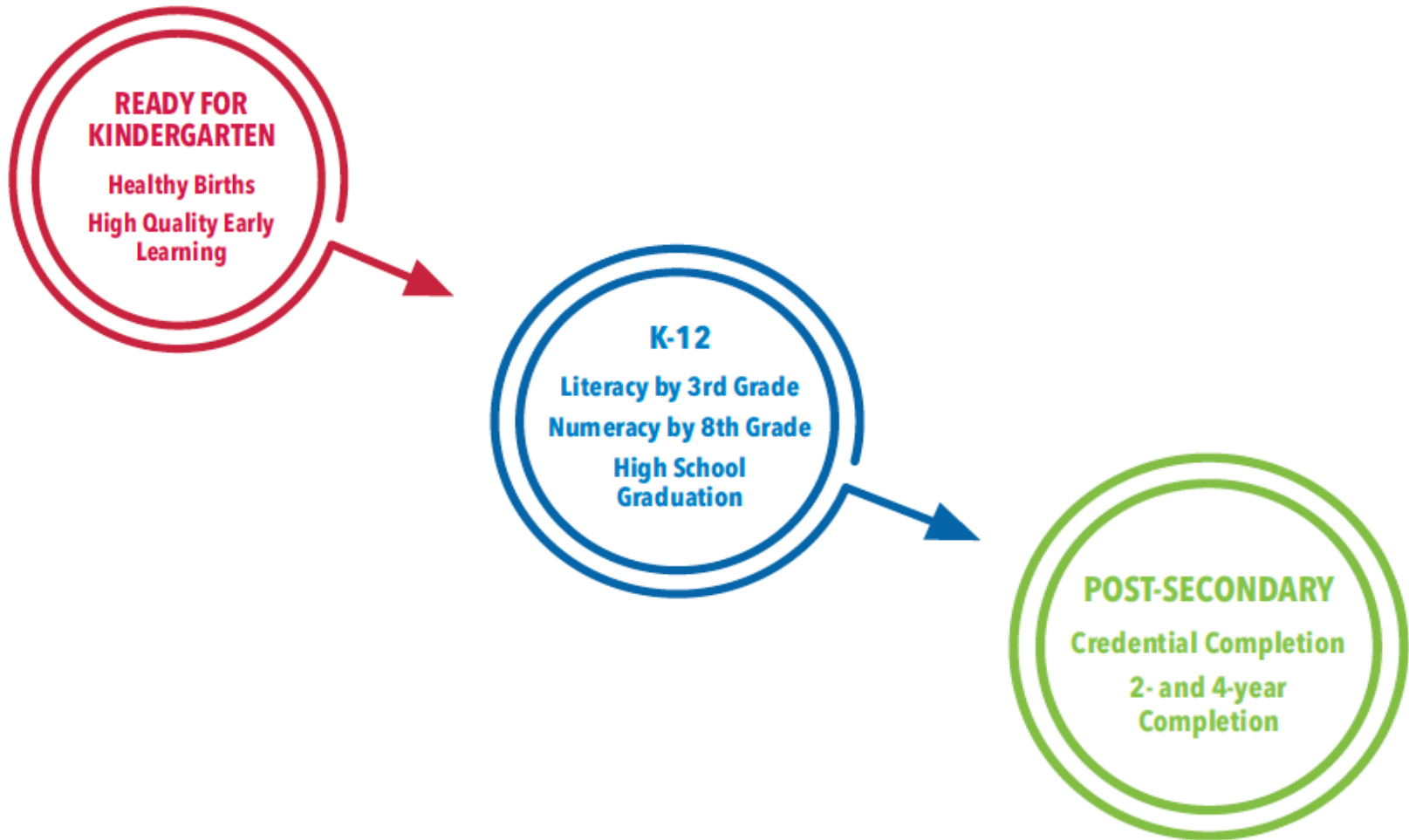
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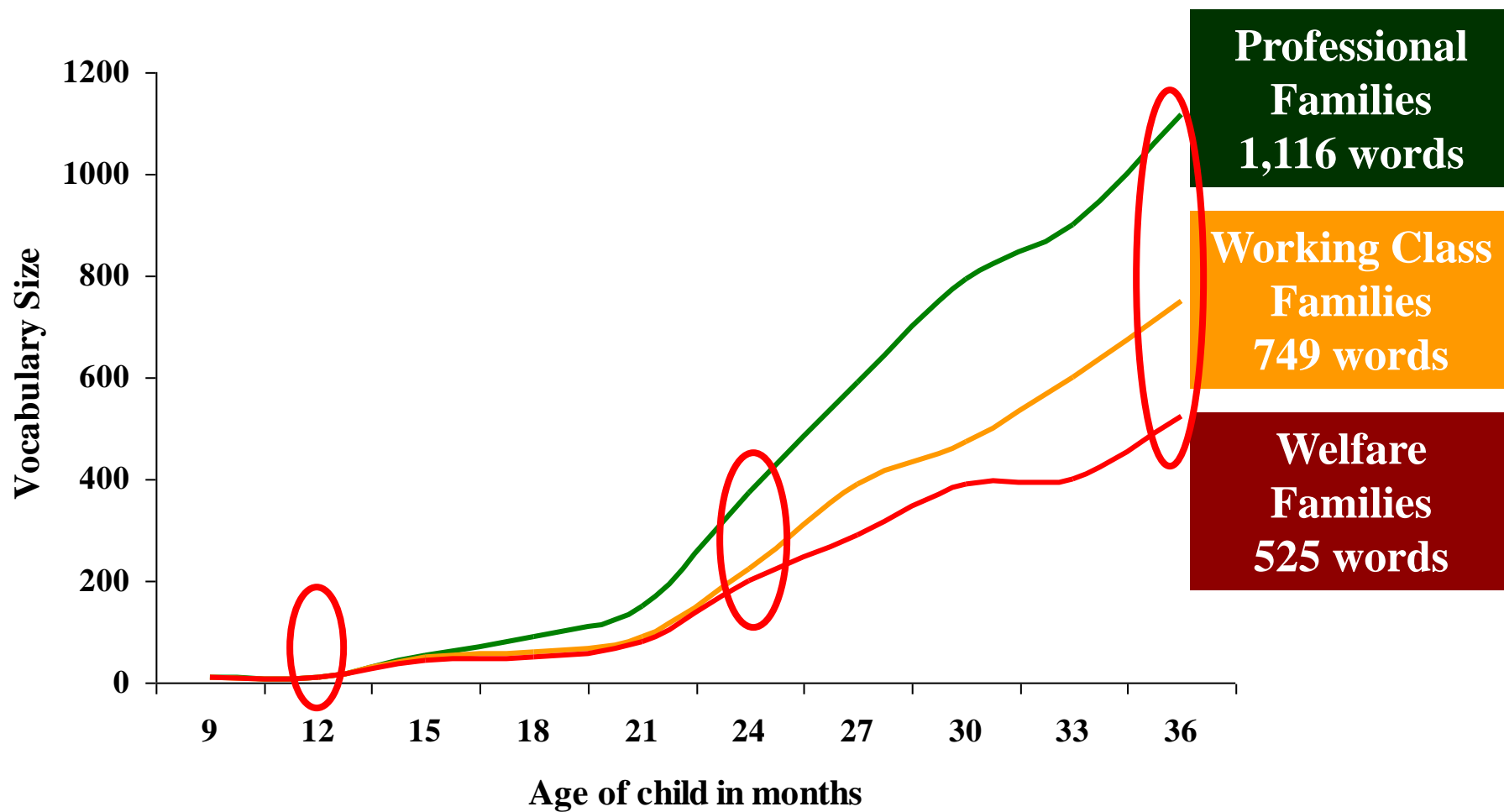
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# Strengthening the Birth to Work Pipeline



# Disparities in Early Vocabulary Growth



A woman with long brown hair, wearing a dark sweater, is shown from the chest up. She has a surprised or concerned expression on her face, with her mouth slightly open and eyes wide. She is holding a small, colorful object (possibly a toy or a piece of food) in her hands. In the background, a person wearing a light blue shirt is partially visible. The setting appears to be an indoor room with a wooden door and a black chair.

## The "Still Face" Experiment

# Essential Elements of High Performing States

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**Foundations for Learning**

**Quality Teaching**

**Quality Leadership**

**Advanced Instructional Systems**

**Pathways to Post-Secondary Success**

**Supportive Learning Environments**

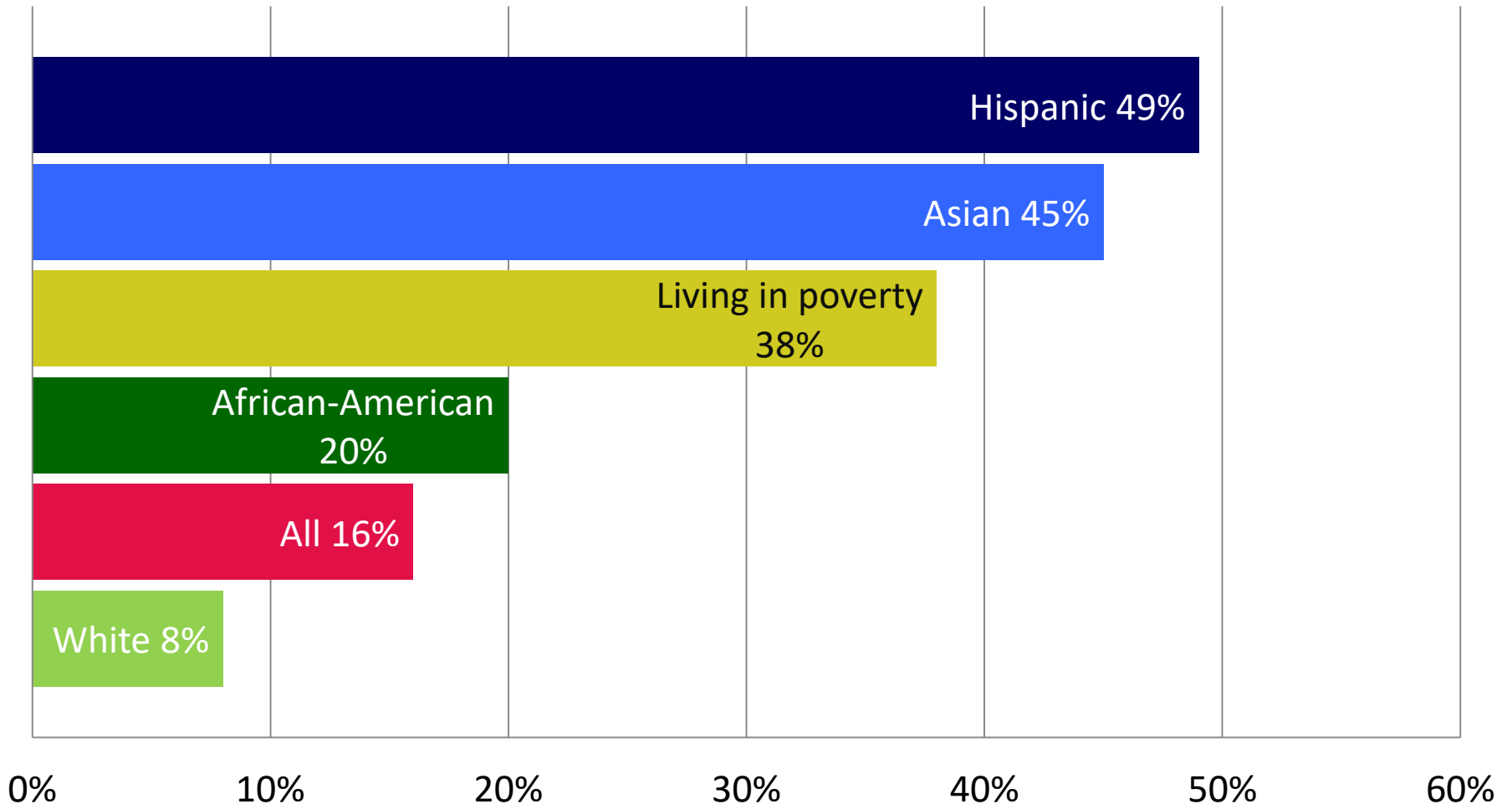
**Adequate and Equitable Funding**

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# The Changing Face of Georgia

2001-2010: Percent Population Increase



# Achievement Gaps

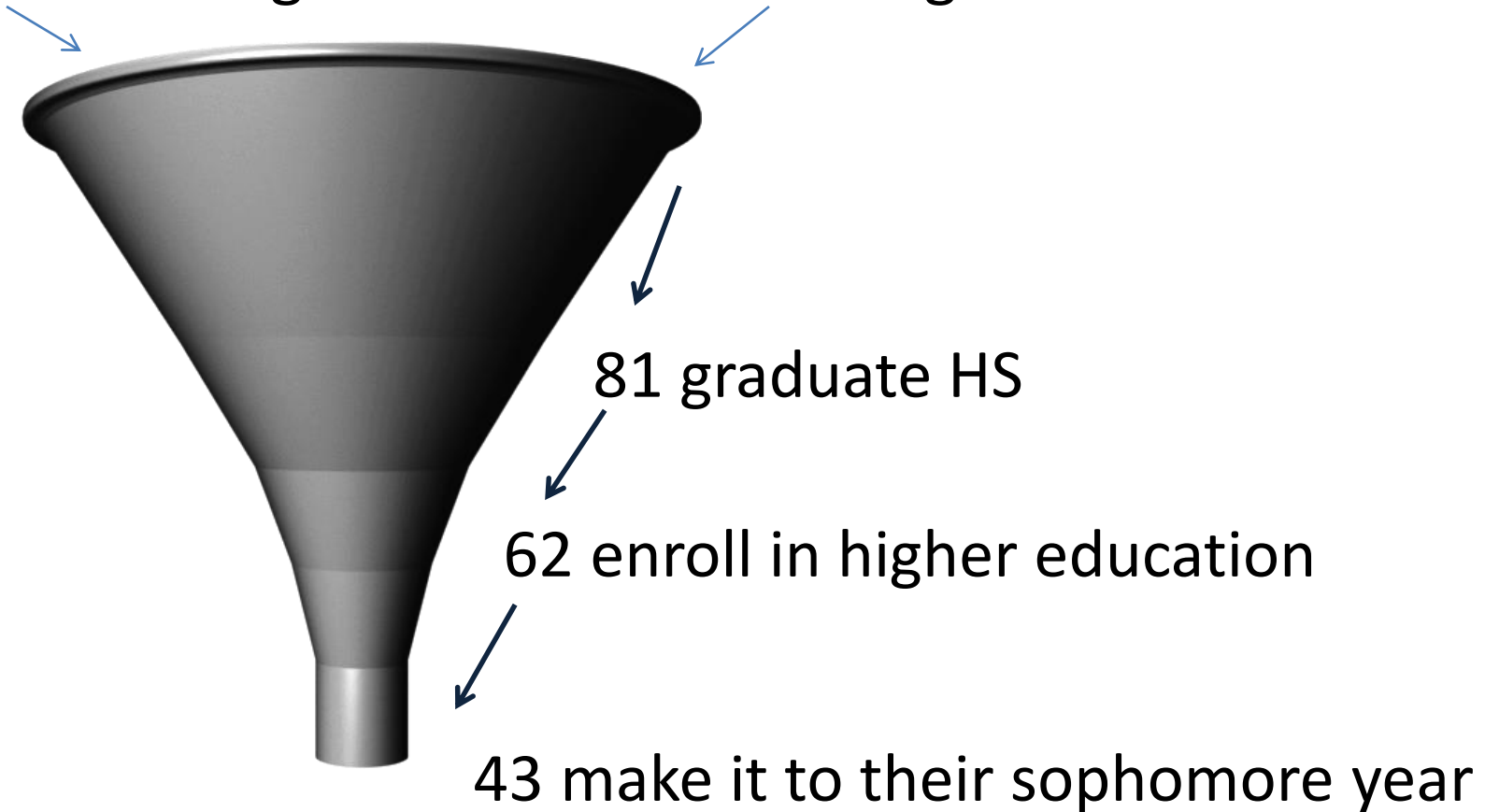
	4th Grade Reading*	8th Grade Math*	HS Graduation**
All Students	35%	31%	81%
Low-Income	25%	20%	76%
English Language Learners	10%	4%	59%

\*Source: National Assessment of Educational Progress, 2017 Percent of students proficient and above

\*\*Source: Governor's Office of Student Achievement Report Cards, 2017 High School Graduation Rate

# The Missing 57%

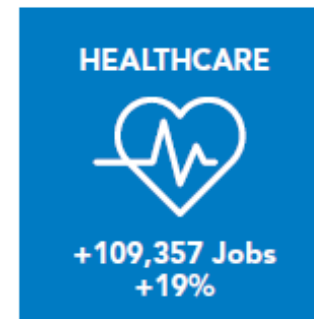
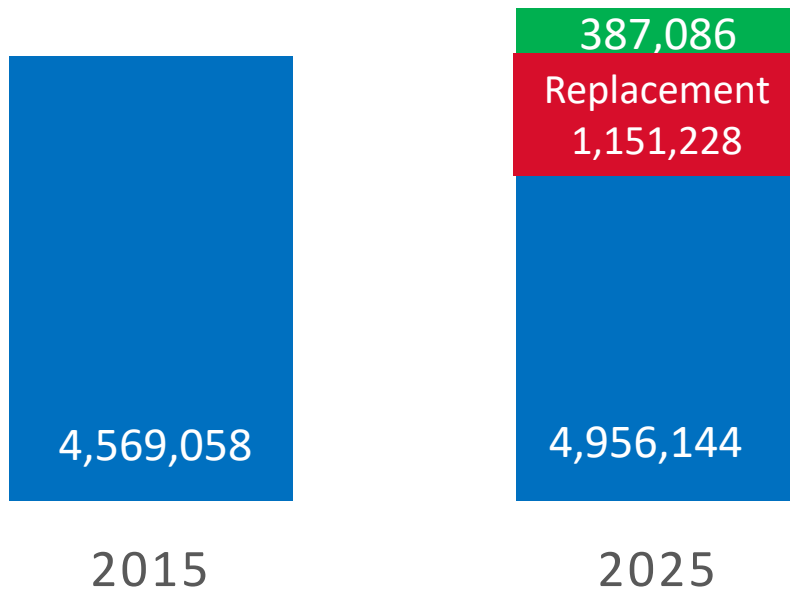
100 Georgia 9<sup>th</sup> Graders Enter High School!



Source: Ga DOE data for 2016-2017 school year; projections by Atlanta Regional Commission

# Georgia's Economic Development Needs

## JOB CHANGE 2015-2025



## TOP GROWING INDUSTRY SECTORS 2015-2025 PROJECTIONS

**Georgia is experiencing a talent gap. This talent gap is a mismatch between degrees and skills needed by employers versus the degrees and skills of the population.**

# **Georgia Needs: The Economic Development Pipeline**

**60%** of jobs in 2020 will require some higher education

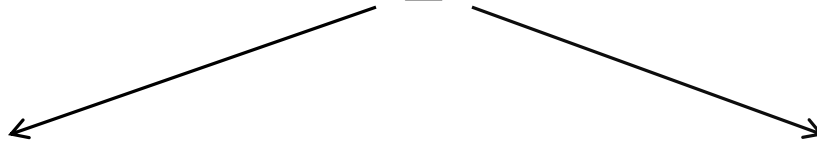
**48%** of Georgians currently have a post-secondary degree

**Goal:  
250,000 new graduates by 2025**

# Georgia's Future Workforce

1. Increasing academic rigor and expectations
- +
2. Changing demographics
- +
3. Increasing demand for highly skilled labor force

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**Perfect Storm?**

**Positive Collective  
Impact?**

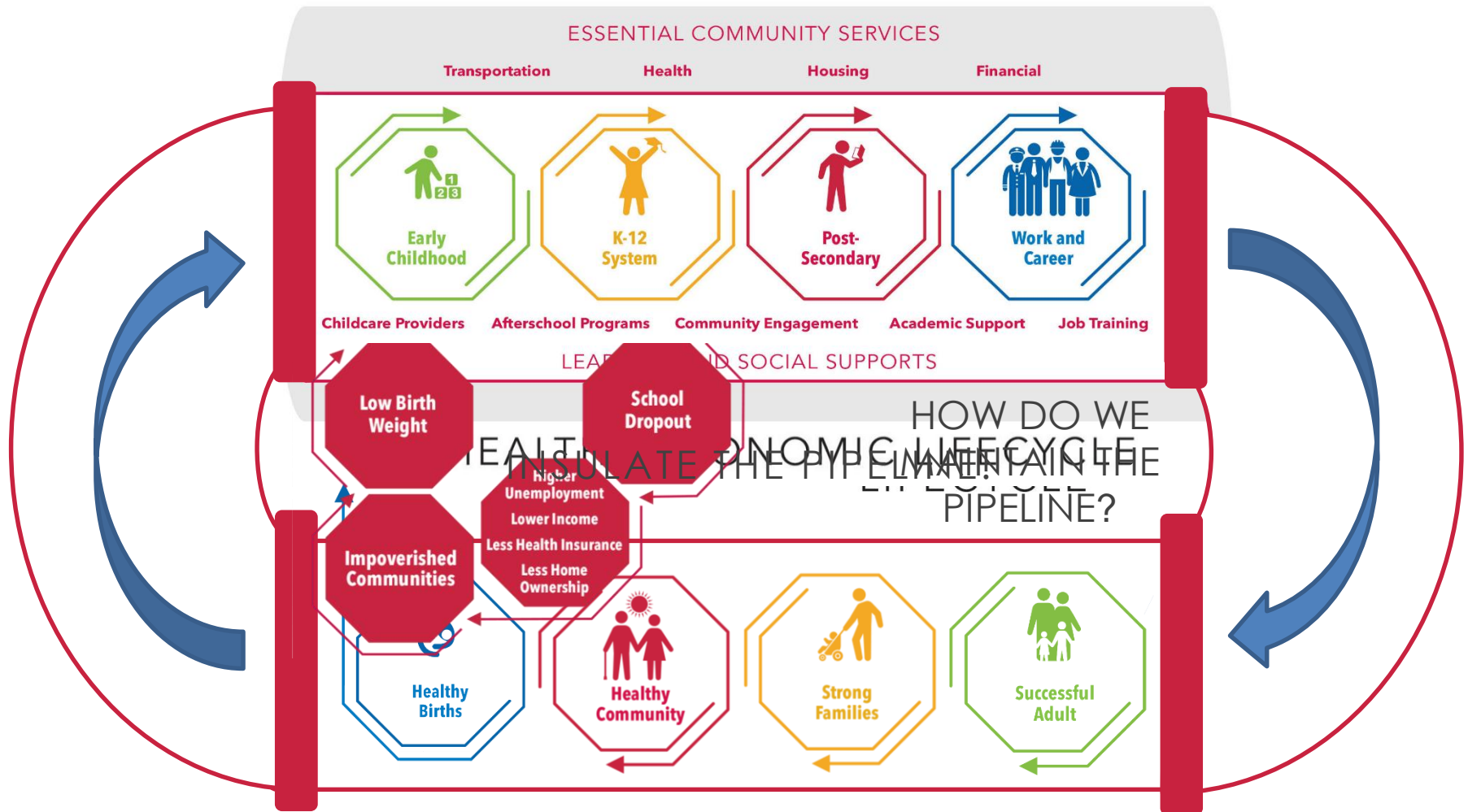
**What Can We Do?**

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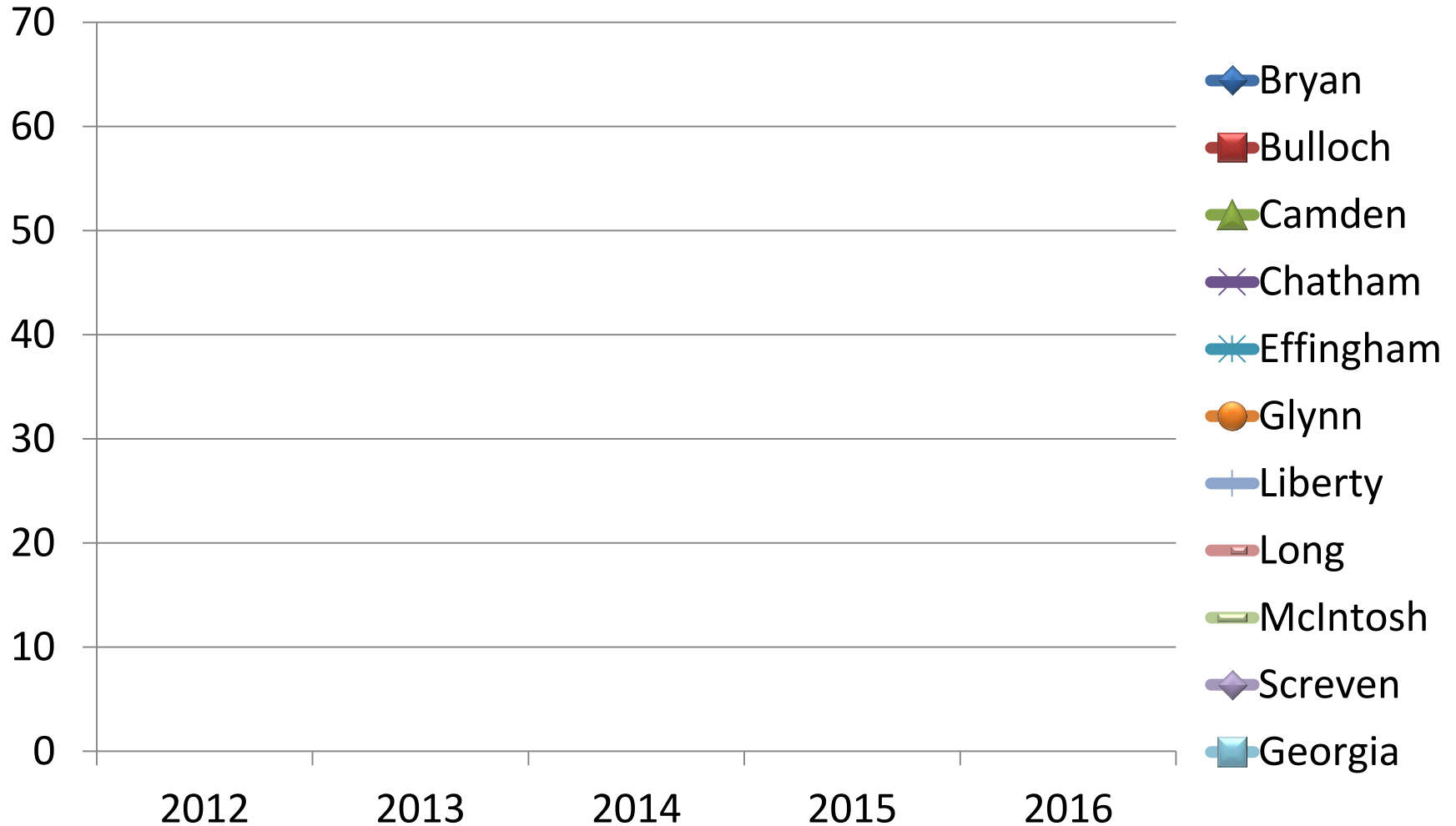
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# Economic Lifecycles

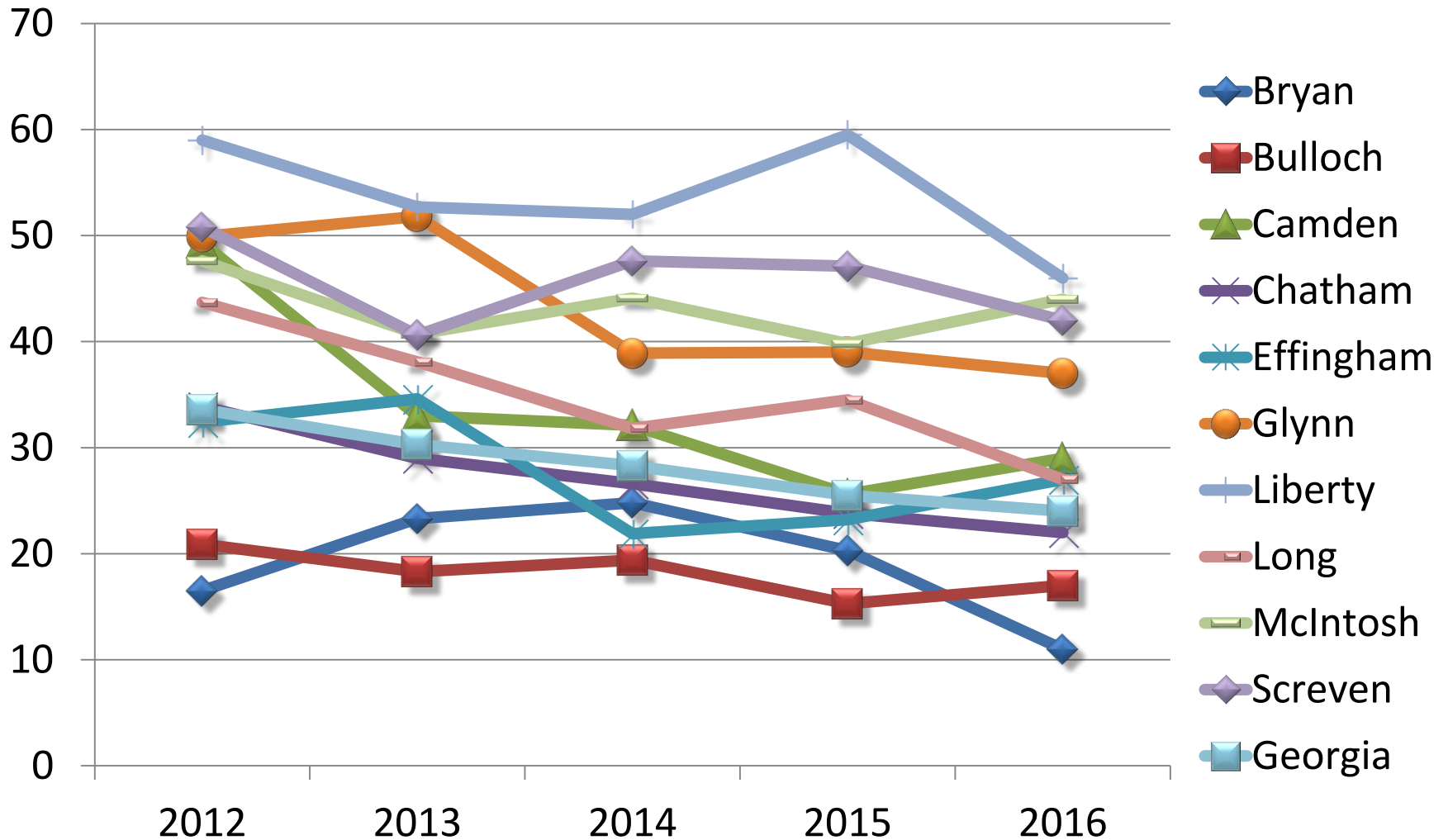




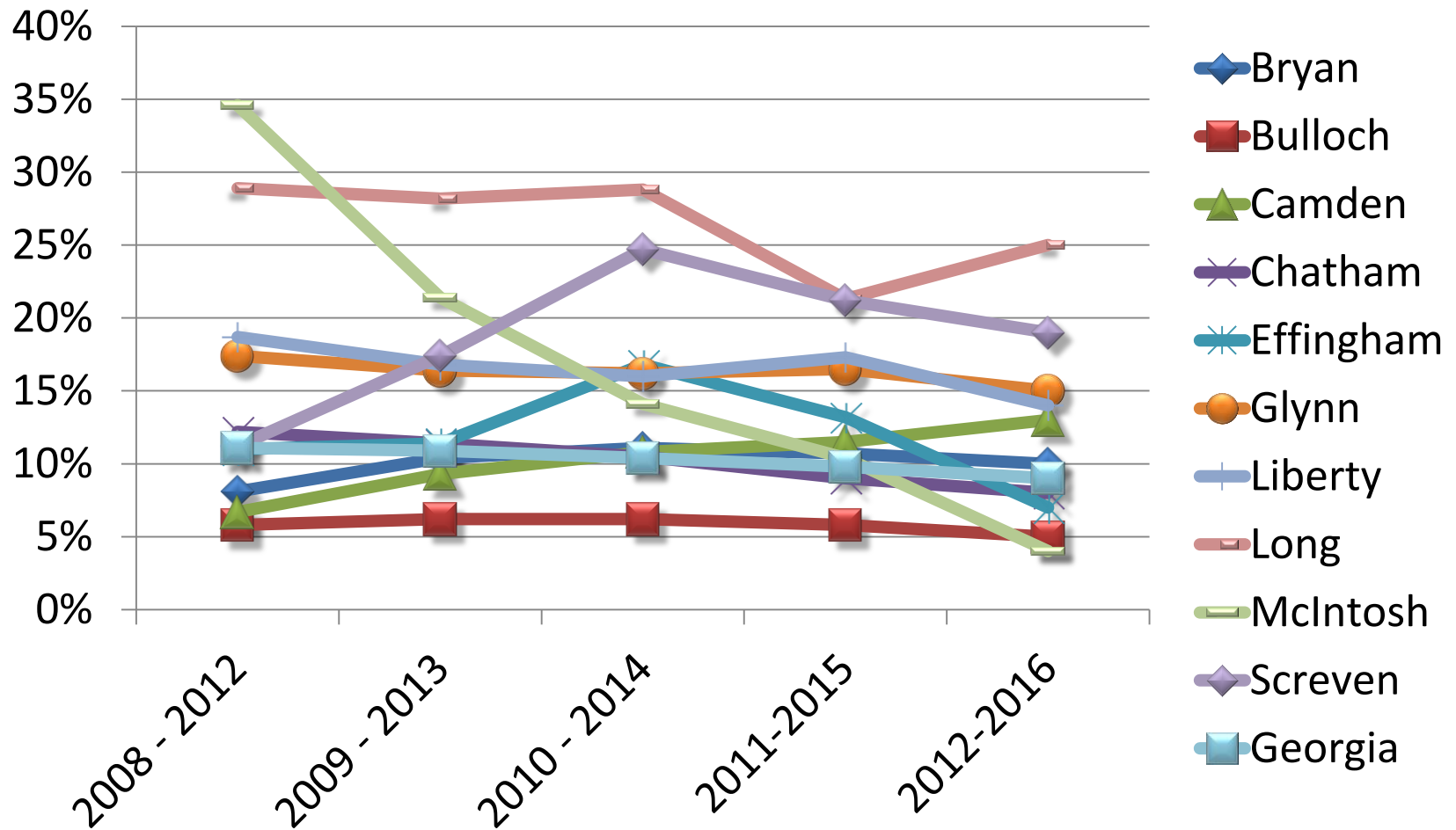
# Profile of Child Wellbeing and Academic Achievement



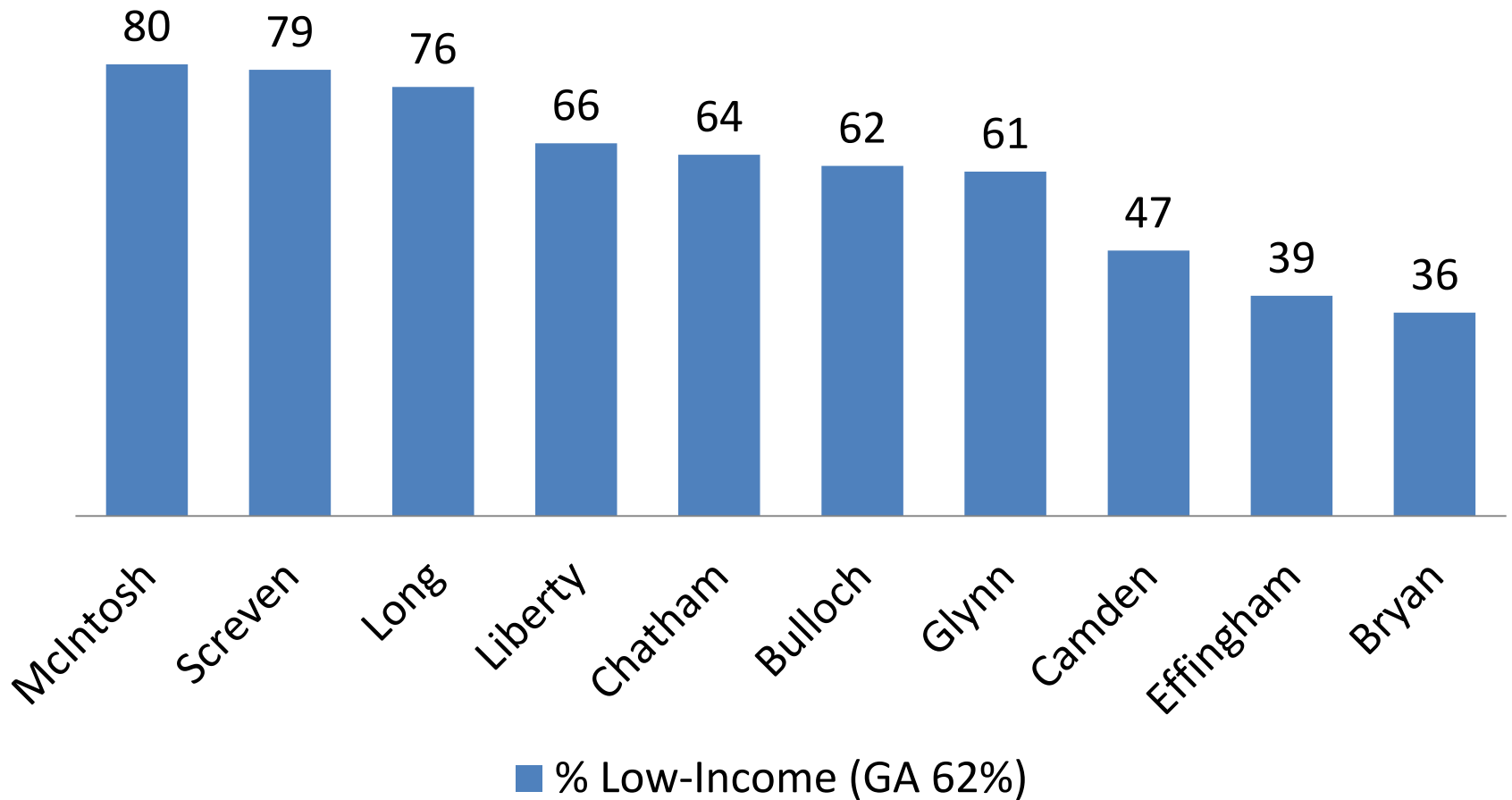
# Teen Birth Rates Per 1,000



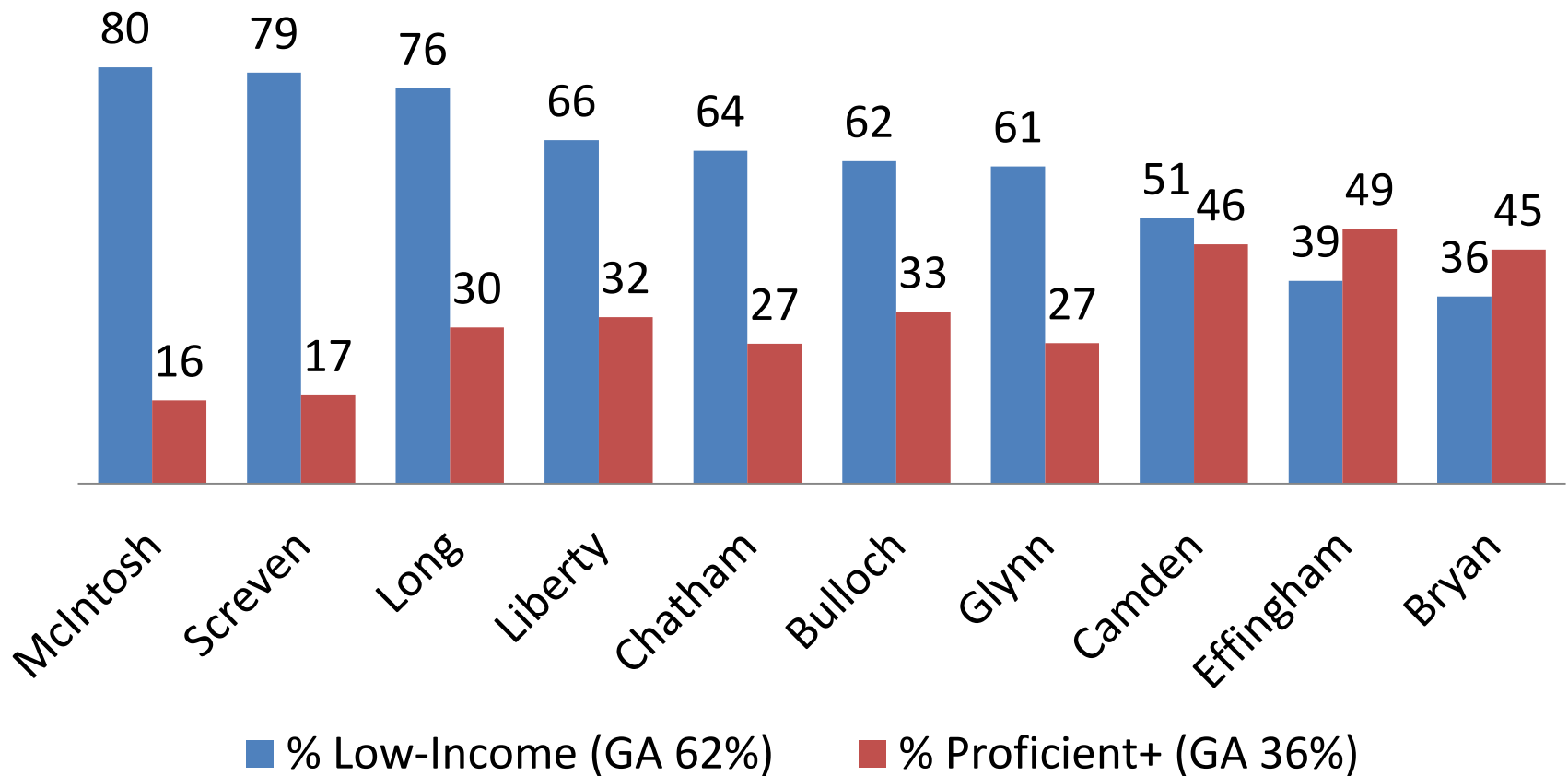
# Percent Teens Not Working or in School



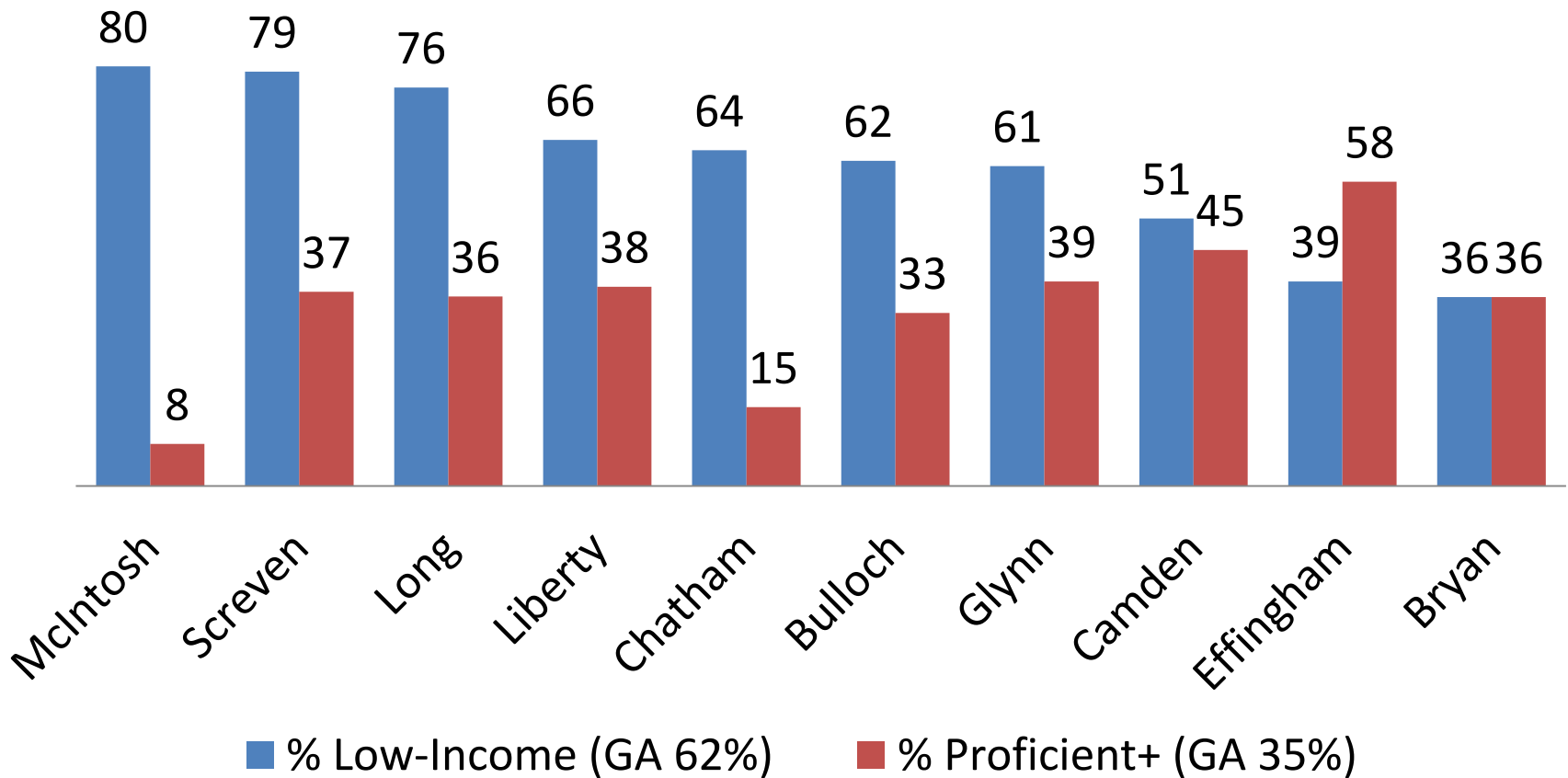
# Percent Low-Income by School District



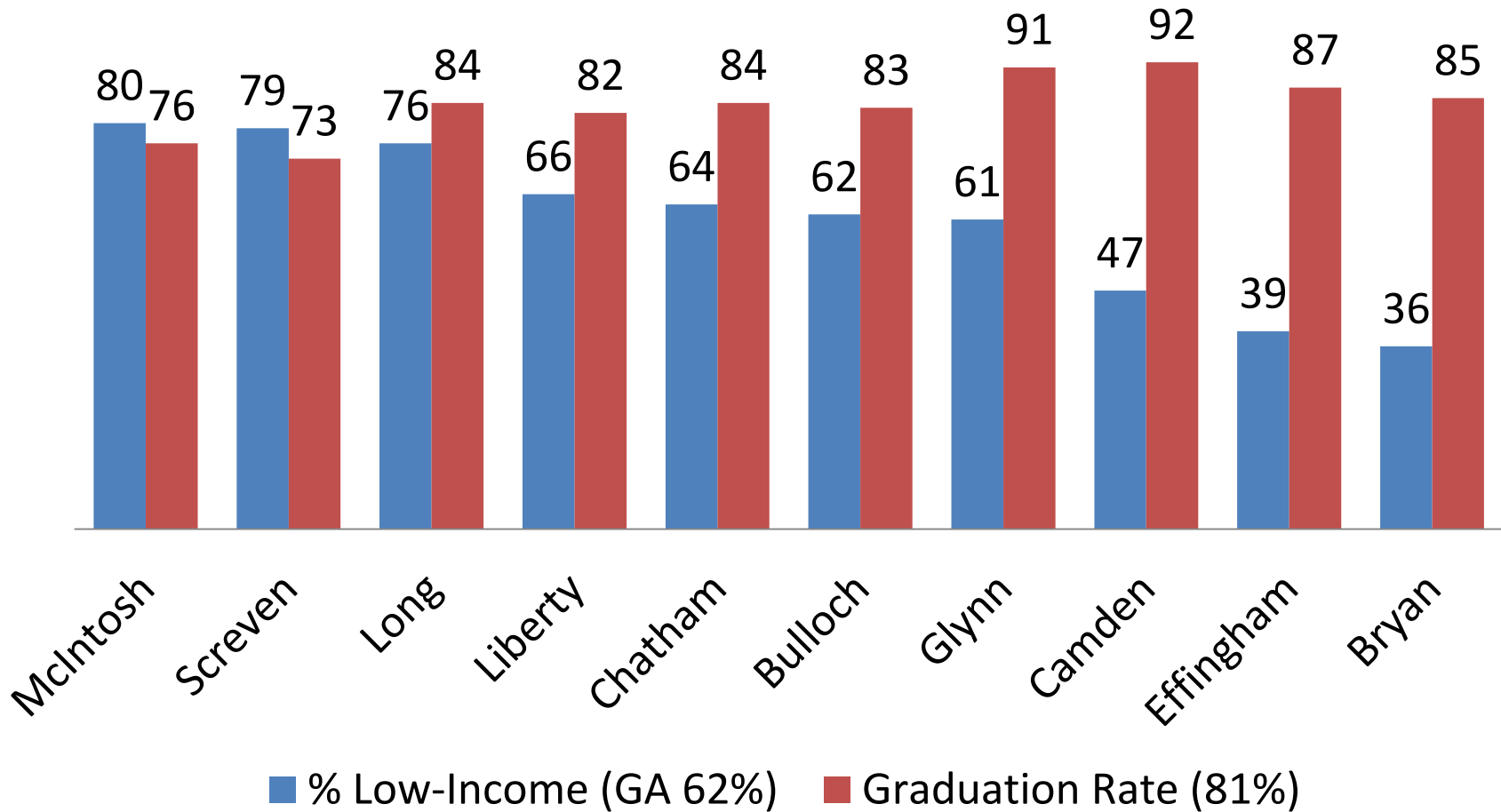
# Percent Low-Income and Proficient + Distinguished 3<sup>rd</sup> Grade English Language Arts



# Percent Low-Income and Proficient + Distinguished 8th Grade Math



# Percent Low-Income and HS Graduation



■ % Low-Income (GA 62%) ■ Graduation Rate (81%)

Source: The Governor's Office of Student Achievement, State Report Cards. Georgia Milestones 2017

Note: Clay County Too Few to Count

# Help Insulate the Pipeline

## Early Childhood

Read to children every day: “Talk with Me Baby”  
Encourage participation of your early learning centers: “Quality Rated”

## K – 12 System

Support “Get Georgia Reading Campaign”  
Leverage partnerships with business and post-secondary – internships and mentoring  
Consider dual enrollment high school/college

## Post Secondary

Provide internships/ apprenticeships  
Participate and support: “Go Back. Move Ahead.”  
Promote adult literacy efforts



# Small Group Discussion

**Question  
#1**

**What are the strengths in your community?**

**Question  
#2**

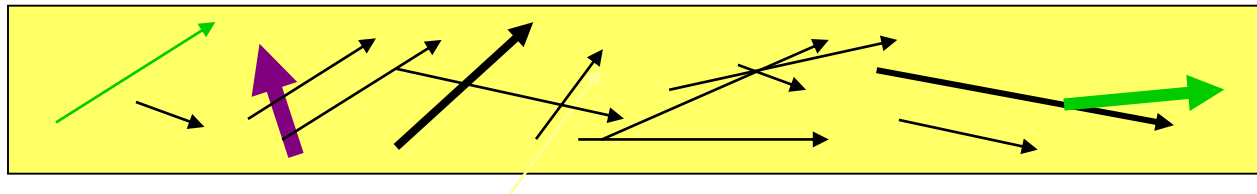
**What is a concern?**

**Question  
#3**

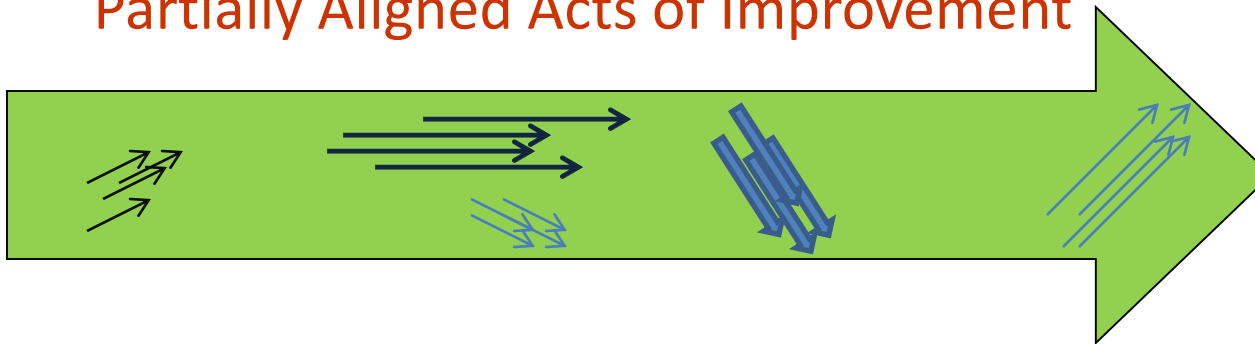
**What can you do?**

# Aligning Educational Strategies for Collective Impact

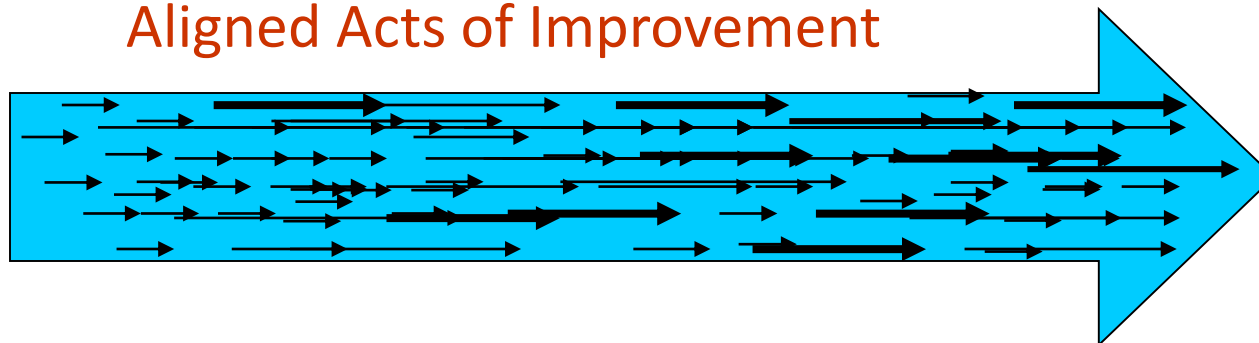
Random Acts of Improvement



Partially Aligned Acts of Improvement



Aligned Acts of Improvement

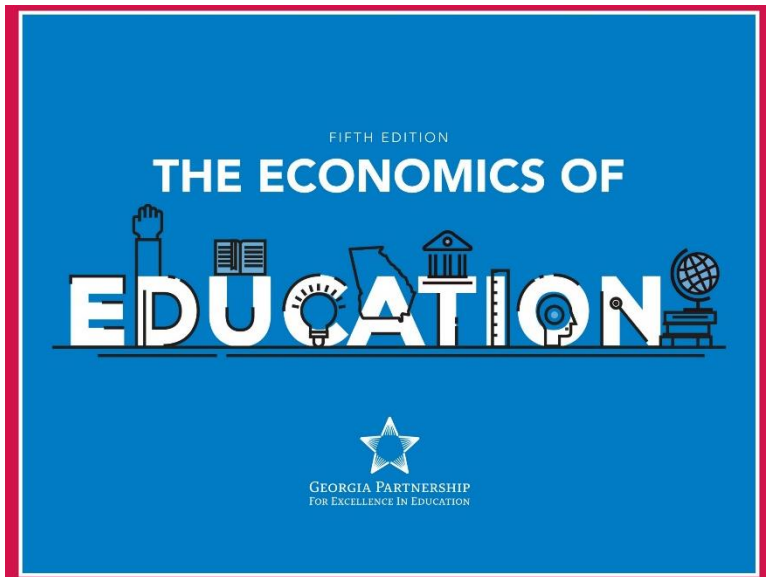


- **Gather data for your county**
- **Then...**

❖ **Convene**

❖ **Connect**

❖ **Commit**



## Connect with us

**Twitter:** @GAPartnership

**Facebook:** Georgia Partnership for Excellence in Education

**Instagram:** @GAPARTNERSHIP

**LinkedIn:** Georgia Partnership for Excellence in Education

**Website:** [www.gpee.org](http://www.gpee.org)

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