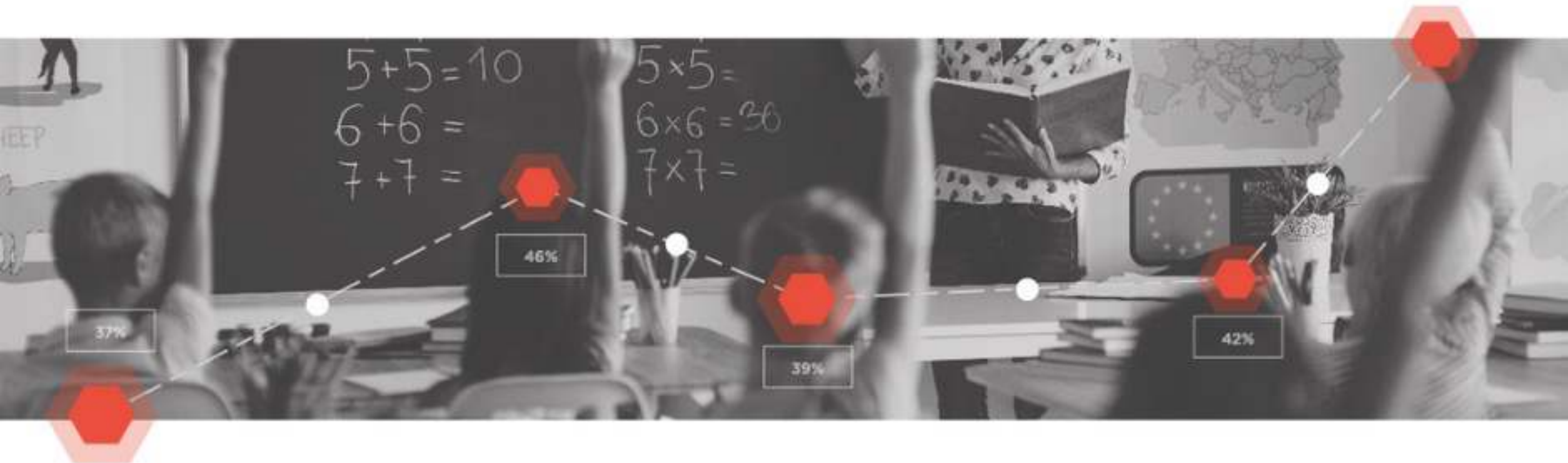




PARCA

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**

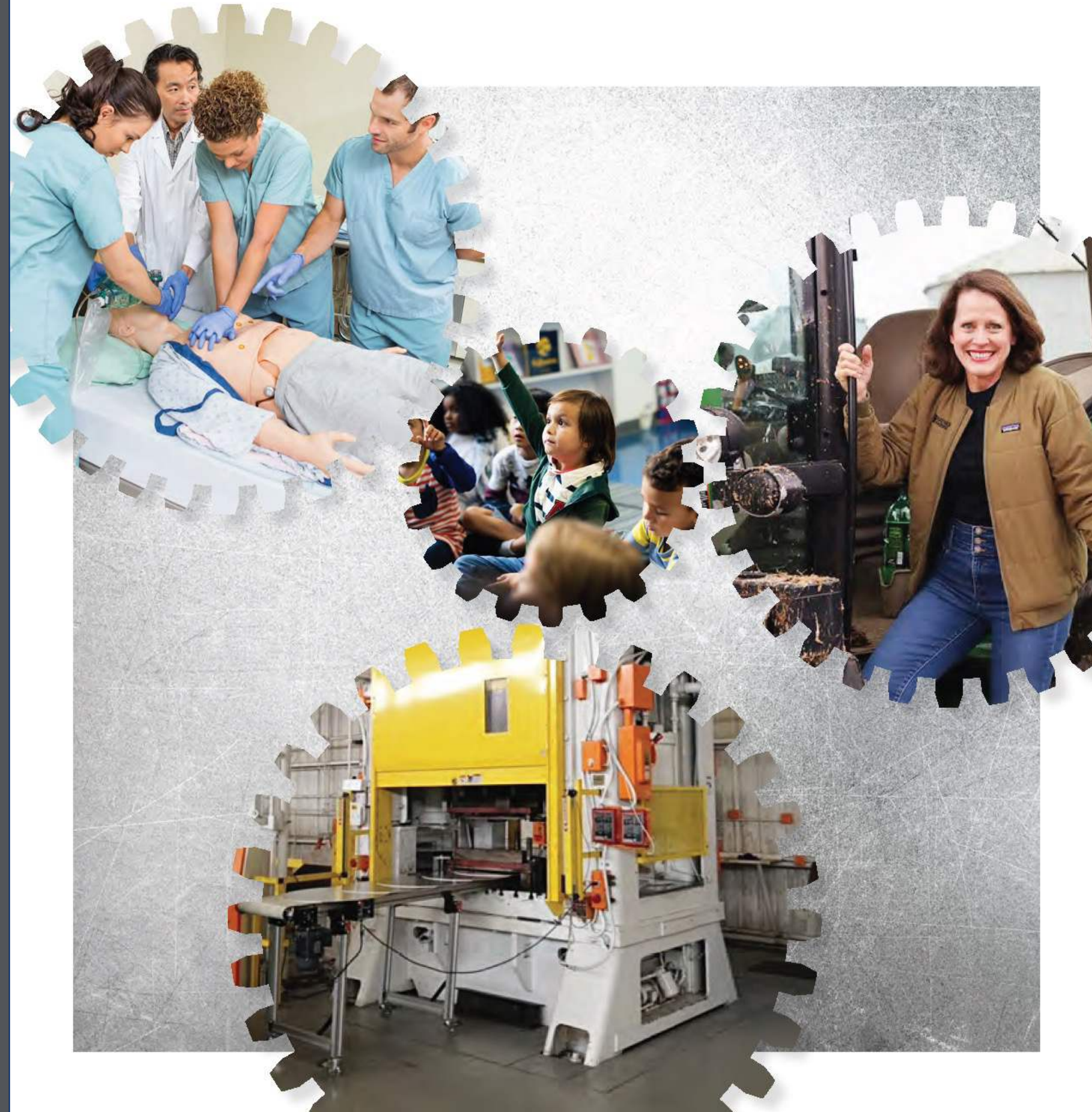
A Once and Future Success Story?

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



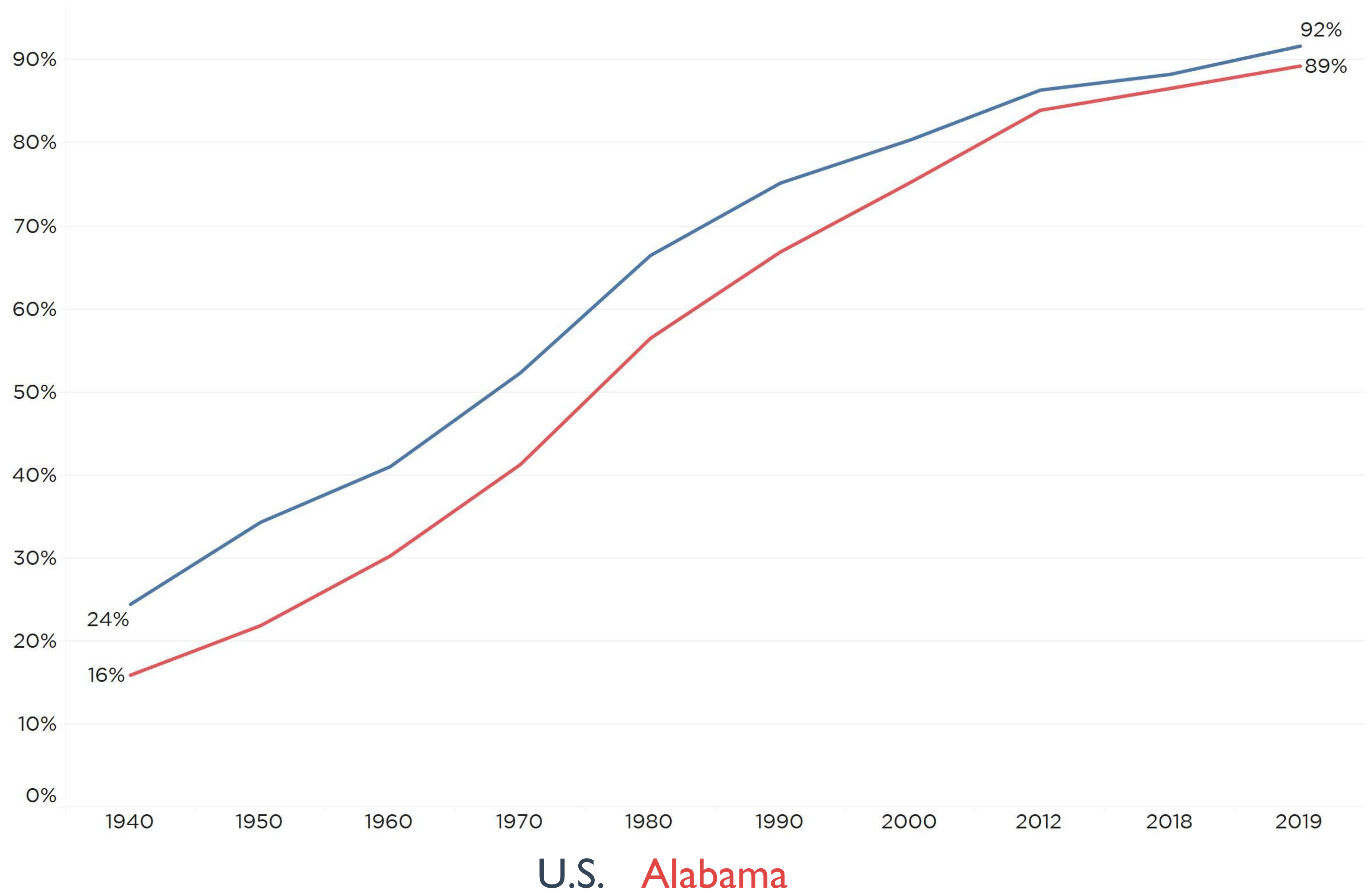
89%



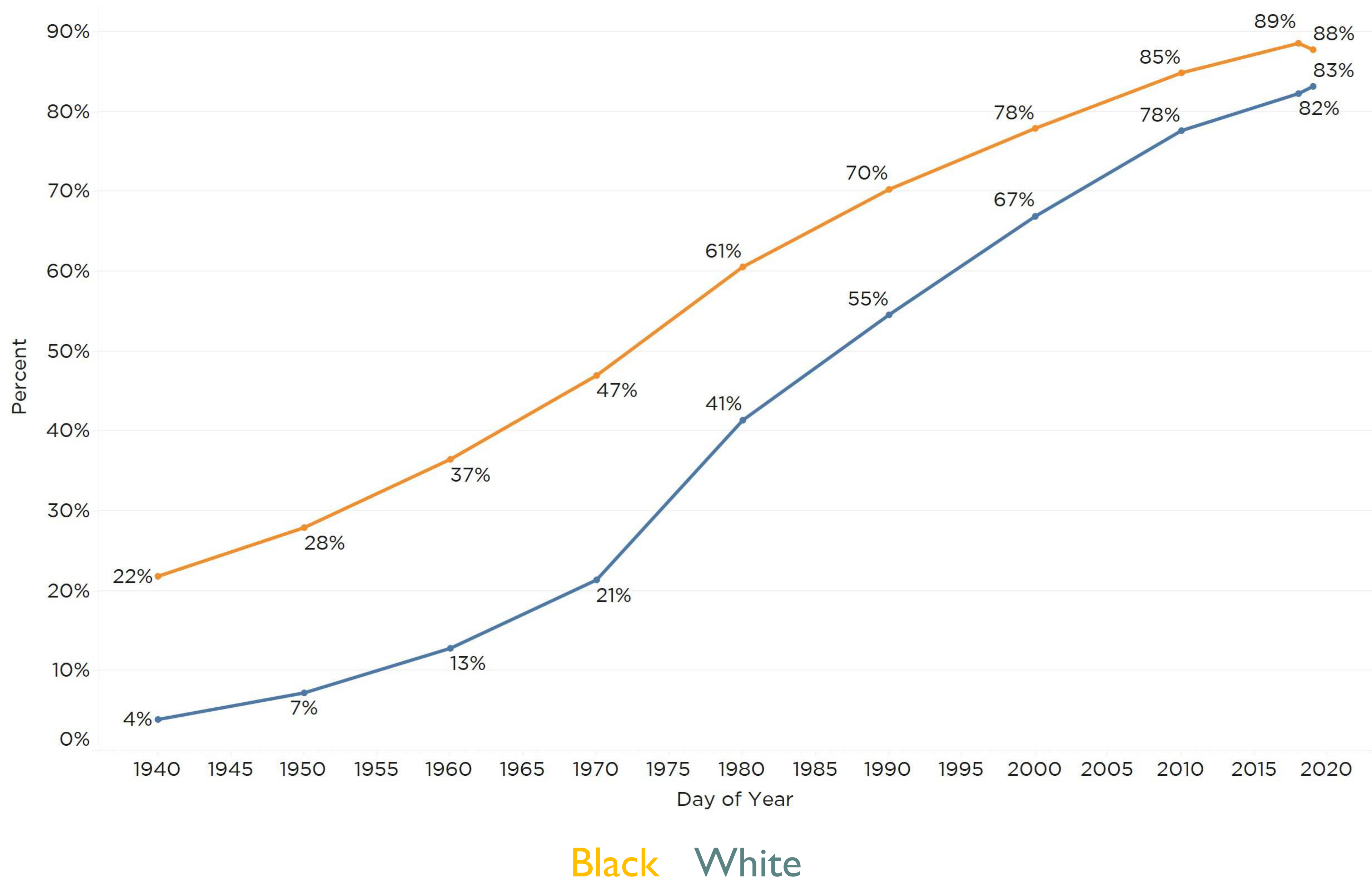
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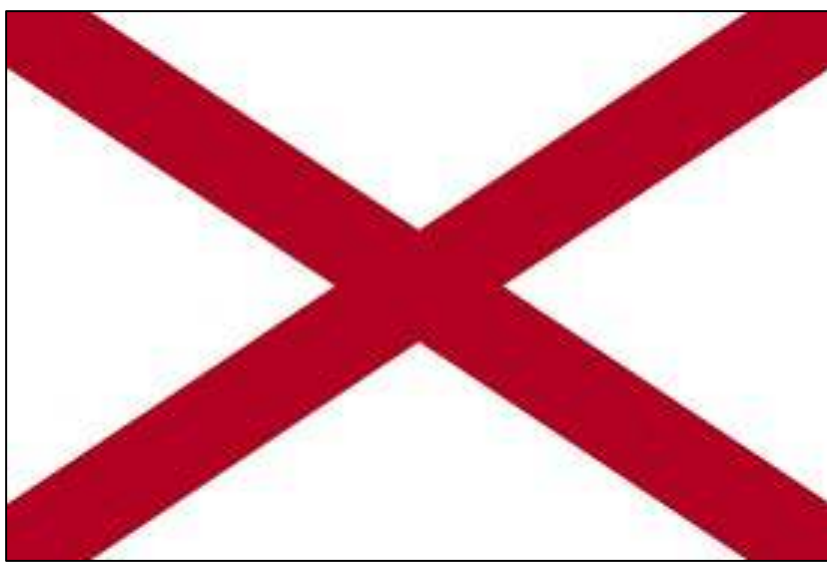
Population with a high school degree

Attainment: High School Degree



Alabamians with a High School Degree: Black & White





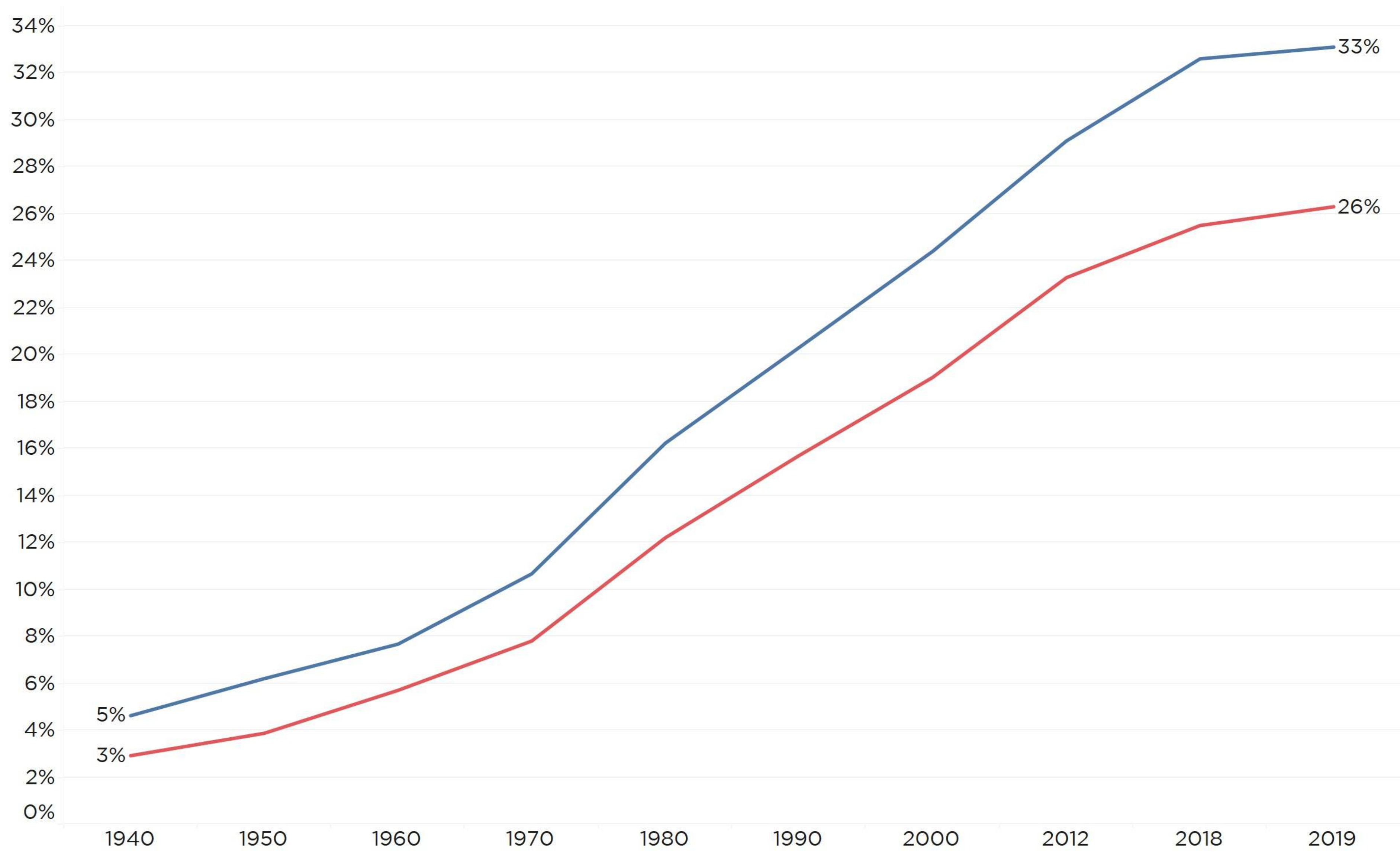
26%



33%

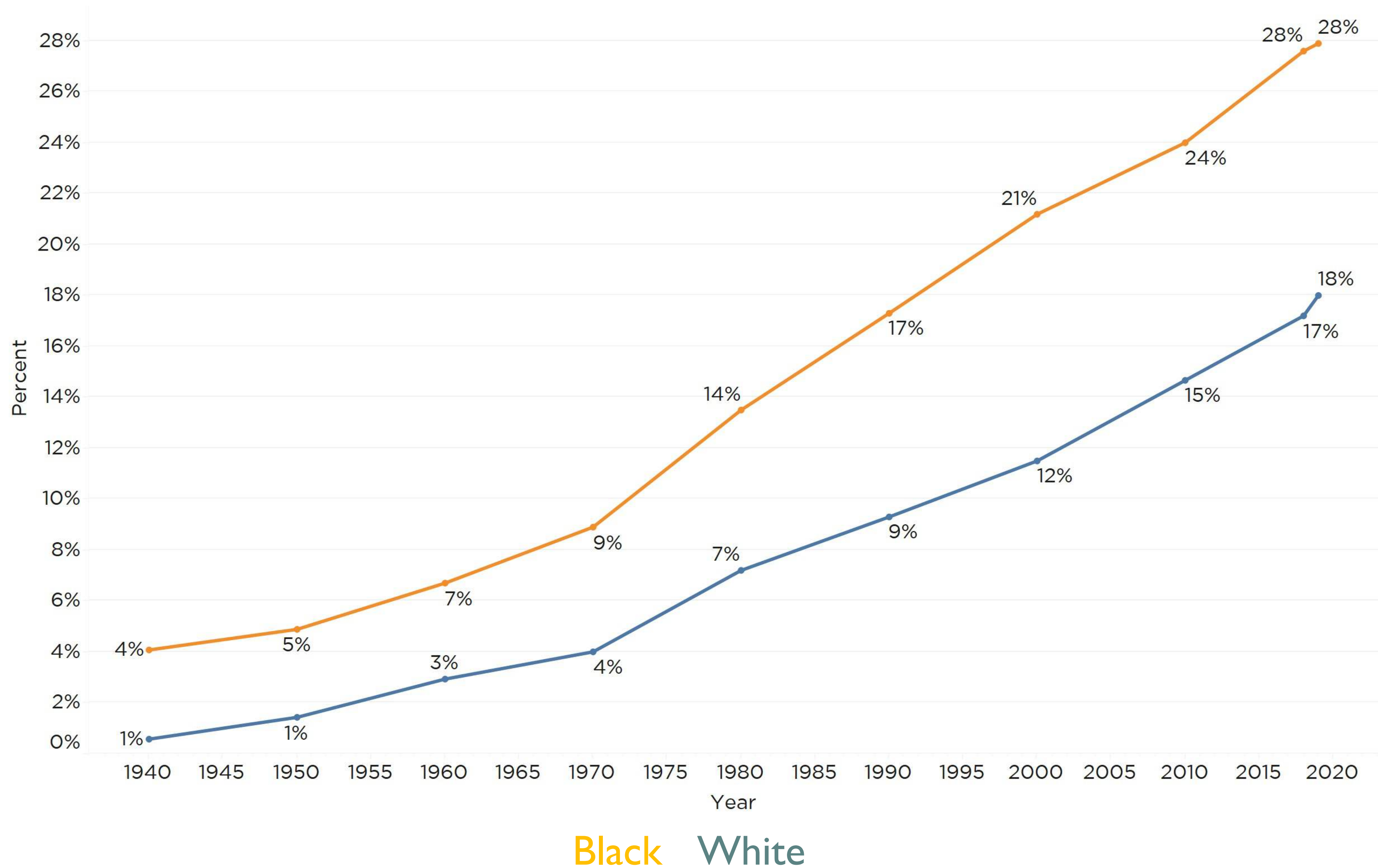
Population with a college degree

Attainment: College Degree



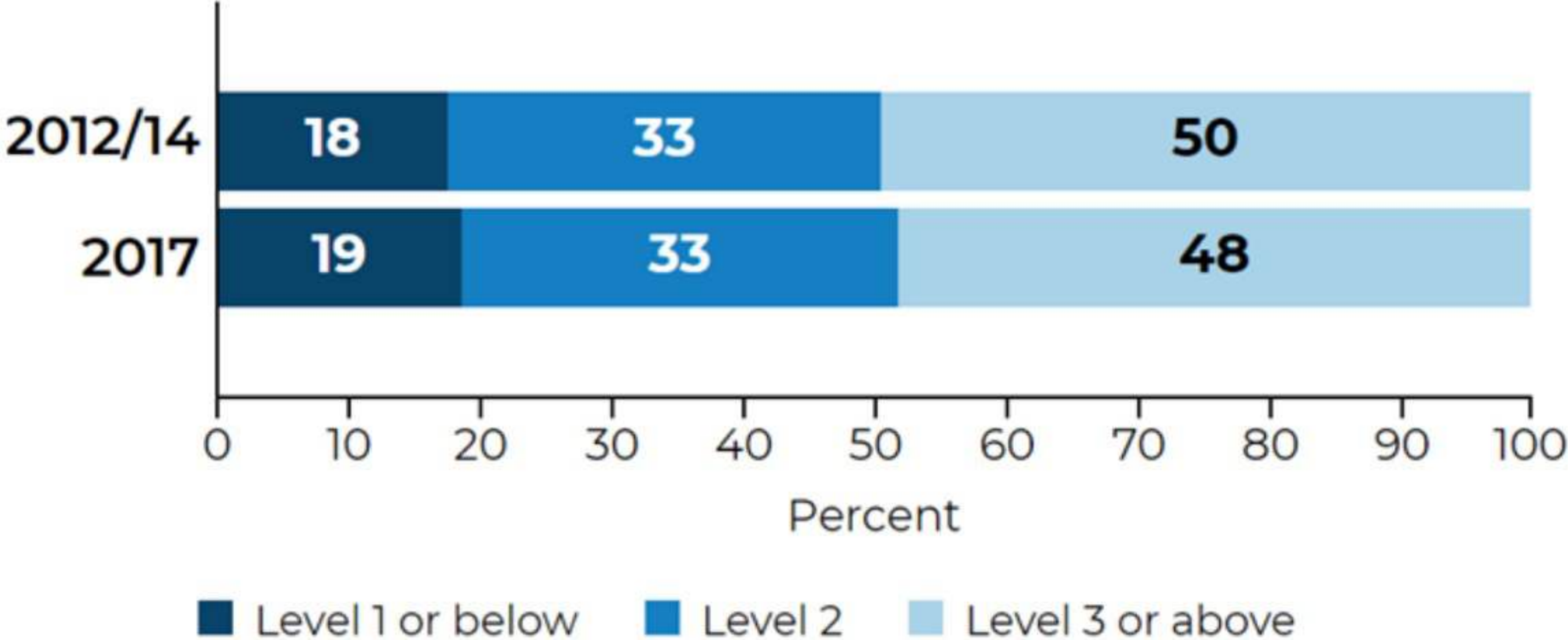
U.S. Alabama

Alabamians with a College Degree: Black & White



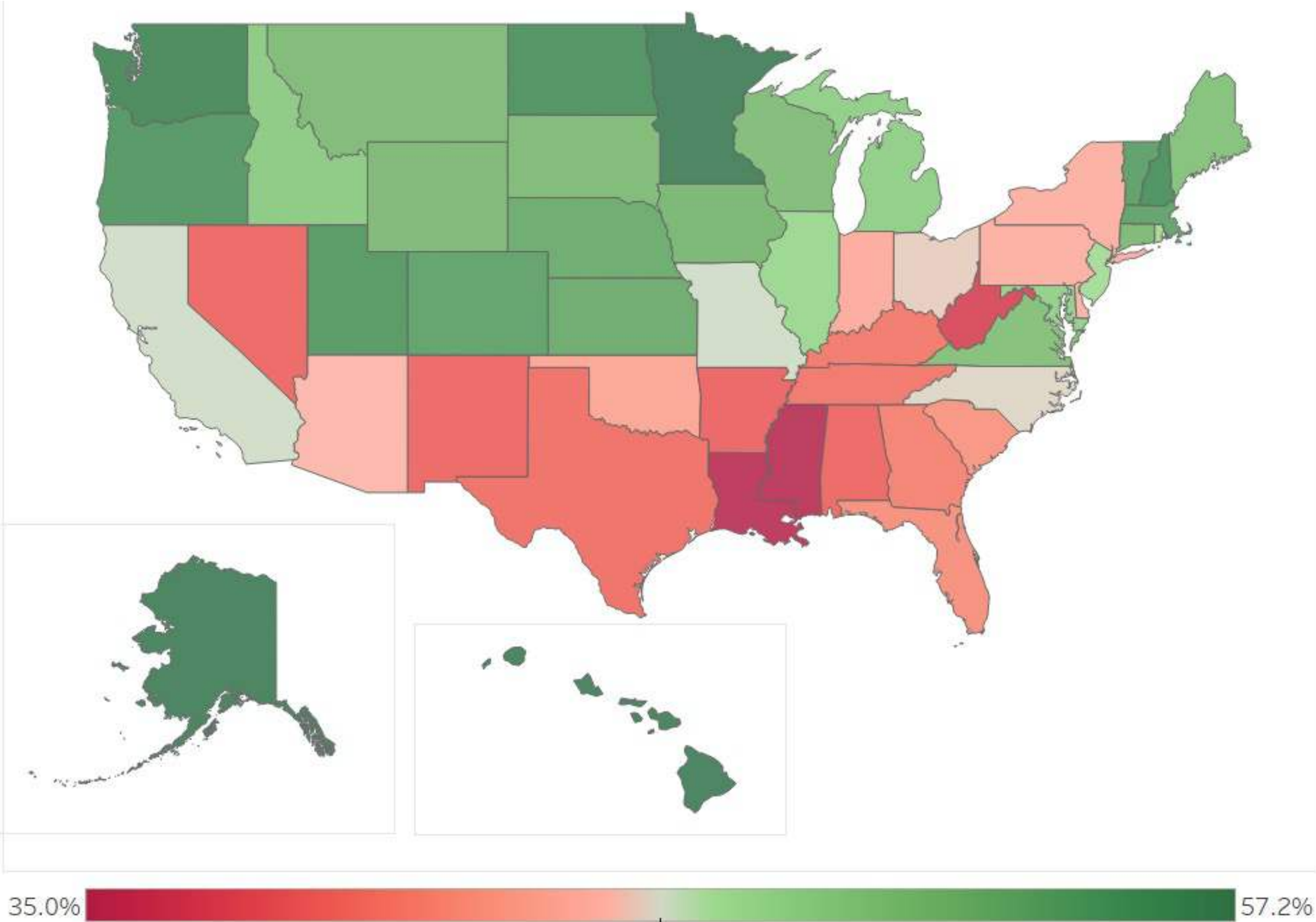
Literacy in Alabama

Literacy: Adults 16 to 65



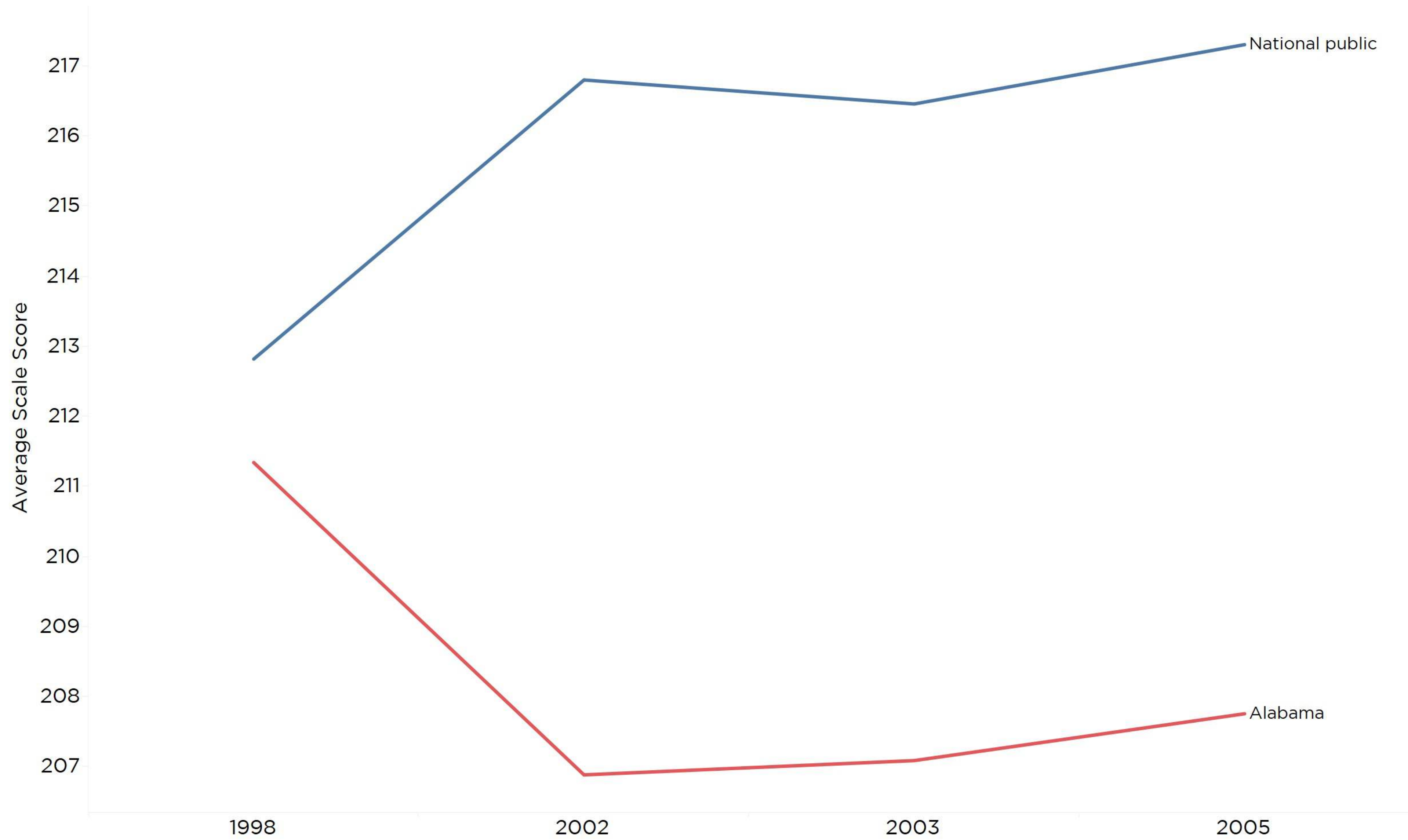
NCES: Percentage distribution of U.S. adults age 16 to 65 at selected levels of proficiency on PIAAC literacy: 2012/14 and 2017

Literacy: Adults 16 to 65





NAEP Reading Scores: 1998 to 2005

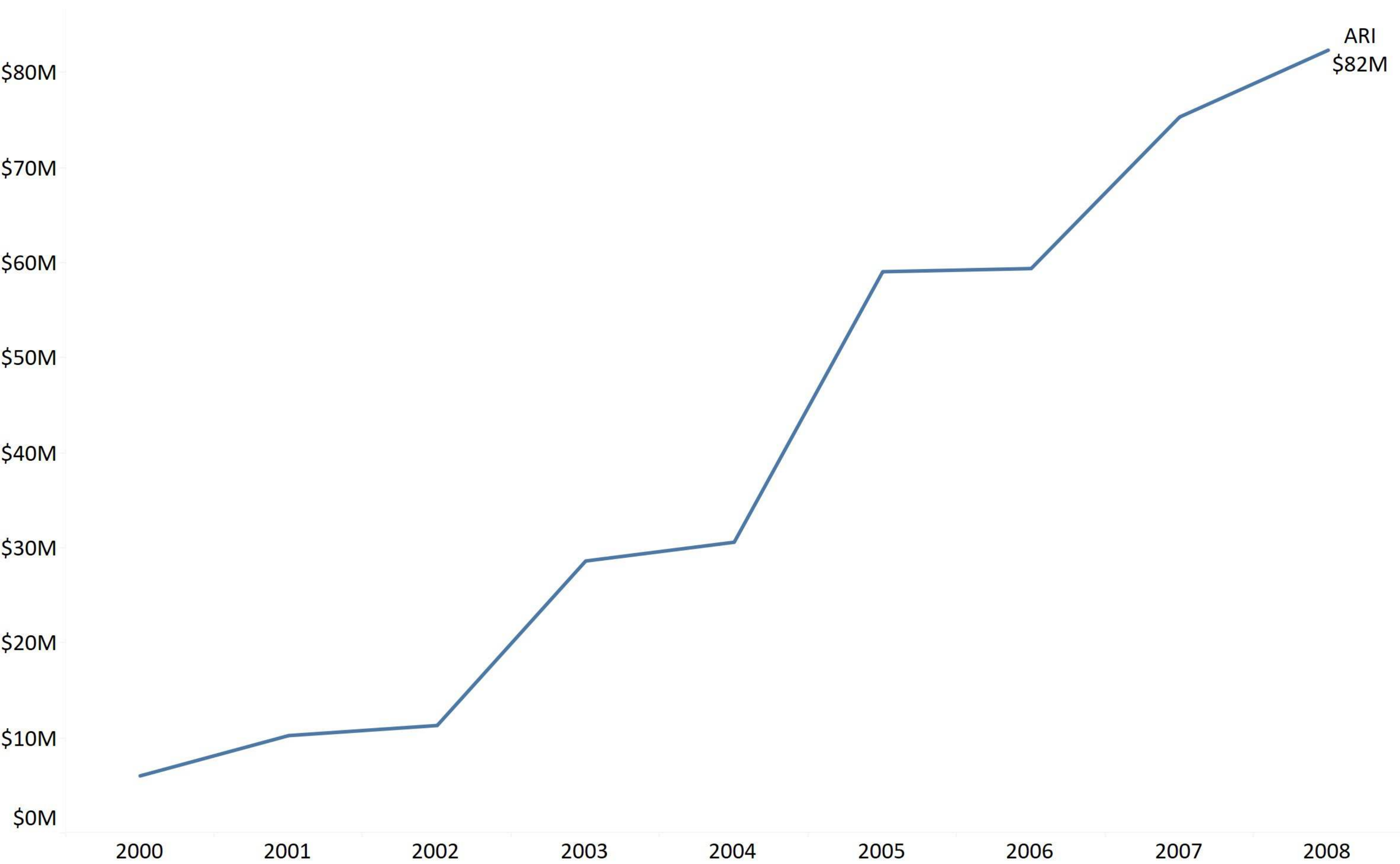


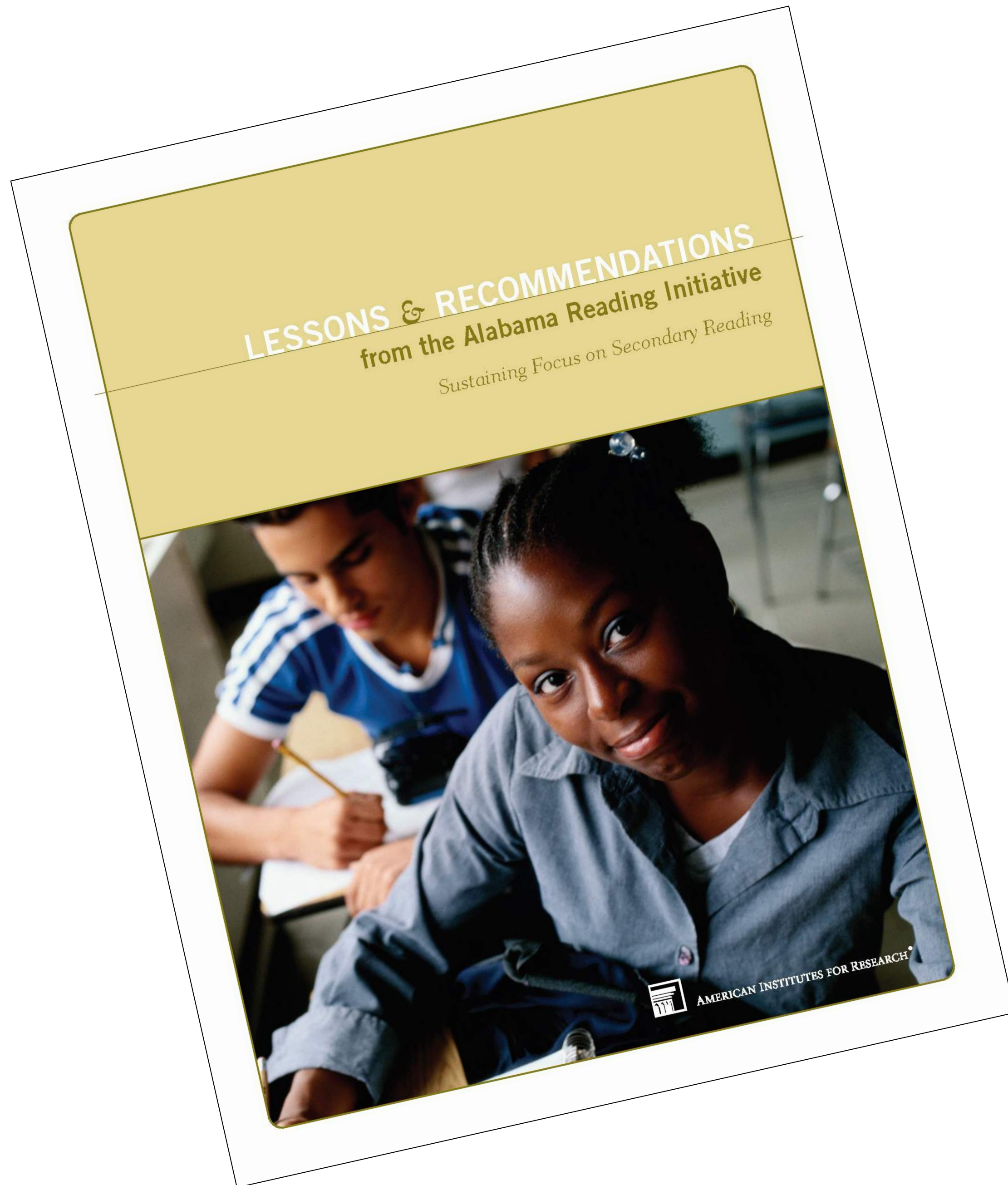
Past Efforts



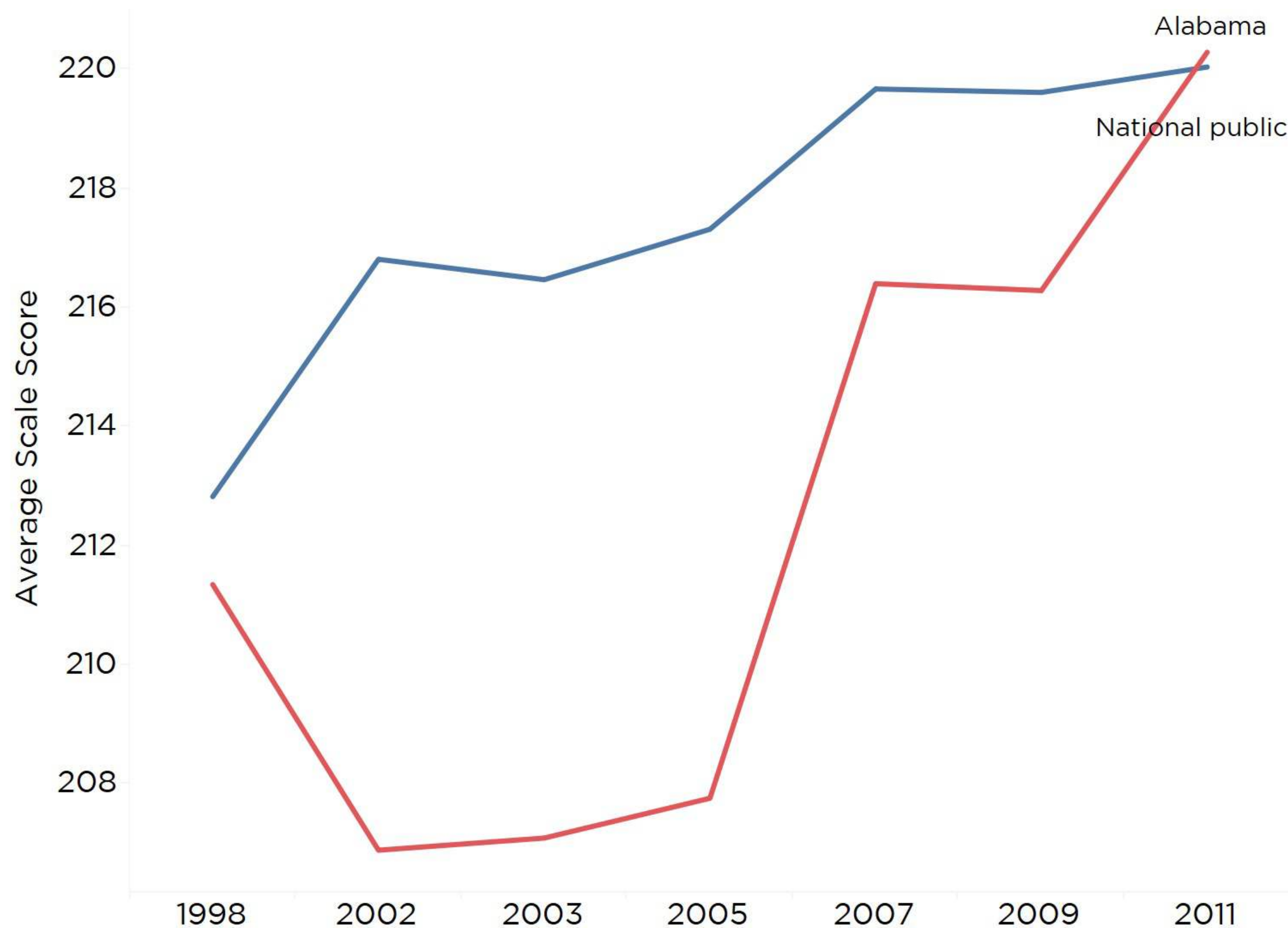


ARI Funding: 2000 to 2008





NAEP Reading Scores: 1998 to 2011



vided

anies

\$517.5

\$499.2

\$246.0

\$244.5

(21.9)

(17.3)

15.1

17.1

(159.4)

(122.4)

(40.9)

(180.9)

(154.4)

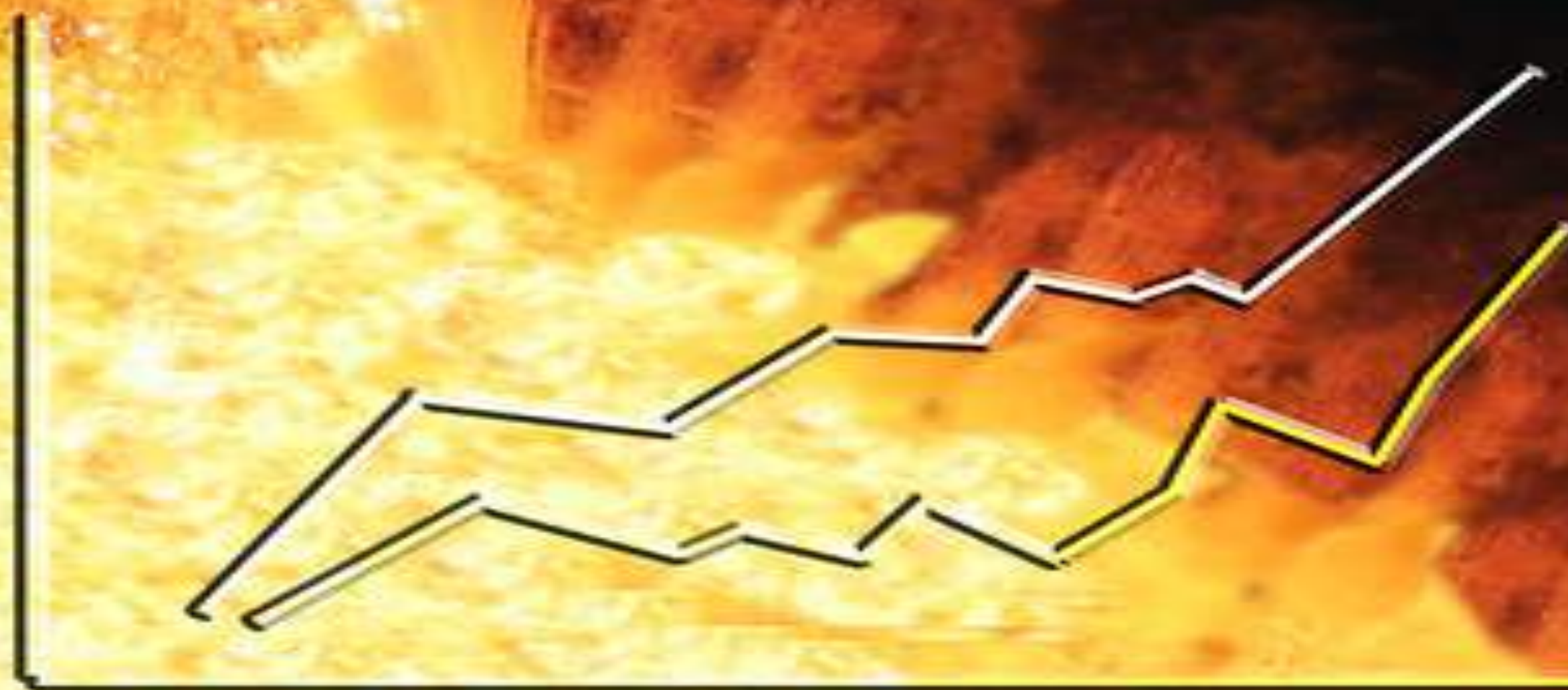
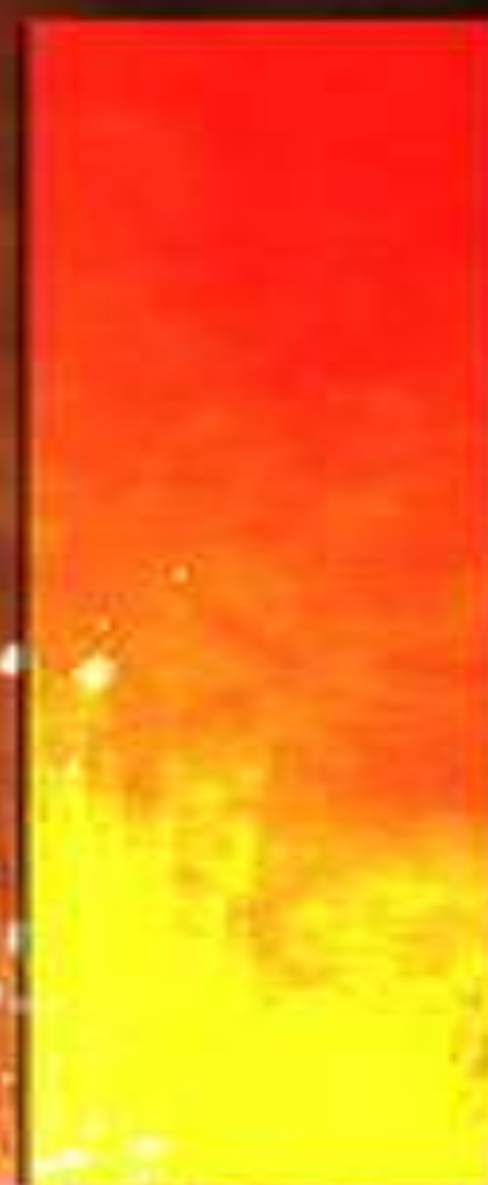
(159.1)

(83.5)

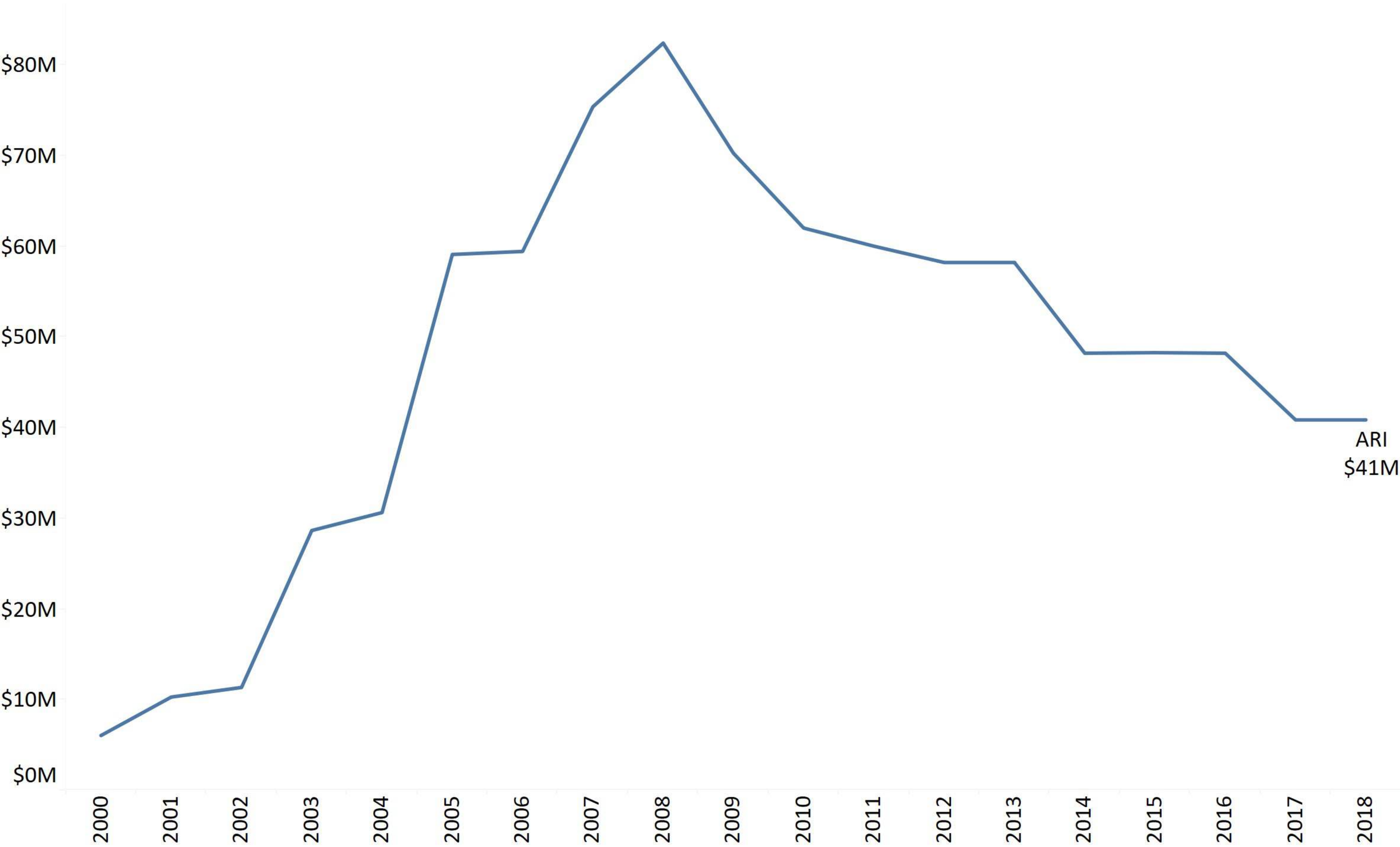
(11.2)

(237.9)

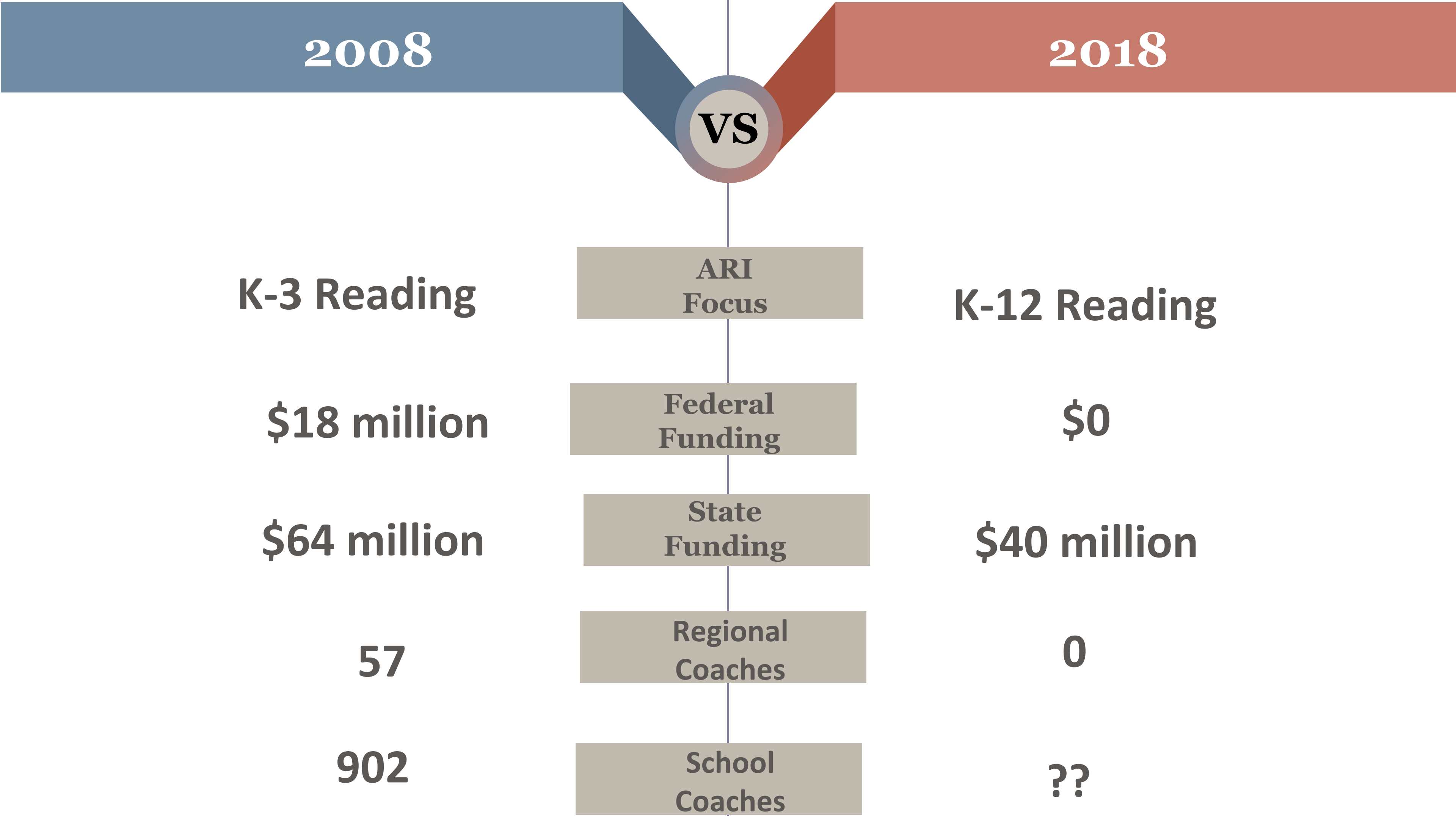
(159.1)



ARI Funding: 2000 to 2018



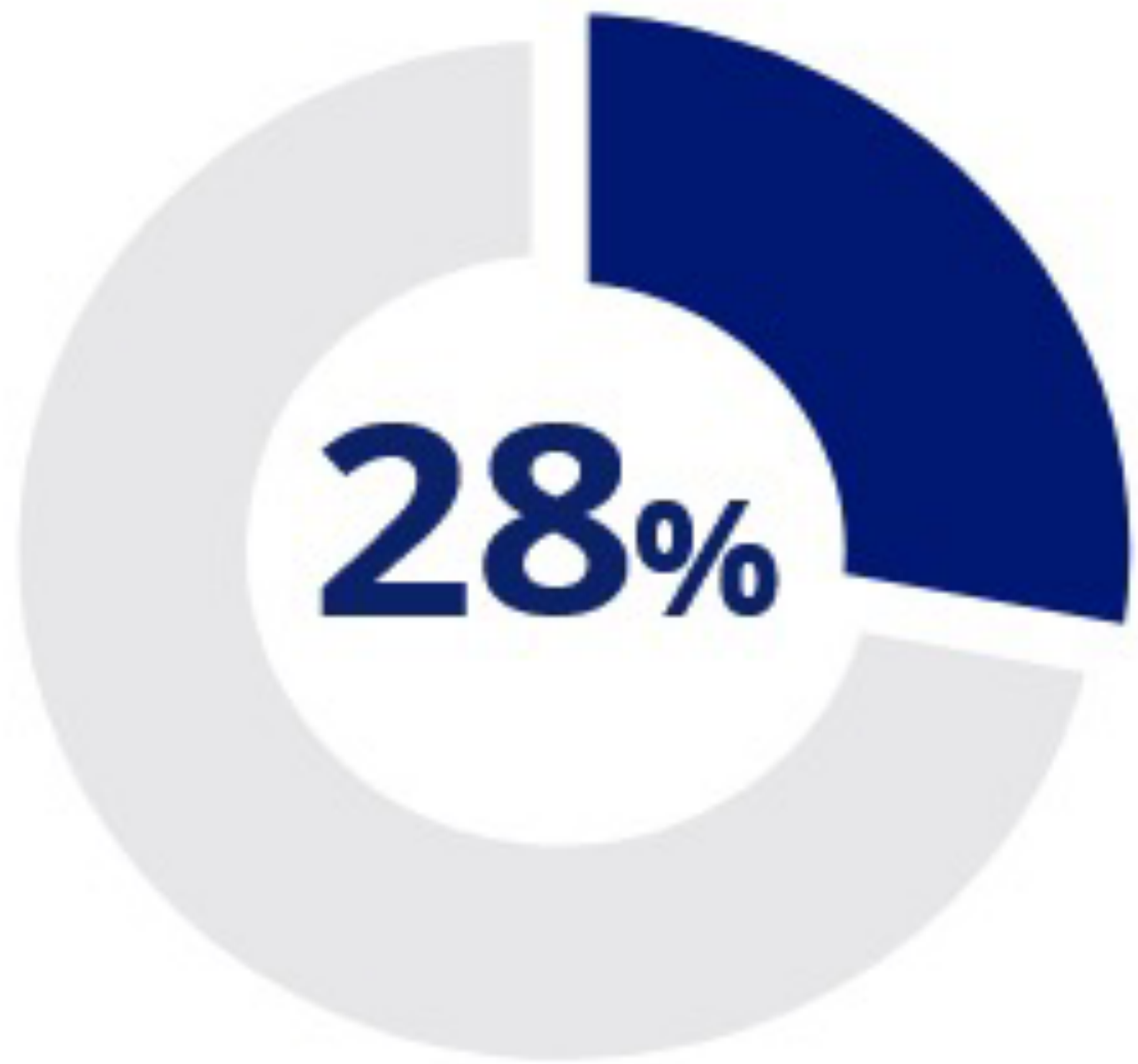
ARI Devolution



NAEP Reading Scores: 1998 to 2019



NAEP 2019 Reading Proficiency: 4th & 8th Grade



Source: 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

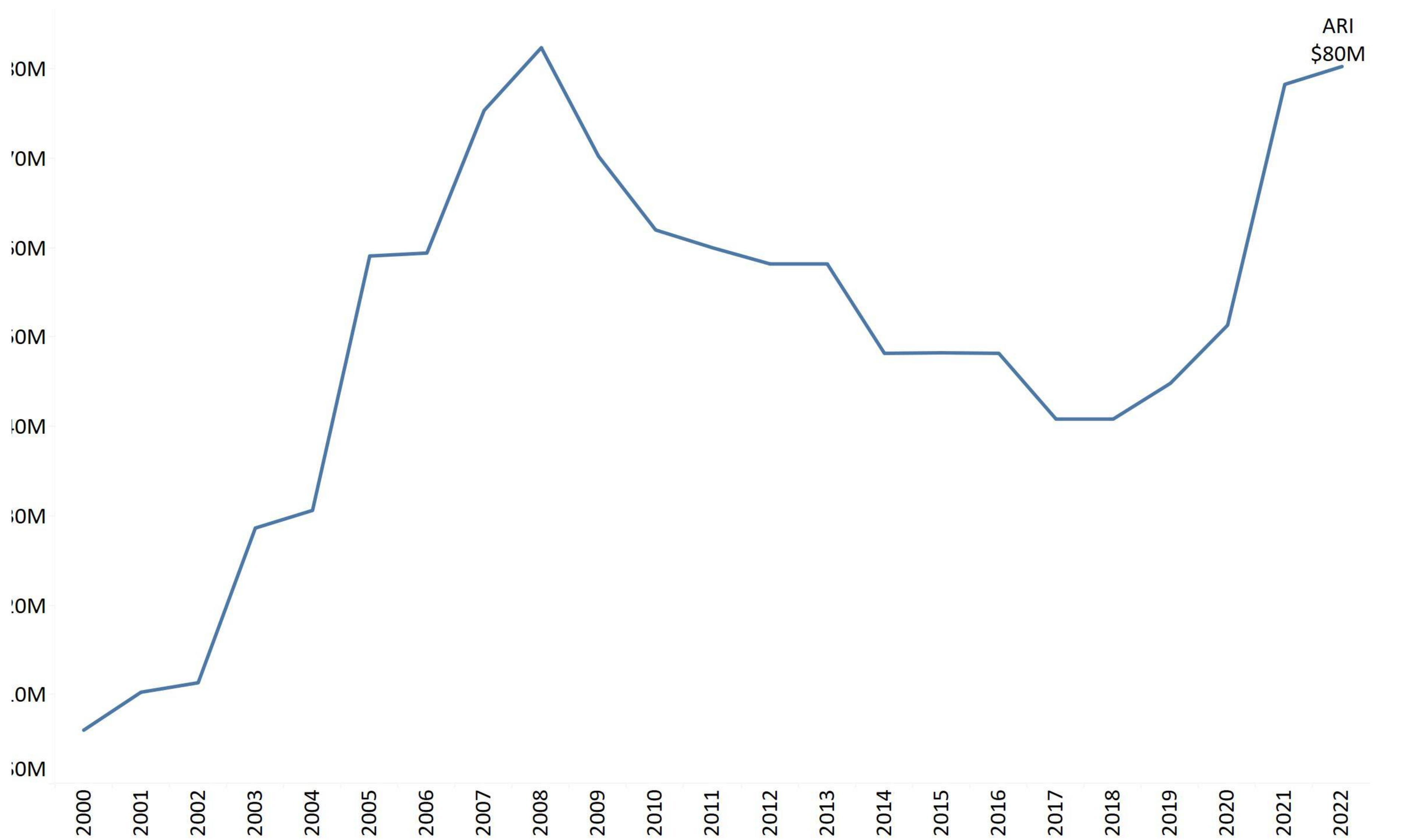


Alabama Literacy Act

Alabama Literacy Act

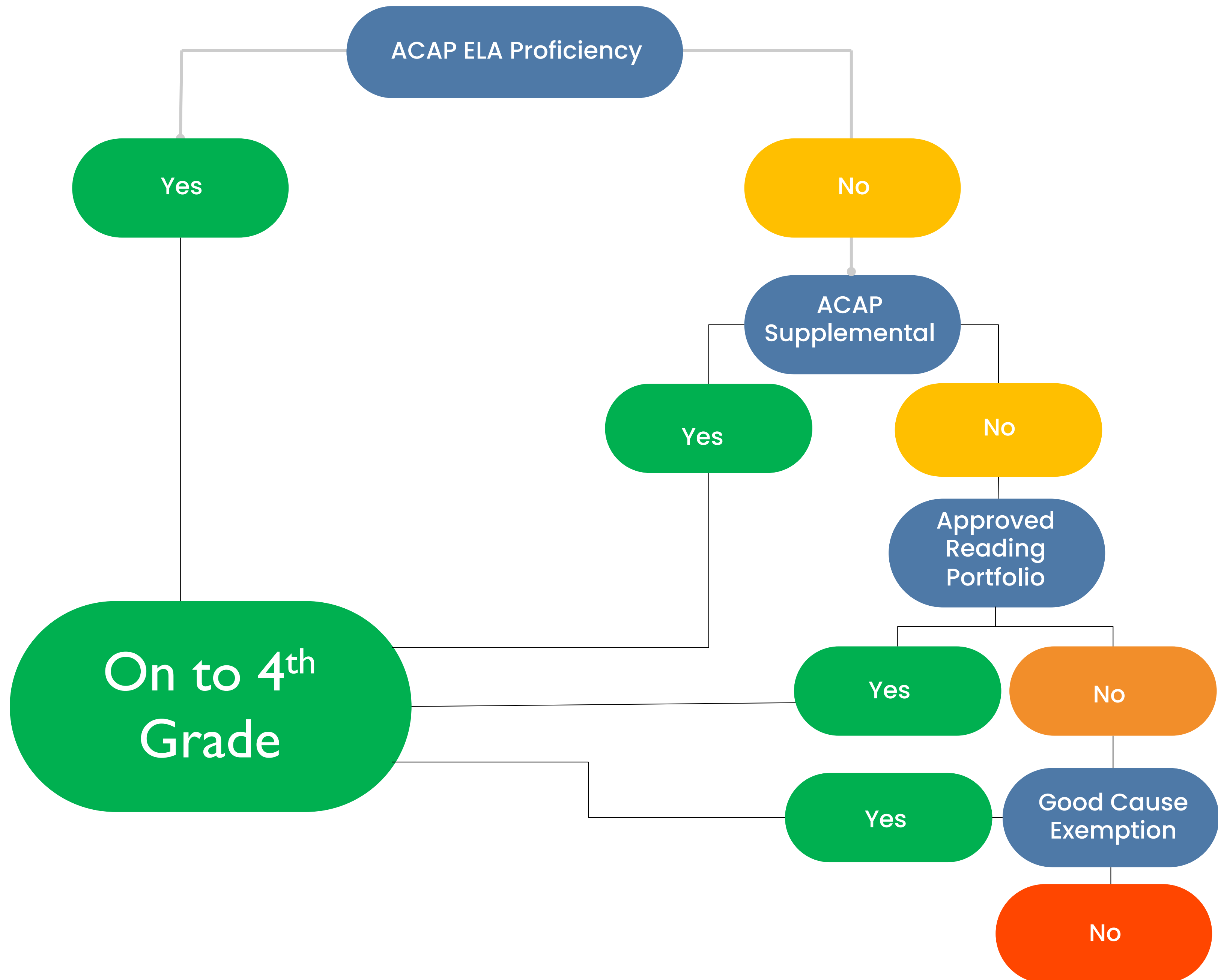
1. Re-invigorates ARI
2. Early & consistent student screening
3. New approaches to reading instruction
4. Tiered support for schools
5. Extensive professional development
6. Investments in before & after-school tutoring
7. Investments in summer learning
8. Retention provision

ARI Funding: 2000 to 2022



Retention is Not
the Focal Point

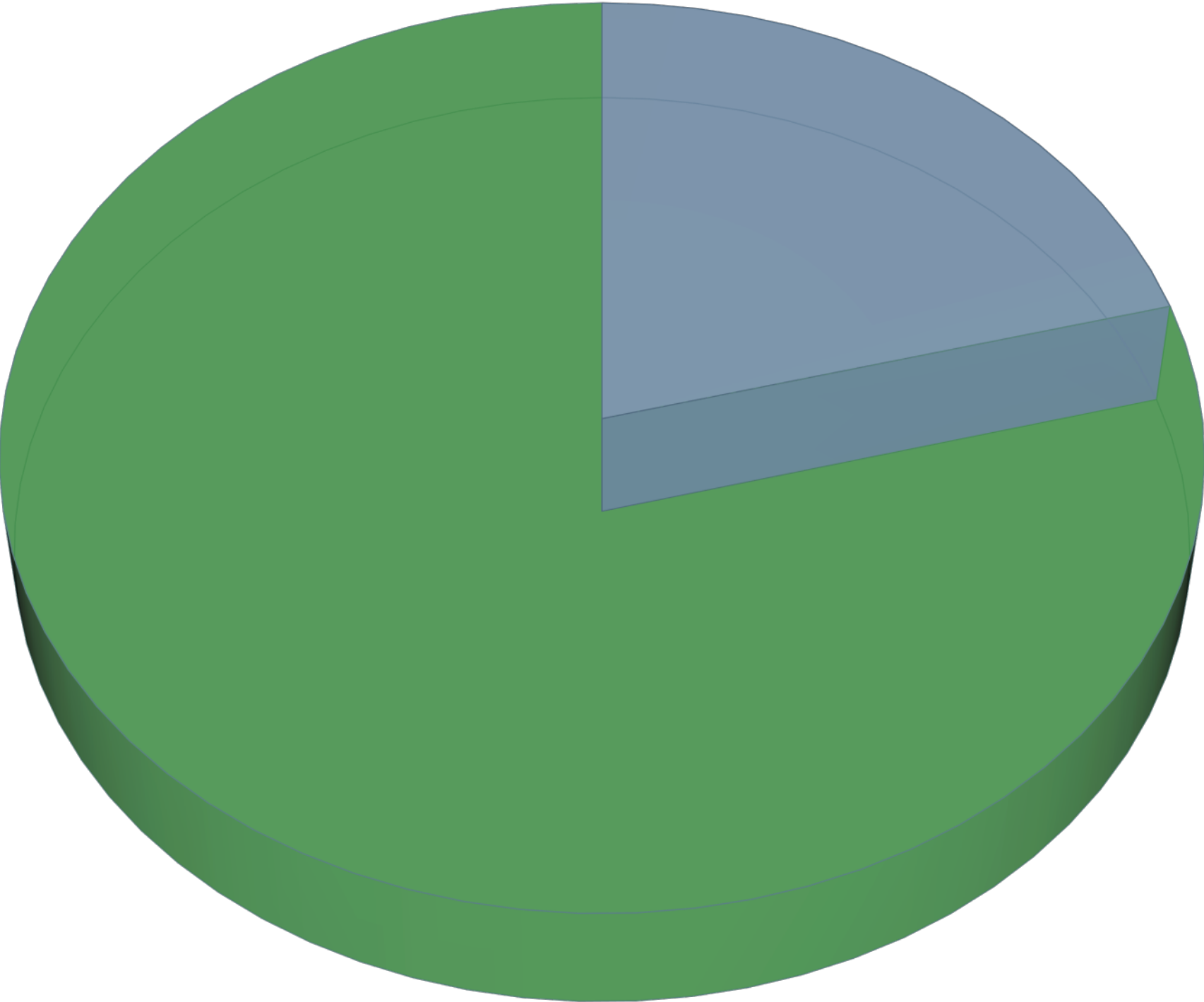
Retention Decision Tree





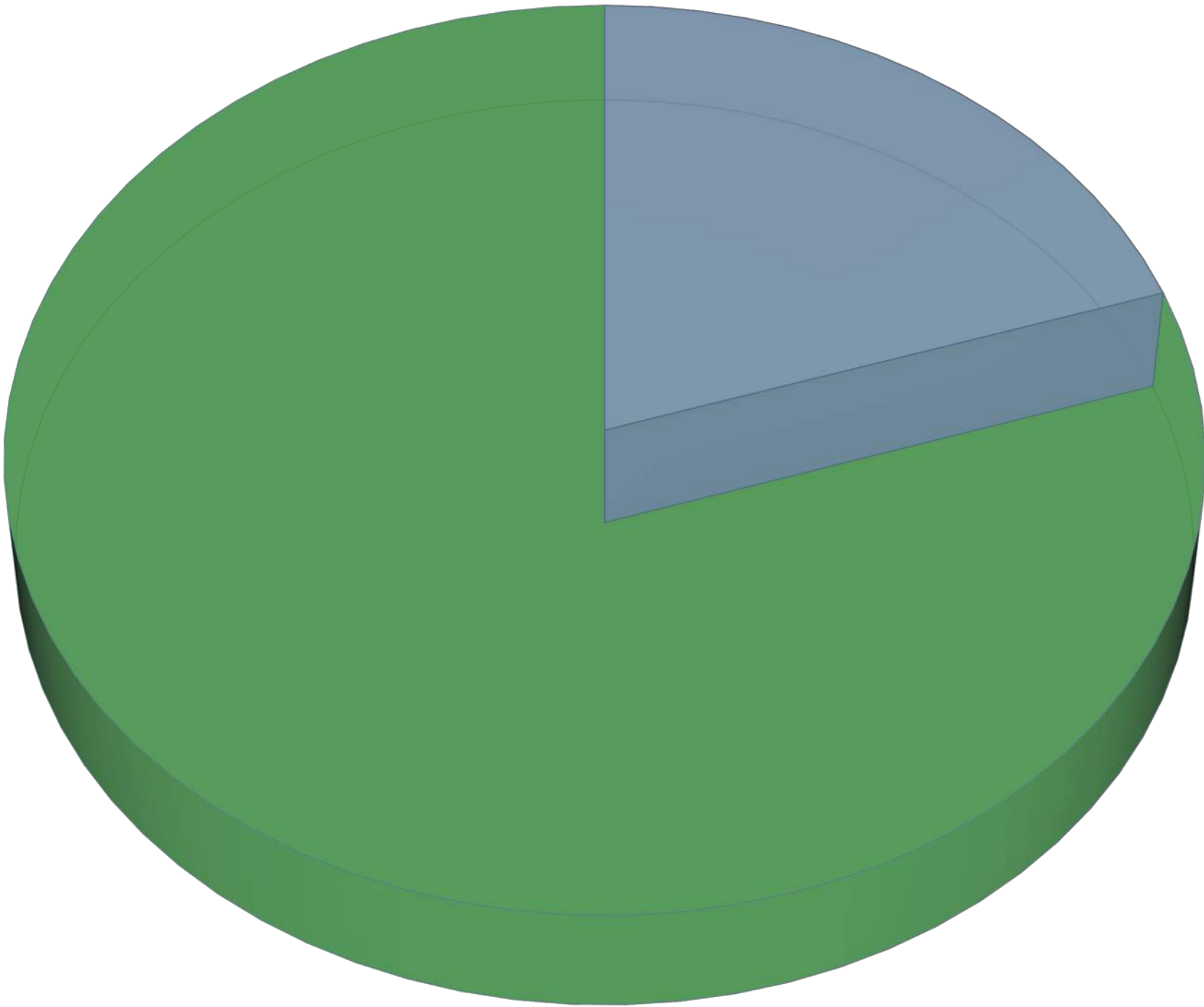
Students at Risk 2021 ACAP

3rd Grade



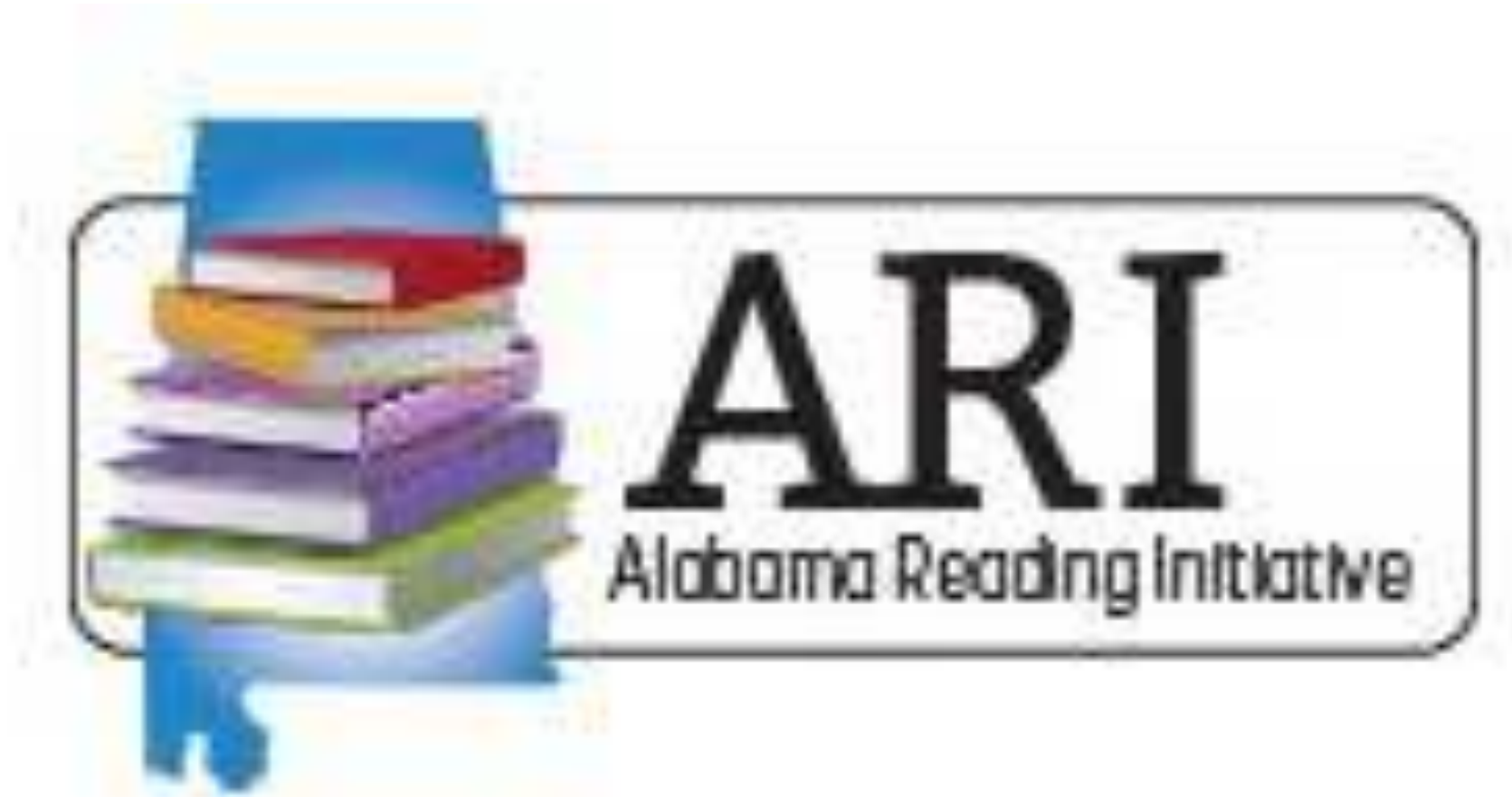
23%

2nd Grade



22%

Students at Risk 2021 ACAP

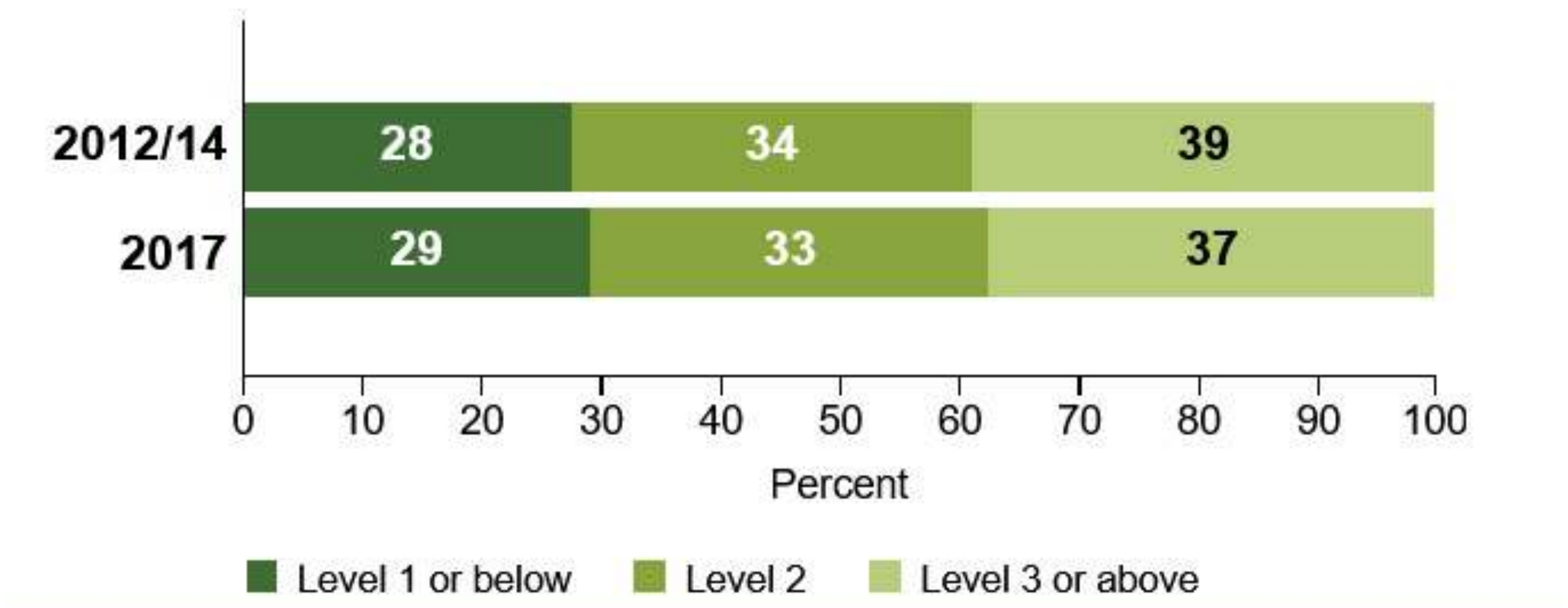


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Literacy Act

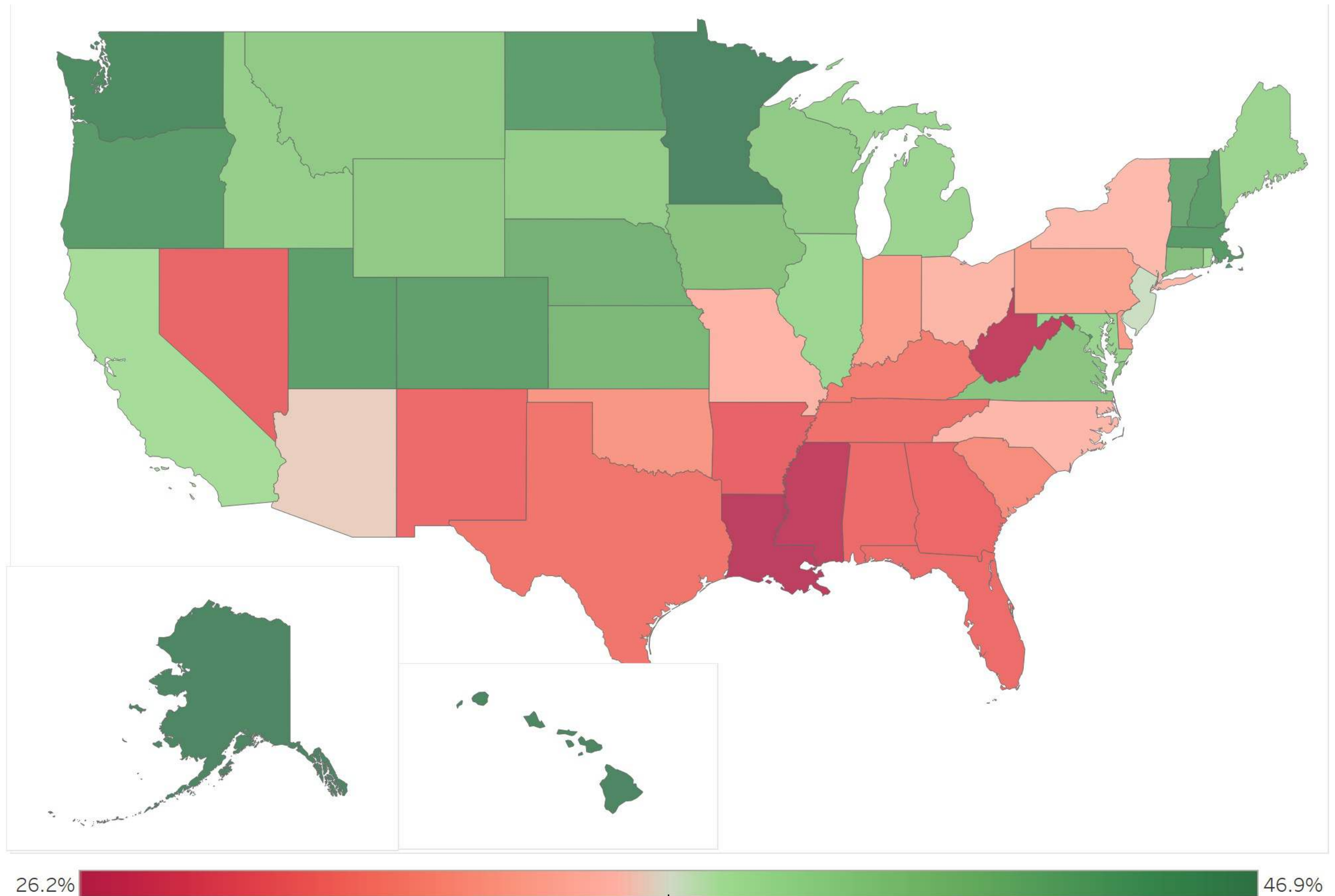
What About
Math?

Numeracy: Adults 16 to 65

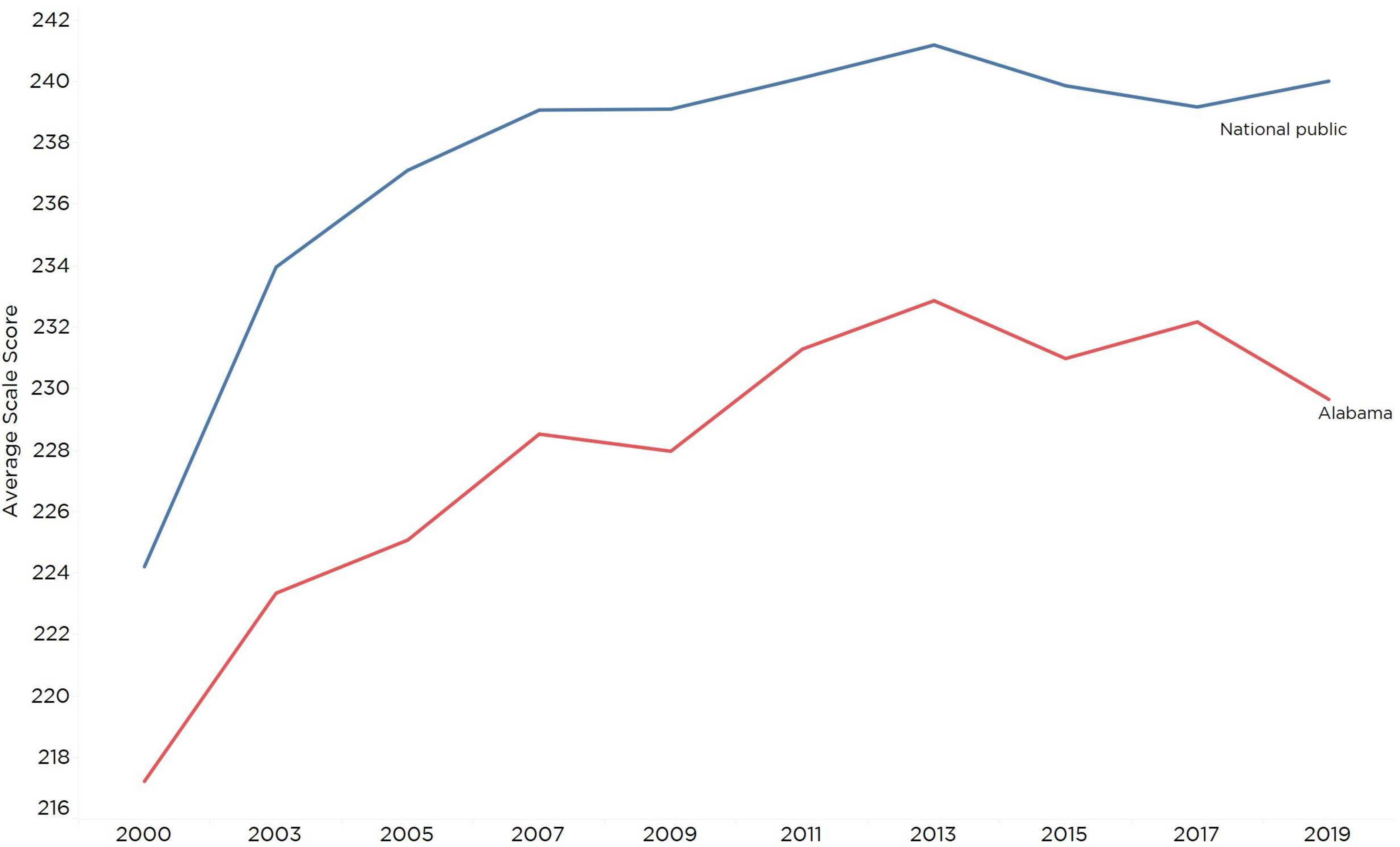


NCES: Percentage distribution of U.S. adults age 16 to 65 at selected levels of proficiency on PIAAC literacy: 2012/14 and 2017

Numeracy: Adults 16 to 65



NAEP 4th Grade Math Scores: 1998 to 2019





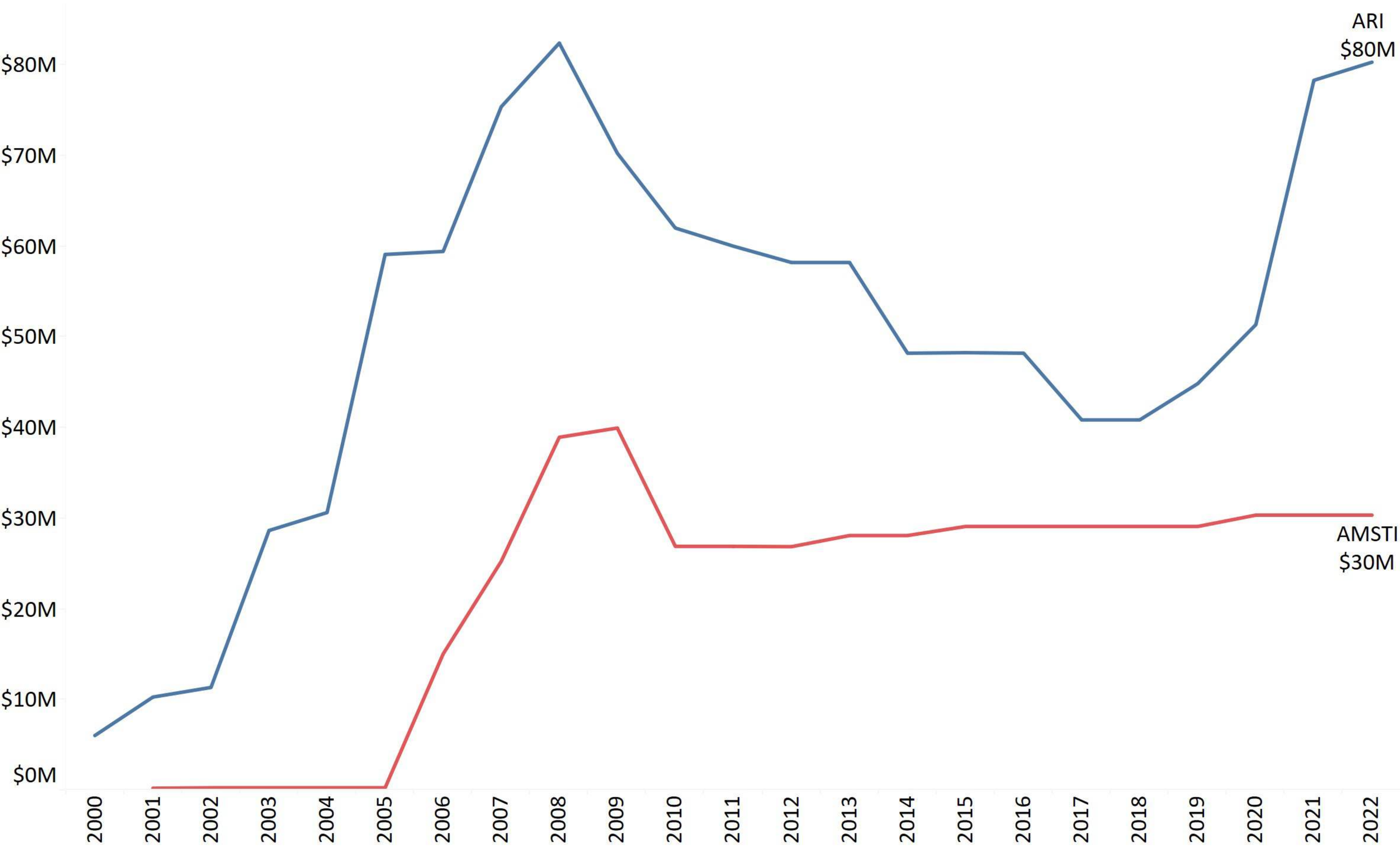
AMSTI

Alabama Math, Science,
and Technology Initiative

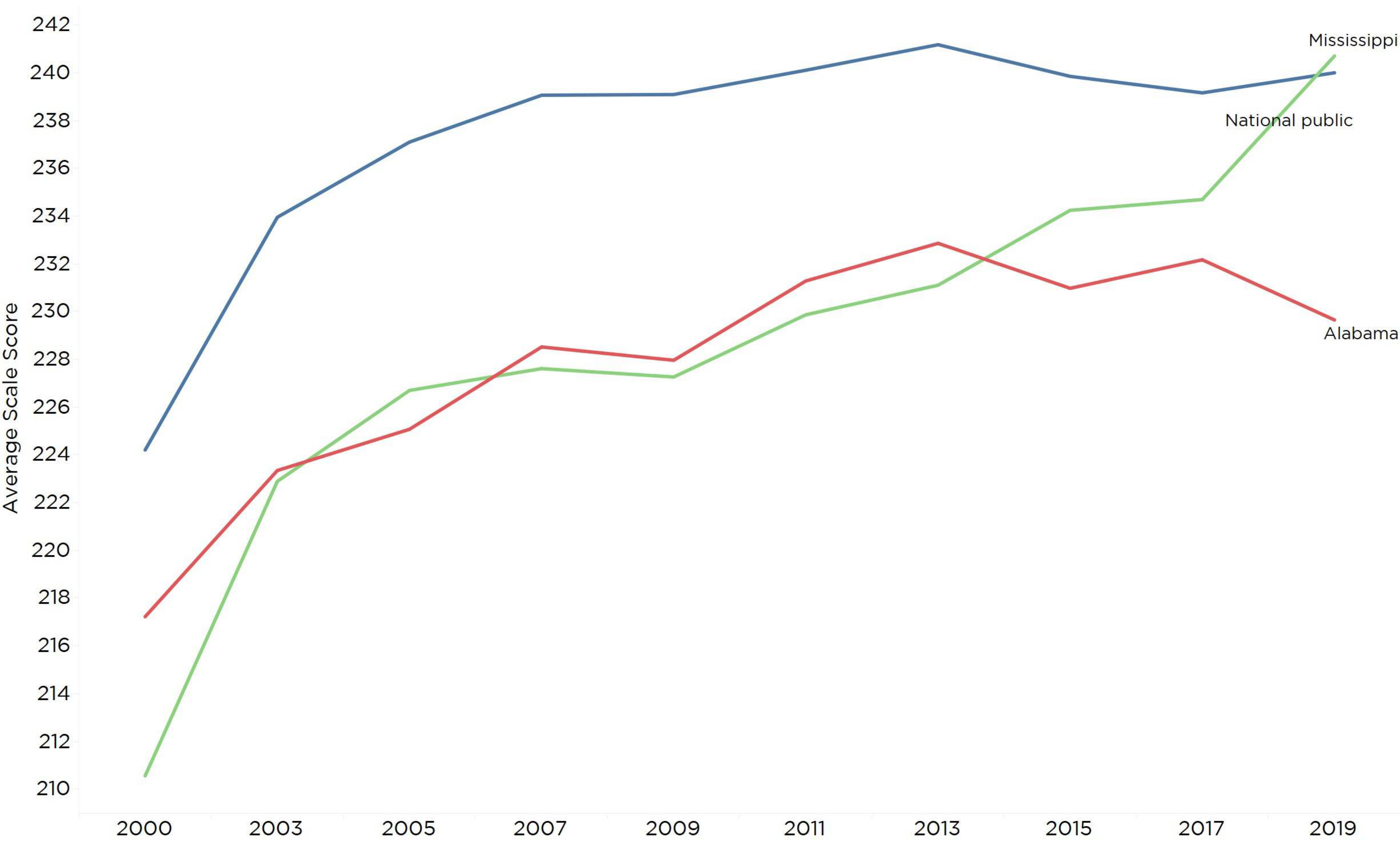
Alabama Math, Science, and Technology Initiative

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

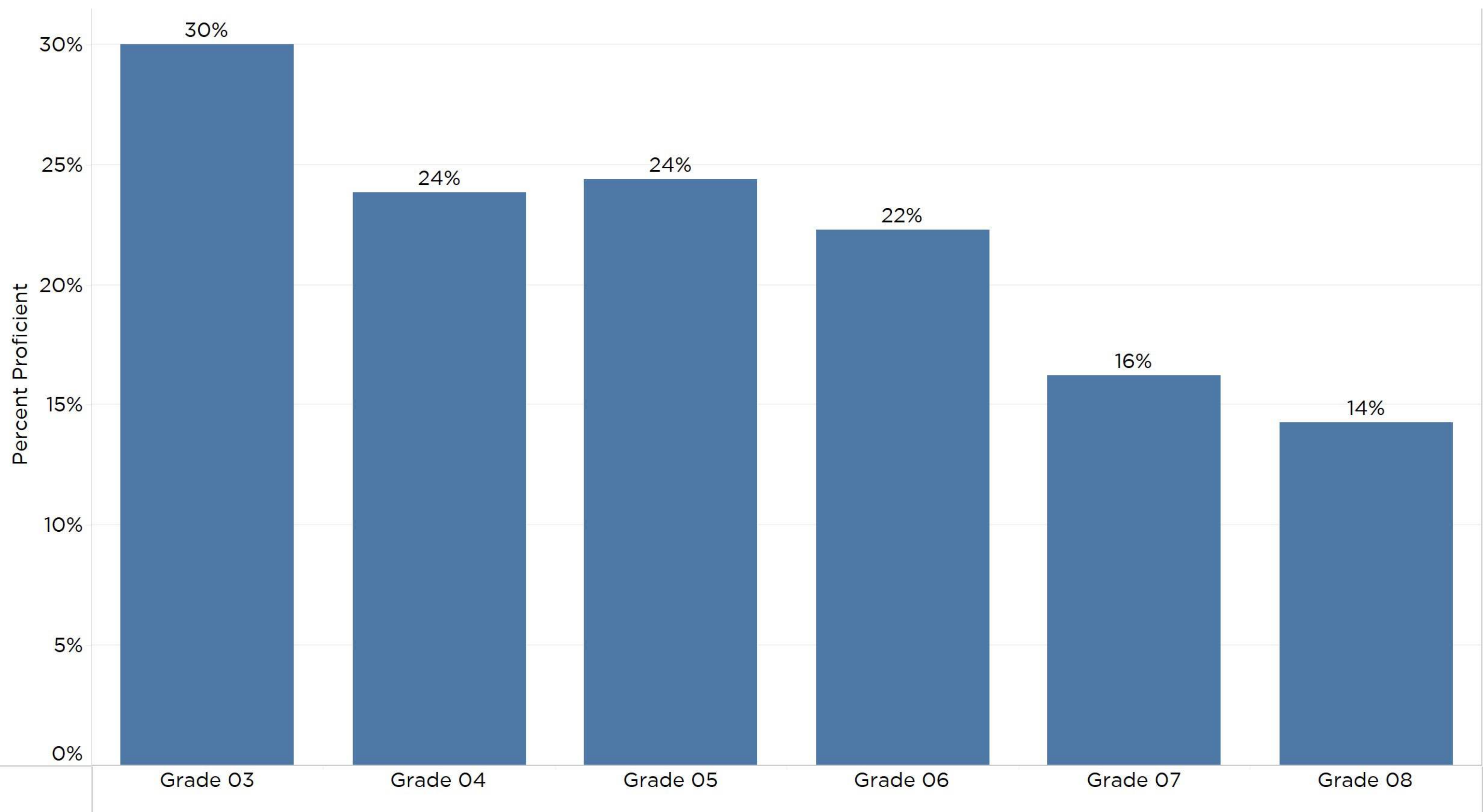
ARI & AMSTI Funding: 2000 to 2022



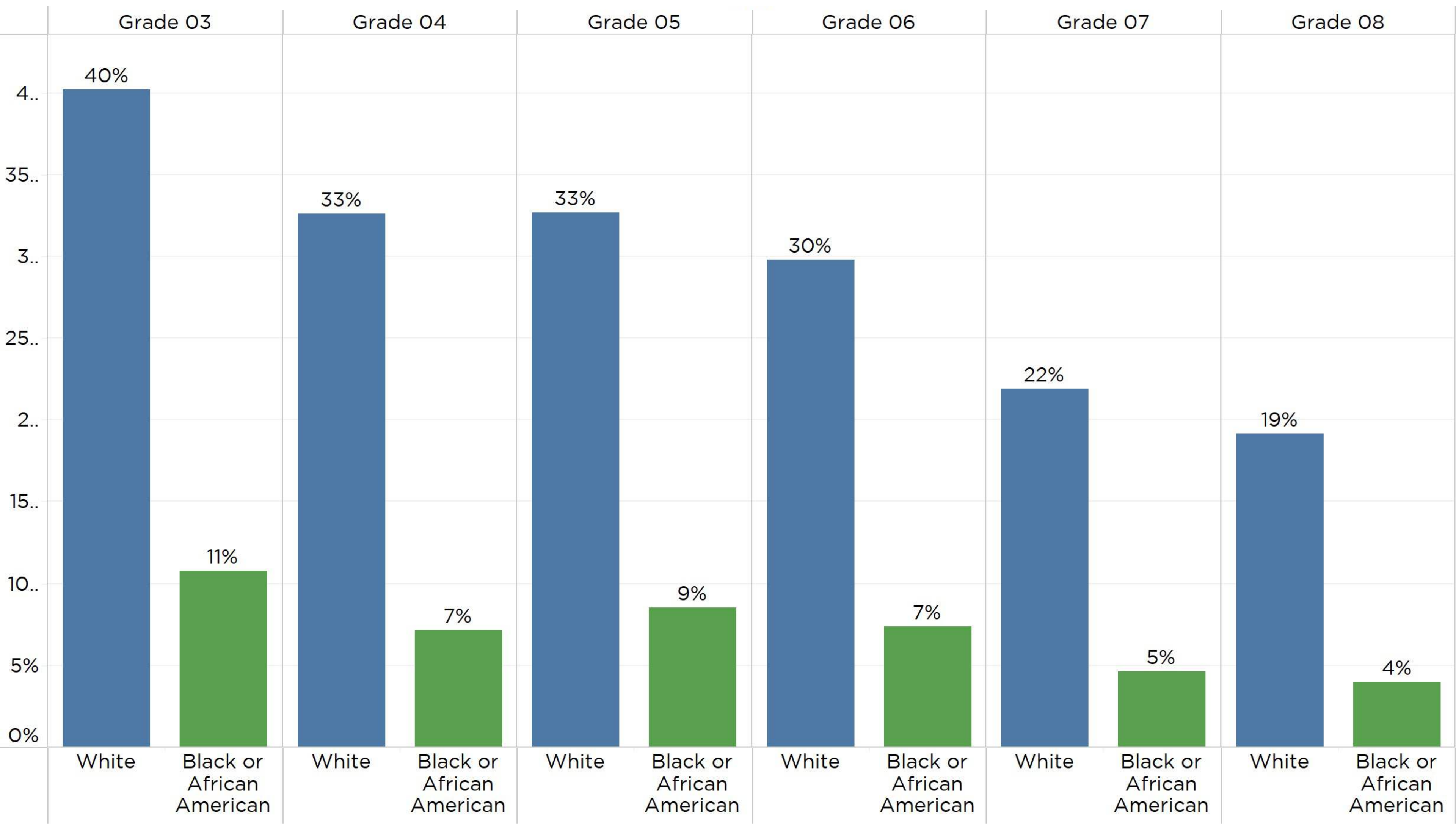
NAEP 8th Grade Math Scores: 1998 to 2019



ACAP: Math Proficiency

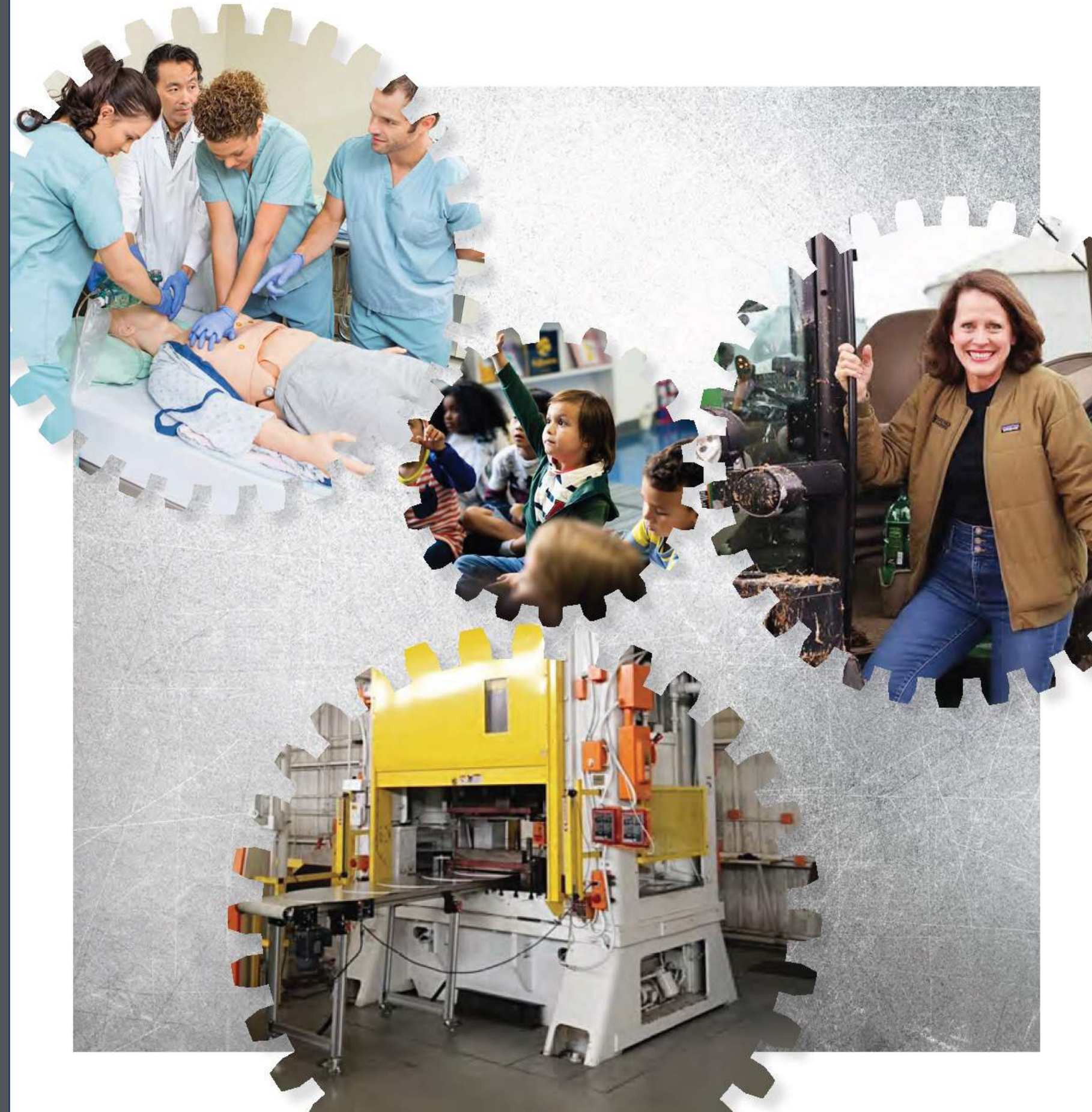


ACAP: Math Proficiency-Black vs. White



FORGING ALABAMA'S FUTURE:

Improving Educational Attainment
and Workforce Development



Forging Our Future: A Checklist For Success

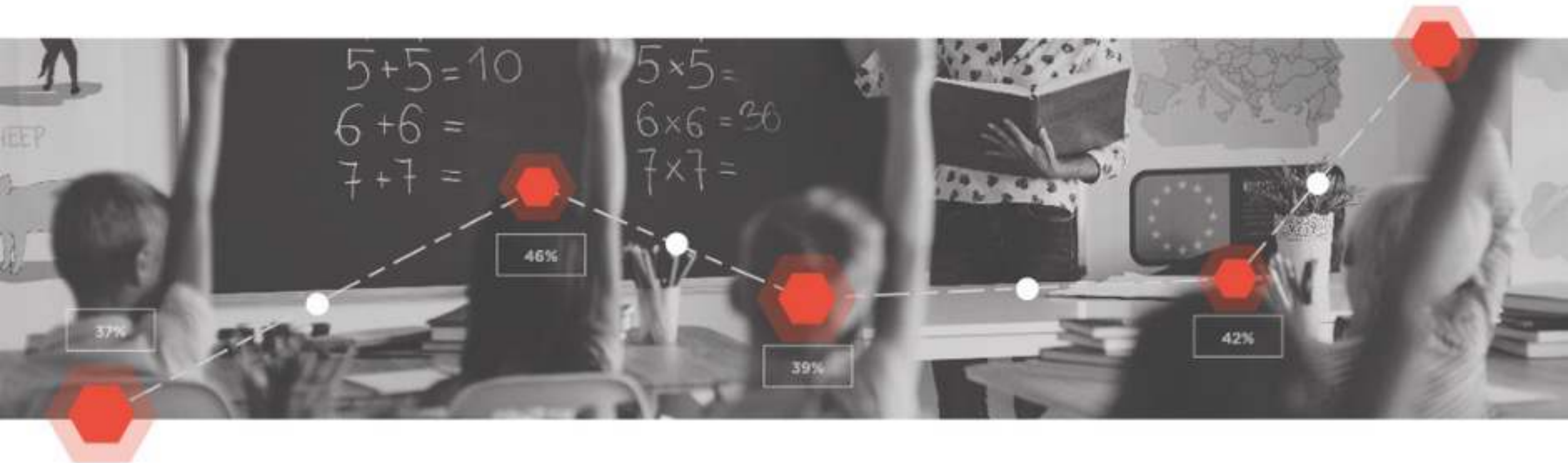
- ☐ **Raise Alabama's labor force participation rate** to the national average by 2025. Working in partnership with business and industry, use community colleges, workforce investment programs, and nonprofit support services to target special populations currently underrepresented in the workforce.
- ☐ 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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