


**2022 Adequacy Study**  
STARTING SLATE/JANUARY 4, 2022



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In the 2002 Lake View decision, the Supreme Court justices agreed with the lower court’s assessment that the “**State has a remarkably serious problem with student performance.**”



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**How are we doing now?**  
Judge Kilgore cited a range of educational indicators to show that Arkansas’s education system was failing.  
After gradual improvement on most measures, Arkansas’s performance has **plateaued** or even **declined** in recent years.



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### State Assessment Scores

**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.**"

**NOW:** 40% of 4<sup>th</sup> graders were "ready" or "exceeding" in reading (indicating proficiency with grade-level standards) in 2021 (preliminary scores), and 43% were "ready" or "exceeding" in math.




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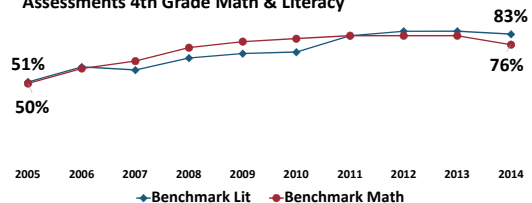
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### State Assessment Scores

2005-2014: % Proficient or Advanced on State Assessments 4th Grade Math & Literacy




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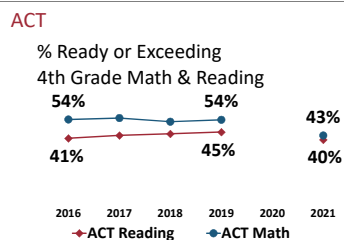
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### State Assessment Scores

- 2015 PARCC Exam**
- 34% proficient or advanced in 4<sup>th</sup> grade English Language Arts
  - 24% proficient or advanced in 4<sup>th</sup> grade math




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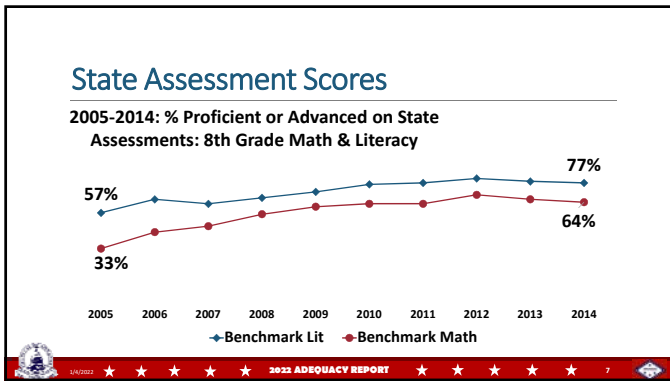
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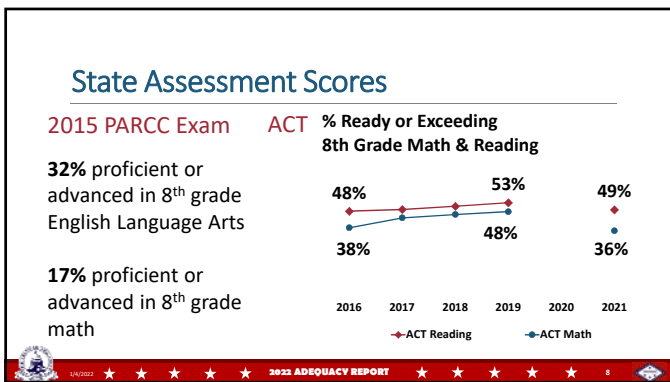
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### National Assessment of Educational Progress (NAEP) Scores

**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."

**NOW:** The most recent scores in both math and reading fall below the peak set in previous years for each test, and **Arkansas students still trail behind the national average in those subjects.**

2021 ADEQUACY REPORT

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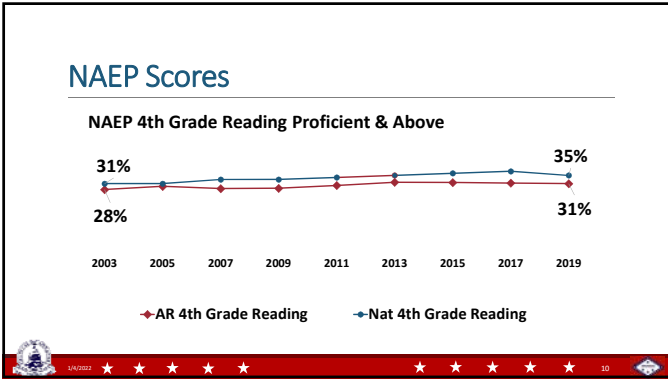
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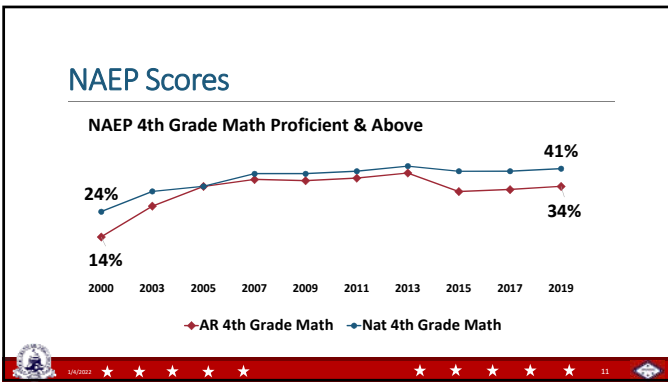
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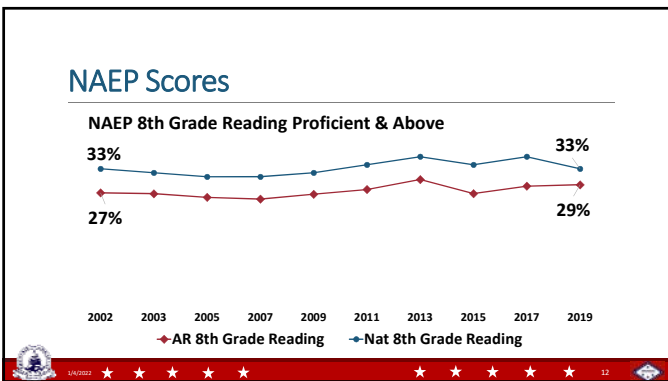
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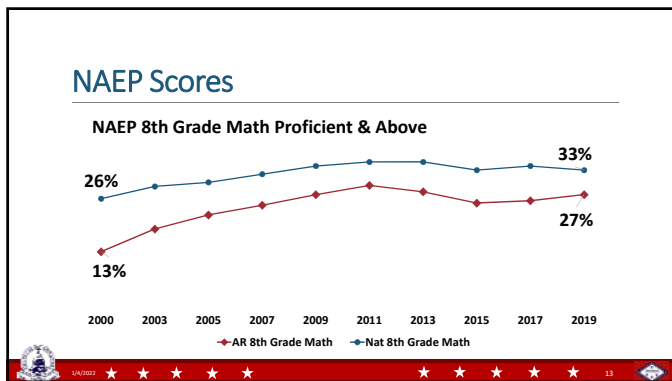
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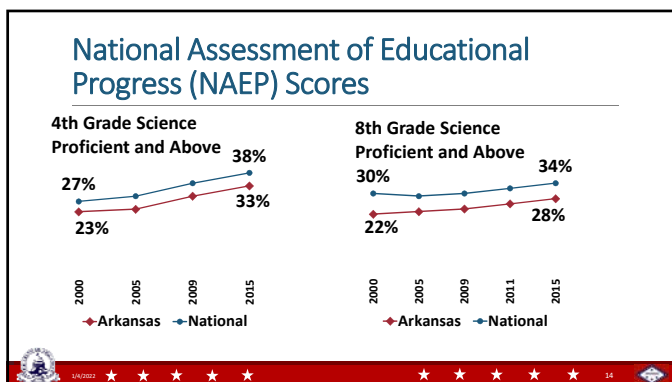
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### Average ACT Composite Scores

**2001 KILGORE DECISION:** "Arkansas students scored **several tenths below** the national average on the ACT from 1990 to 1999."

**NOW:** Arkansas students are even further behind the national average, scoring **1.5 points below the national average in 2021.**

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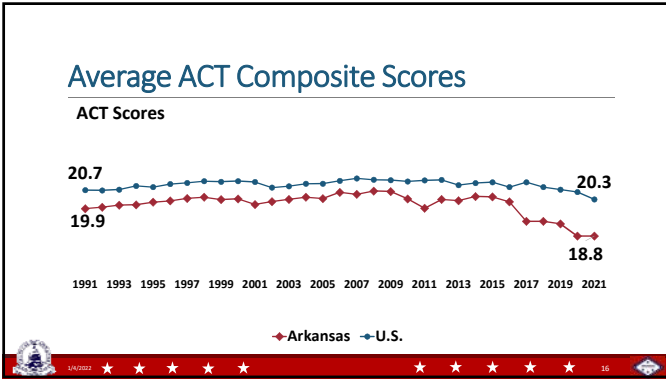
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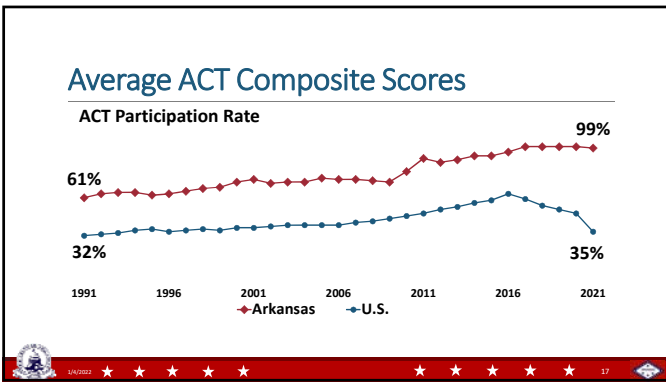
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### ACT Comparison States: Top NAEP States

NAEP State	ACT Composite Score	ACT Participate Rate
Massachusetts	27.6	7%
New Jersey	25.1	12%
New Hampshire	26.6	4%
Minnesota	21.6	60%
Wyoming	19.8	91%
Virginia	25.5	9%
Vermont	24.7	4%
Indiana	23.1	14%
Connecticut	27.2	9%
Utah	20.6	86%

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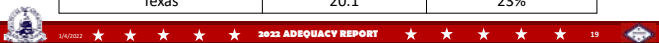
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### ACT Comparison States: Top SREB States

SREB State	ACT Composite Score	ACT Participate Rate
Virginia	25.5	9%
Florida	20.4	34%
Maryland	25.5	8%
North Carolina	18.9	92%
Kentucky	19.2	100%
Georgia	22.6	24%
Tennessee	19.1	100%
Texas	20.1	23%




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### ACT Comparison States: Contiguous

Contiguous	ACT Composite Score	ACT Participate Rate
Missouri	20.6	63%
Tennessee	19.1	100%
Texas	20.1	23%
Oklahoma	19.7	58%
<u>Arkansas</u>	<u>18.8</u>	<u>99%</u>
Mississippi	18.1	100%
Louisiana	18.4	98%




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### Average ACT Scores in English

**2001 KILGORE DECISION:** “On the ACT test in English, Arkansas students **exceed the national average.**”

**NOW:** The average ACT English score for Arkansas dropped from 20.4 in 2001 to 17.6 in 2021 and is **below the national average.**




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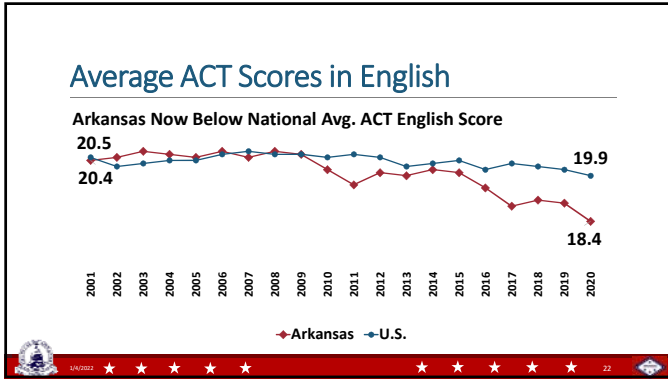
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### ACT English Comparison: Top NAEP States

NAEP States	% Meeting English Readiness
Massachusetts	92%
New Jersey	83%
New Hampshire	89%
Minnesota	61%
Wyoming	53%
Virginia	86%
Vermont	83%
Indiana	74%
Connecticut	92%
Utah	59%

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### ACT English Comparison: Top SREB States

SREB States	% Meeting English Readiness
Virginia	86%
Florida	59%
Maryland	86%
North Carolina	43%
Kentucky	51%
Georgia	72%
Tennessee	52%
Texas	52%

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### ACT English Comparison: Contiguous States

Contiguous States	% Meeting English Readiness
Missouri	59%
Tennessee	52%
Texas	52%
Oklahoma	55%
<b>Arkansas</b>	<b>51%</b>
Mississippi	43%
Louisiana	48%




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### College Going Rates

**2001 KILGORE DECISION:** "For the period 1996 through 1998, the percentage of Arkansas high school graduates attending college is **approximately 53%**."

**NOW:** The most recent data show that **not quite half** of Arkansas's graduating students go on to postsecondary education while two-thirds of the nation's graduates do.




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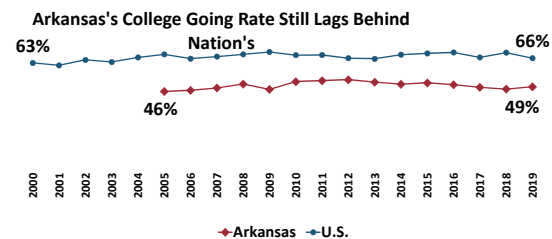
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### College Going Rates




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### Adults Who Graduated From High School

**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.”

**NOW:** While Arkansas still ranks below the national average, it has increased the percentage of adults who have graduated from high school and narrowed the gap.




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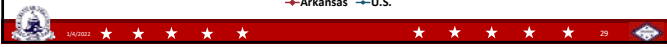
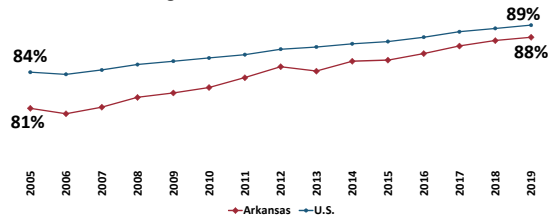
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### Adults Who Graduated From High School

State & National High School Graduation Rates Grow




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### High School Graduation Rates Comparison: Top NAEP States

NAEP States	Percent
Massachusetts	91.3%
New Jersey	90.3%
New Hampshire	93.3%
Minnesota	93.6%
Wyoming	94.5%
Virginia	90.0%
Vermont	93.1%
Indiana	89.6%
Connecticut	90.7%
Utah	93.0%




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### High School Graduation Rates Comparison: Top SREB States

SREB States	Percent
Virginia	90.0%
Florida	88.4%
<b>Maryland</b>	<b>90.4%</b>
North Carolina	88.6%
Kentucky	87.2%
Georgia	87.9%
Tennessee	88.0%
Texas	84.6%




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### High School Graduation Rates Comparison: Contiguous States

Contiguous	Percent
Missouri	90.7%
Tennessee	88.0%
Texas	84.6%
Oklahoma	88.4%
<b>Arkansas</b>	<b>87.5%</b>
Mississippi	85.3%
Louisiana	86.0%




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### Adults With a Bachelor's Degree or Higher

**2001 KILGORE DECISION:** "Arkansas ranks 49<sup>th</sup> in the nation in percentage of the population age 25 years or older with a bachelor's degree or higher."

**NOW:** Arkansas still ranks 49<sup>th</sup> out of the 50 states and the District of Columbia for the percentage of adults 25 and older with bachelor's degrees. The percentage fell from 23.4% in 2017 to 23.3% in 2018, where it remained in 2019.




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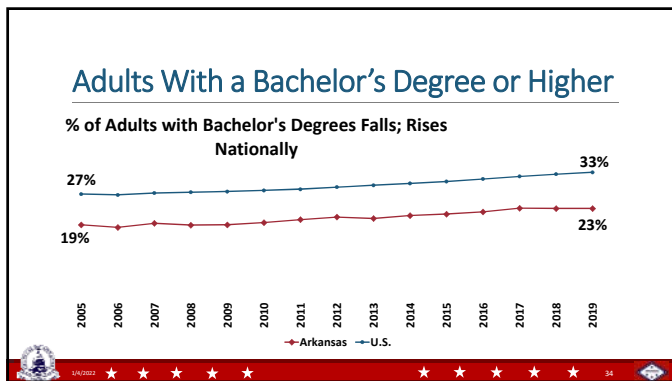
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### Adults with Bachelor's or Higher: Top NAEP States

Top NAEP States	Percent
Massachusetts	45.0%
New Jersey	41.2%
New Hampshire	37.6%
Minnesota	37.3%
Wyoming	29.1%
Virginia	39.6%
Vermont	38.7%
Indiana	26.9%
Connecticut	39.8%
Utah	34.8%

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### Adults with Bachelor's or Higher: Top SREB States

Top SREB States	Percent
Virginia	39.6%
Florida	30.7%
Maryland	40.9%
North Carolina	32.3%
Kentucky	25.1%
Georgia	32.5%
Tennessee	28.7%
Texas	30.8%

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### Adults with Bachelor's or Higher: Contiguous States

Contiguous	Percent
Missouri	30.2%
Tennessee	28.7%
Texas	30.8%
Oklahoma	26.2%
<b>Arkansas</b>	<b>23.3%</b>
Mississippi	22.3%
Louisiana	25.0%



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### Adults With Graduate Degrees

**2001 KILGORE DECISION:** "Arkansas ties for last place in the nation in percentage of adults with graduate degrees."

**NOW:** After reaching a rank of 47<sup>th</sup> in 2017, Arkansas again ranks last – 51<sup>st</sup> – among the 50 states and the District of Columbia in the percentage of adults with graduate degrees.



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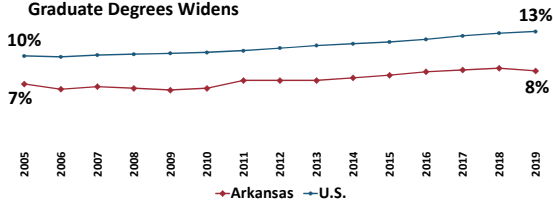
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### Adults With Graduate Degrees

Gap Between State's and Nation's Percentages of Graduate Degrees Widens



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### Adults with Graduate Degrees: Top NAEP States

Top NAEP States	Percent
Massachusetts	20.3%
New Jersey	16.1%
New Hampshire	14.7%
Minnesota	12.7%
Wyoming	10.4%
Virginia	17.2%
Vermont	16.0%
Indiana	9.7%
Connecticut	17.8%
Utah	11.3%




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### Adults with Graduate Degrees: Top SREB States

Top SREB States	Percent
Virginia	17.2%
Florida	11.4%
Maryland	19.1%
North Carolina	11.8%
Kentucky	10.3%
Georgia	12.6%
Tennessee	10.7%
Texas	10.8%




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### Adults with Graduate Degrees: Contiguous States

Contiguous	Percent
Missouri	11.8%
Tennessee	10.7%
Texas	10.8%
Oklahoma	9.1%
Arkansas	8.3%
Mississippi	8.6%
Louisiana	8.9%




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## Median Household Income

**2001 KILGORE DECISION:** “Arkansas ranks 49<sup>th</sup> among the states for median household income.”

**NOW:** Although the median household income has risen by nearly \$17,000 since 2000, Arkansas still ranks 49<sup>th</sup> among states and the District of Columbia on this measure.




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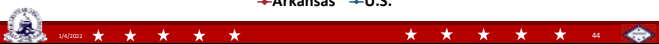
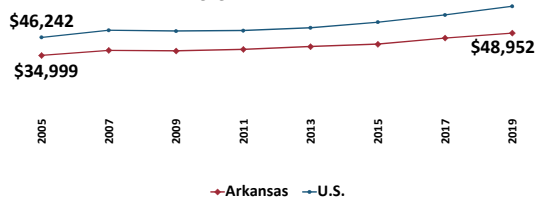
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## Median Household Income

Arkansas Median Household Income Below National Level




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## Median HH Income: Top NAEP States

NAEP States	Median Income
Massachusetts	\$85,843
New Jersey	\$85,751
New Hampshire	\$77,933
Minnesota	\$74,593
Wyoming	65,003
Virginia	\$76,456
Vermont	\$63,001
Indiana	\$57,603
Connecticut	\$78,833
Utah	\$75,780




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### Median HH Income: Top SREB States

SREB States	Median Income
Virginia	\$76,456
Florida	\$59,227
Maryland	\$86,738
North Carolina	\$57,341
Kentucky	\$52,295
Georgia	\$61,980
Tennessee	\$56,071
Texas	\$64,034

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### Median HH Income: Contiguous States

Contiguous	Median Income
Missouri	\$57,409
Tennessee	\$56,071
Texas	\$64,034
Oklahoma	\$54,449
<u>Arkansas</u>	<u>\$48,952</u>
Mississippi	\$45,792
Louisiana	\$51,073

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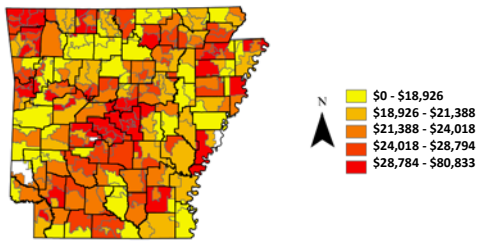
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### School Districts by Income

U.S. Census 2019 5-Year Household Median Estimates



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### Teacher Pay

**2001 KILGORE DECISION:** "Arkansas generally ranks between 48th and 50th in teacher pay."

**NOW:** Arkansas's average annual teacher salary in 2020 was 48<sup>th</sup>, after improving to 46th in 2019. What's more, when controlling for inflation, the salary in 2020 was actually 1.8% less than the \$33,386 reported in 2000, according to the National Center for Education Statistics.



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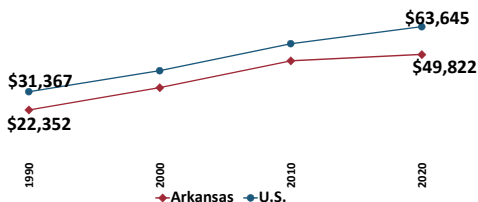
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### Teacher Pay

Arkansas Teacher Salaries Below National Average



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### Per Pupil Expenditures

**2001 KILGORE DECISION:** "Arkansas ranked 48<sup>th</sup> in the nation in 1998 on spending per student."

**NOW:** Arkansas' now ranks 38<sup>th</sup> in the nation on spending per student.



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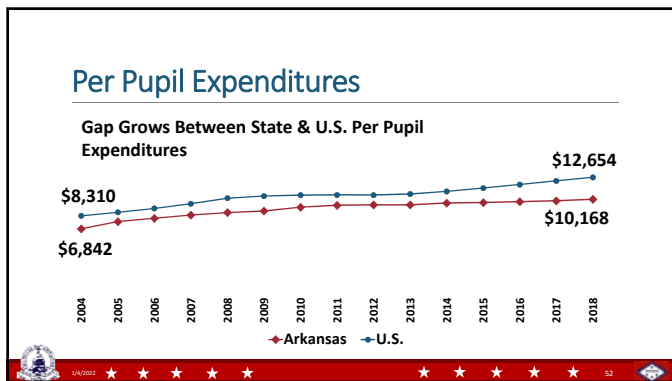
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### Per Pupil Expenditures: Top NAEP States

Top NAEP States	Per Pupil
Massachusetts	\$18,328
<b>New Jersey</b>	<b>\$20,316</b>
New Hampshire	\$16,588
Minnesota	\$12,910
Wyoming	\$16,134
Virginia	\$12,224
Vermont	\$20,149
Indiana	\$10,033
Connecticut	\$20,147
<b>Utah</b>	<b>\$7,576</b>

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### Per Pupil Expenditures: Top SREB States

SREB States	Per Pupil
Virginia	\$12,224
Florida	\$9,663
<b>Maryland</b>	<b>\$15,155</b>
<b>North Carolina</b>	<b>\$9,277</b>
Kentucky	\$11,081
Georgia	\$10,760
Tennessee	\$9,599
Texas	\$9,670

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### Per Pupil Expenditures: Contiguous States

Contiguous	Per Pupil
Missouri	\$11,034
Tennessee	\$9,599
Texas	\$9,670
Oklahoma	\$8,174
<u>Arkansas</u>	<u>\$10,168</u>
Mississippi	\$8,909
Louisiana	\$11,636




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### Education Week's Rankings

**2001 KILGORE DECISION:** "In a survey published in 'Education Week', Arkansas received an **F on the adequacy** indicator and a **C on the equitable** division indicator."

**NOW:** Following a 2008 methodology change, Arkansas's rating in **equity was A- in 2008 and again in 2021**, and its rating in **spending fell from a C- in 2008 to an F in 2021**.




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### Education Week's Rankings

Year	Equity Rating	Spending Rating
2008	A-	C-
2009	A-	D-
2010	A-	F
2011	B+	F
2012	B+	F
2013	B+	F
2014	B+	D-
2015	B+	F
2016	B+	F
2017	B	F
2018	B+	F
2019	B+	F
2020	B+	F
2021	A-	F




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### Big Take-Aways

- No clear success story on education indicators over last 20 years
- Poverty pervasive in almost all schools
- Community wealth is uneven in state
- Or....



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### Lake View Issues Still Exist



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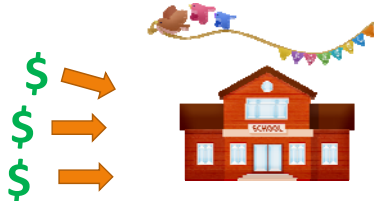
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### Up Next....

MONDAY: FUNDING



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### Adequacy Funding: Major Themes

- Research Findings**
  - Efficiency and achievement peak in schools of about 500
- Funding Methods**
  - Four major methods used by states
  - Arkansas mainly uses per-pupil foundation funding
- Determining Cost of Adequacy**
  - Four major methods
  - Arkansas mainly uses evidence-based

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### Up Next....

TUESDAY: EXPENDITURES



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### Spending Major Themes

- Research Finding**
  - Spending Matters: How much as well as what for
- Funding Streams for Adequacy Spending**
  - Matrix/Foundation
  - Categorical
  - Additional
- Spending Patterns Vary Between Types of Schools**
  - Smaller schools and larger schools tend to spend more per pupil
  - Charters and districts often differ in their spending patterns
  - Successful schools spend more on human resources except for teachers

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Questions

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