

Arizona's Education Climate

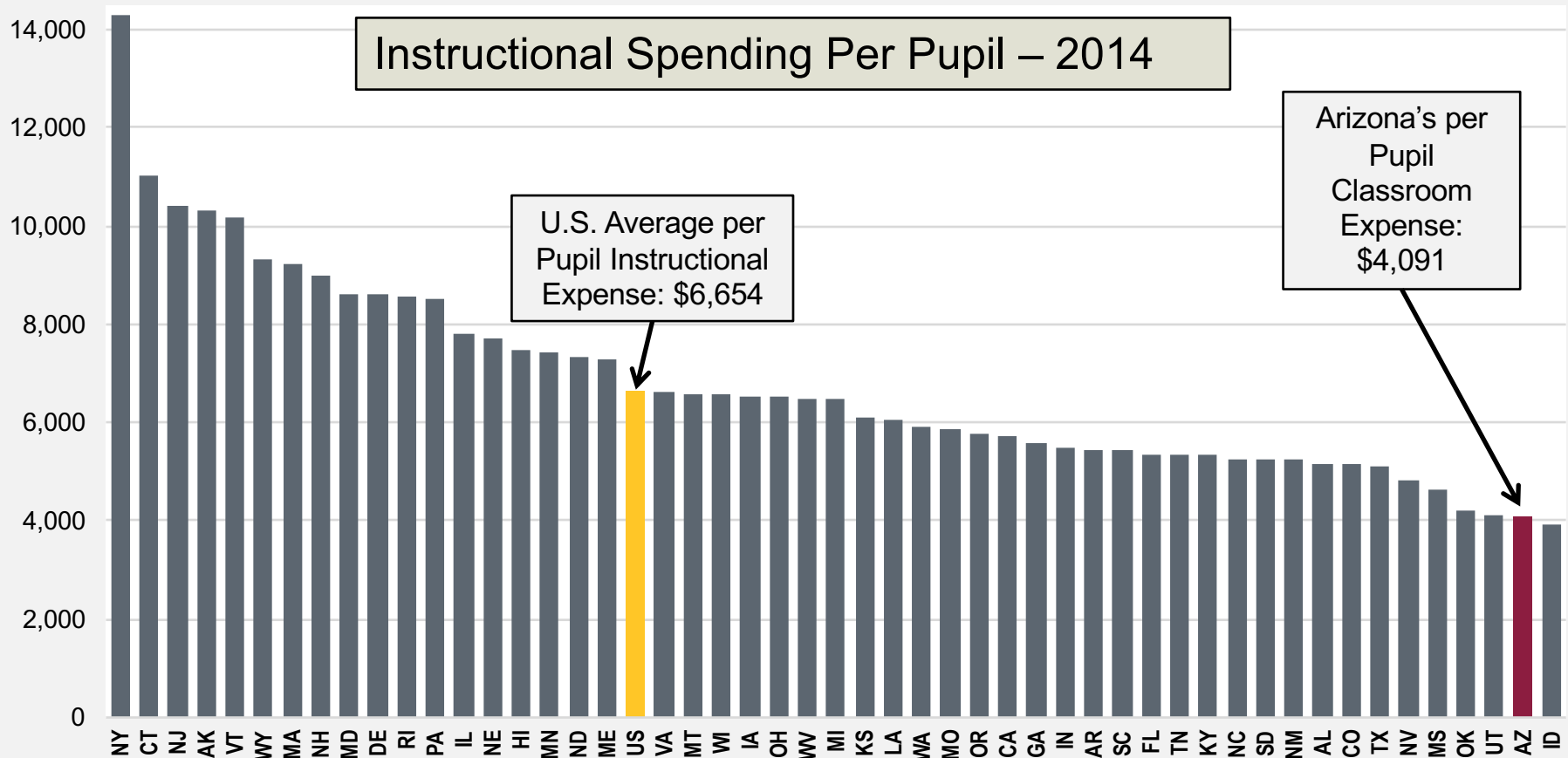
*Good news, bad news, and
clearing up some common
misconceptions*

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January 5, 2017

 Morrison Institute
for Public Policy

ARIZONA STATE UNIVERSITY

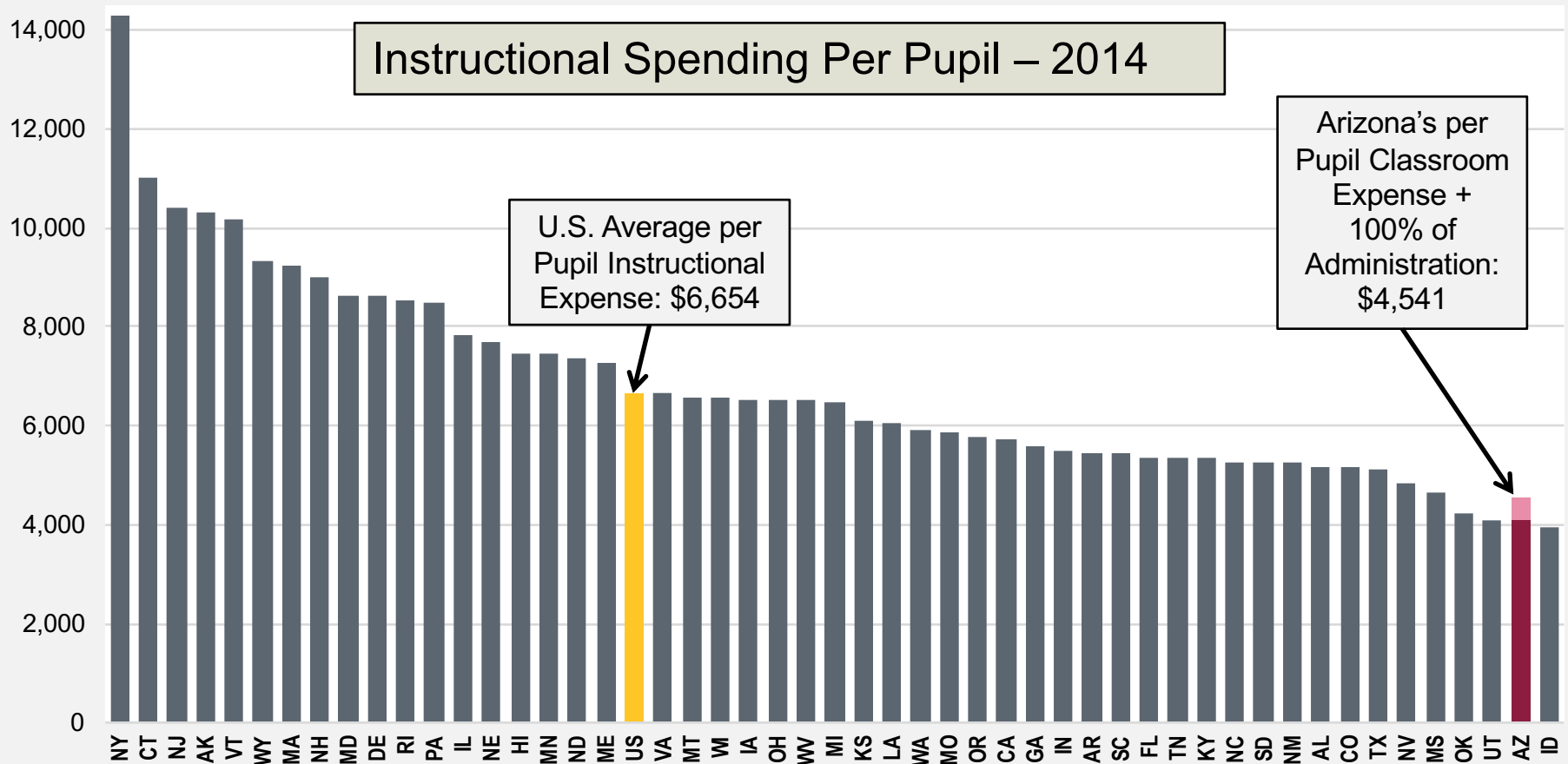
Arizona's Relative K-12 Funding



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

Arizona has been near the bottom when it comes to K-12 spending for years.

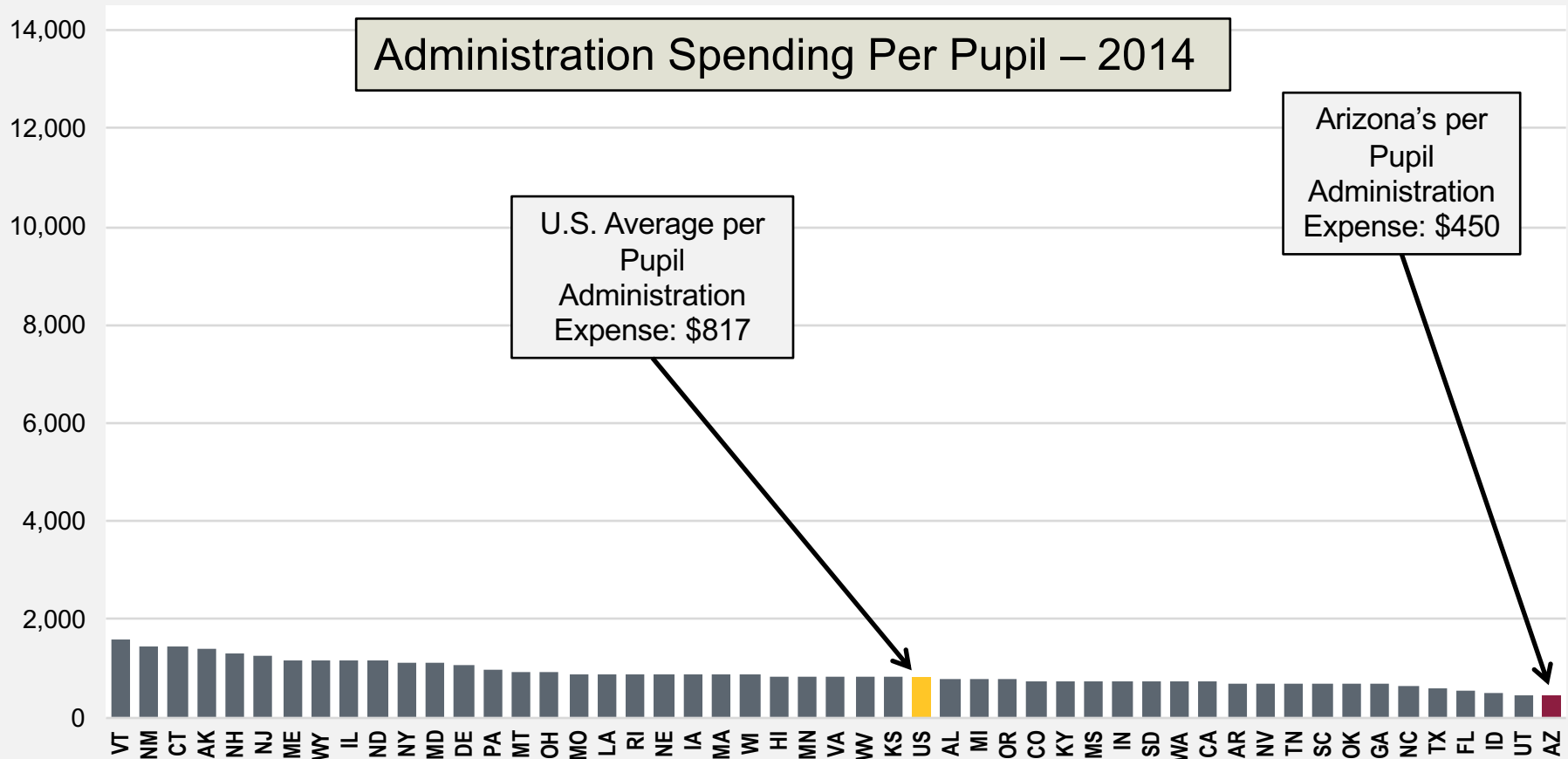
Arizona's Relative K-12 Funding



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

If all administration expenses were moved to the classroom, AZ would move from 49th to 47th place.

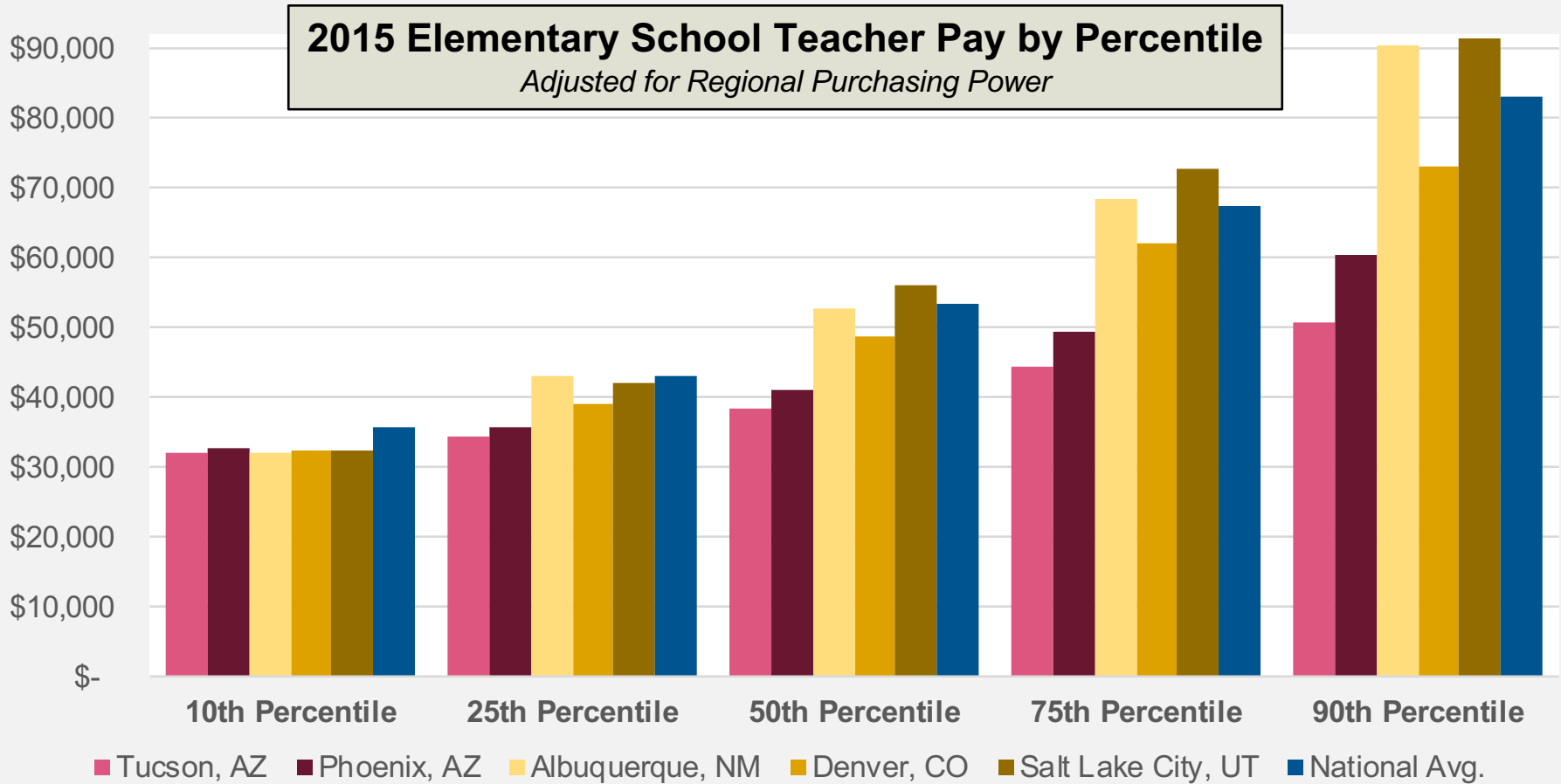
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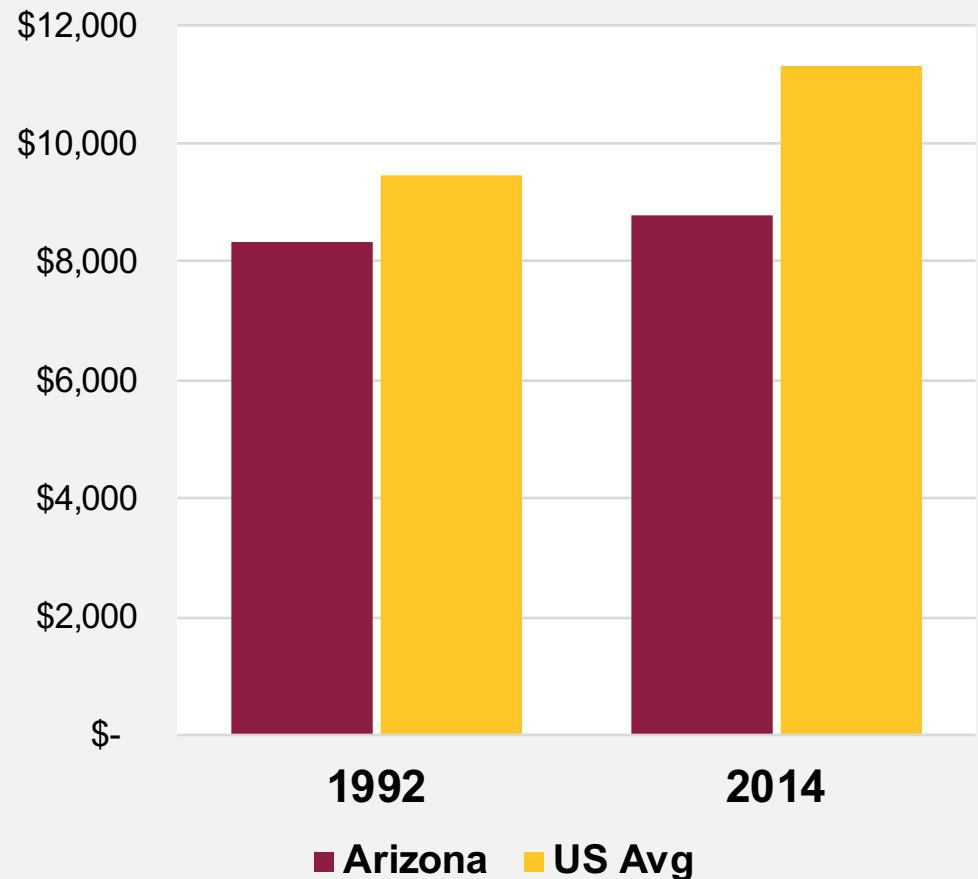


Source: Bureau of Labor Statistics

80% of all K-12 spending goes to salaries and benefits, so low education funding means low-pay for teachers. Phoenix and Tucson teachers are paid substantially less than those in competitor cities, even when controlled for cost of living.

Historic Trend

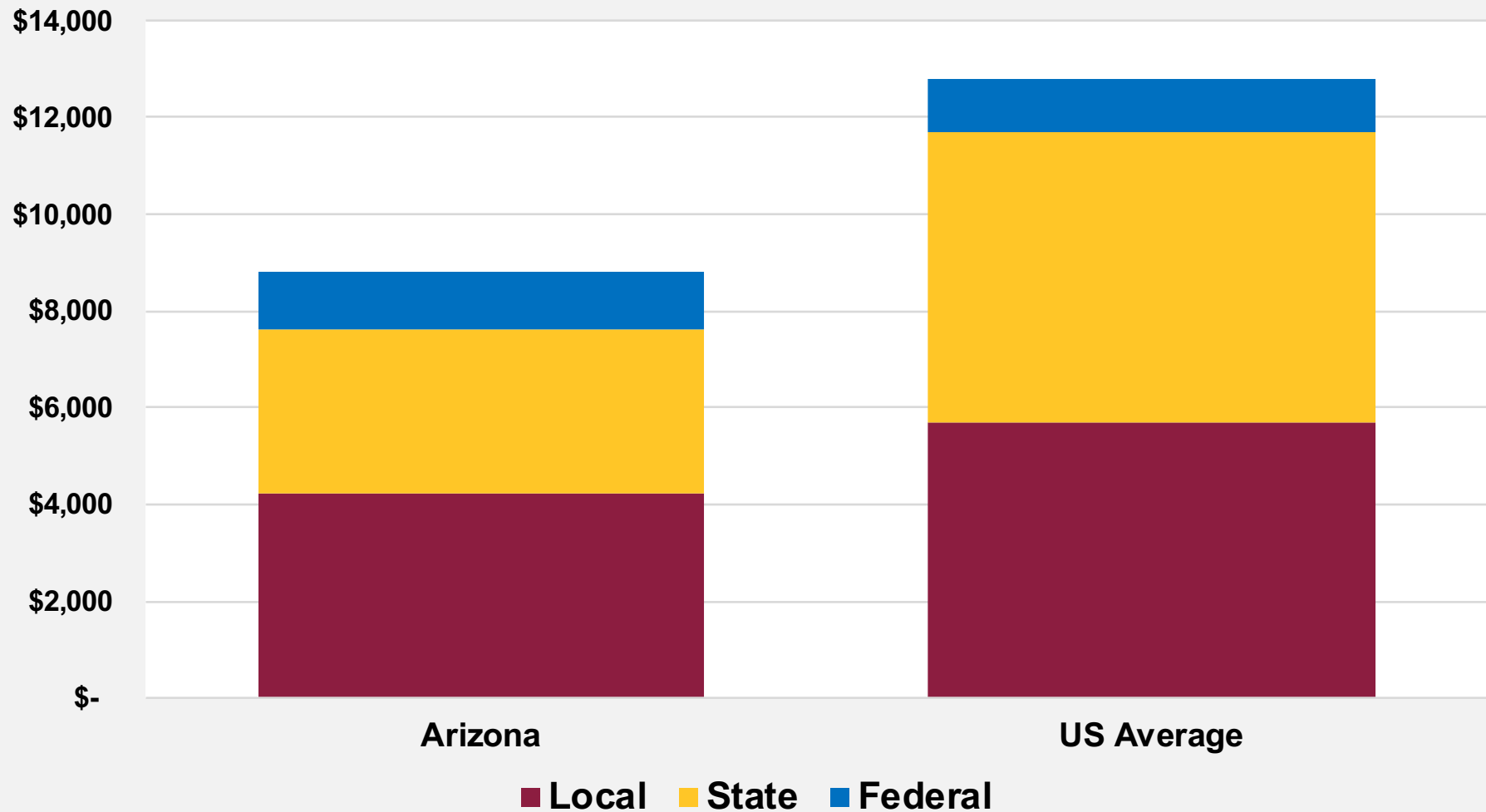
- Arizona was ranked 34th in per-pupil revenue in 1992
- 12% below US average
- Ranked 48th in 2014
- 31% below US average
- AZ increased real funding by 5% 1992-2014
- US increased 19%
- State share of revenue declined 4%



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

Where Does K-12 Funding Come From?

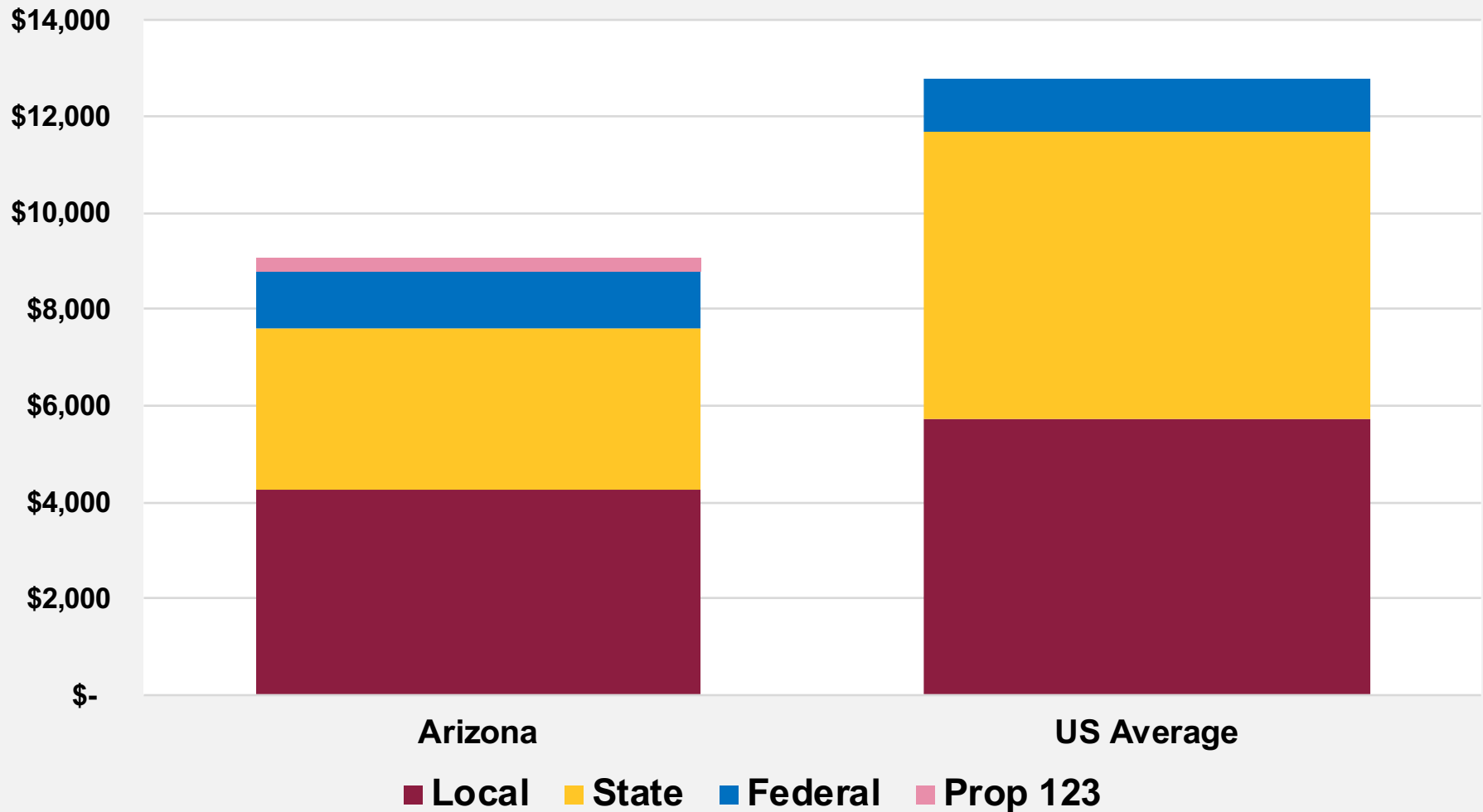
2014 K-12 Per-Pupil Revenue by Fund Source



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

Prop 123 Funding

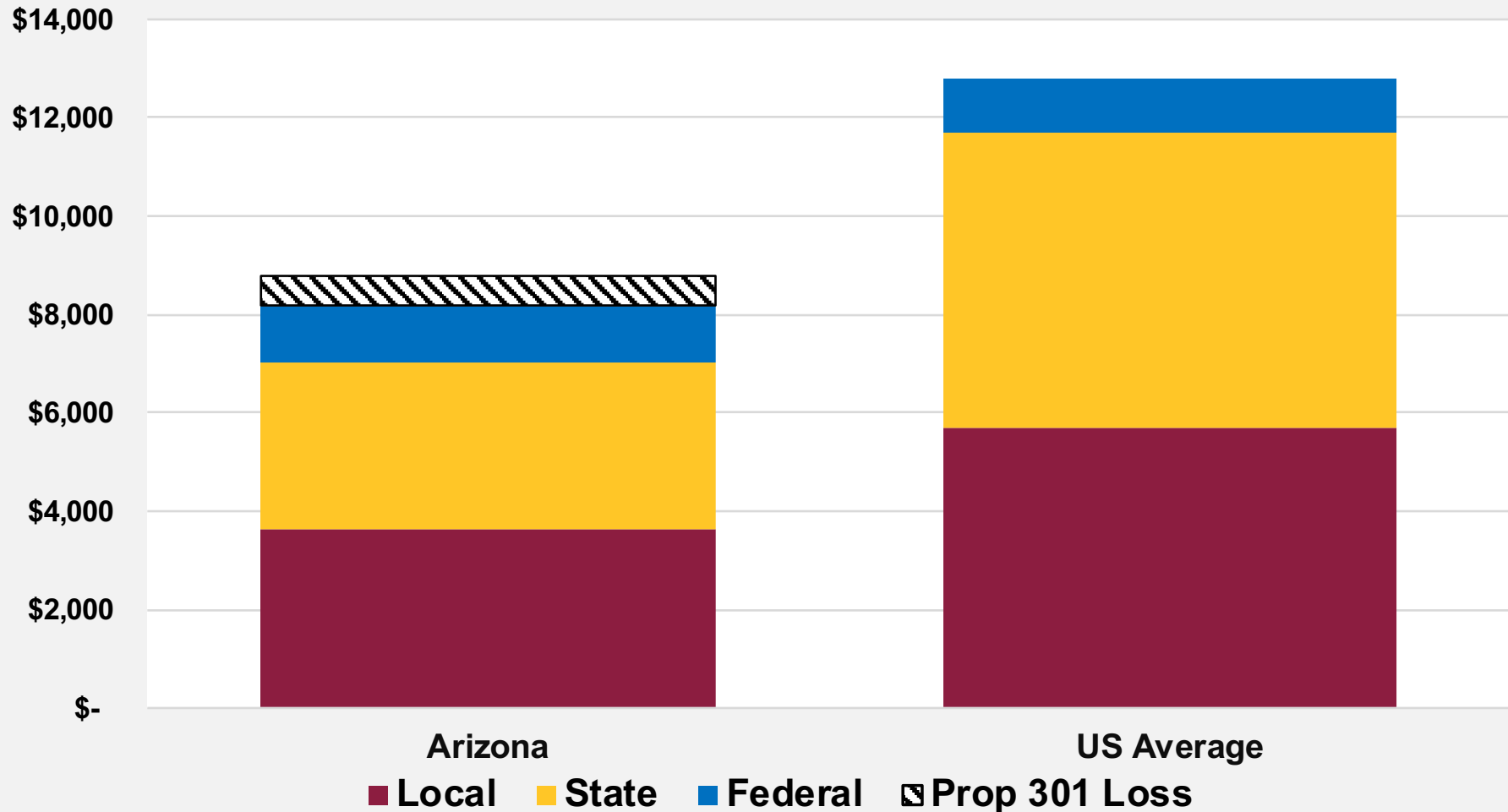
Prop 123 adds about \$300 per student until 2025



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

Prop 301 Expiration

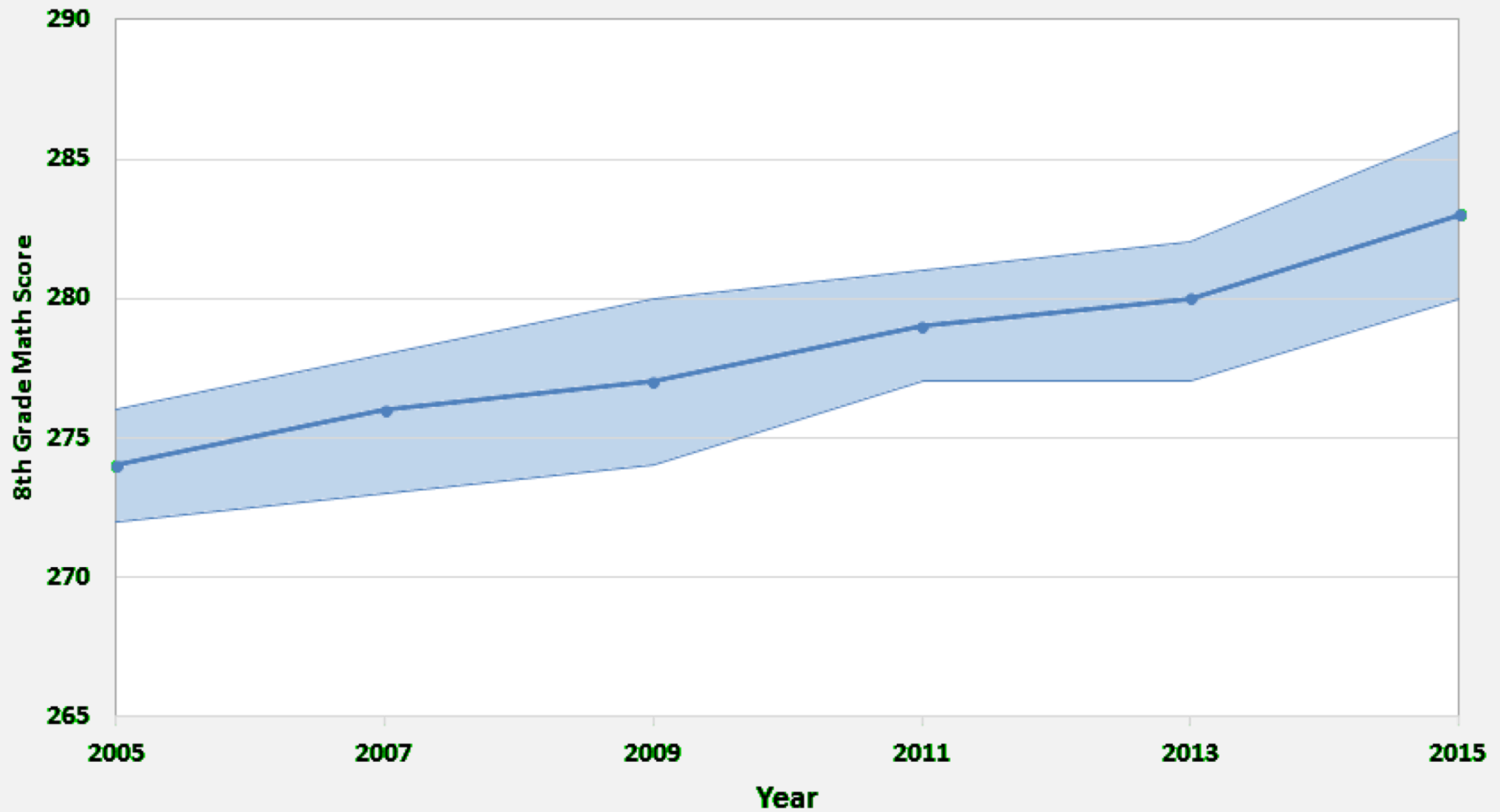
Prop 301 expires in 2021: loss of \$600 per student



Source: U.S. Census Bureau Public Elementary–Secondary Education Finance Data

NAEP Results

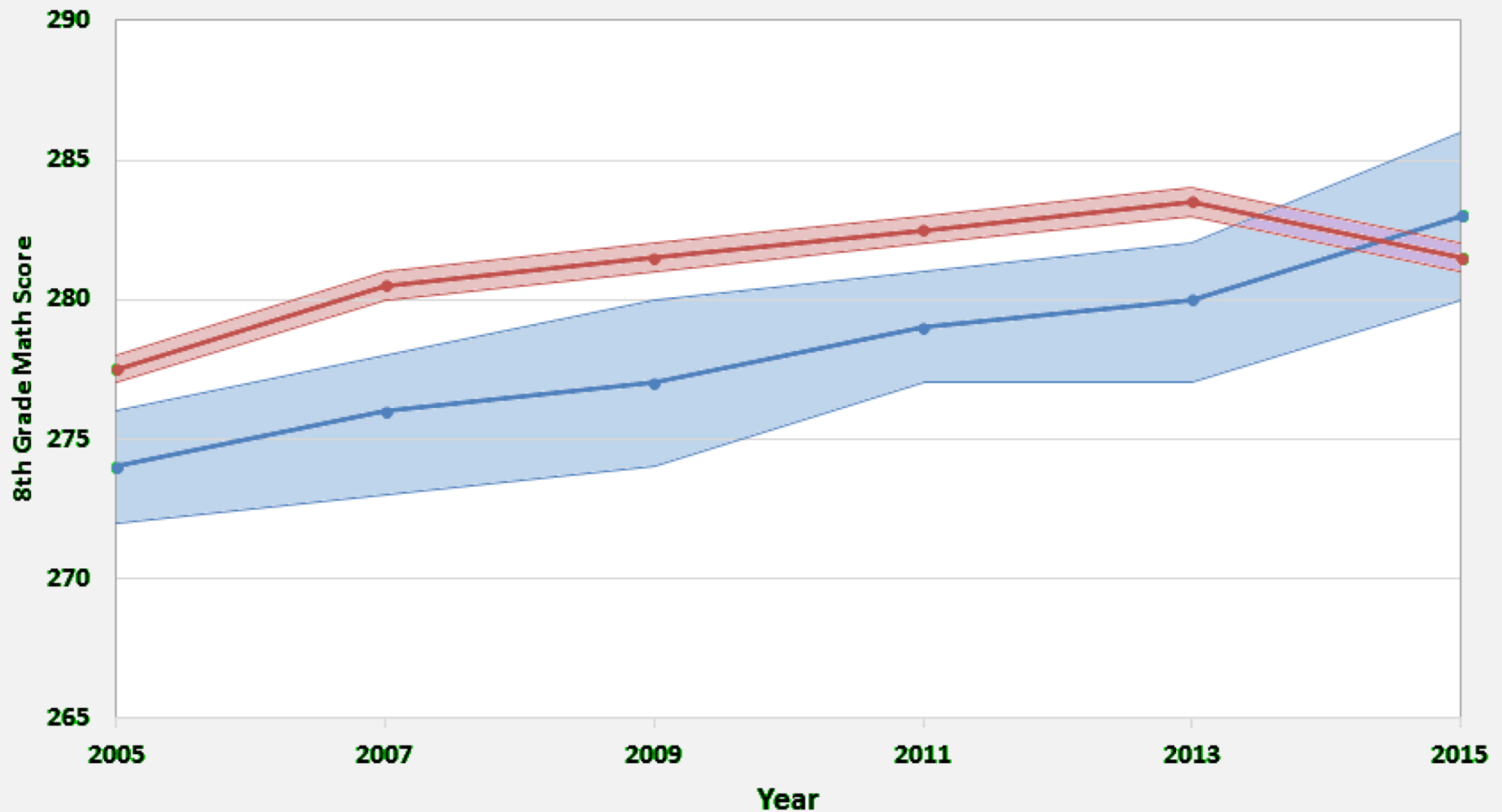
Arizona's 8th Grade Math Scores: 2005-2015



Source: National Center for Education Statistics NAEP Data Explorer

NAEP Results

Arizona's 8th Grade Math Scores: 2005-2015



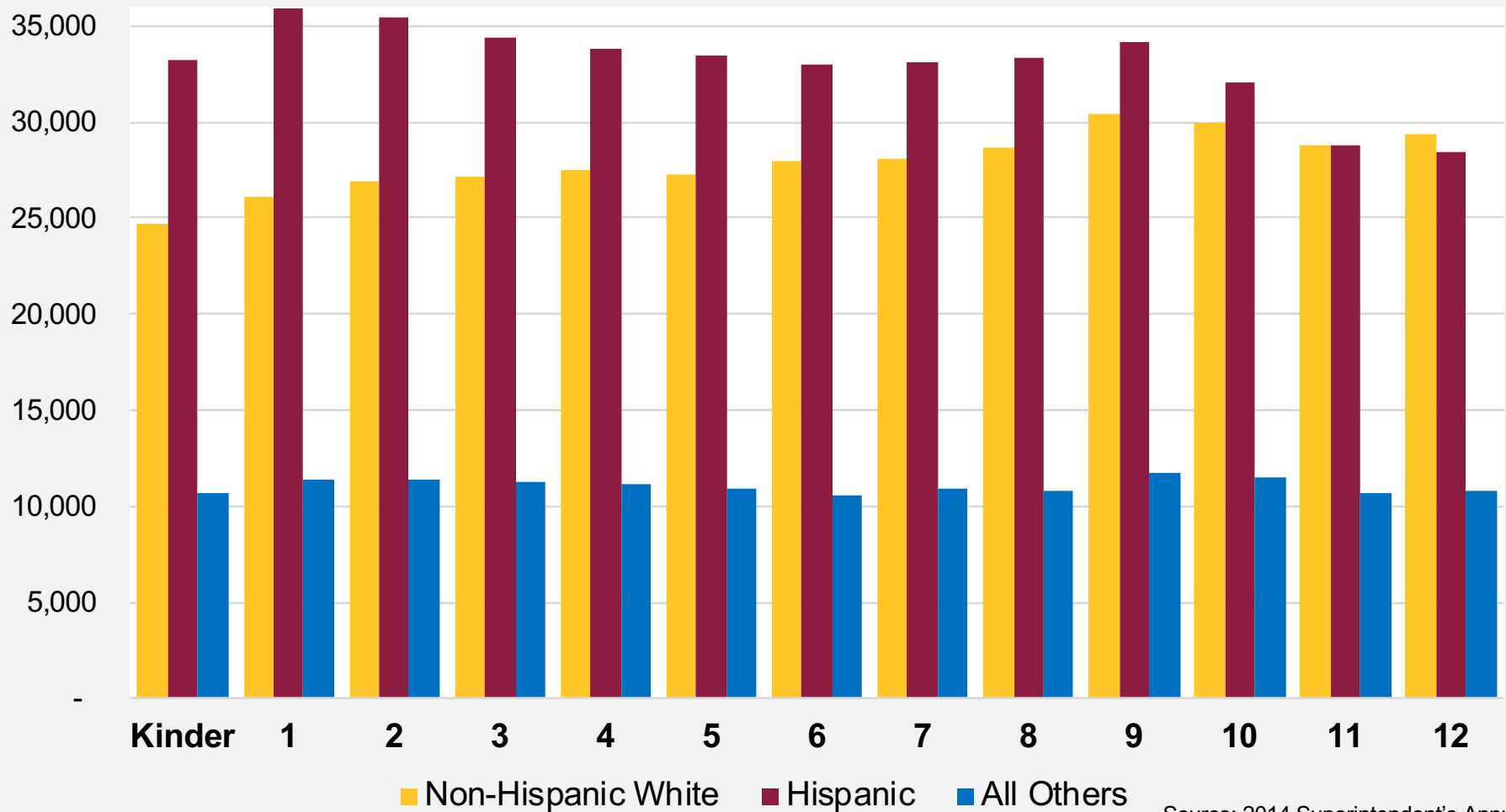
Source: National Center for Education Statistics NAEP Data Explorer

NAEP Results

Arizona is the only state to have statistically significant increases in Grade 4 and Grade 8 scores for Math, Reading, and Science for 2009-2015

Public Schools

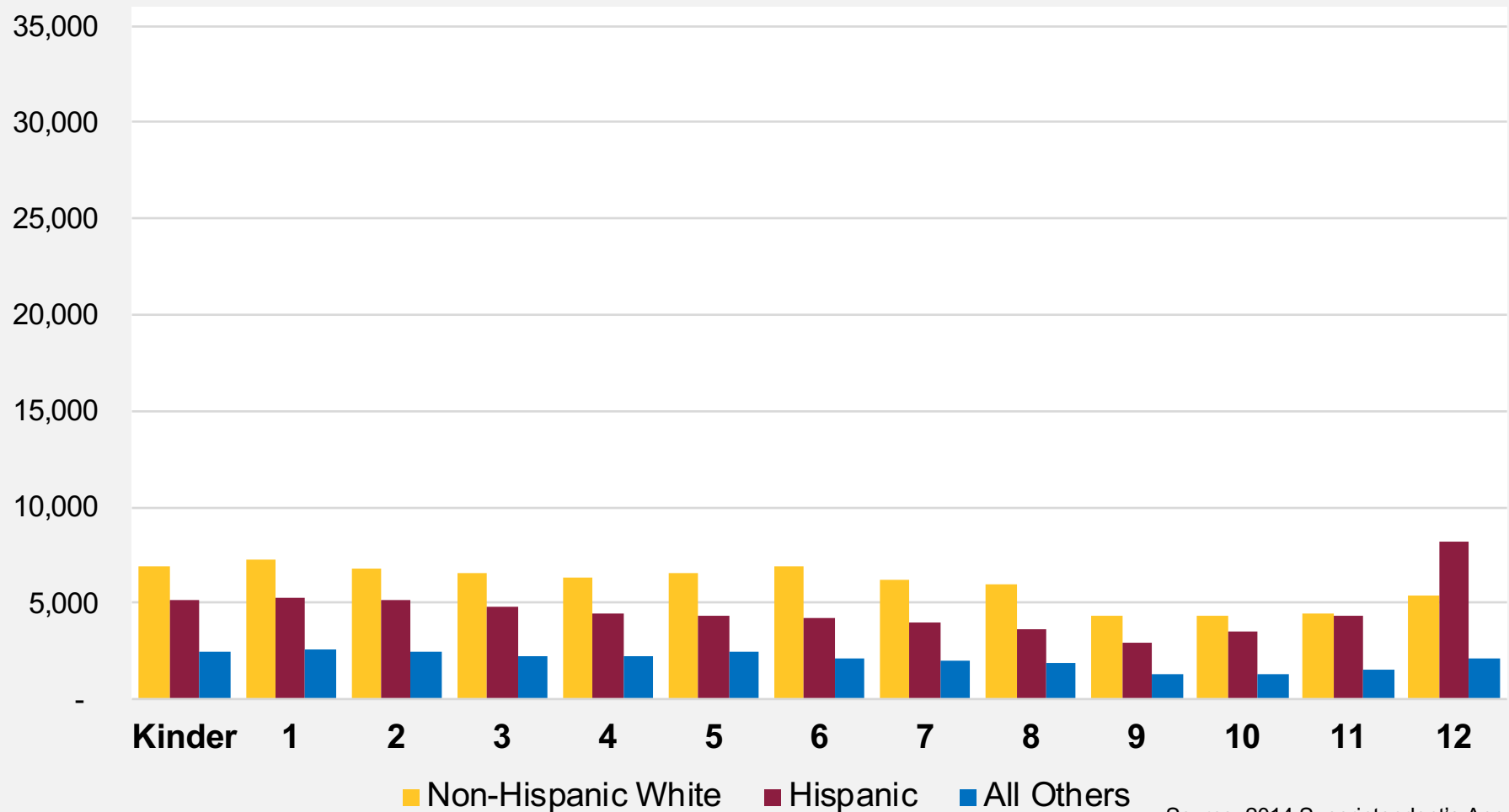
District Enrollment by Grade 2014-15



Source: 2014 Superintendent's Annual Report

Charters and District Schools

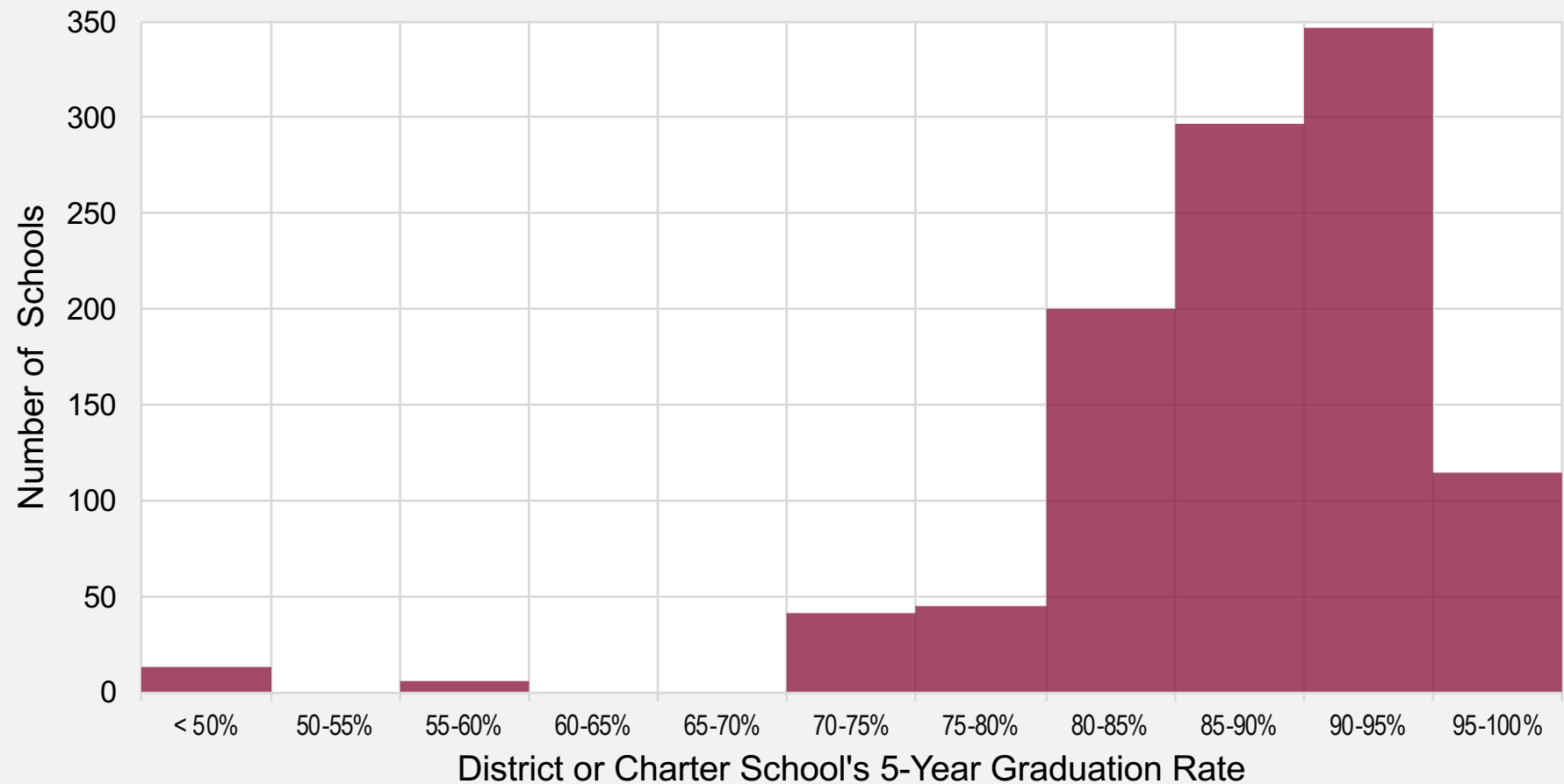
Charter Enrollment by Grade



Source: 2014 Superintendent's Annual Report

Charters and District Schools

High School Graduation by Number of Schools

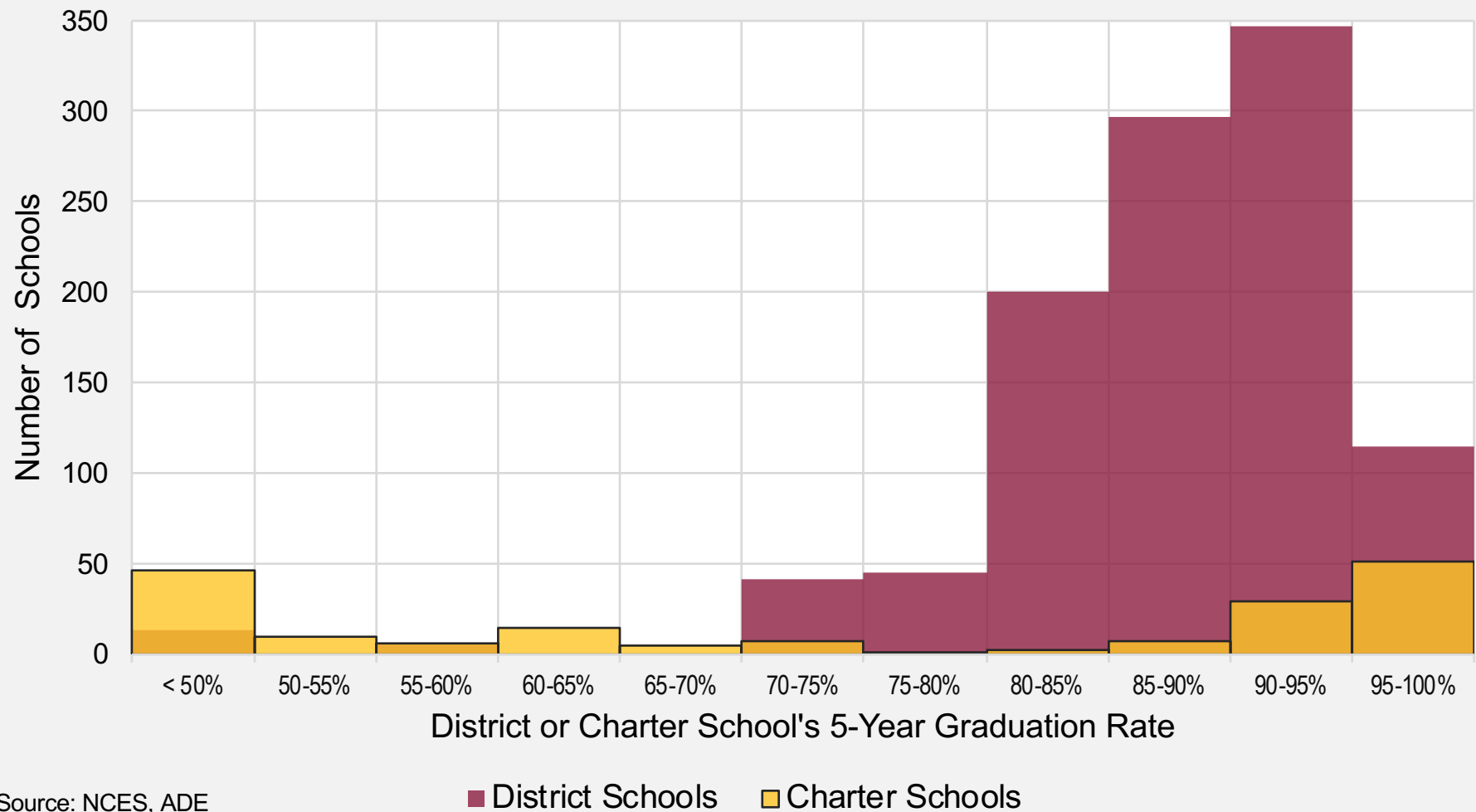


Source: NCES, ADE

■ District Schools

Charters and District Schools

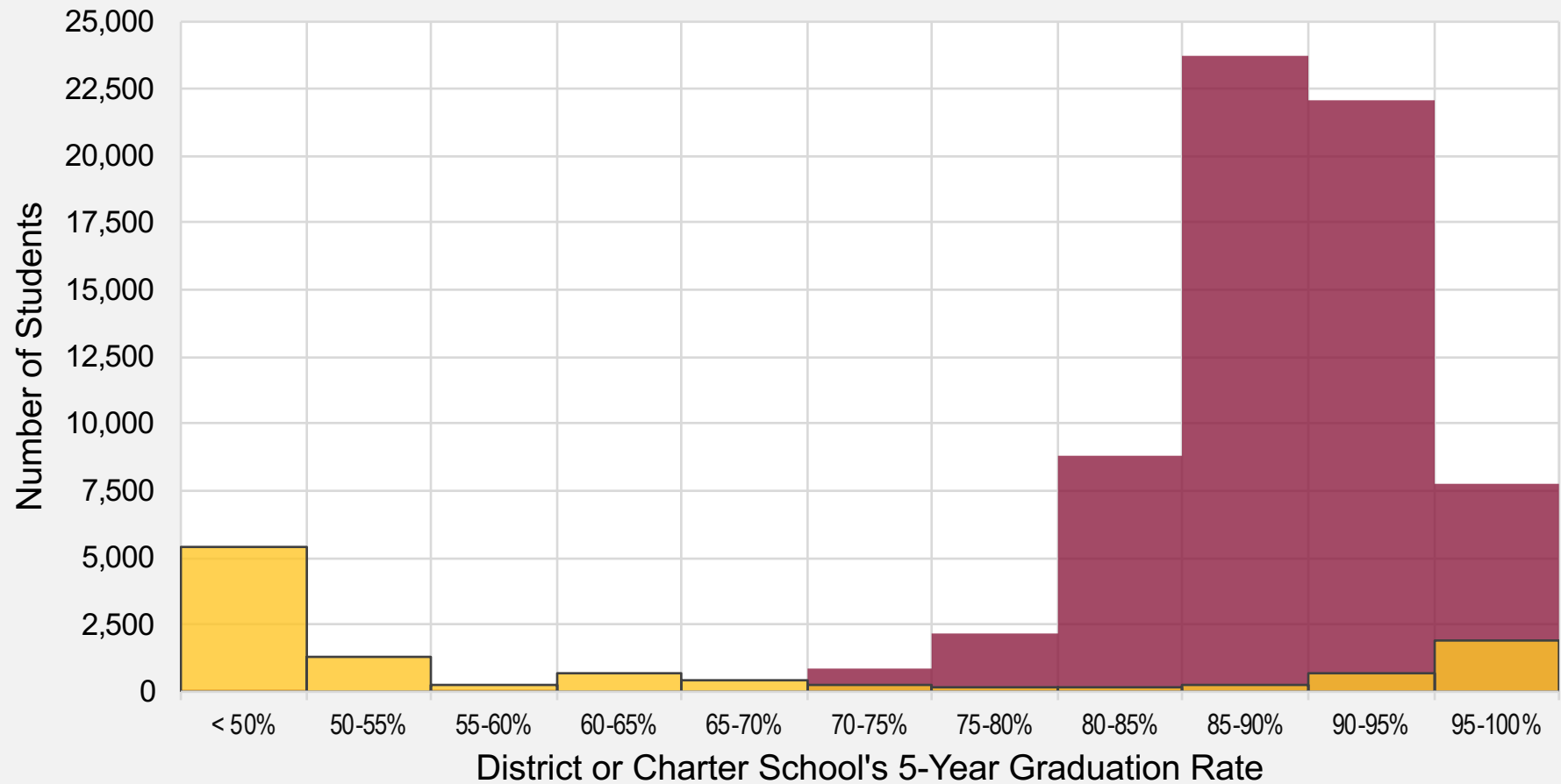
High School Graduation by Number of Schools



Source: NCES, ADE

Charters and District Schools

High School Graduation by Number of Students

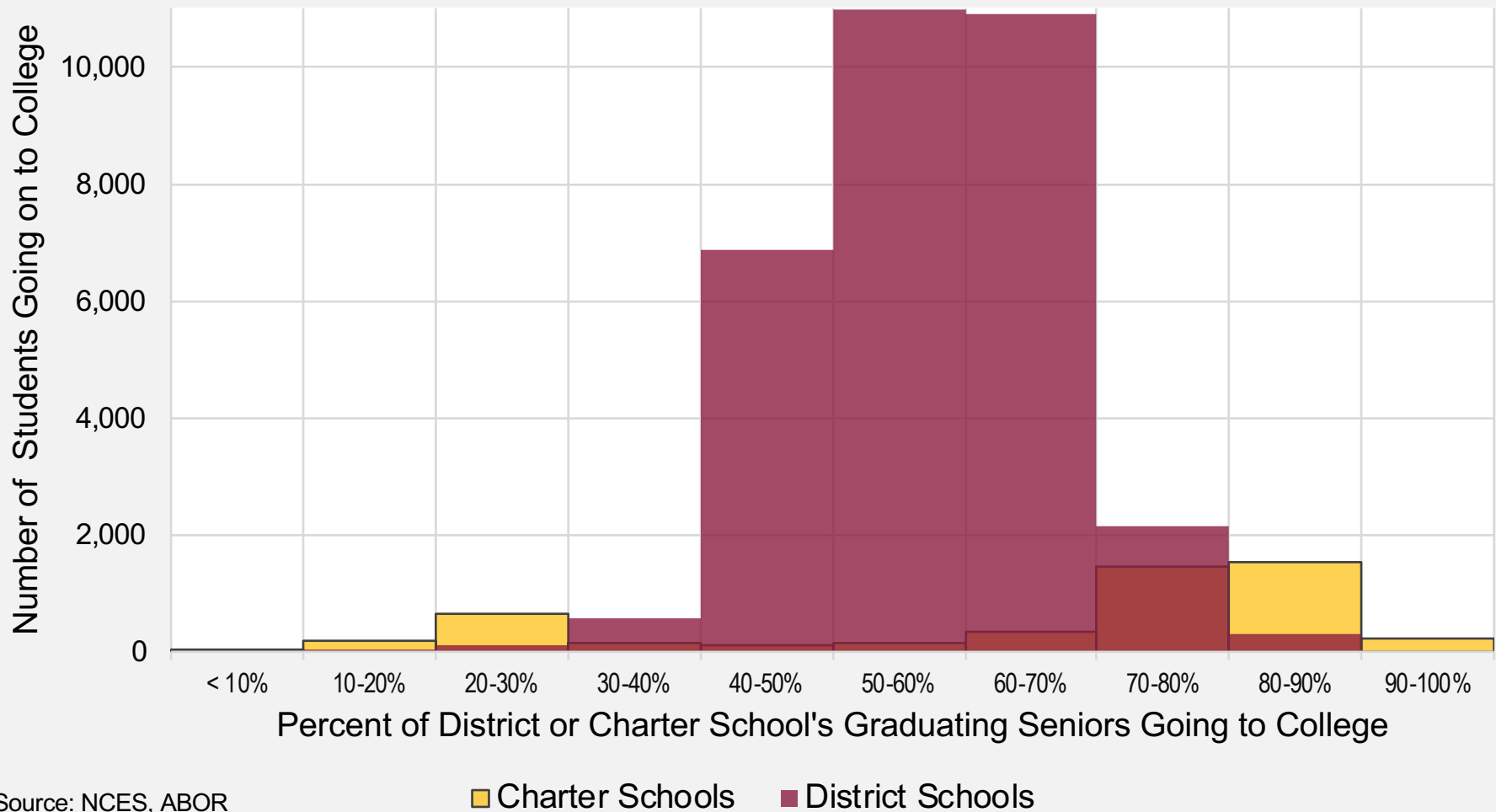


Source: NCES, ADE

■ District Schools ■ Charter Schools

Charters and District Schools

College Attendance by Number of Graduates



Source: NCES, ABOR

Who Controls K-12 Education?

Standards:

What should students know?

- Arizona statutes have mandated standards since at least the 1990s.
- Although the federal government encourages standards, the states decide what those standards are.
- Arizona College and Career Readiness were adopted in 2010.
- New standards for English and Math were adopted in December 2016.
- These standards were developed in Arizona by volunteer committees of teachers, parents, administrators, and others.

Who Controls K-12 Education?

Standards:

What should students know?



Curriculum:

How will students be taught the content of the standards?



- Curriculum is set by individual districts and charter holders.
- Curriculum includes specific course offerings and textbook selection.
- By statute, the local districts and charters set the curriculum.
- Curriculum must be aligned to the standards set by the state.

Who Controls K-12 Education?

Standards:

What should students know?



Curriculum:

How will students be taught the content of the standards?



Assessment:

How will we know what is working?



- AIMS was a high school graduation requirement from 2006 to 2015.
- AZMerit is now used to test College and Career Ready standards.
- AZMerit is *not* a graduation requirement.
- Students are required to pass the same civics test taken by naturalized citizens.



A R I Z O N A S T A T E U N I V E R S I T Y

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