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Bureau of Legislative Research
Policy Analysis & Research Section



Holding Arkansas Schools Accountable

September 10, 2019



2020 Adequacy

Why ????

Required for Adequacy Study

Your opportunity to evaluate the system

Is it helping ensure adequacy & equity?

Accountability Systems...

- Set expectations for achievement of ALL students
- Communicate whether meeting expectations
- Celebrate those that are; prompt action in those that aren't
- Additional resources to struggling schools

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37 Years of Accountability!

1999:
Act 999 (ACTAAP)

1983:
Dupree v. Alma

Next Generation Accountability

ESSA and AESAP:

*Not your grandfather's
accountability systems*



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“The economy has added 11.6 million jobs since the recession bottomed out ... 99 percent of them have gone to workers with at least some college education.”

*– George Washington University Center on
Education and the Workforce, 2016*

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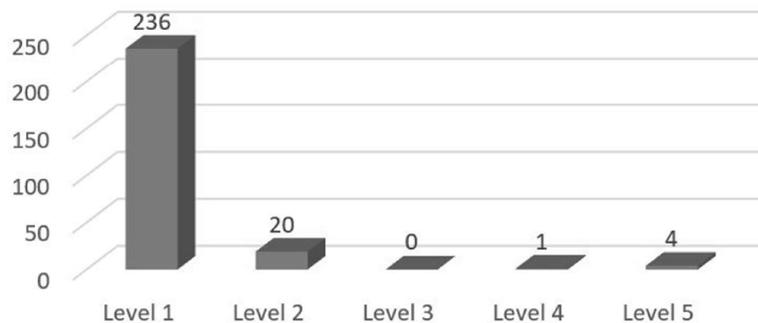
AESAP at 2 Years Old

- 5 Levels of State Support to District:
 - Level 1 – General
 - Level 2 – Collaborative
 - Level 3 – Coordinated
 - Level 4 – Directive
 - Level 5 – Intensive
- Which level?

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AESAP at 2 Years Old

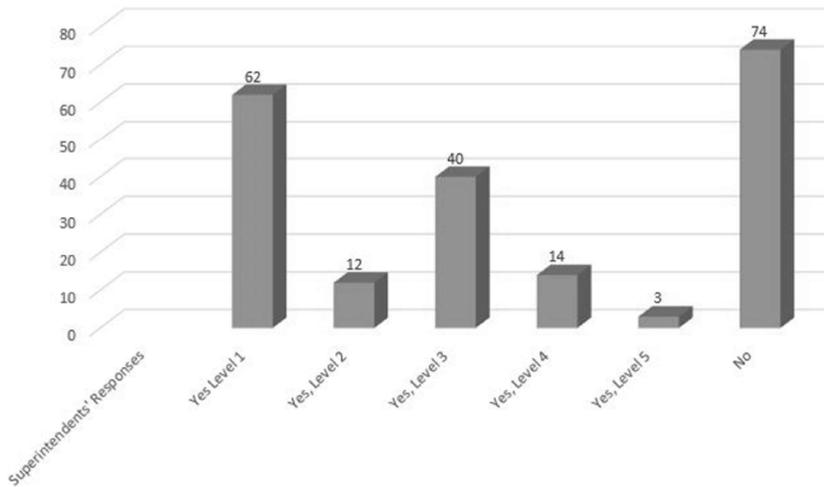
School Districts by Level of Support,
June 2019



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Levels of Support

Do you know which level of support your district is considered to be in?



Levels of Support

- May 1 – school level improvement plans due
- Sept. 1 – school districts support plans due
 - Only for some districts
- Submit plans to ADE
 - Some Level 2s; All 3s, 4s and 5s

Life in Level 5

- Little Rock, Dollarway, Pine Bluff, Earle
- NO EXTRA TIME
- Support Plans
- Exit Plans

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Life in Level 5

- Support Plans: 6 Systems
 - Academic
 - Student Support
 - District Operations & Fiscal Governance
 - Human Capital
 - Facilities & Transportation
 - Stakeholder Communications/Family and Community Engagement

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Life in Level 5

Exit Plans

- Qualitative Criteria – Highly Reliable Schools
- Quantitative Criteria (F schools) –
 - 80 Growth score
 - Aspire score concentration

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Soft Accountability



Fayetteville High School



Fayetteville School District



LEA 7203020



A State Grade



2017-2018

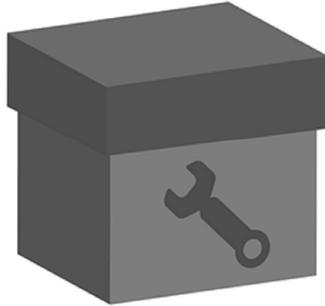
Information

Statistics

School Rating

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What's Being Measured?



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What's Being Measured

- 62.4% superintendents:
Grades describe quality of
school “not well” or
“somewhat not well”

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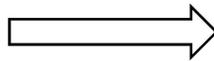
“The grades do not reflect the outside variables that each individual school must start with. None of us start out on equal footing or at the same starting block.”

– Arkansas superintendent, 2019

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Correlations

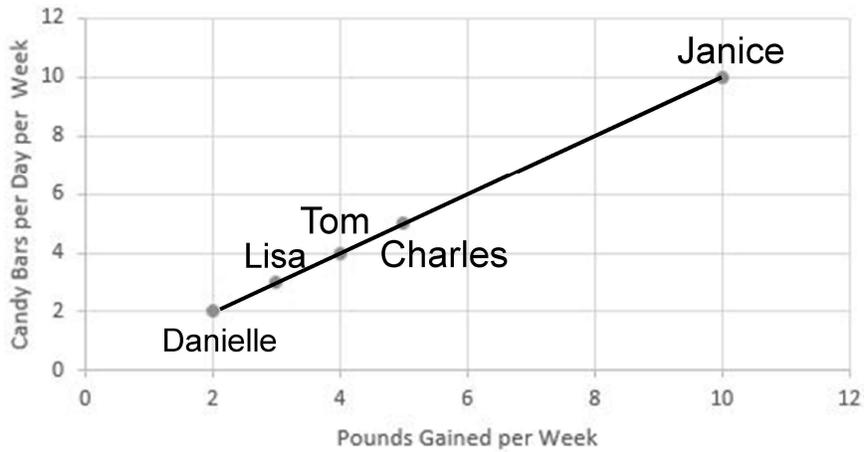
More candy bars = More pounds



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Correlations

Perfect Correlation: 1.0



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Correlations

Correlation values range from -1.0 (perfectly negative) to 1.0 (perfectly positive). A correlation of 0 indicates no relationship.



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Correlations

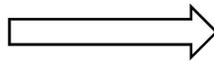
ESSA School Index score and ...

- % free- and reduced lunch have $-.59$ correlation
- % black have $-.595$ correlation

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Correlations

Predictive Variables and Percent Explained

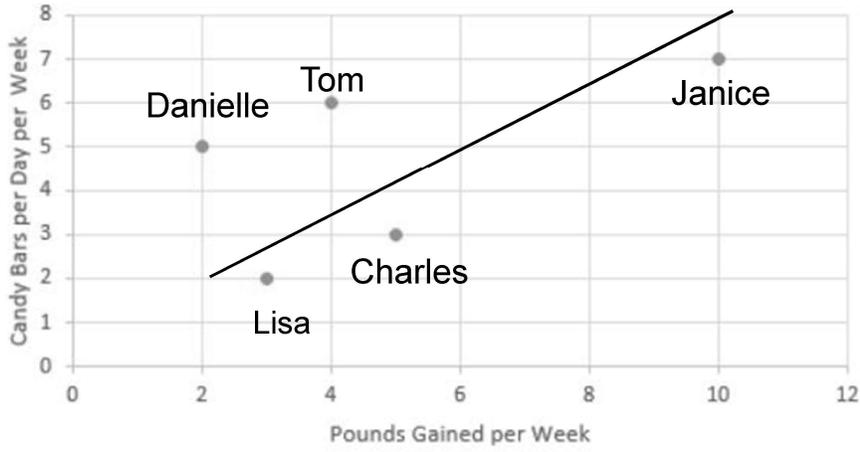


Correlation of 1.0 (1×1) = 100% of change explained

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Correlations

More Likely Correlation



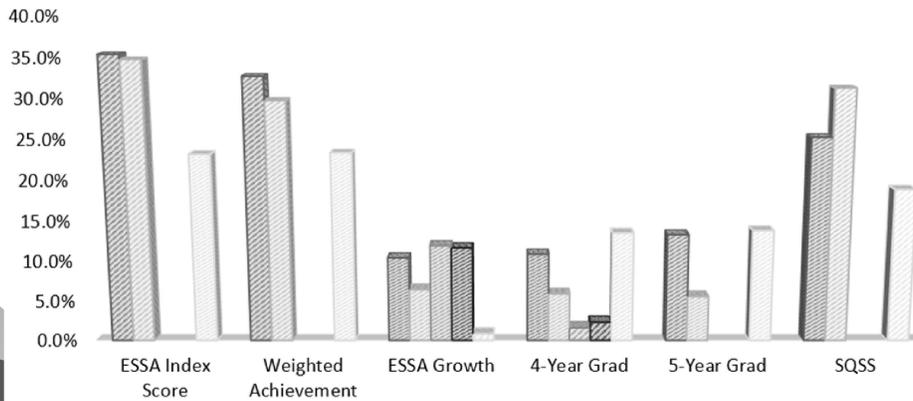
Correlation of .3 = 9% of change explained

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Arkansas School Data

DEMOGRAPHICS' PREDICTIVE VALUE FOR ESSA SCHOOL INDEX SCORE & ITS COMPONENTS

%Black (-) %FRL (-) %Hispanic %ELL %White

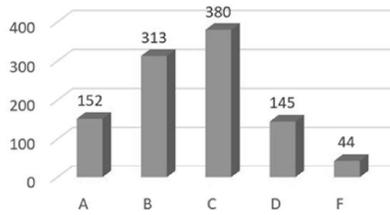


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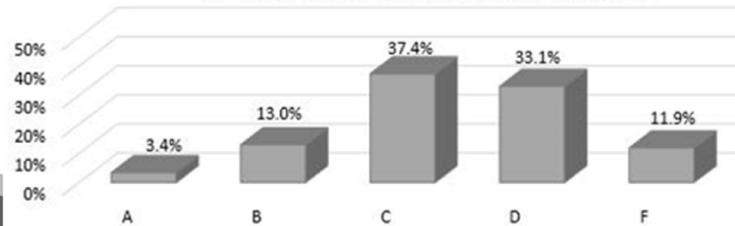
Schools by Letter Grade

2017-2018 Schools by Letter

Grade



Distribution of Grades:
Schools with Above Average **Black** Population

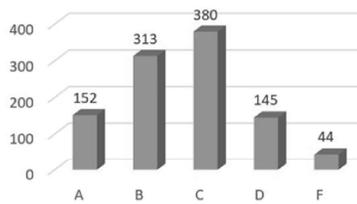


25

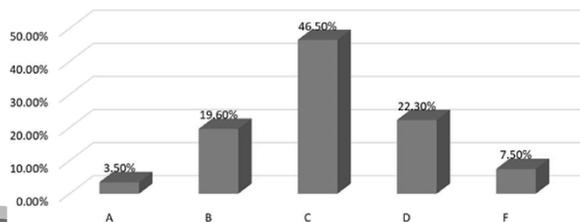
Schools by Letter Grade

2017-2018 Schools by Letter

Grade



Distribution of Grades:
Schools with Above Average Free and Reduced Lunch Population

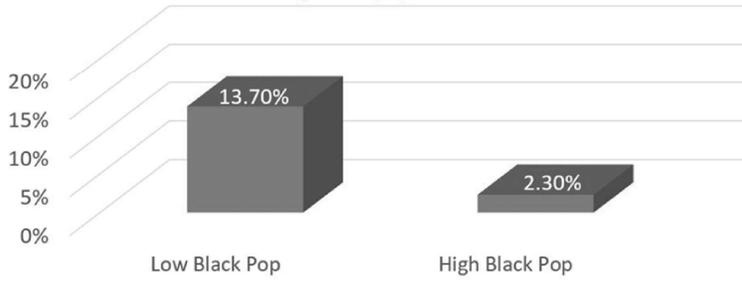


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Reward Schools

Performance Reward Schools

Low black population schools are six times as likely to be Performance Reward schools as high black population schools.

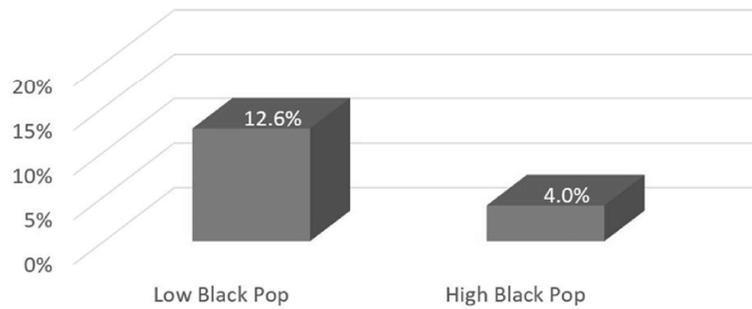


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Reward Schools

Growth and Graduation Reward Schools

Low black population schools are more than **three** times as likely to be Growth and Graduation Reward schools as high black population schools.

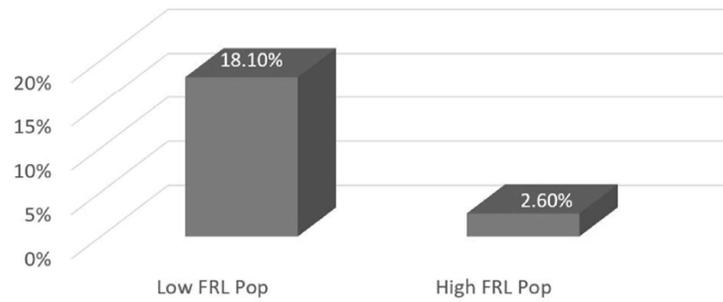


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Reward Schools

Performance Reward Schools

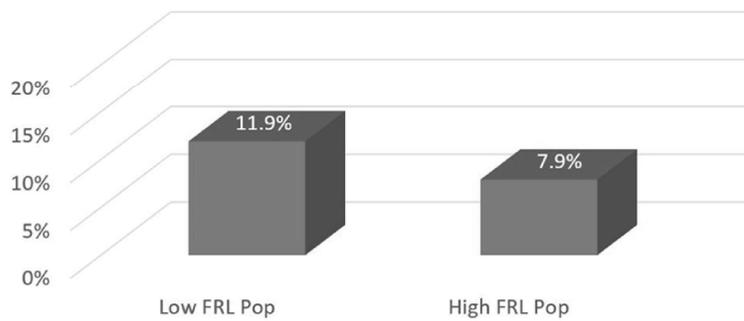
Low free- and reduced-price lunch population schools are seven times as likely as high free- and reduced-price population schools to be Performance Reward schools.



Reward Schools

Growth and Graduation Reward Schools

Low free- and reduced-price lunch population schools are 1.5 times as likely to be Growth and Graduation Reward schools as high free- and reduced-price lunch population schools.



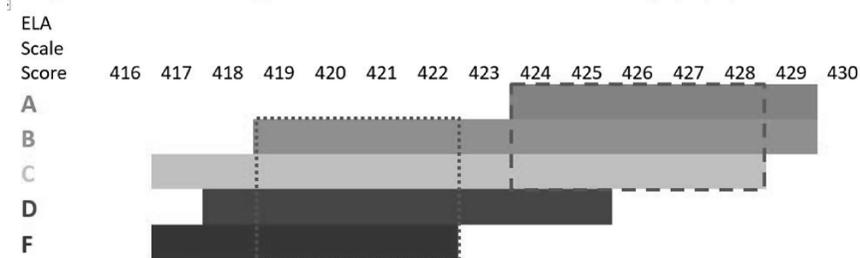
Letter Grades

- “[w]ith composite indicators, we lose sight of the fact that the grade does not reflect the performance of many students within the schools. Many students in D and F schools did not perform as poorly as the grade suggests; they had reading scores as high, or even better than, some students in A and B schools. . . .” *The Learning Policy Institute*

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Letter Grades

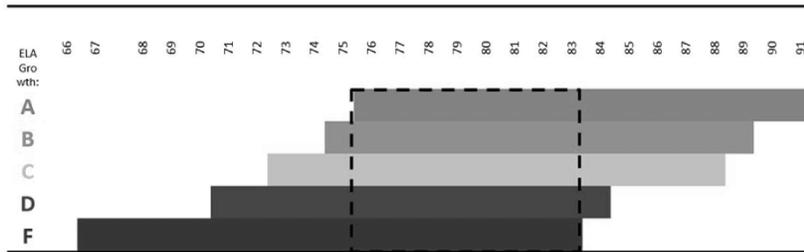
Range of 6th Grade Average ELA Scale Scores for Schools Earning A, B, C, D or F



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Letter Grades

Range of Average ELA Growth Scores for Schools Earning A, B, C, D or F

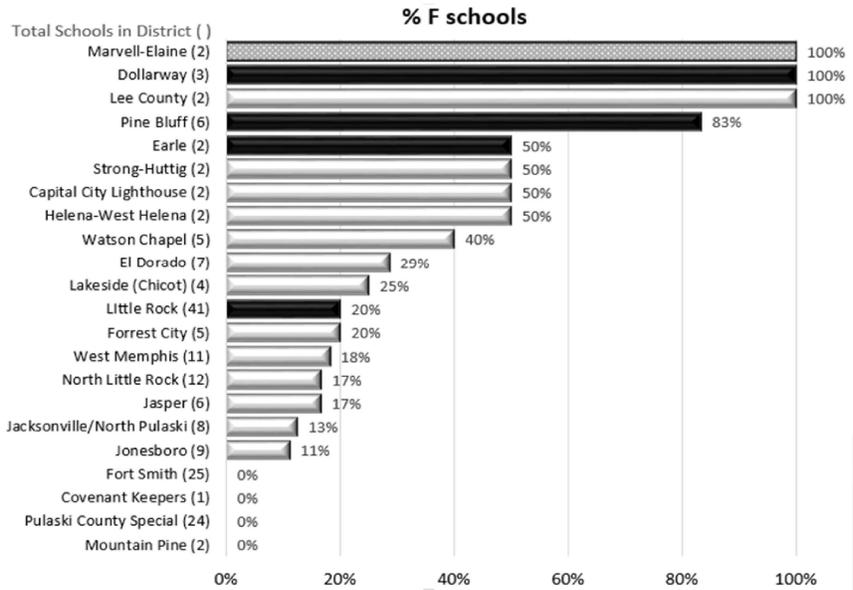


"F" Schools

ACTUAL WEIGHTED ACHIEVEMENT - PREDICTED WEIGHTED ACHIEVEMENT: "F" schools

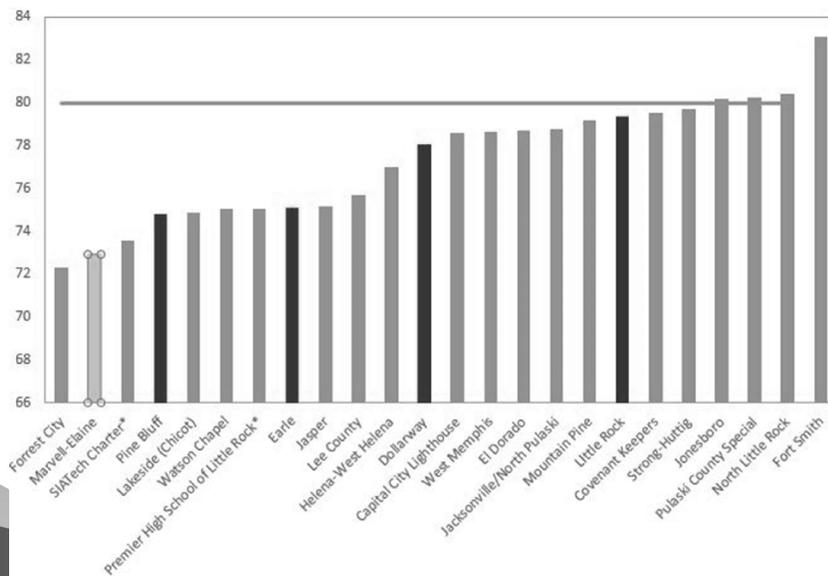
School Name	Black Pct.	FRL Pct.	Wtd. Ach.	Pred. Ach.	Actual Minus Pred.
J.F. Wahl Elementary (Helena/West Helena)	92.2%	97.9%	37.5	29.6	7.9
Boone Park Elementary (North Little Rock)	87.6%	97.1%	39.2	31.7	7.4
Marvell-Elaine Elementary (Marvell-Elaine)	83.4%	98.4%	39.7	32.4	7.2
Retta Brown Elementary (El Dorado)	85.4%	98.0%	39.1	32.1	7.1
Wonder Elementary (West Memphis)	98.0%	85.1%	39.1	32.0	7.0
Pine Bluff Lighthouse Elementary Charter	96.2%	91.3%	37.5	30.9	6.6
Earle Elementary (Earle)	97.1%	96.0%	35.4	29.3	6.1
Weaver Elementary (West Memphis)	99.1%	84.2%	37.6	32.1	5.5
Thirty-Fourth Street Elementary (Pine Bluff)	97.9%	91.1%	33.2	30.6	2.6
Southwood Elementary (Pine Bluff)	97.5%	91.2%	33.2	30.6	2.5
Eudora Elementary (Lakeside - Chicot)	92.9%	92.0%	33.0	30.8	2.2
Coleman Elementary (Watson Chapel)	79.1%	77.1%	40.4	39.8	0.6
Stewart Elementary (Forrest City)	89.3%	87.0%	34.7	34.7	0.0

"F" Schools



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"F" Schools



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Big Picture: Adequacy Measures

- From Lake View to Now
- Kilgore: “State has a remarkably serious problem with student performance.”

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Big Picture: Adequacy Measures

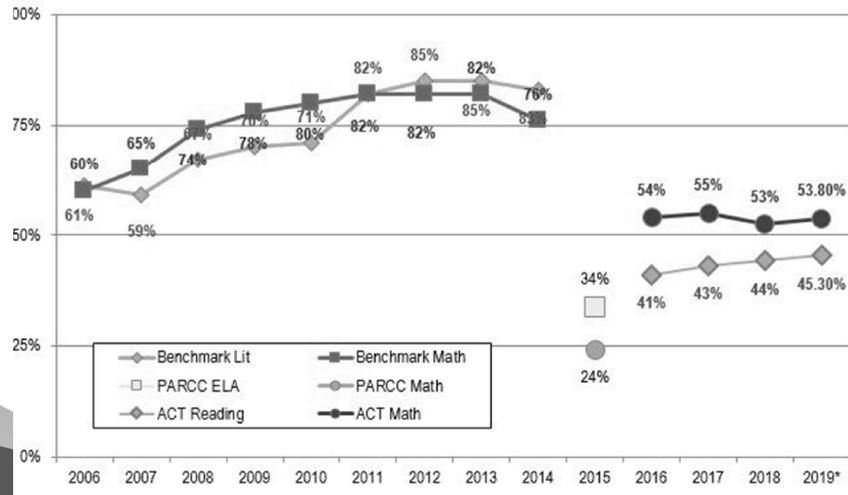
2001 KILGORE DECISION:

“The first set of scores on the ACTAAP test showed that only 44% of the fourth graders were proficient in reading and only 34% of the students were proficient in math.”

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Big Picture: Adequacy Measures

% Proficient or Advanced (Ready or Exceeding) on State Assessments: 4th Grade Math & Literacy (Reading)



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Big Picture: Adequacy Measures

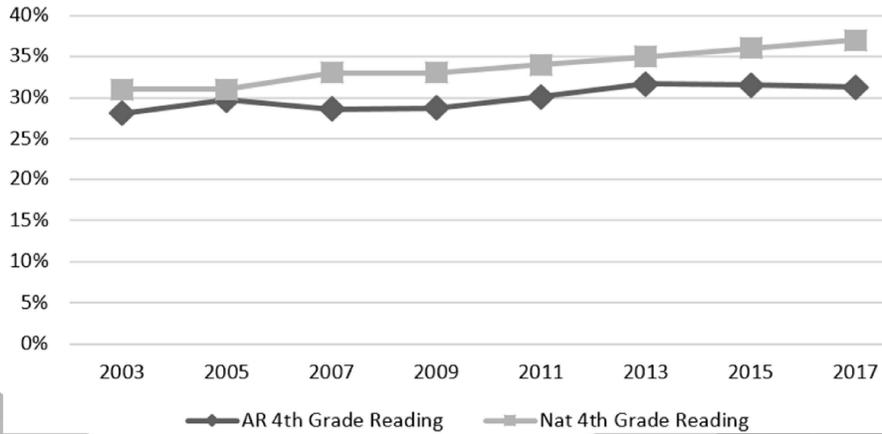
2001 KILGORE DECISION:

“Arkansas’ fourth and eighth grade students do not rank at or above the national average for proficiency in math, reading, science or writing as measured by the Southern Regional Education Board’s State Analysis of the National Assessment of Education Progress (NAEP) test scores.”

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Big Picture: Adequacy Measures

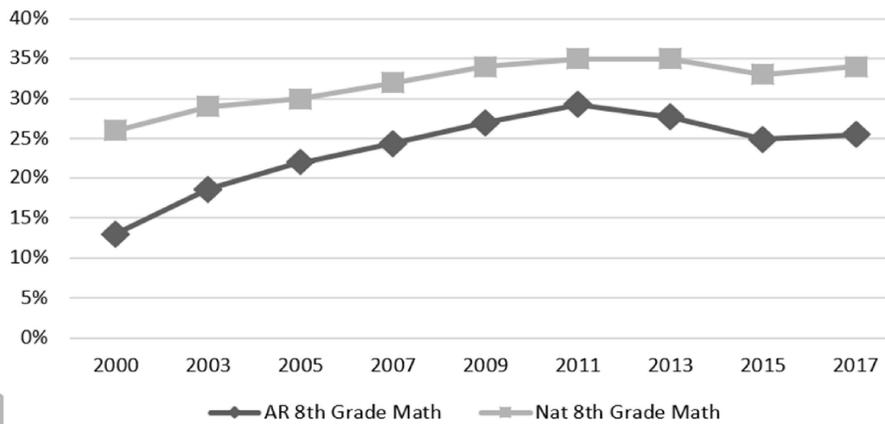
NAEP 4th Grade Reading Proficient & Above



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Big Picture: Adequacy Measures

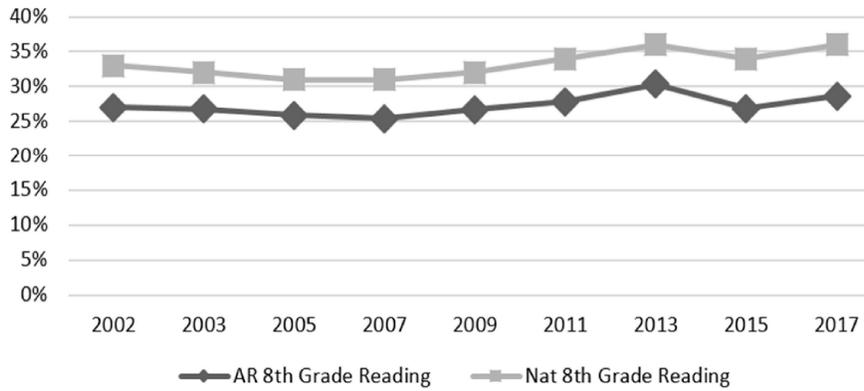
NAEP 8th Grade Math Proficient & Above



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Big Picture: Adequacy Measures

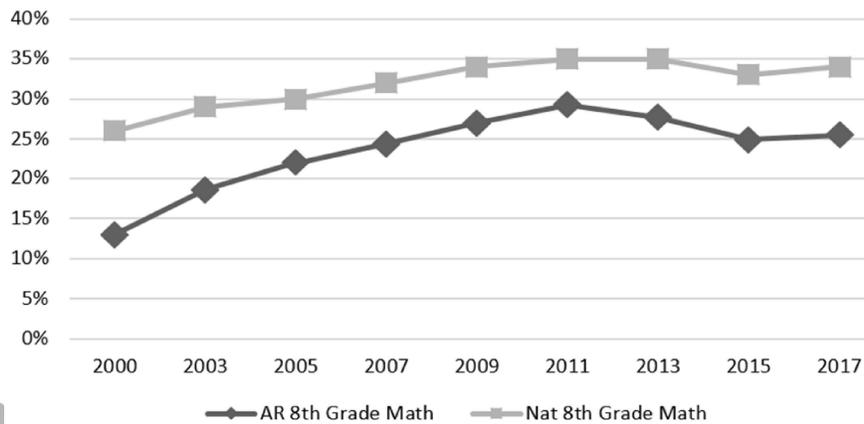
NAEP 8th Grade Reading Proficient & Above



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Big Picture: Adequacy Measures

NAEP 8th Grade Math Proficient & Above



44

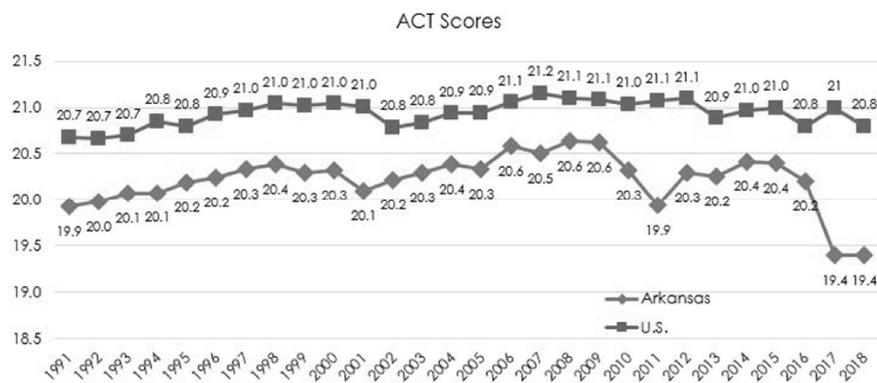
Big Picture: Adequacy Measures

2001 KILGORE DECISION:

“Arkansas students scored several tenths below the national average on the ACT from 1990 to 1999.”

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Big Picture: Adequacy Measures



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Big Picture: Adequacy Measures

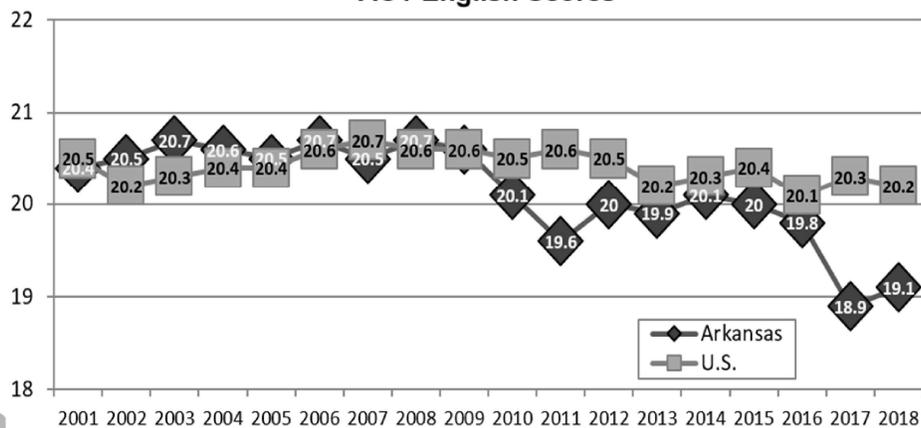
2001 KILGORE DECISION:

“On the ACT test in English, Arkansas students exceed the national average.”

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Big Picture: Adequacy Measures

ACT English Scores



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Big Picture: Adequacy Measures

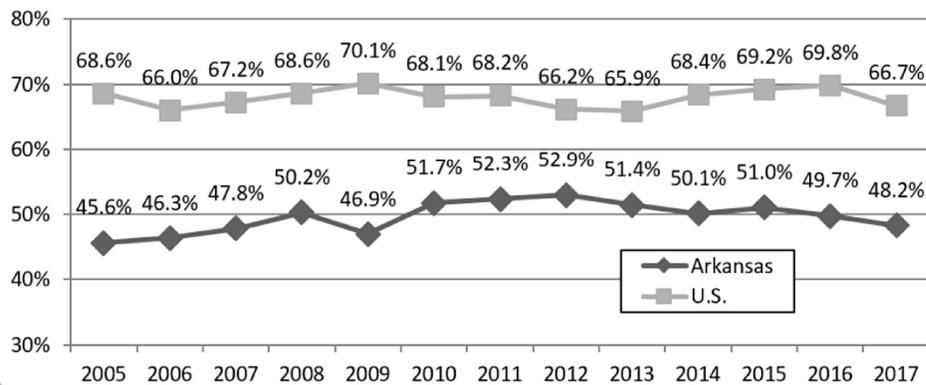
2001 KILGORE DECISION

“For the period 1996 through 1998, the percentage of Arkansas high school graduates attending college is approximately 53%.”

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Big Picture: Adequacy Measures

College-Going Rates



NCES, Recent hs completers and their enrollment in 2-year
ADHE, College-Going Rate Academic Year 2011-2018

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Big Picture: Adequacy Measures

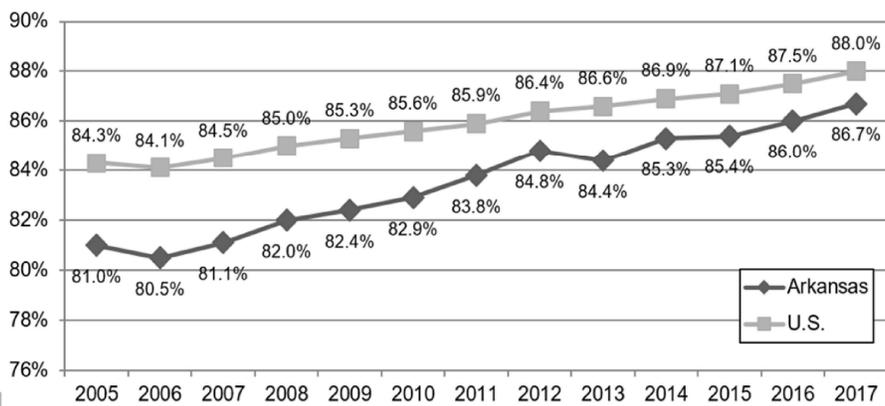
2001 KILGORE DECISION:

“Arkansas ranks lower than the national average for percentage of adults ages 25 years and older who have graduated from high school.”

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Big Picture: Adequacy Measures

% of Adults Who Graduated From High School



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Big Picture: Adequacy Measures

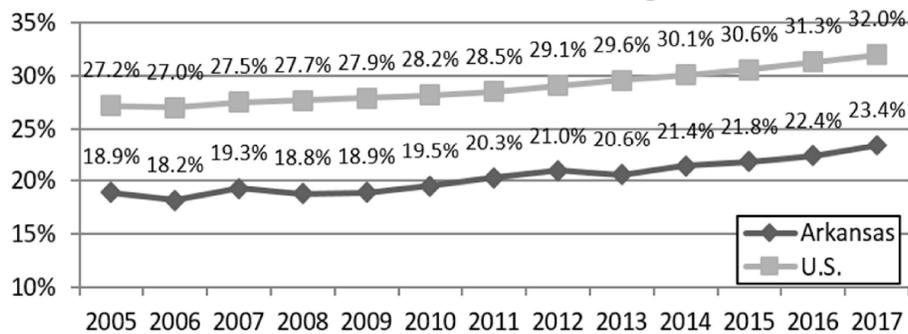
2001 KILGORE DECISION:

“Arkansas ranks 49th in the nation in percentage of the population age 25 years or older with a bachelor’s degree or higher.”

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Big Picture: Adequacy Measures

% of Adults With a Bachelor's Degree



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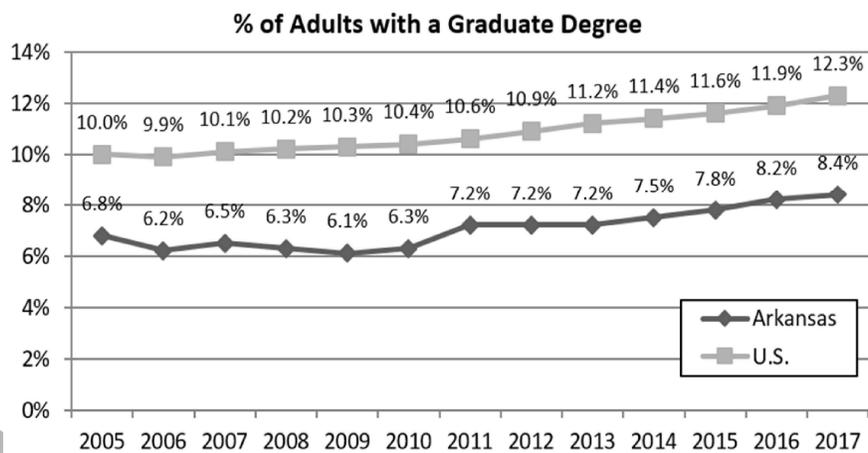
Big Picture: Adequacy Measures

2001 KILGORE DECISION:

“Arkansas ties for last place in the nation in percentage of adults with graduate degrees.”

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Big Picture: Adequacy Measures



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***What further information about
AESAP do you need to make
your decisions?***

holtj@blr.arkansas.gov