Arkansas Achievement Data Review

Arkansas Rural Ed Association
Fall Conference
Sarah McKenzie, PhD
November, 2015
Data Review

- How are we doing?
- NAEP, AR Benchmark, PARCC, ACT Aspire, ACT
- Graduation Rates
- Gaps
Measure ‘Proficiency’

100

NAEP ~ 66th NPR
ACT Aspire ~ 66th NPR
PARCC ~ 62nd NPR

50

AR benchmark ~ 33rd NPR

0
4th: math declined (a lot)
8th: math declined some (not significant)
4th: reading stayed the same - near US average
8th: reading declined some (not significant)
4th grade math is a Bummer...

Was it just us??
4th Grade Math - others?

Border States: Louisiana, Mississippi, Missouri, Oklahoma, Tennessee, Texas
4th Grade Math - others?

National: slight decline
Border States: increase
Arkansas: bigger decline

Border States: Louisiana, Mississippi, Missouri, Oklahoma, Tennessee, Texas
Bummer...
Was it Common Core?
4th Grade Math - CCSS?

Non-CCSS States: Texas, Oklahoma, Nebraska, Minnesota, Indiana, Virginia, South Carolina

Non-CCSS States: Texas, Oklahoma, Nebraska, Minnesota, Indiana, Virginia, South Carolina
4th Grade Math - CCSS?

Non-CCSS states: maintained
CCSS states: small decrease
Arkansas: larger decline

Non-CCSS States: Texas, Oklahoma, Nebraska, Minnesota, Indiana, Virginia, South Carolina
Bummer!
Achievement Gaps

• What?
  • Test Scores
  • Graduation Rates

• Whom?
  • 61% FRLP and
  • 31% Minority (21% African American, 10% Hispanic)

• Compared to?
  • National trends
  • Arkansas trends
## NAEP Achievement Gaps

<table>
<thead>
<tr>
<th>Group</th>
<th>Smaller</th>
<th>No Change</th>
<th>Larger</th>
</tr>
</thead>
<tbody>
<tr>
<td>4th Math</td>
<td><em><em>FRLP</em> Black-White</em> Hispanic-White***</td>
<td>SPED ELL</td>
<td>*Gaps decreased only because overall scores declined</td>
</tr>
<tr>
<td>8th Math</td>
<td>Black-White</td>
<td>FRLP Hispanic-White SPED ELL</td>
<td></td>
</tr>
<tr>
<td>4th Reading</td>
<td>Black-White</td>
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</tbody>
</table>

**Why would we expect SPED and ELL to change?**
ACT Gaps

All groups increased!
Small closure for Hispanic-White
Benchmark Gaps

Arkansas Benchmark Math: 2009-2014
Percent Proficient & Advanced by Free/Reduced Lunch Status

Performance was increasing and Gaps were getting smaller!
Benchmark Gaps

Arkansas Benchmark **Literacy**: 2009-2014
Percent Proficient & Advanced by Free/Reduced Lunch Status

![Graph showing literacy performance over years with benchmarks and gaps](image)

- **Performance was increasing and Gaps were getting smaller!**
- **GAP: 20 points**
Graduation rate gap

Graduation rates increasing and gaps getting smaller!
Not About Race-
More About Risk

Targeted Achievement Gap Group (TAGG)
Graduation Rate Gap

Graduation is increasing and gap is getting smaller!
Gaps are stubborn!
Stubborn but not impossible to impact!

- **NAEP** shows some increase for African-American and Hispanic students in Arkansas 4th grade reading and math

- **Benchmark** showed some closure in literacy and math

- **Graduation rate** for TAGG has improved to narrow the gap
TAGG Gaps are important

- Used in Letter Grade
- You can get +6 to -6 points
- If you have a large gap DON’T be complacent
- Many Title I ‘A’ schools had very small gaps
Eastside Elementary, Rogers

- Literacy: 68% (2005-06), 67% (2006-07), 68% (2007-08), 70% (2008-09), 80% (2009-10), 95% (2010-11), 94% (2011-12), 97% (2012-13), 97% (2013-14)

- Math: 99% P/A Non-TAGG, 95% P/A TAGG

- Enrollment:
  - 74% FRLP
  - 44% LEP
  - 61% minority

- Additional Information:
  - 97% graduation rate
Fountain Lake HS


- 57% FRLP
- 2% LEP
- 12% minority
- 78% P/A Non-TAGG 72%
- P/A TAGG
- GRAD RATE 93% Non-TAGG 93% TAGG
That’s great, but my school is different…
Of course it is!

And so are all of your students
But that’s awesome!

- Tell us about it! **Best Practices Survey**

- What works for Rogers may not be as effective in Mt. Vernon/Enola

- You need to check YOUR vision and YOUR data!
  - What are your desired outcomes?
  - What has limited your success?
Align your resources

- People
- Time
- Money
Measure Growth

• Computer adaptive
• Interim assessments
• Measure growth compared to national peers- at all levels of performance
• Predictive of success K-HS
People

• **Hire and retain** high quality teachers-
Arkansas Teacher Core- job shares-
leadership tracks- promote your district!

• Provide strong support to the teachers you have -
meaningful observations and professional development

• Agree on measurable goals- use DATA- and recognize achievements
Time

- Maximize learning time-procedures and schedule

- Ensure students are getting the right instruction- pre-test, modify,

- Use technology to help
Money

- Ensure funds are being spent efficiently and effectively
- Align with district goals
- Benchmark against similar districts
- Terminate ineffective programs
- Student-based budgeting
Great Time for Changes

- Assessment data in flux
- Waivers for districts
- Innovation
- Career and Tech
Celebrate your district!

- Academic performance
- Teacher quality
- Student stories
- Be proactive with a plan
Welcome to the Office for Education Policy Website!

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