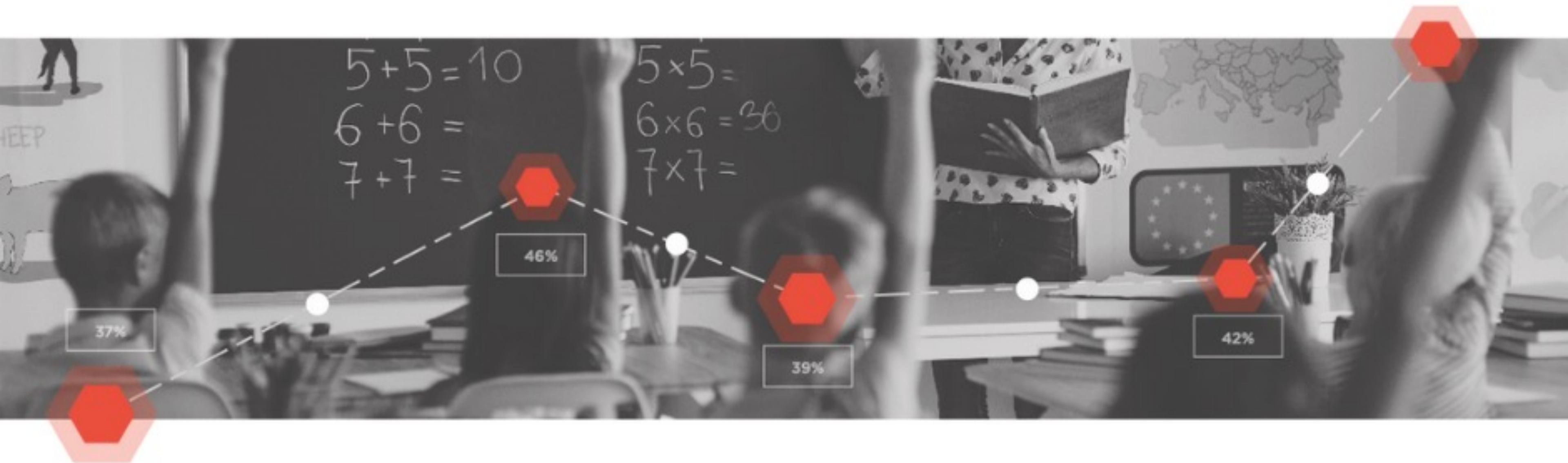




# PARCA

ANNUAL FORUM **2022**



# Realizing Our Potential

A Plan for Reading and Math in Alabama

**Welcome**

**David Donaldson**

**PARCA Board of Directors**



**Public Affairs  
Research Council  
of Alabama**

# A Once and Future Success Story?

PARCA Annual Forum  
March 11, 2022

Ryan Hankins  
Executive Director



# FORGING ALABAMA'S FUTURE:

Improving Educational Attainment  
and Workforce Development







**BUSINESS  
EDUCATION  
ALLIANCE**

# Forging Our Future: A Checklist For Success

- ☐ Achieve universal access to Pre-K by 2026, while maintaining highest in the nation standards.
- ☐ **Ensure all children are reading on grade level by the end of third grade by Spring 2023. Return Alabama to the national average in reading on NAEP by 2026.**
- ☐ **In 2022, develop and launch a research-based strategic initiative to bring math achievement to the national average on NAEP by 2026. Provide the resources to pay for the teacher education and support needed to implement.**
- ☐ Eliminate the gap between high school graduation and college and career readiness. Every student graduates with a valuable career-building credential or with demonstrated readiness for college success.







We've Made  
Great Progress





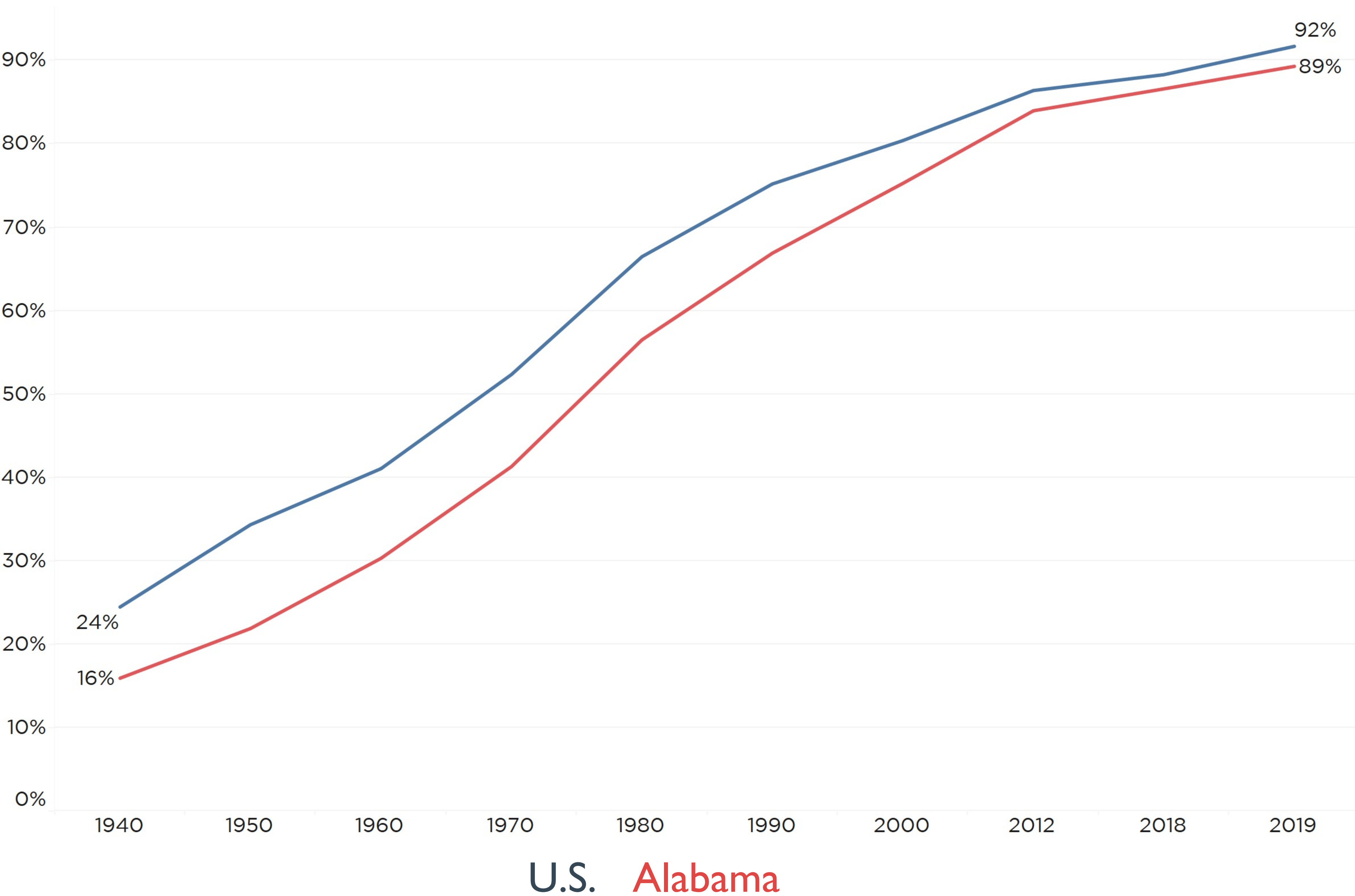
89%



92%

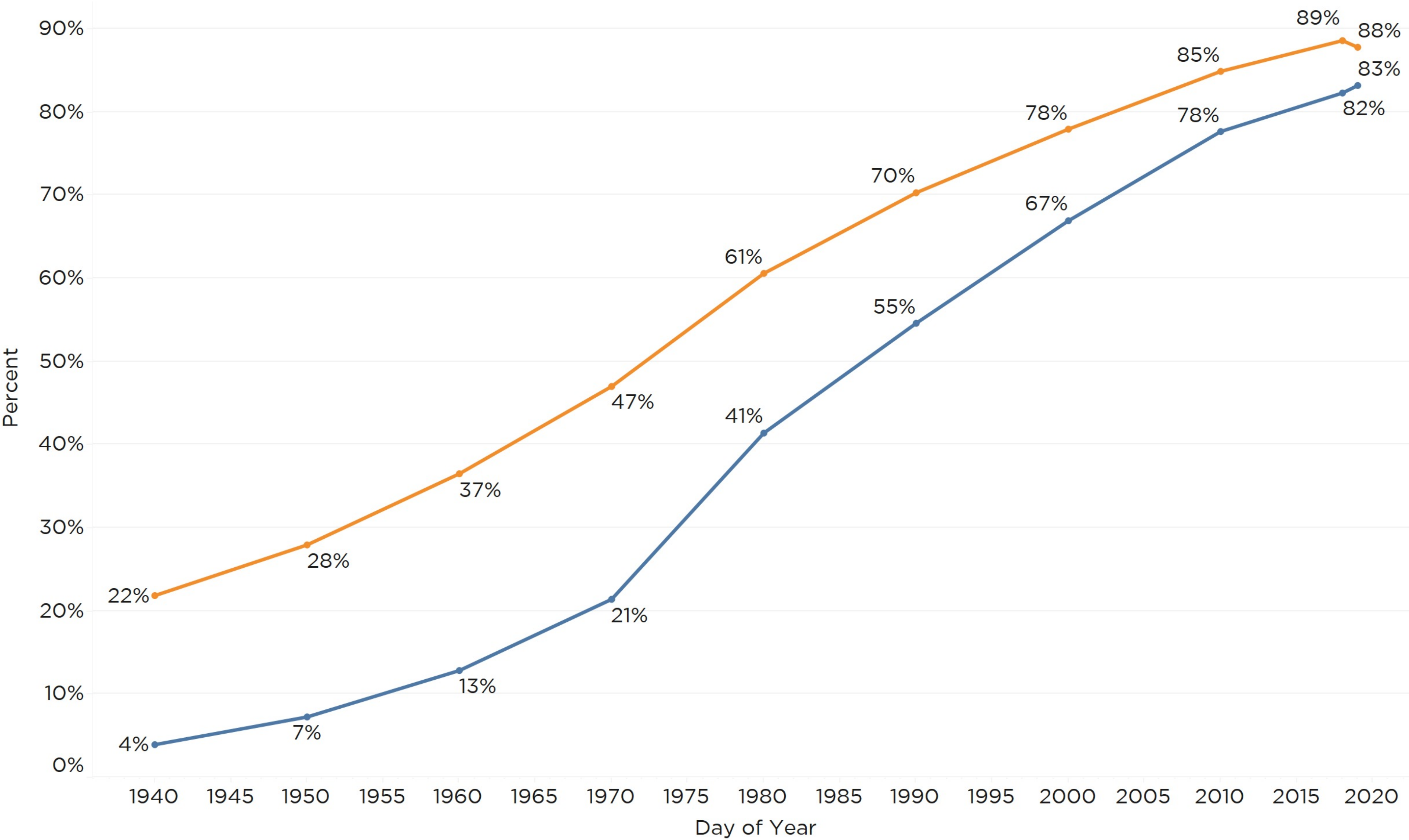
Population with a high school degree

# Attainment: High School Degree

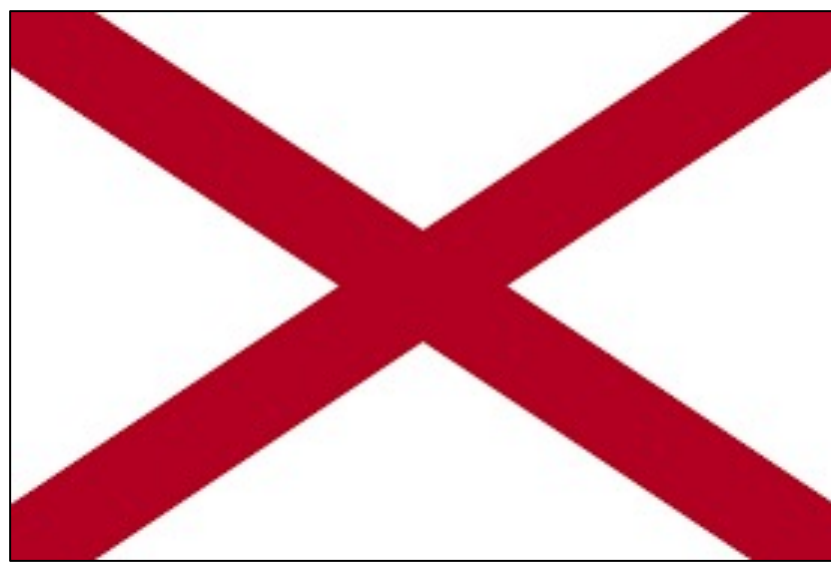




# Alabamians with a High School Degree: Black & White



Black White



26%

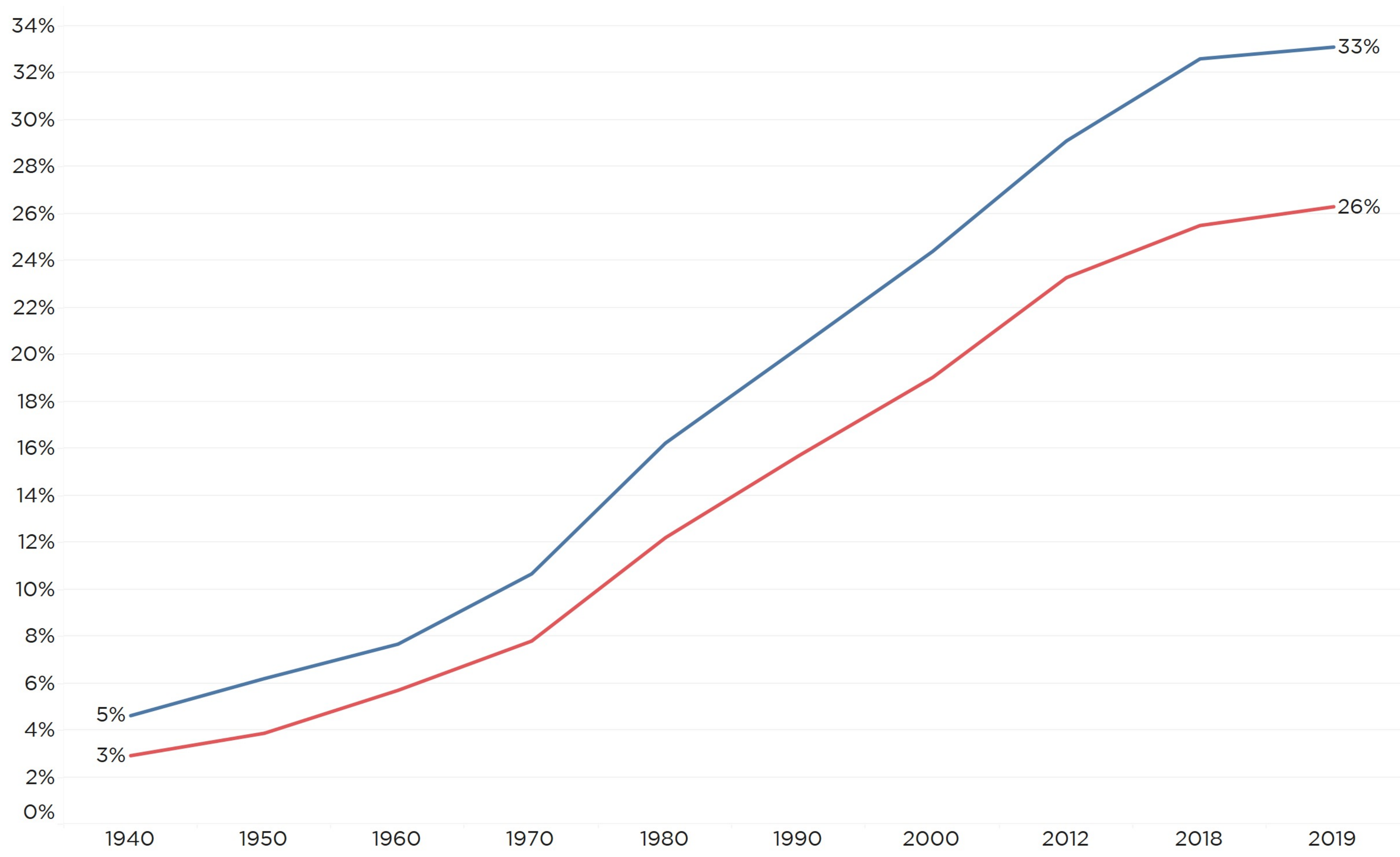


33%

Population with a college degree

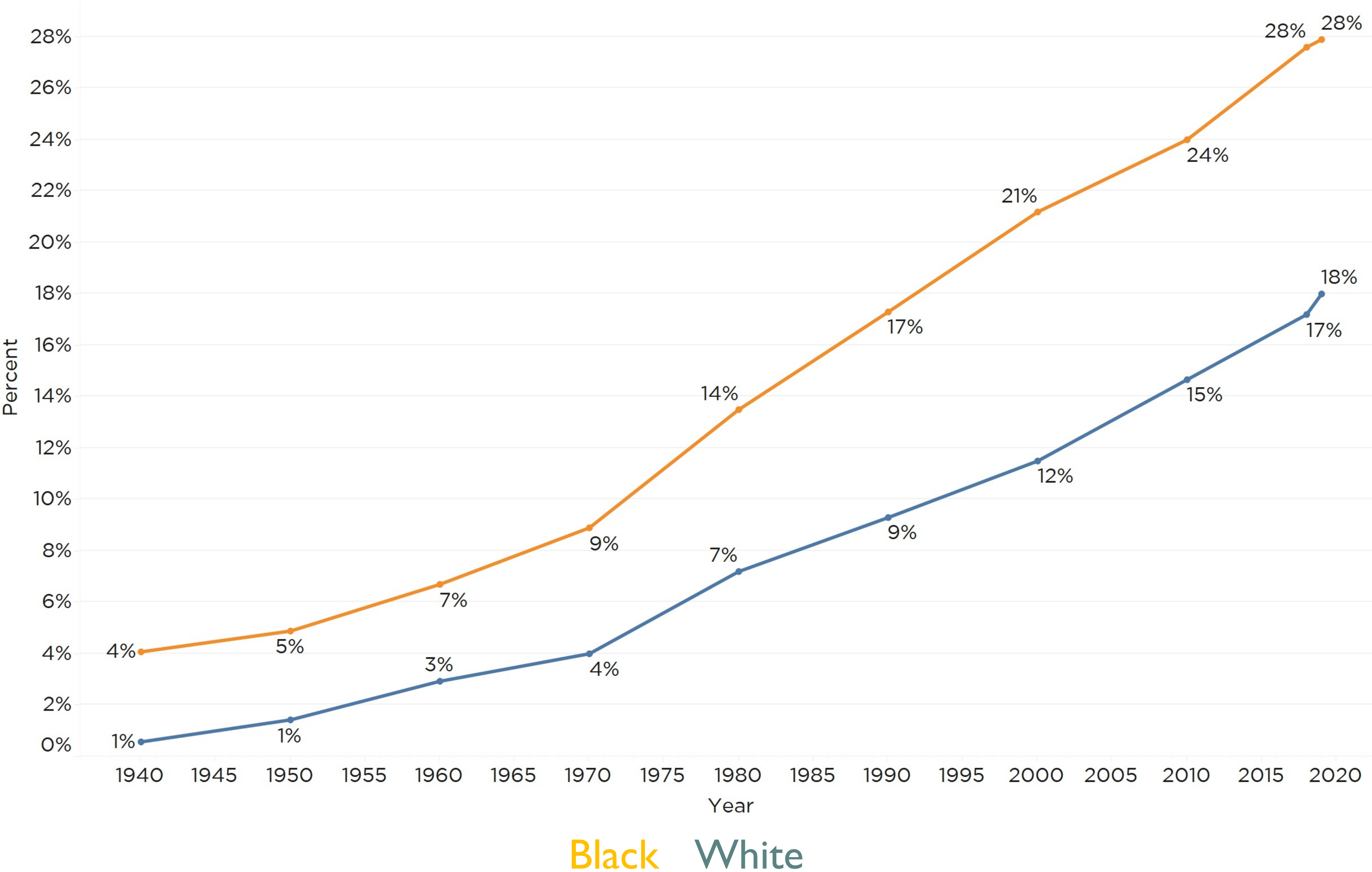


# Attainment: College Degree



U.S. Alabama

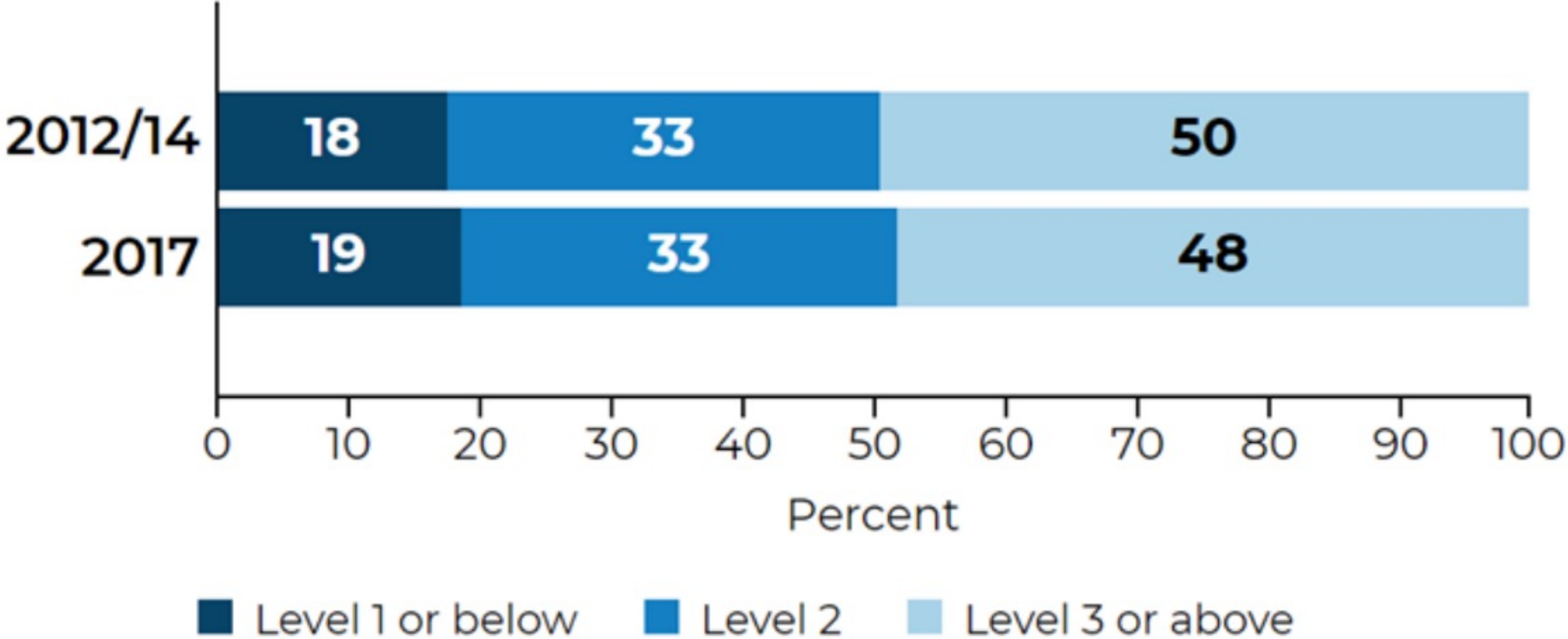
# Alabamians with a College Degree: Black & White



# Literacy in Alabama

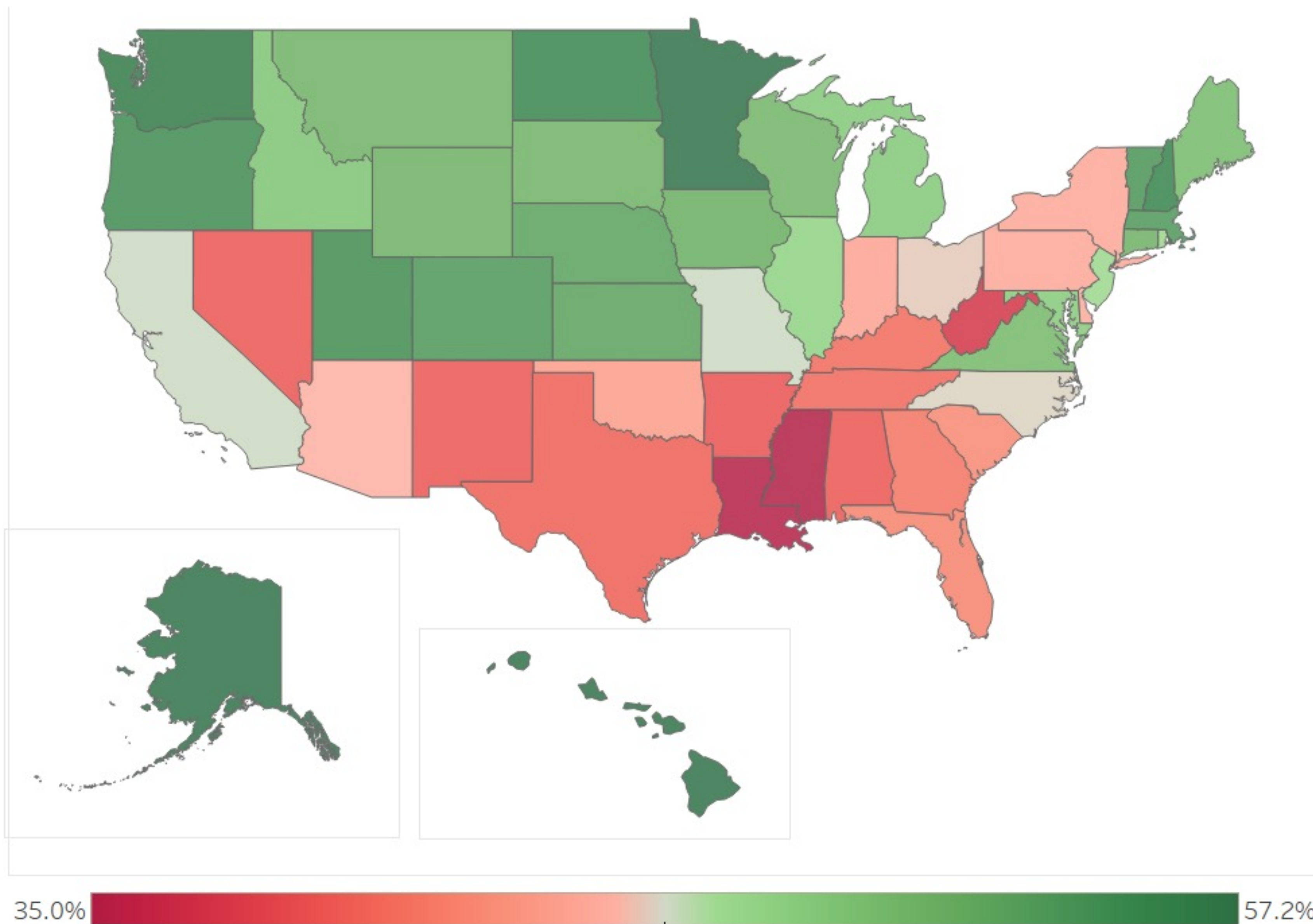


# Literacy: Adults 16 to 65



NCES: Percentage distribution of U.S. adults age 16 to 65 at selected levels of proficiency on PIAAC literacy: 2012/14 and 2017

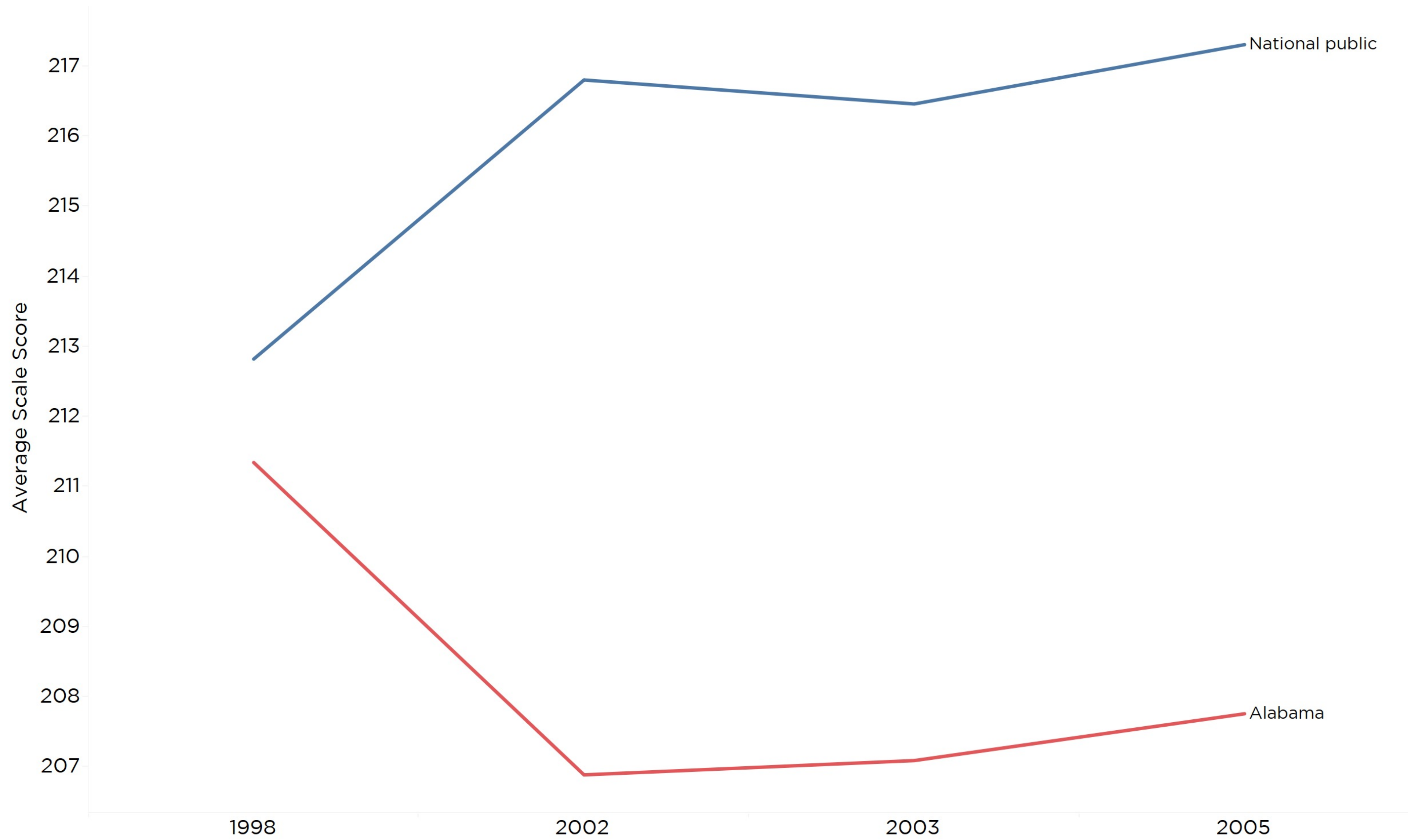
# Literacy: Adults 16 to 65







# NAEP Reading Scores: 1998 to 2005



Past Efforts

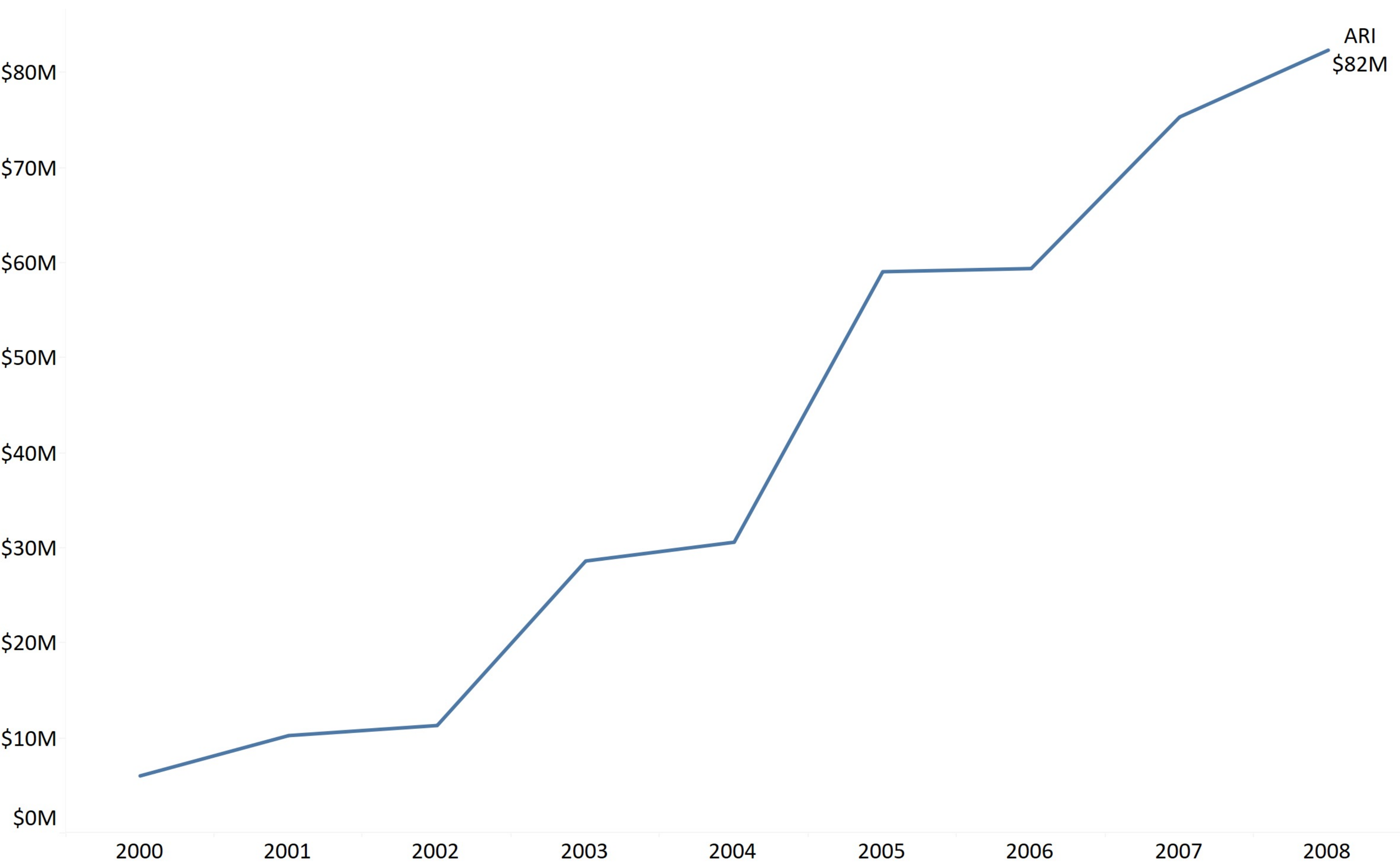


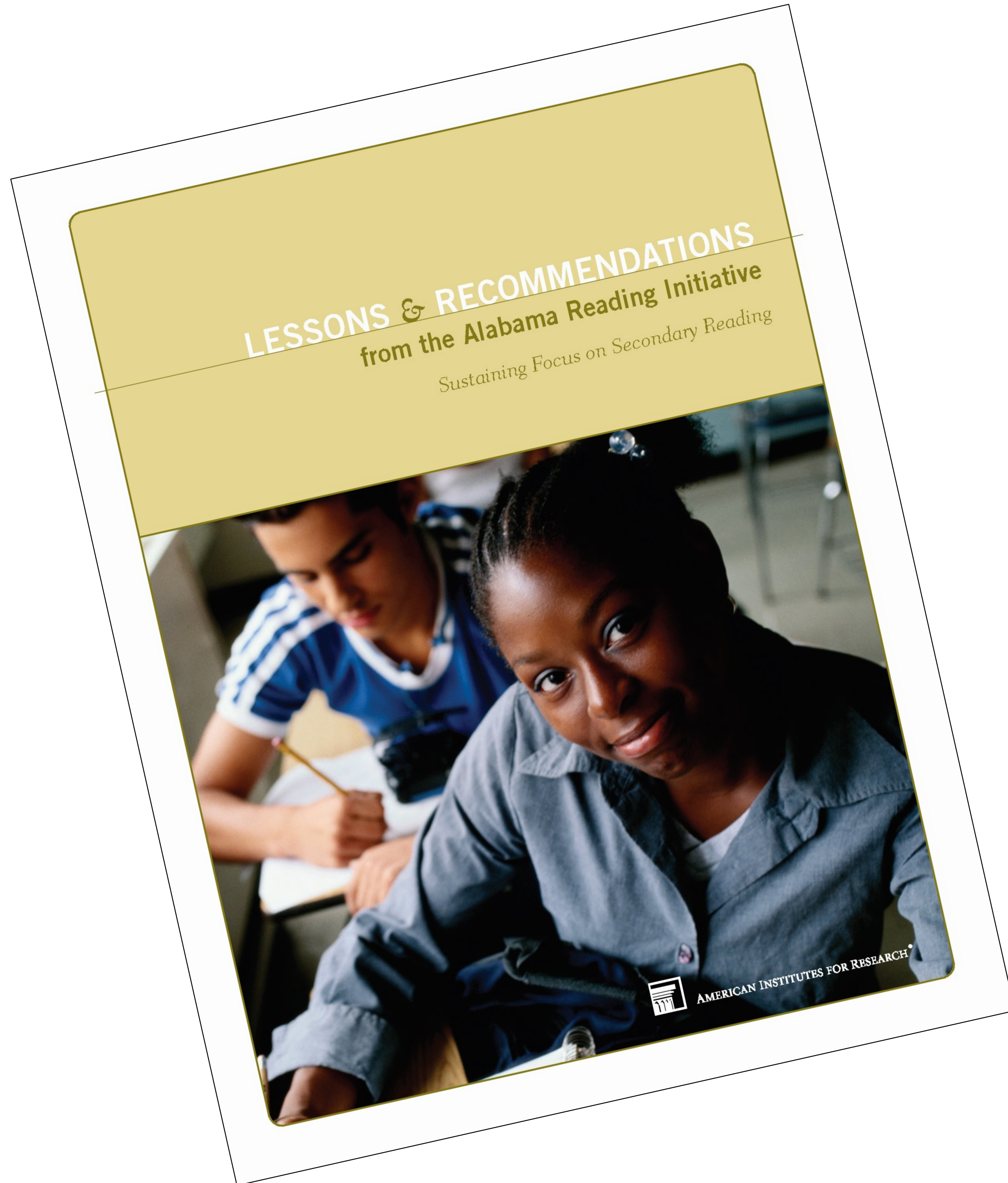






# ARI Funding: 2000 to 2008

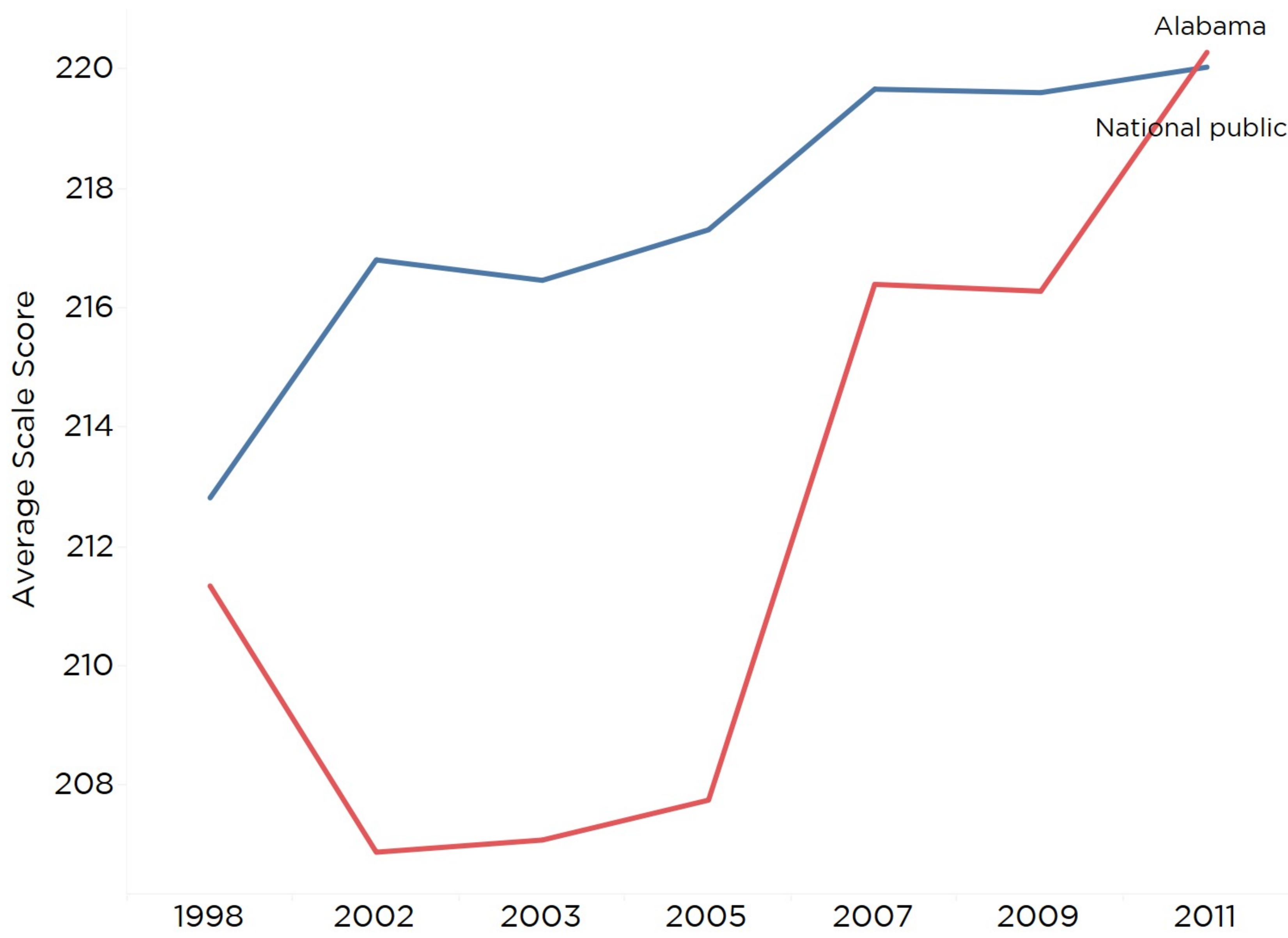




 AMERICAN INSTITUTES FOR RESEARCH



# NAEP Reading Scores: 1998 to 2011





vided

\$517.5

\$499.2

anies

\$246.0

\$244.5

(21.9)

(17.3)

15.1

17.1

(159.4)

(122.4)

(40.9)

(180.9)

(154.4)

(159.1)

(83.5)

(11.2)

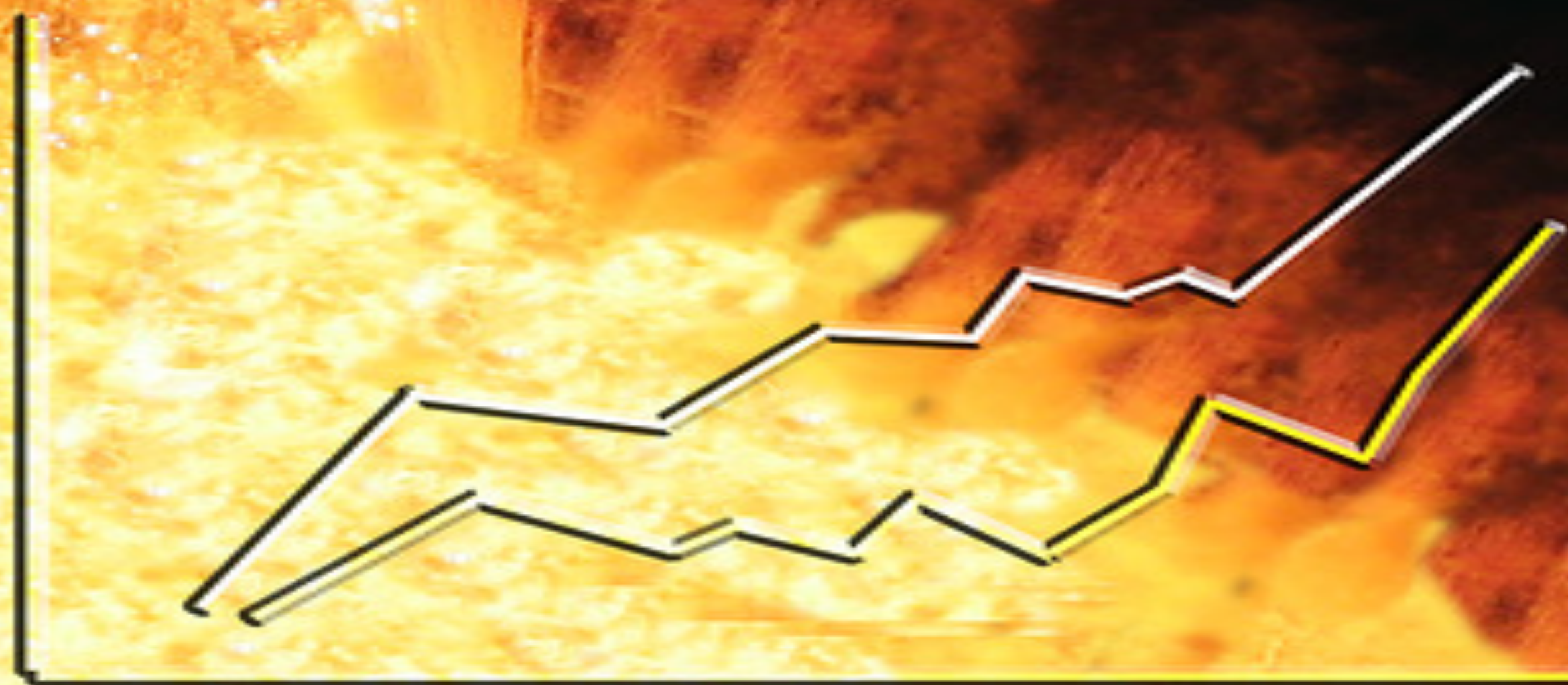
(237.9)

(159.1)

25.1

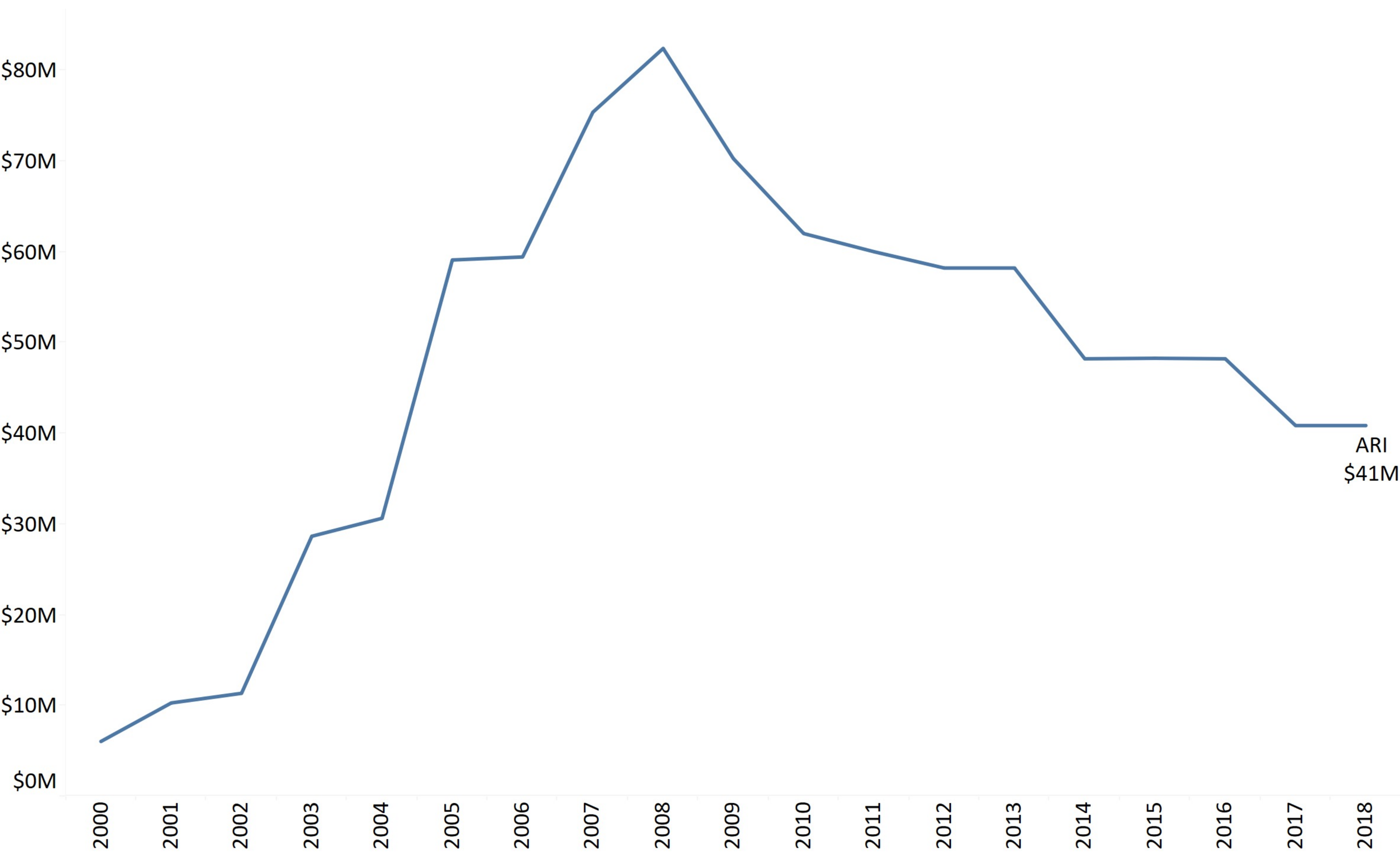
299.3

11.2

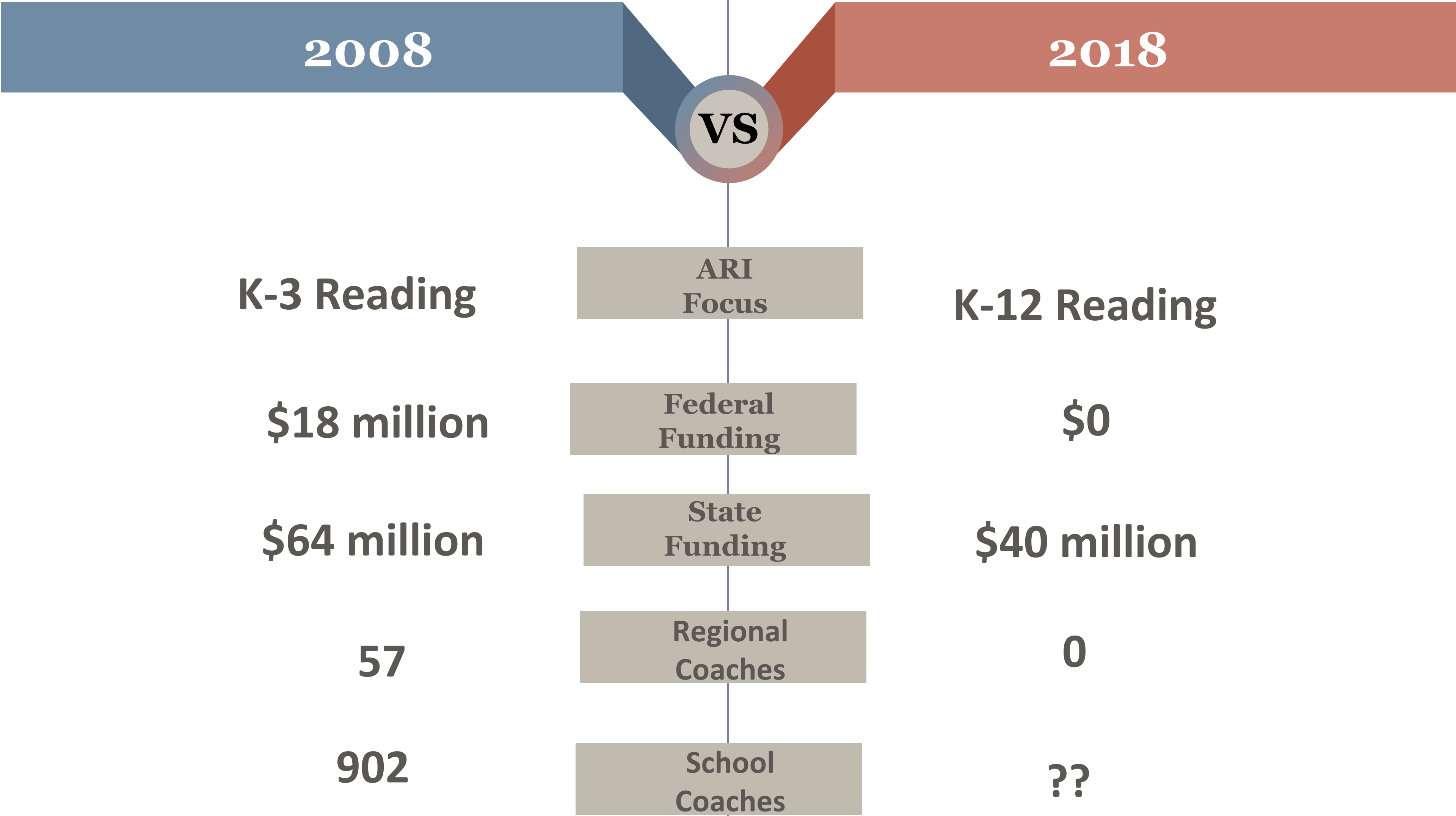




# ARI Funding: 2000 to 2018



ARI Devolution

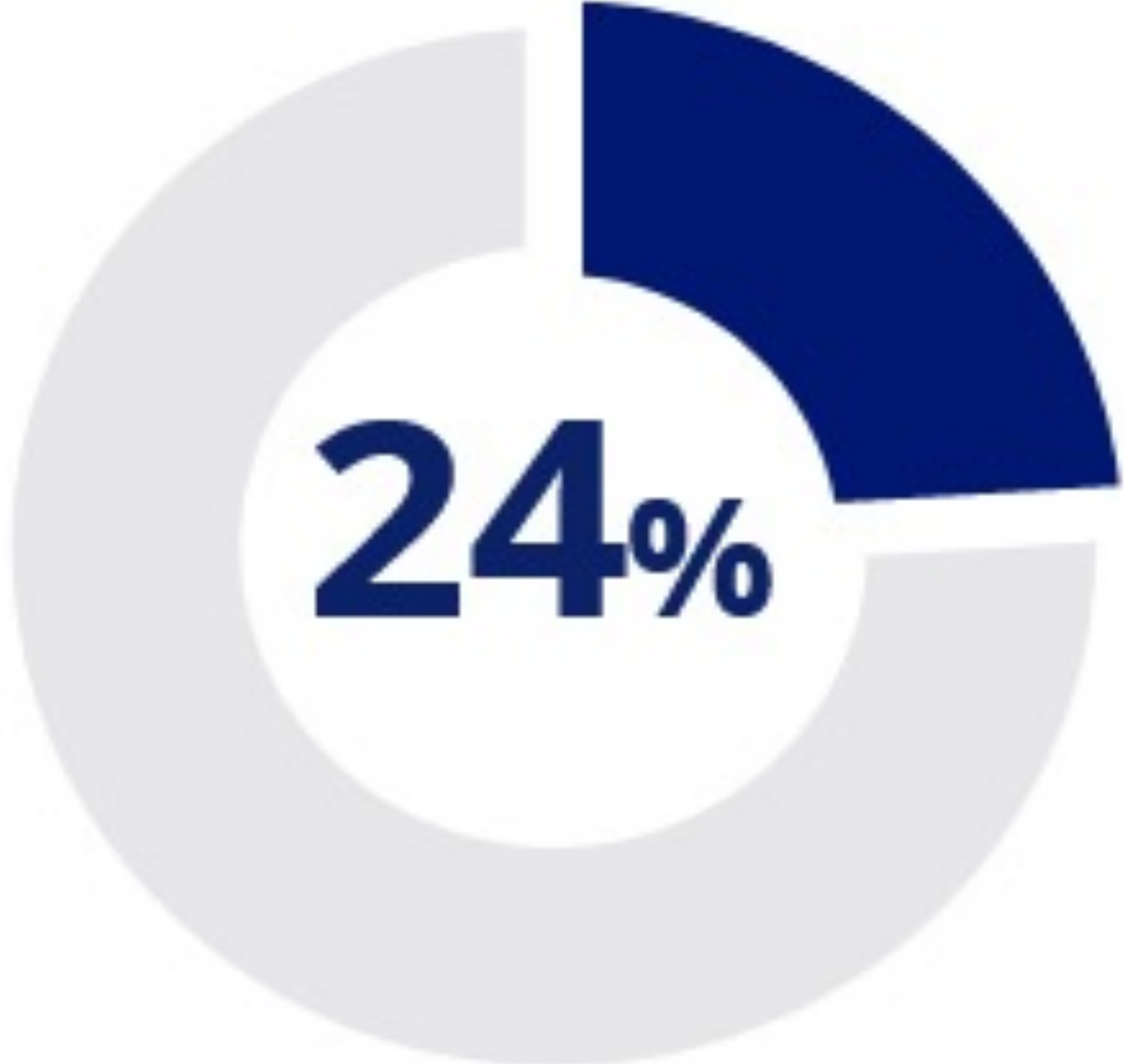
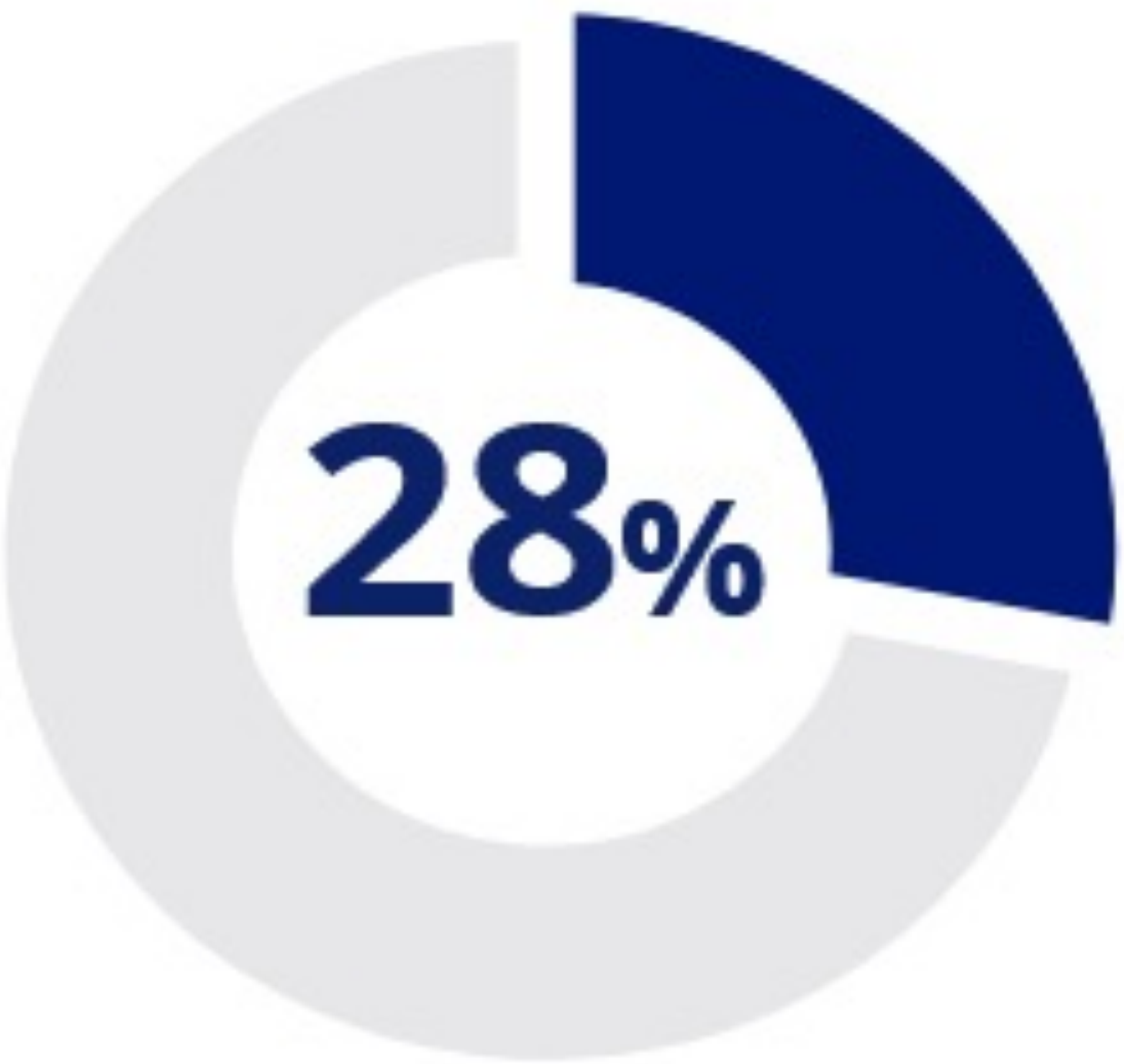




# NAEP Reading Scores: 1998 to 2019



NAEP 2019 Reading Proficiency: 4<sup>th</sup> & 8<sup>th</sup> Grade



Source: [www.nationsreportcard.gov](http://www.nationsreportcard.gov)



MISSISSIPPI



# Mississippi: 1998 to 2019

Less money to invest

Stable leadership

Stable assessment

2013 Literacy Act

# NAEP Reading Scores: 1998 to 2019



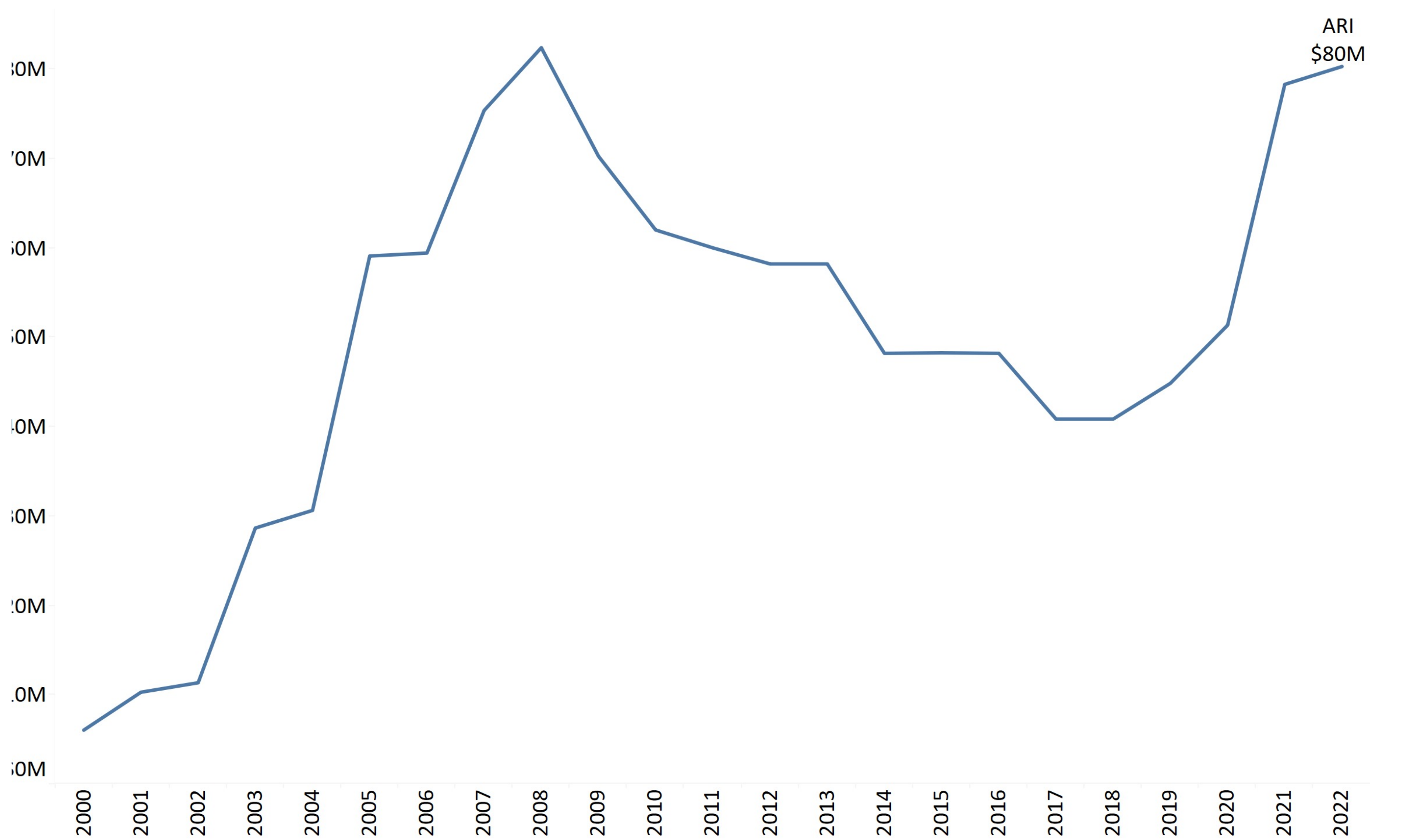
# Alabama Literacy Act



# Alabama Literacy Act

1. Re-invigorates ARI
2. Early & consistent student screening
3. New approaches to reading instruction
4. Tiered support for schools
5. Extensive professional development
6. Investments in before & after-school tutoring
7. Investments in summer learning
8. Retention provision

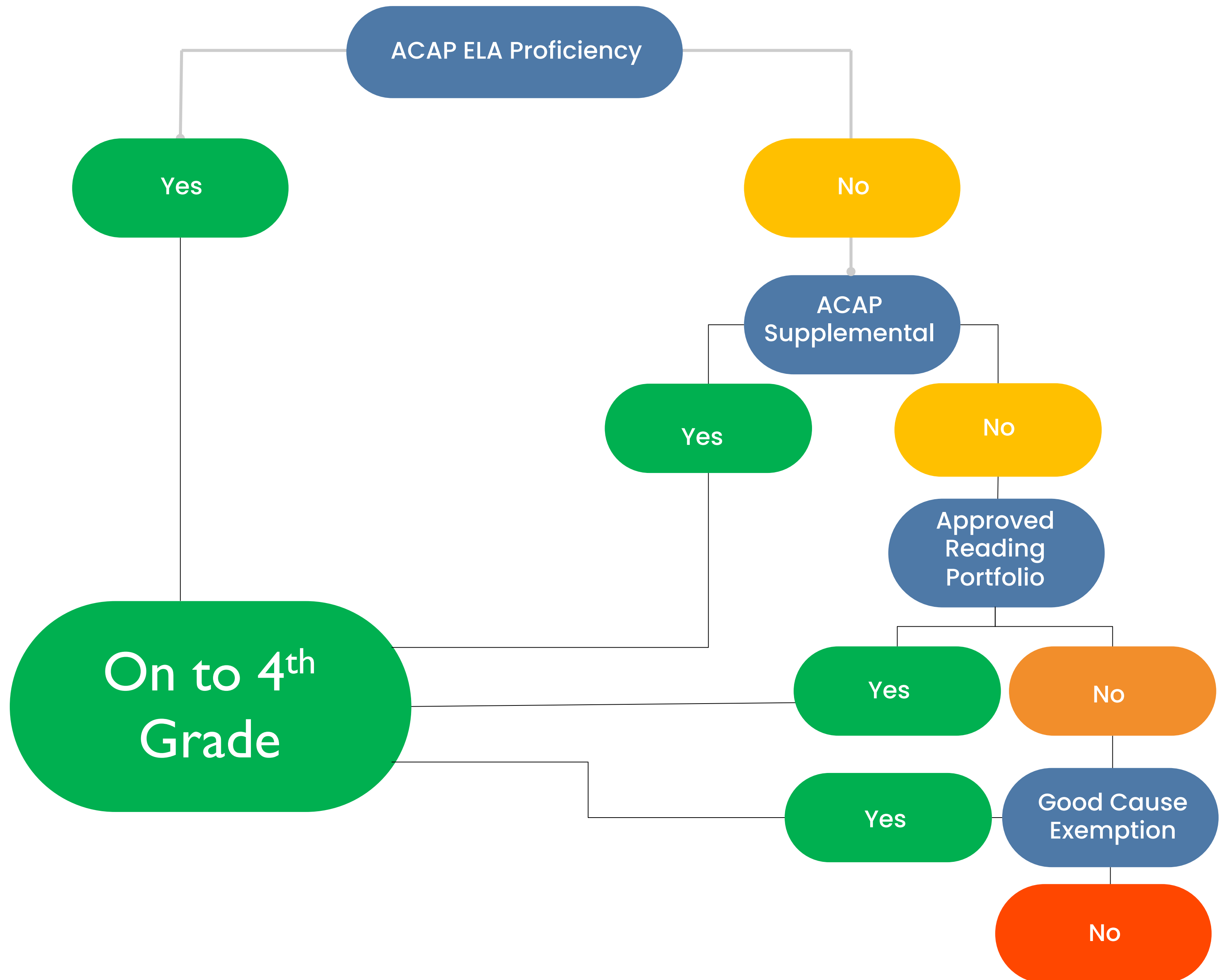
# ARI Funding: 2000 to 2022



Retention is Not  
the Focal Point



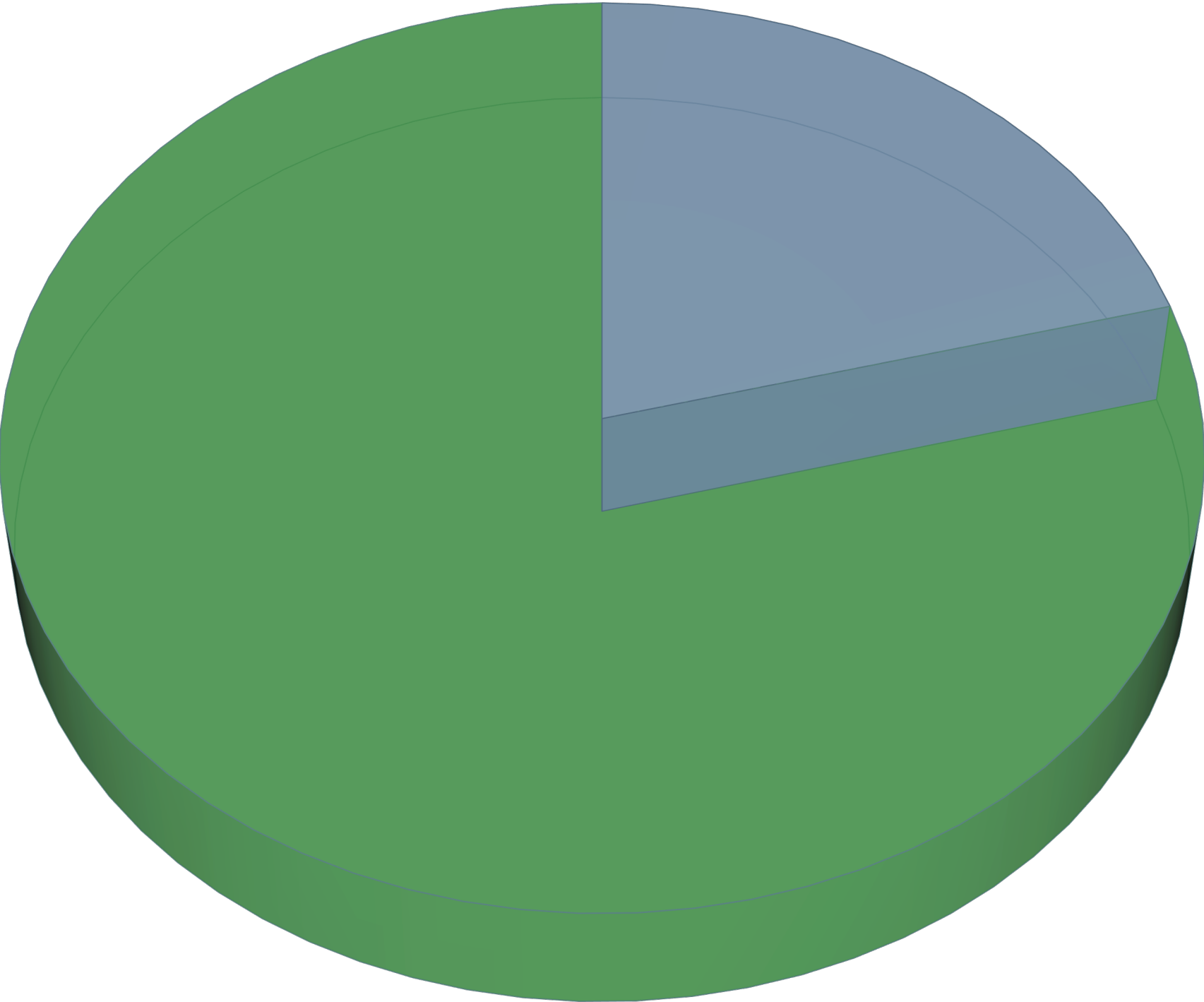
# Retention Decision Tree





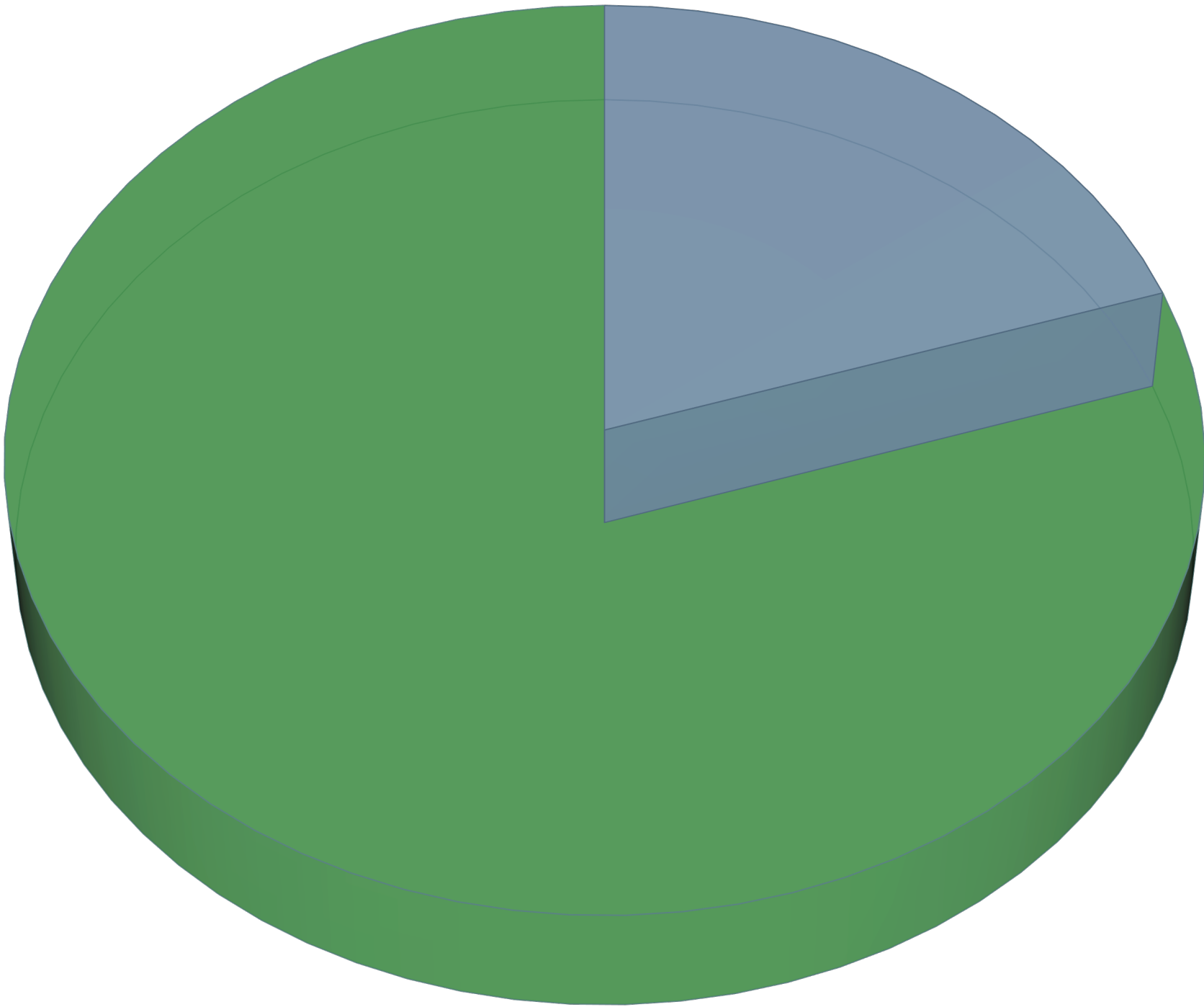
Students at Risk 2021 ACAP

3<sup>rd</sup> Grade



23%

2<sup>nd</sup> Grade



22%



# Students at Risk 2021 ACAP

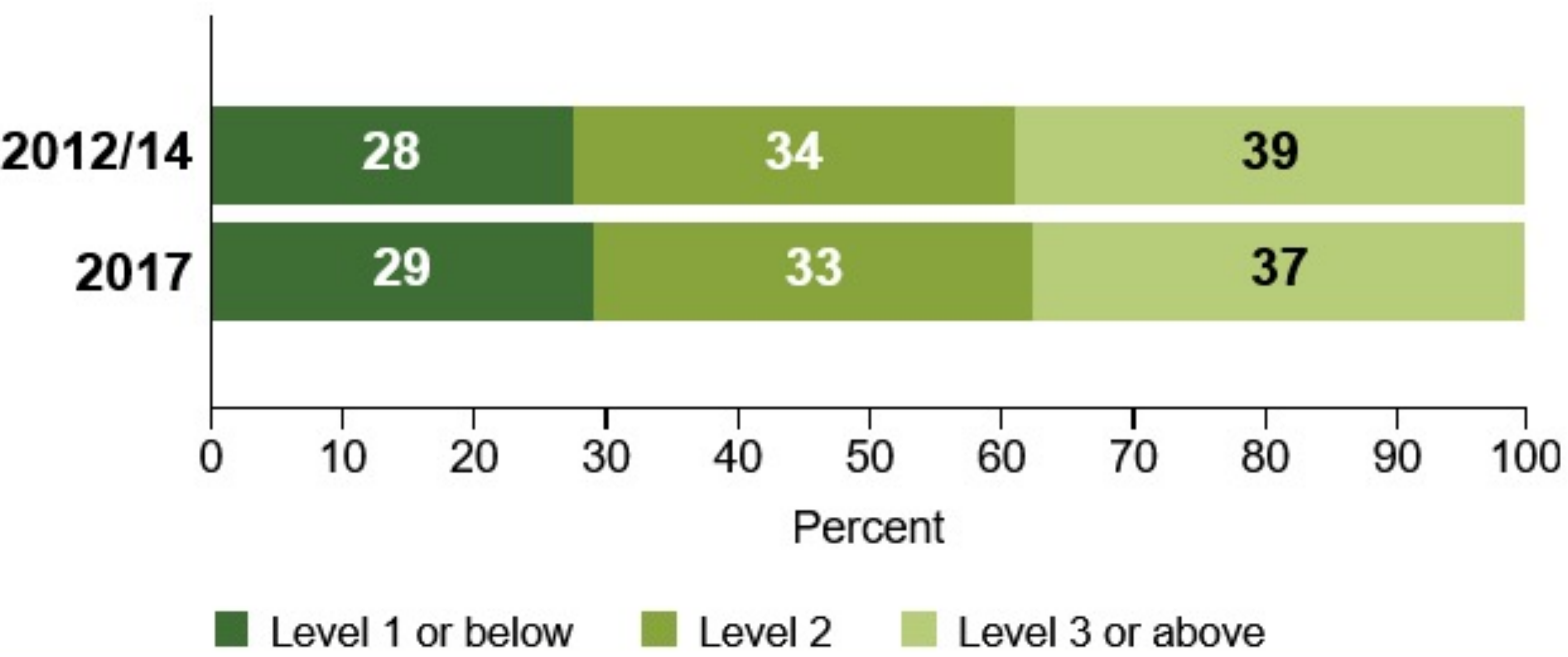


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## Literacy Act

What About  
Math?

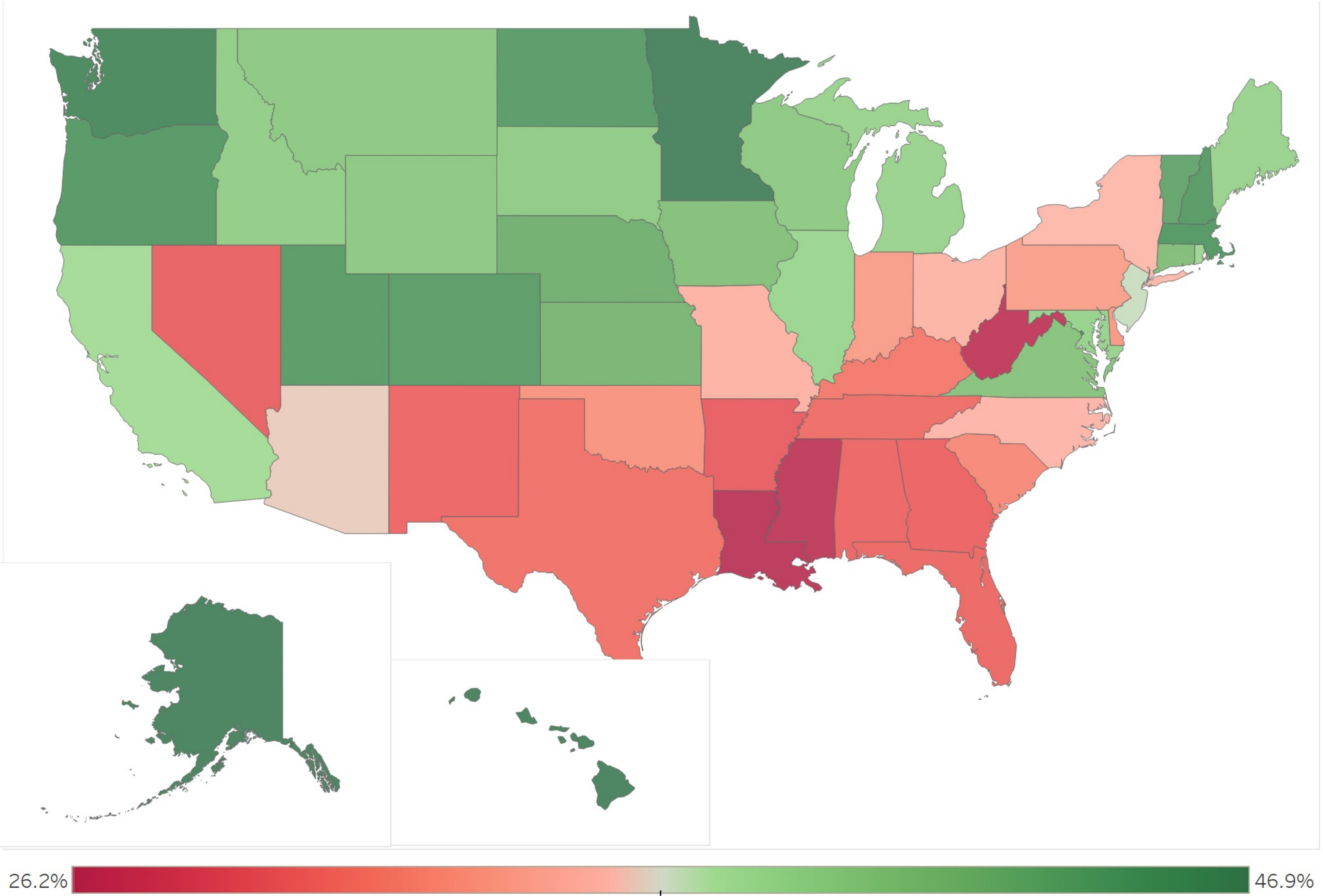
# Numeracy: Adults 16 to 65



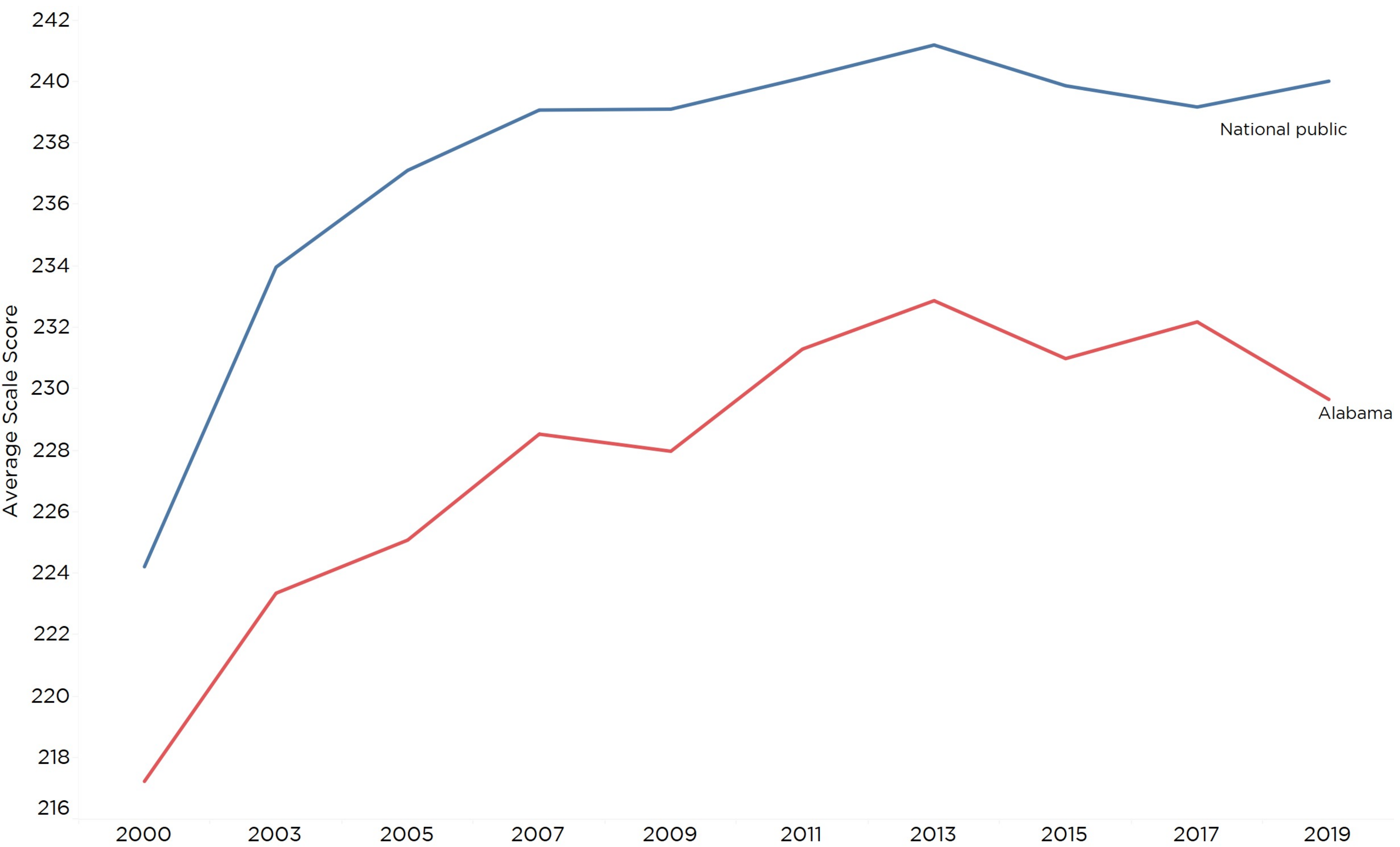
NCES: Percentage distribution of U.S. adults age 16 to 65 at selected levels of proficiency on PIAAC literacy: 2012/14 and 2017



# Numeracy: Adults 16 to 65



# NAEP 4<sup>th</sup> Grade Math Scores: 1998 to 2019







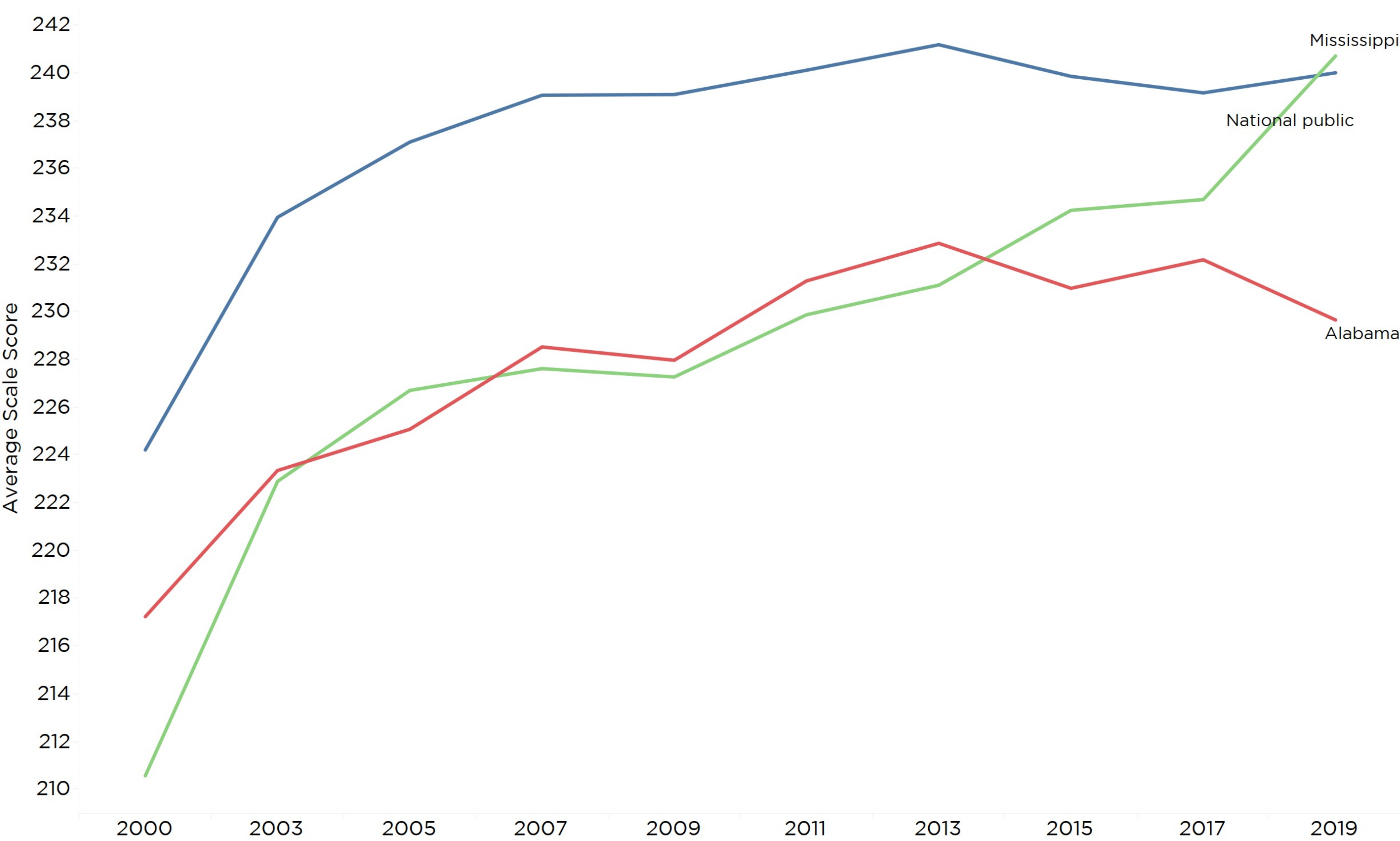
# Alabama Math, Science, and Technology Initiative

1. Never funded at the level of ARI
2. Never solely focused on K-3
3. Multiple subjects
4. Math never captured the public's attention

# ARI & AMSTI Funding: 2000 to 2022

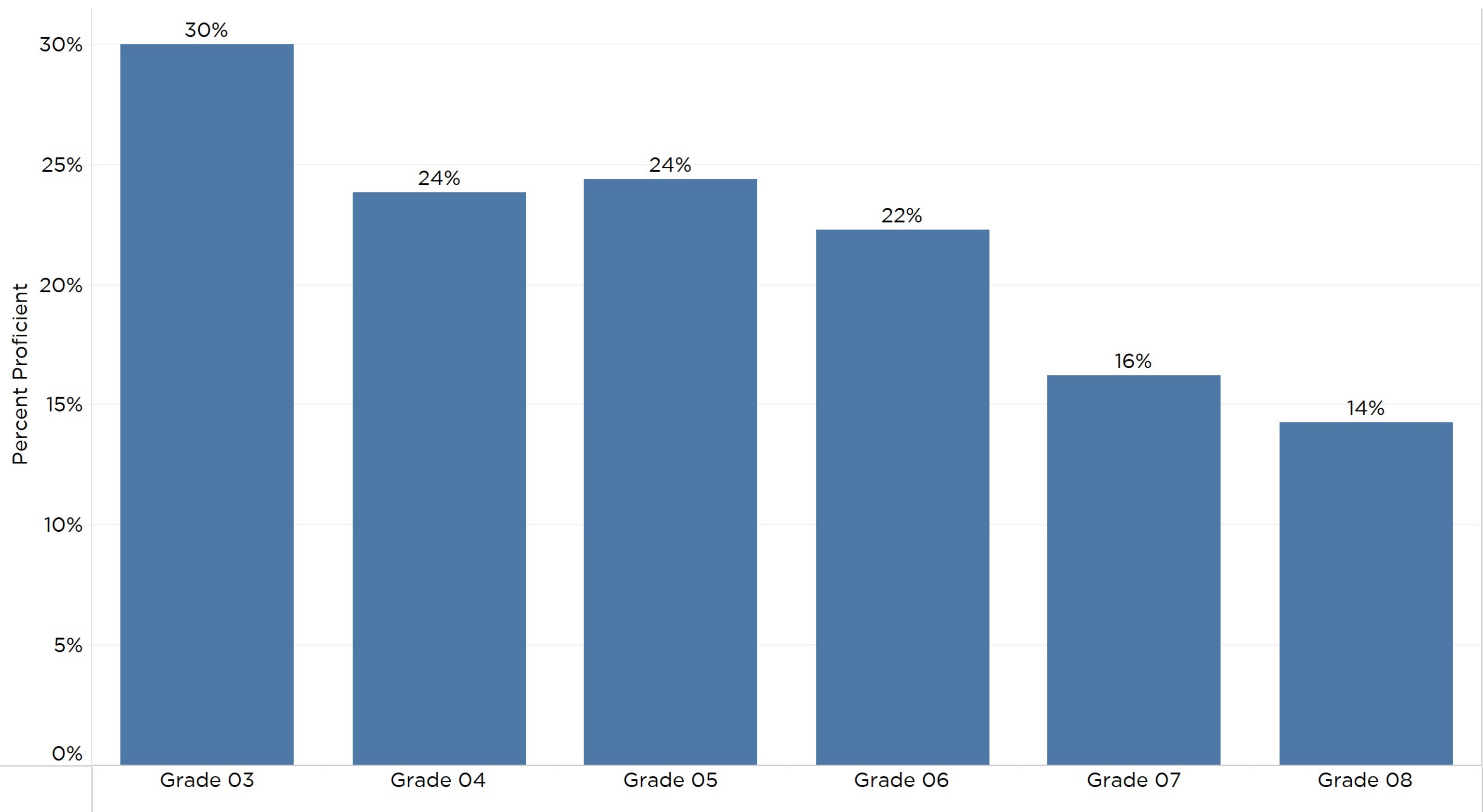


# NAEP 8<sup>th</sup> Grade Math Scores: 1998 to 2019

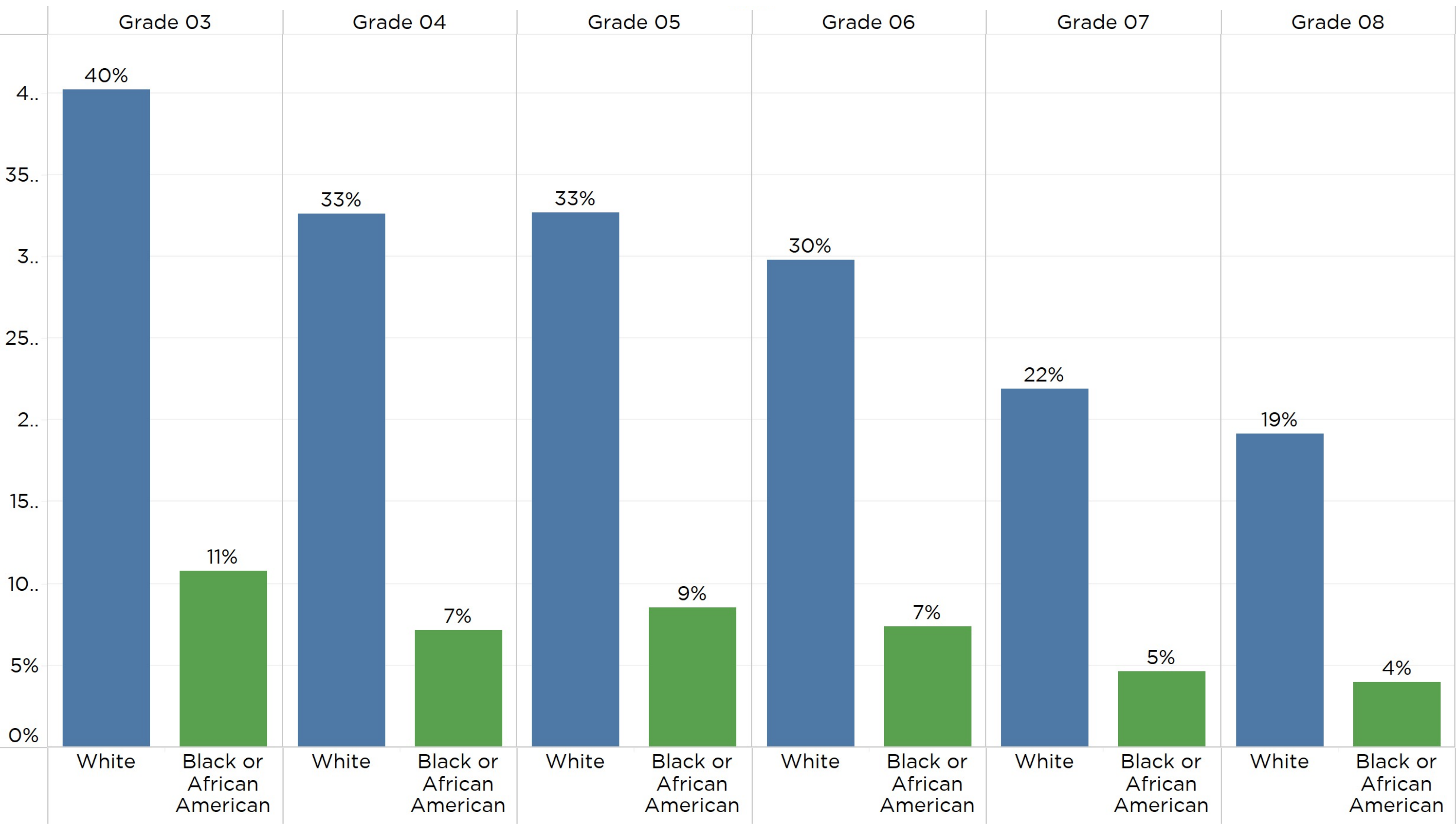




# ACAP: Math Proficiency



# ACAP: Math Proficiency-Black vs. White





# FORGING ALABAMA'S FUTURE:

Improving Educational Attainment  
and Workforce Development





# Forging Our Future: A Checklist For Success

- ☐ **Raise Alabama's labor force participation rate** to the national average by 2025. Working in partnership with business and industry, use community colleges, workforce investment programs, and nonprofit support services to target special populations currently underrepresented in the workforce.
- ☐ Complete the construction of a **longitudinal data system** that will allow education and workforce metrics to be tracked and the results analyzed. Data is fundamental to identifying successful or ineffective strategies, understanding outcomes, and weighing cost and benefit.
- ☐ Revise and accelerate the state's *Broadband Alabama Strategy* to provide Alabamians access to high-speed internet on par with the national average. With an infusion of federal funds available, identify the barriers to bringing access and service to underserved communities and invest in solutions.



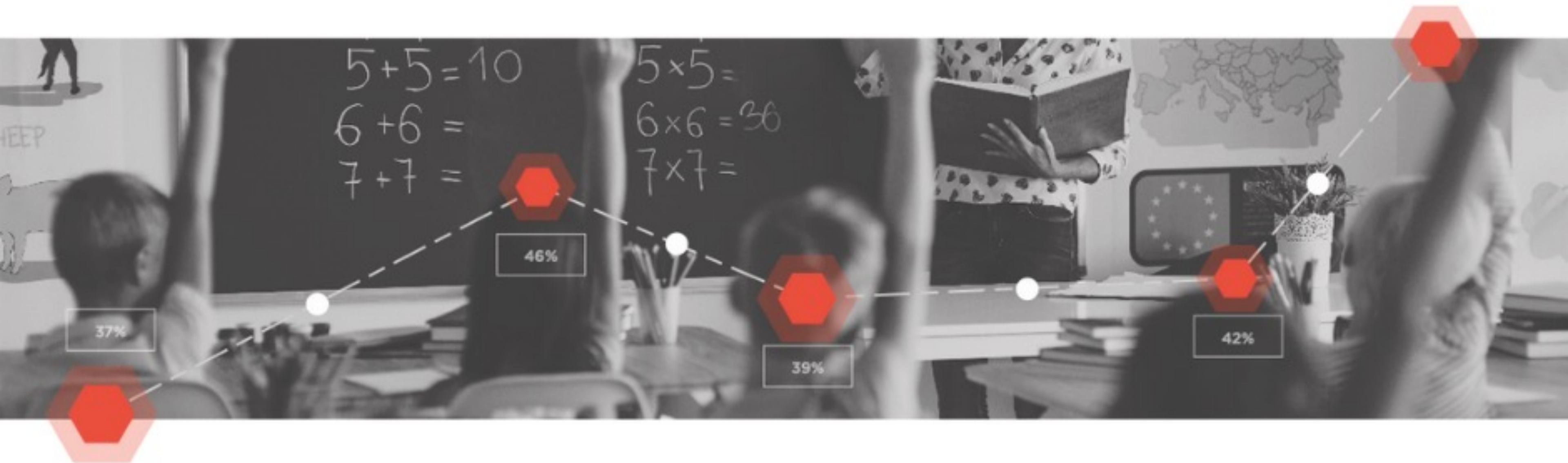






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