



Handout G1

2022 Adequacy Study

STUDENT ACHIEVEMENT



JUNE 2022



★ ★ ★ ★ ★ 2022 ADEQUACY REPORT ★ ★ ★ ★ ★

Introduction



- Adequacy Statute
- State ESSA Plan – Long-Term Goal
 - Having 80% of Arkansas students demonstrate grade-level proficiency.
- Adequacy Definition Includes:
 - “The goal is to have all, or all but the most severely disabled, students perform at or above proficiency on these [state] tests.”



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Roadmap

- National Assessment for Educational Progress
- Advanced Placement
- ACT
- ACT Aspire
- Graduation Rates



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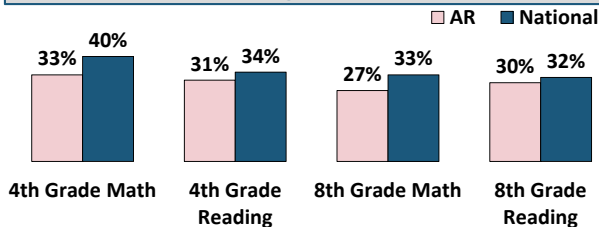
National Assessment for Educational Progress (NAEP)

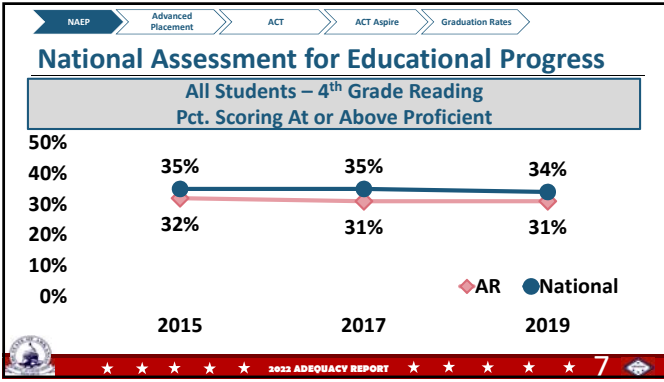
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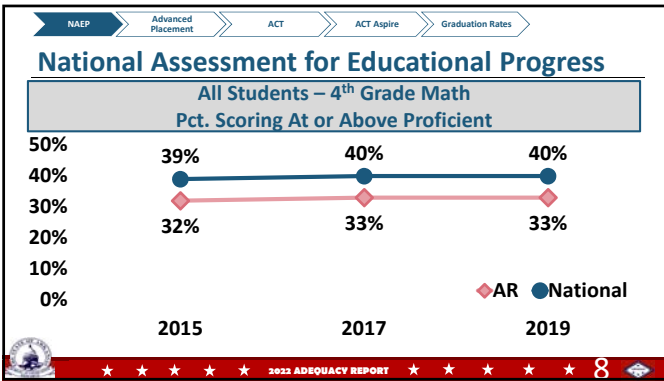
Terminology	
NAEP	Given every two years to sample of students in 4 th , 8 th , and 12 th grade in variety of subjects.
NAEP Achievement Levels	NAEP Basic
	NAEP Proficient
	NAEP Advanced

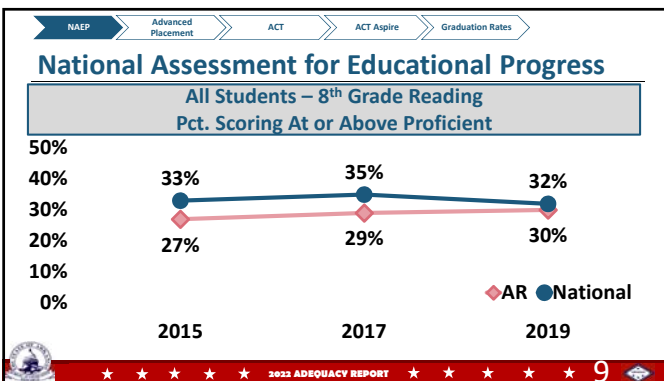
National Assessment for Educational Progress

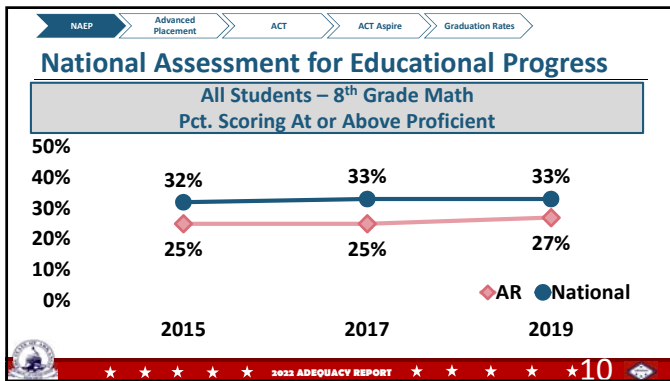
All Students – Pct. Scoring At or Above Proficient (2019)

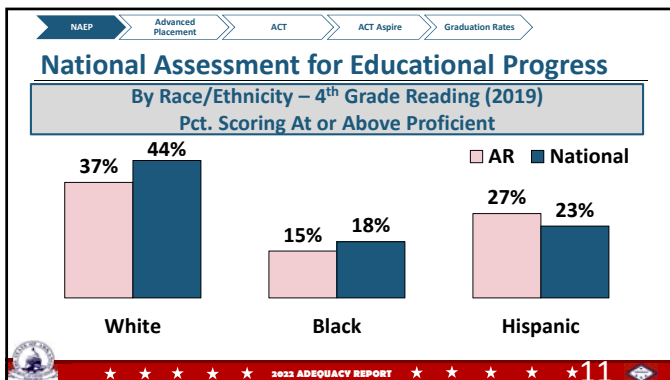


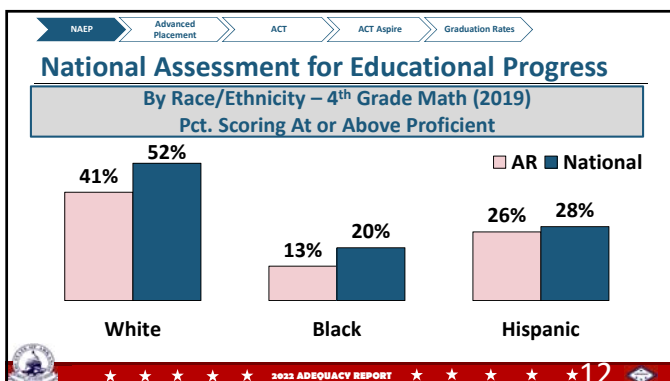


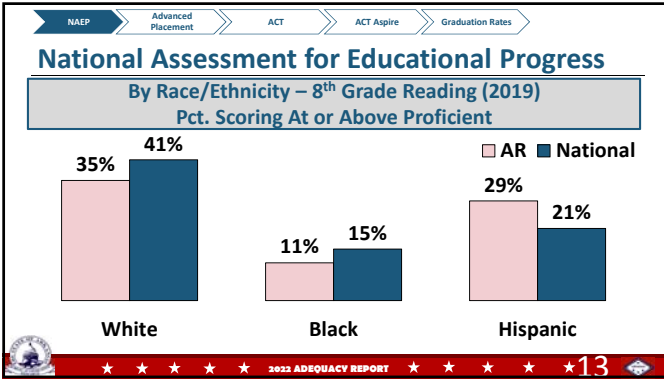


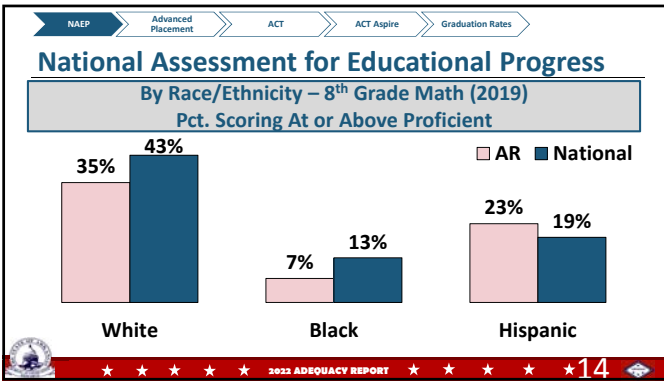












Advanced Placement

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NAEP > Advanced Placement > ACT > ACT Aspire > Graduation Rates

Advanced Placement (AP)

Terminology

AP	High school preparatory courses for college Advanced Placement test.
AP Exam/Scoring	Scored on scale of 1-5. Scores of 3 or higher can earn college credit or advanced placement.
AP Requirements	Districts must provide opportunity to enroll in at least one AP in each core content area.

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Advanced Placement

2020	Arkansas	National
Number of Students Taking AP Exams	28,315	N/A
Number of AP Exams Taken	36,824	3,057,148
Percentage of Exams That Scored 3 or Above	45%	64%

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Advanced Placement

Percentage of Students Scoring 3 or Above

Year	Arkansas	National
2016	33%	58%
2017	34%	58%
2018	35%	59%
2019	36%	60%
2020	45%	64%

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ACT

ACT

Terminology	
ACT	National college admissions examination used by universities and colleges in U.S.
ACT Scoring	Four tests with score range from 1-36
	Composite score is average of each test score, rounded to nearest whole number
College Readiness Benchmarks	Standards relating test scores needed for success in high school and beyond.

ACT

National Comparison (2021)						
	Pct. Of Graduates Tested	Average Composite Score	Percentage Meeting Benchmarks			
			English	Reading	Math	Science
AR	99%	19.0	51%	34%	23%	26%
U.S.	35%	20.3	56%	44%	36%	35%

NAEP Advanced Placement ACT ACT Aspire Graduation Rates

ACT

**Arkansas Graduating Class 2021 –
Pct. Meeting College Readiness Benchmarks**

English	49%
Math	22%
Reading	32%
Science	24%
All Subjects	14%

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Percentage of Students Meeting All ACT Benchmarks

- Performance was twice as high in districts.
- Performance was higher in urban schools.
- Performance decreased with higher concentrations of FRL students.

District	16%
Charter	8%
Urban	13%
Rural	8%
FRL Q1 (Lowest)	16%
FRL Q2	9%
FRL Q3	7%
FRL Q4	6%
FRL Q5 (Highest)	2%
Minority Q1 (Lowest)	9%
Minority Q2	11%
Minority Q3	12%
Minority Q4	8%
Minority Q5 (Highest)	3%

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Percentage of Students Meeting All ACT Benchmarks

- Performance was 12 times as high in largest districts compared to smallest districts.
- Performance was 4 times as high in BLR Cohort schools.

5,001-25,000	12%
2,501-5,000	12%
1,501-2,500	9%
1,001-1,500	11%
751-1,000	8%
501-750	6%
351-500	7%
1-350	1%
BLR Cohort	32%
Other	8%

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ACT Aspire

ACT Aspire

Terminology

ACT Aspire

Statewide summative assessment for students grades 3 -10

ACT Aspire Scoring

In Need of Improvement

Close

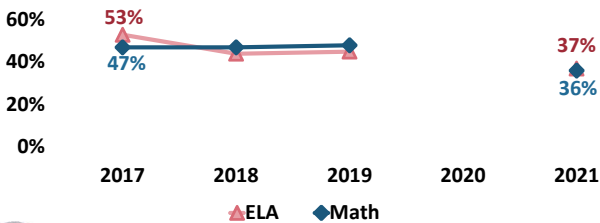
Ready

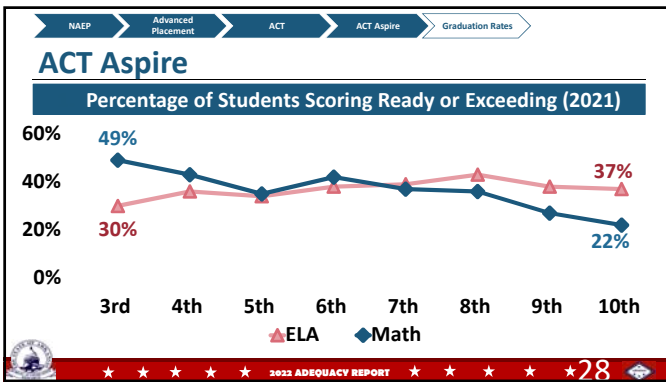
Exceeding

Considered on target for college and workplace readiness by end of high school

ACT Aspire

Percentage of Students Scoring Ready or Exceeding





NAEP → Advanced Placement → ACT → ACT Aspire → Graduation Rates

ACT Aspire

Percentage of Students Scoring Ready or Exceeding - ELA

Race/Ethnicity	2017	2018	2019	2020	2021
Hispanic/Latino	46%	37%	37%	Not Tested Due to COVID-19	31%
American Indian/Alaskan Native	54%	44%	44%		38%
Asian	74%	67%	67%		62%
African-American/Black	31%	22%	24%		17%
Native Hawaiian/Other Pacific Islander	30%	21%	20%		14%
Caucasian/White	60%	52%	53%		45%
Two or More Races	55%	46%	47%	38%	

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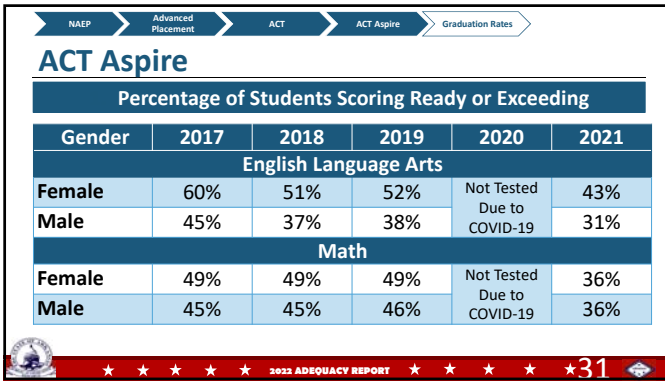
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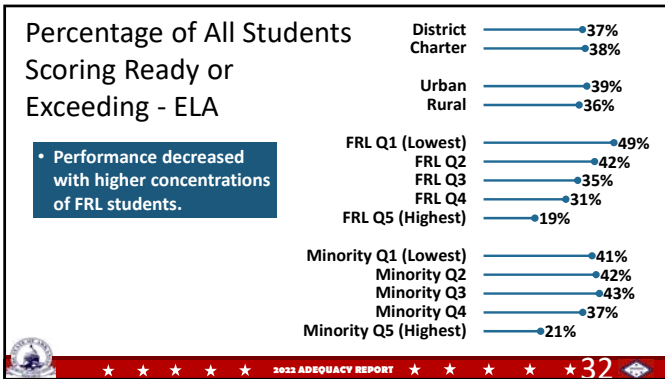
ACT Aspire

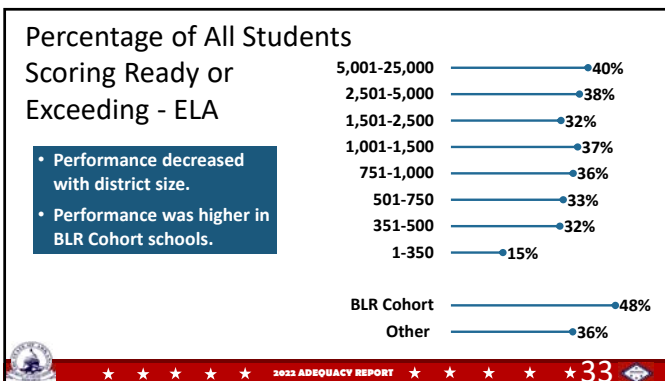
Percentage of Students Scoring Ready or Exceeding - Math

Race/Ethnicity	2017	2018	2019	2020	2021
Hispanic/Latino	42%	42%	42%	Not Tested Due to COVID-19	31%
American Indian/Alaskan Native	46%	48%	47%		36%
Asian	70%	72%	73%		64%
African-American/Black	26%	24%	25%		14%
Native Hawaiian/Other Pacific Islander	25%	27%	26%		19%
Caucasian/White	55%	55%	56%		44%
Two or More Races	51%	49%	50%	36%	

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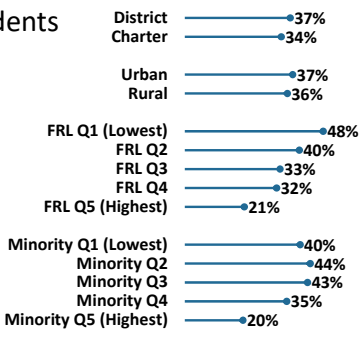






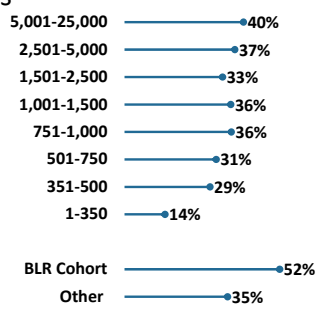
Percentage of All Students Scoring Ready or Exceeding - Math

• Performance decreased with higher concentrations of FRL students.



Percentage of All Students Scoring Ready or Exceeding - Math

• Performance decreased with district size.
• Performance was higher in BLR Cohort schools.



NAEP Advanced Placement ACT ACT Aspire Graduation Rates

ACT Aspire – Regional



ALE	Alternative Learning Environment
ELL	English Language Learners
FRL	Free or Reduced-Price Lunch
SPED	Special Education

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ACT Aspire – Regional

Pct. Students Scoring Ready or Exceeding – ELA (2021)

All	Range: 22% (Lower Delta) to 43% (Northwest)
ALE	Range: 1% (Lower Delta) to 10% (Northwest)
ELL	Range: 5% (North Central) to 8% (NW, CN, SW)
FRL	Range: 18% (Lower Delta) to 35% (North Central)
SPED	Range: 2% (Lower Delta) to 7% (Northwest)

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ACT Aspire – Regional

Pct. Students Scoring Ready or Exceeding – Math (2021)

All	Range: 21% (Lower Delta) to 43% (Northwest)
ALE	Range: 1% (Lower Delta) to 19% (North Central)
ELL	Range: 12% (LD, NC) to 15% (Southwest)
FRL	Range: 17% (Lower Delta) to 35% (North Central)
SPED	Range: 7% (Lower Delta) to 23% (Northwest)

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Graduation Rates

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Graduation Rates

Terminology

Four-Year Graduation Rate

Based on students who graduate from high school in four years (including students with most significant cognitive disabilities who receive alternative diploma)




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Graduation Rates (2021)

All Students	<div style="width: 88.5%; background-color: #0056b3; height: 15px;"></div>	88.5%
Economically Disadvantaged Students	<div style="width: 85.8%; background-color: #0056b3; height: 15px;"></div>	85.8%
Students with Disabilities	<div style="width: 83.1%; background-color: #0056b3; height: 15px;"></div>	83.1%
Limited English Proficient Students	<div style="width: 84.1%; background-color: #0056b3; height: 15px;"></div>	84.1%
Male Students	<div style="width: 85.8%; background-color: #0056b3; height: 15px;"></div>	85.8%
Female Students	<div style="width: 91.3%; background-color: #0056b3; height: 15px;"></div>	91.3%




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Graduation Rates (2021)

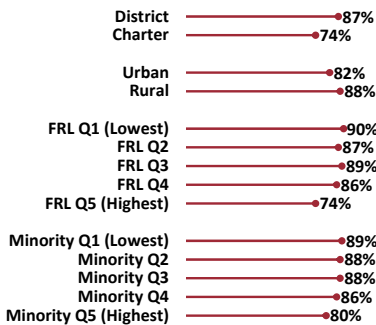
All Students	<div style="width: 88.5%; background-color: #0056b3; height: 15px;"></div>	88.5%
African American	<div style="width: 84.5%; background-color: #0056b3; height: 15px;"></div>	84.5%
Asian	<div style="width: 93.7%; background-color: #0056b3; height: 15px;"></div>	93.7%
Caucasian	<div style="width: 90.1%; background-color: #0056b3; height: 15px;"></div>	90.1%
Hawaiian/ Pacific Islander	<div style="width: 77.8%; background-color: #0056b3; height: 15px;"></div>	77.8%
Hispanic	<div style="width: 87.6%; background-color: #0056b3; height: 15px;"></div>	87.6%
Native American	<div style="width: 85.4%; background-color: #0056b3; height: 15px;"></div>	85.4%
Two or More Races	<div style="width: 86.2%; background-color: #0056b3; height: 15px;"></div>	86.2%



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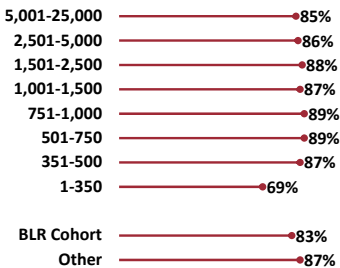
Arkansas Four-Year Graduation Rates

- Graduation rates were higher in districts and rural schools.
- Graduation rates decreased with higher concentrations of FRL and minority students.



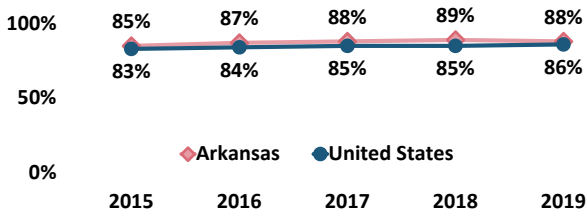
Arkansas Four-Year Graduation Rates

- Graduation rates lowest in smallest districts.
- Graduation rates were lower in BLR Cohort schools.



Graduation Rates

National Comparison – All Students



Questions?

