



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)



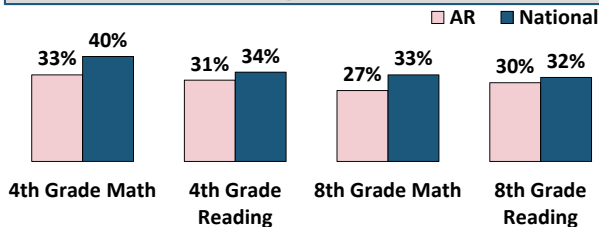
National Assessment for Educational Progress (NAEP)

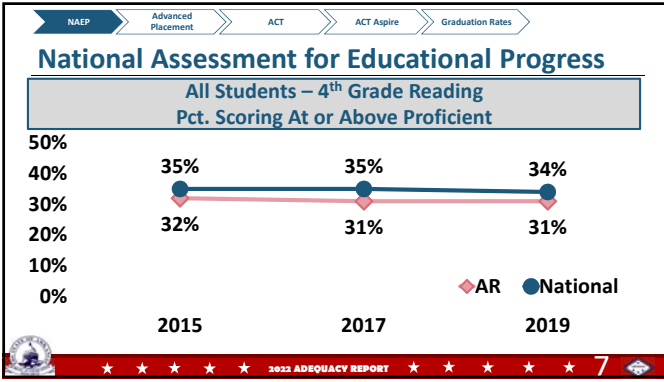
| Terminology | |
|-------------------------|---|
| NAEP | Given every two years to sample of students in 4 th , 8 th , and 12 th grade in variety of subjects. |
| NAEP Achievement Levels | NAEP Basic |
| | NAEP Proficient |
| | NAEP Advanced |

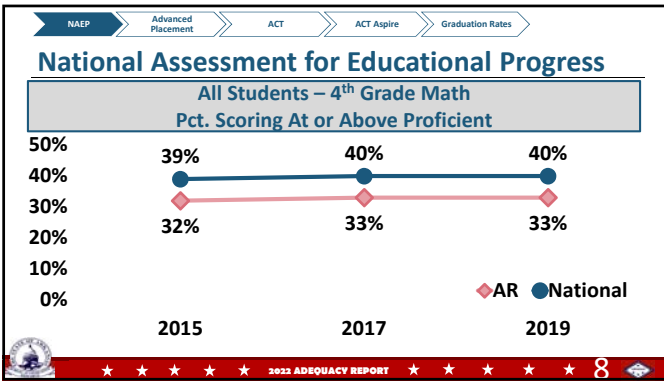


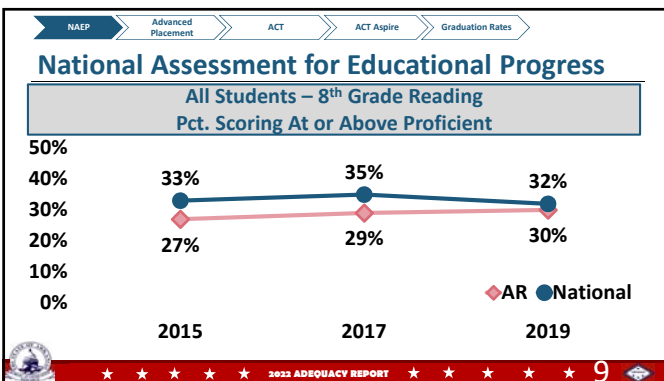
National Assessment for Educational Progress

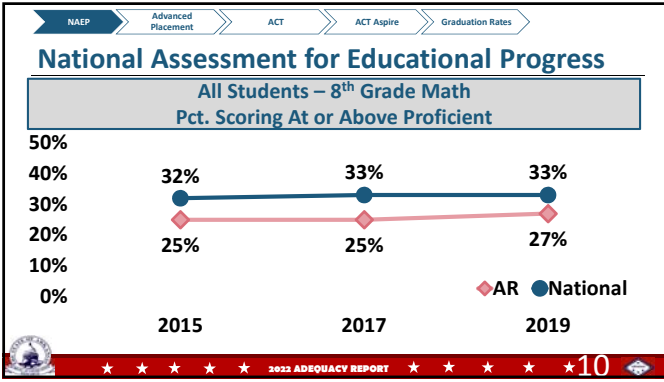
All Students – Pct. Scoring At or Above Proficient (2019)

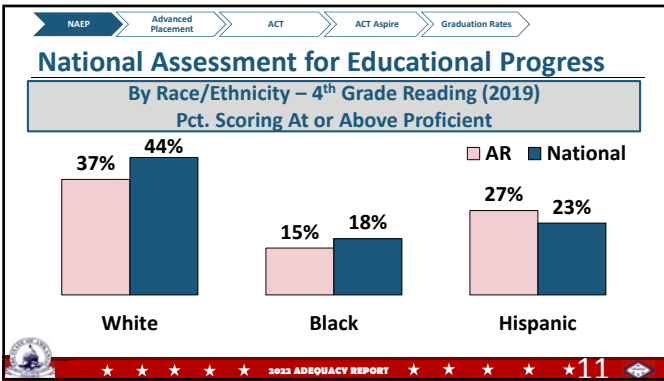


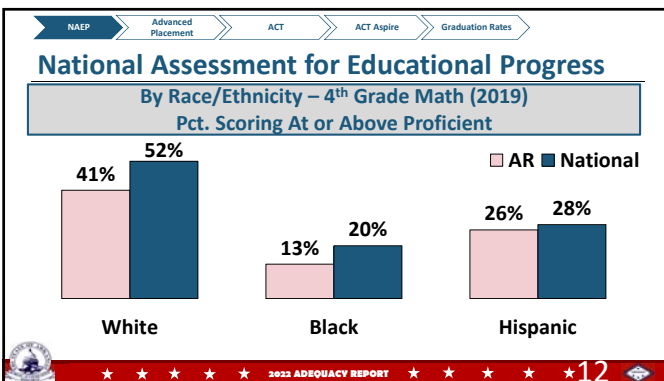


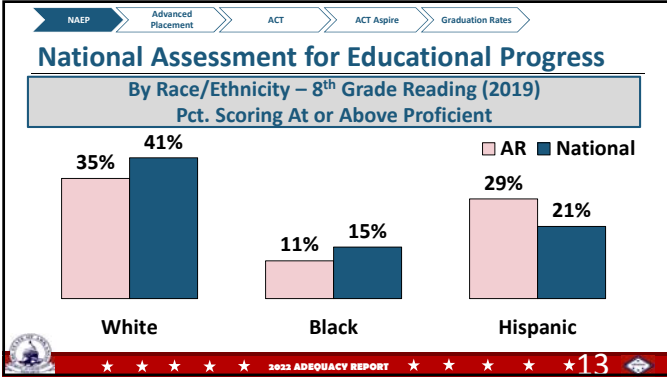


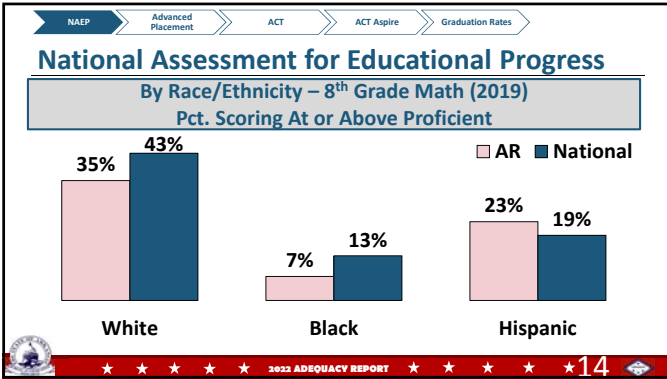












Advanced Placement

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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.

2022 ADEQUACY REPORT 16

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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% |

2022 ADEQUACY REPORT 17

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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% |

2022 ADEQUACY REPORT 18

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% |

2022 ADEQUACY REPORT 22

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% |

2022 ADEQUACY REPORT 23

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% |

2022 ADEQUACY REPORT 24

ACT Aspire

ACT Aspire

Terminology

ACT Aspire

Statewide summative assessment for students grades 3 -10

ACT Aspire Scoring

In Need of Improvement

Close

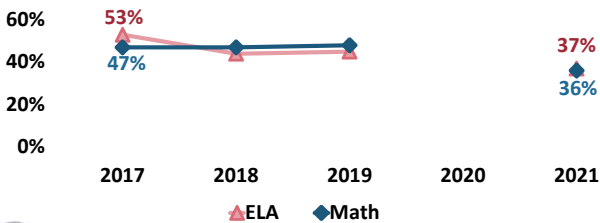
Ready

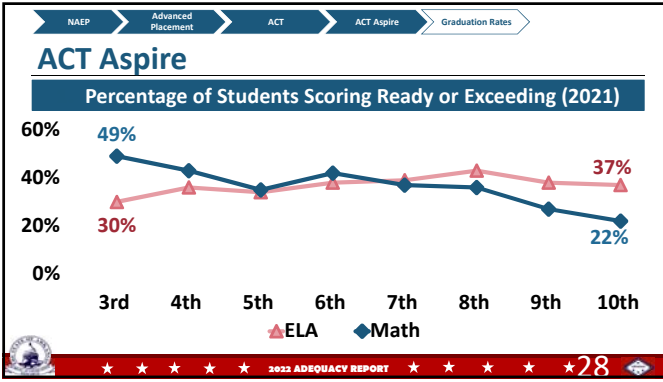
Exceeding

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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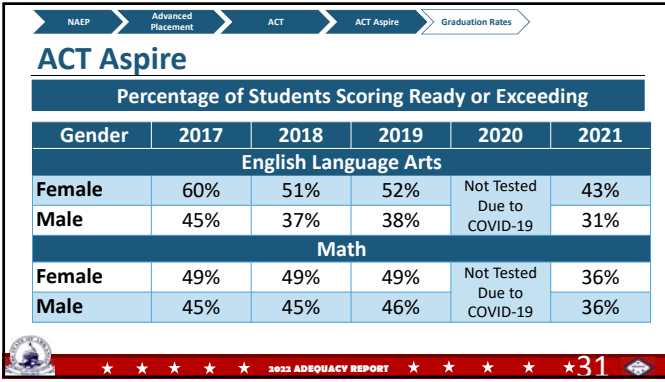
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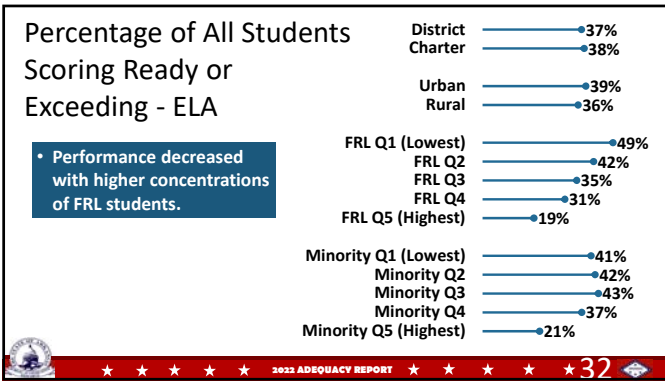
ACT Aspire

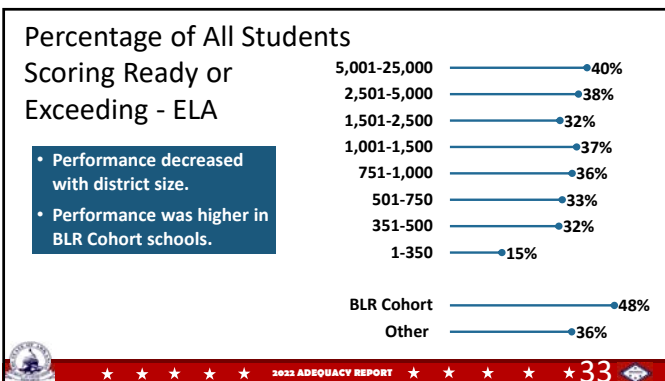
Percentage of Students Scoring Ready or Exceeding - Math

| 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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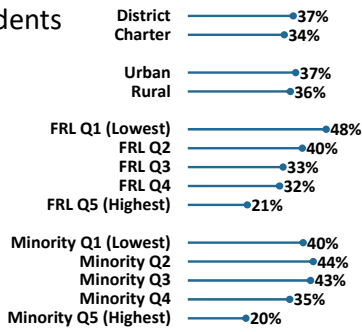






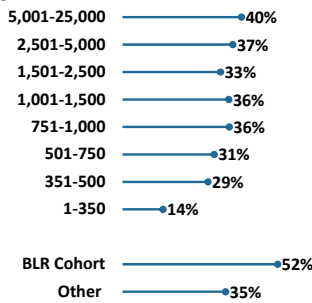
Percentage of All Students Scoring Ready or Exceeding - Math

• 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.



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) |

2022 ADEQUACY REPORT 37

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

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) |

2022 ADEQUACY REPORT 38

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

Graduation Rates (2021)

| | | |
|-------------------------------------|-----------------------------------|-------|
| All Students | <div style="width: 88.5%;"></div> | 88.5% |
| Economically Disadvantaged Students | <div style="width: 85.8%;"></div> | 85.8% |
| Students with Disabilities | <div style="width: 83.1%;"></div> | 83.1% |
| Limited English Proficient Students | <div style="width: 84.1%;"></div> | 84.1% |
| Male Students | <div style="width: 85.8%;"></div> | 85.8% |
| Female Students | <div style="width: 91.3%;"></div> | 91.3% |




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Graduation Rates (2021)

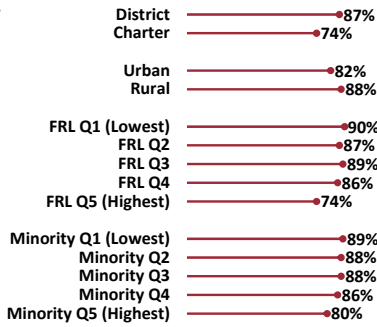
| | | |
|----------------------------|-----------------------------------|-------|
| All Students | <div style="width: 88.5%;"></div> | 88.5% |
| African American | <div style="width: 84.5%;"></div> | 84.5% |
| Asian | <div style="width: 93.7%;"></div> | 93.7% |
| Caucasian | <div style="width: 90.1%;"></div> | 90.1% |
| Hawaiian/ Pacific Islander | <div style="width: 77.8%;"></div> | 77.8% |
| Hispanic | <div style="width: 87.6%;"></div> | 87.6% |
| Native American | <div style="width: 85.4%;"></div> | 85.4% |
| Two or More Races | <div style="width: 86.2%;"></div> | 86.2% |



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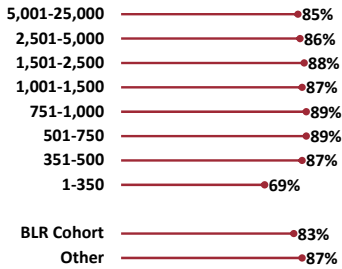
Arkansas Four-Year Graduation Rates

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



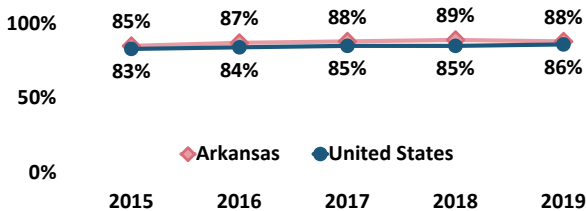
Arkansas Four-Year Graduation Rates

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



Graduation Rates

National Comparison – All Students



Questions?

