

Arkansas

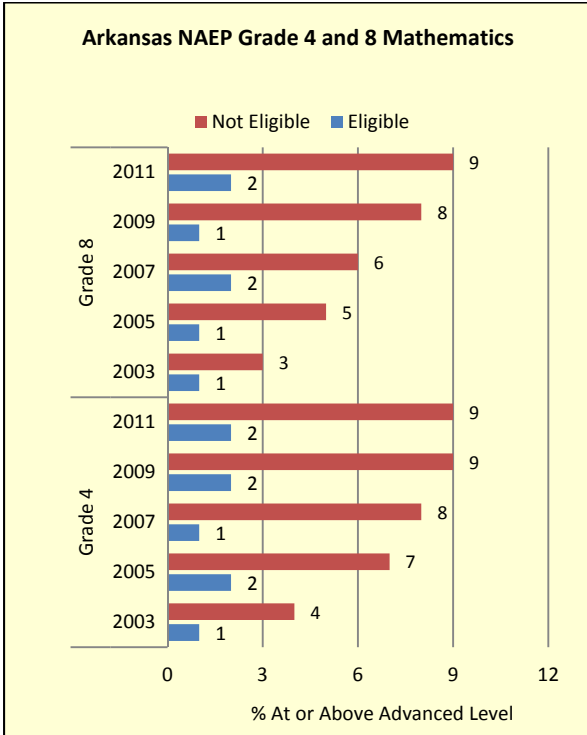
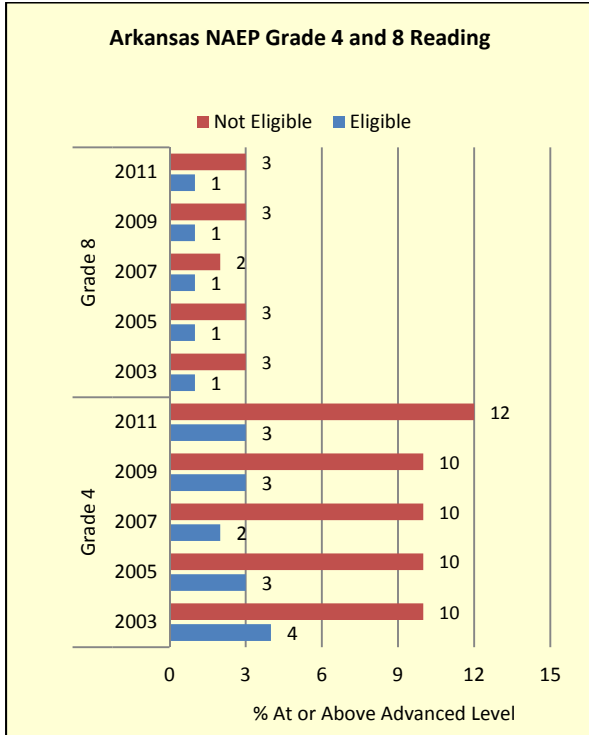
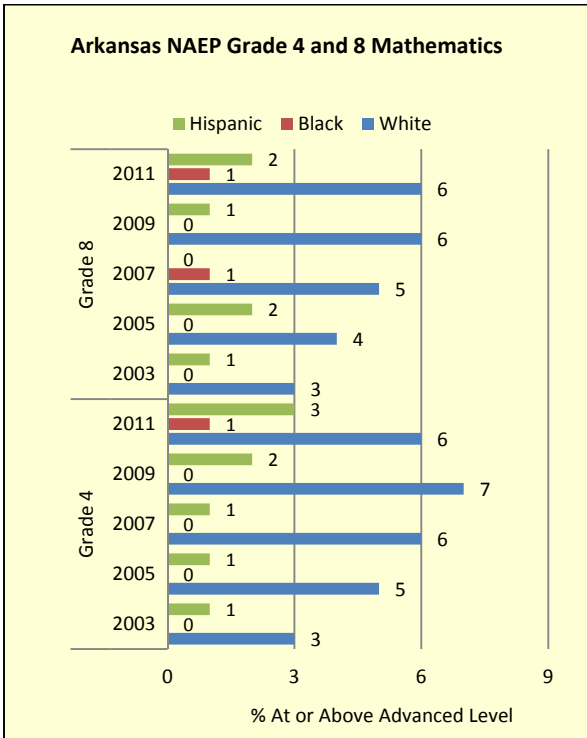
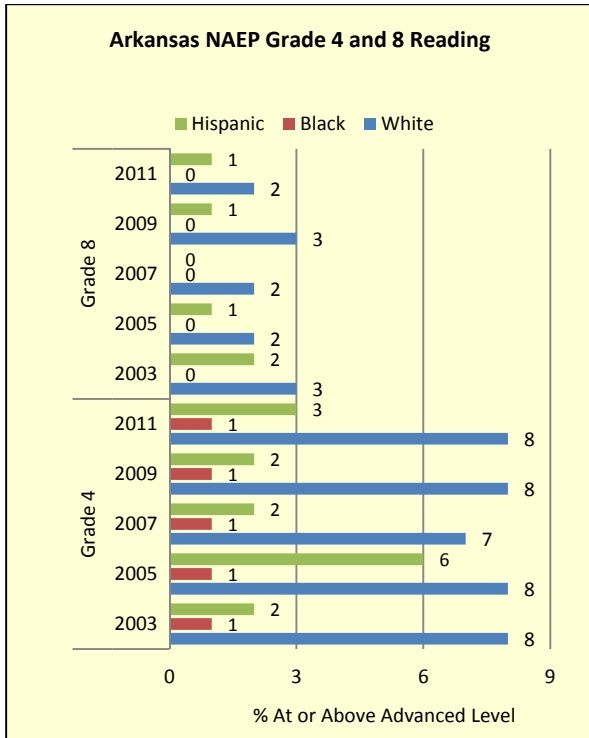
NAEP testing data as well as state assessment results reveal a continued Excellence Gap for Black, Hispanic, and Free and Reduced Lunch Eligible (FARM) students.

According to NAEP proficiency data, the Excellence Gap remained high between ethnic groups and FARM and non-FARM students. Non-FARM students performing at the advanced level in Grade 4 and 8 Math increased significantly between 2003 and 2011, while FARM students remained low. In both Grade 4 and 8 Black and Hispanic students at the advanced level in Reading and Math was either non-existent or extremely low.

The percentage of students at the advanced level in Grade 8 Reading assessment for all ethnic groups between 2003 and 2011 was the lowest and thus had the smallest Excellence Gap. Grade 4 Reading assessments had the largest increase in above average scores between FARM and non-FARM students and had the largest Excellence Gap. In Grade 4 and 8 Math, no Black student scored above the average level in 2003, with only one percent with scores at the above average level by 2011. In Grade 8 Reading assessment, no Black students scored above the average level from 2003 to 2011.

The Arkansas Augmented Benchmark Exams confirms that wide Excellence Gaps exist between ethnic groups. Although the state exam indicates an increasing number of Black and Hispanic students at the advance level, NAEP data portrays a different view between 2003 and 2011.

ARKANSAS State Profile



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| Arkansas NAEP Scores at Above Average Level | | | | | | |
|---|------|------|------|----------|----------|----------|
| Subject, Grade, Group | 2003 | 2007 | 2011 | 2003 Gap | 2007 Gap | 2011 Gap |
| Math 4 Male | 2 | 5 | 5 | 0 | 1 | 1 |
| Math 4 Female | 2 | 4 | 4 | | | |
| Math 8 Male | 3 | 5 | 6 | 1 | 2 | 2 |
| Math 8 Female | 2 | 3 | 4 | | | |
| Reading 4 Male | 5 | 4 | 6 | 2 | 2 | 0 |
| Reading 4 Female | 7 | 6 | 6 | | | |
| Reading 8 Male | 1 | 1 | 1 | 2 | 1 | 1 |
| Reading 8 Female | 3 | 2 | 2 | | | |
| Math 4 ELL | 0 | 0 | 1 | 2 | 5 | 4 |
| Math 4 NonELL | 2 | 5 | 5 | | | |
| Math 8 ELL | X | 1 | 1 | * | 3 | 4 |
| Math 8 NonELL | 2 | 4 | 5 | | | |
| Reading 4 ELL | 1 | 2 | 2 | 5 | 4 | 4 |
| Reading 4 NonELL | 6 | 6 | 6 | | | |
| Reading 8 ELL | X | 0 | 1 | * | 1 | * |
| Reading 8 NonELL | 2 | 1 | 2 | | | |
| Math 4 FARM | 1 | 1 | 2 | 3 | 7 | 7 |
| Math 4 NonFARM | 4 | 8 | 9 | | | |
| Math 8 FARM | 1 | 2 | 2 | 2 | 4 | 7 |
| Math 8 NonFARM | 3 | 6 | 9 | | | |
| Reading 4 FARM | 4 | 2 | 3 | 6 | 8 | 9 |
| Reading 4 NonFARM | 10 | 10 | 12 | | | |
| Reading 8 FARM | 1 | 1 | 1 | 2 | 1 | 2 |
| Reading 8 NonFARM | 3 | 2 | 3 | | | |
| Math 4 White | 3 | 6 | 6 | | | |
| Math 4 Black | 0 | 0 | 1 | 3 | 6 | 5 |
| Math 4 Hispanic | 1 | 1 | 3 | 2 | 5 | 3 |
| Math 8 White | 3 | 5 | 6 | | | |
| Math 8 Black | 0 | 1 | 1 | 3 | 4 | 5 |
| Math 8 Hispanic | 1 | 0 | 2 | 2 | 5 | 4 |
| Reading 4 White | 8 | 7 | 8 | | | |
| Reading 4 Black | 1 | 1 | 1 | 7 | 6 | 7 |
| Reading 4 Hispanic | 2 | 2 | 3 | 6 | 5 | 5 |
| Reading 8 White | 3 | 2 | 2 | | | |
| Reading 8 Black | 0 | 0 | 0 | 3 | 2 | 2 |
| Reading 8 Hispanic | 2 | 0 | 1 | 1 | 2 | 1 |

X = reporting standards not met

* = results could not be calculated

ARKANSAS State Profile

| AR Augmented Benchmark Exams Grades 4 & 8 and End-of-Course Grade 11 Literacy Excellence Achievement Gaps on Race | | | | | | | | | | | | | | | |
|--|----------------|----|----|-----------|-----------|----------------|----|----|-----------|-----------|-----------------|---|---|----------|-----------|
| | Grade 4 | | | | | Grade 8 | | | | | Grade 11 | | | | |
| % at Advanced | W | B | H | W-B | W-H | W | B | H | W-B | W-H | W | B | H | W-B | W-H |
| 2004 | 13 | 3 | 16 | 10 | -3 | 12 | 2 | 5 | 10 | 7 | 2 | 0 | 1 | 2 | 1 |
| 2005 | 18 | 5 | 10 | 13 | 8 | 16 | 4 | 7 | 12 | 9 | 2 | 1 | 4 | 1 | -2 |
| 2006 | 30 | 9 | 23 | 21 | 7 | 23 | 6 | 14 | 17 | 9 | 1 | 1 | 5 | 0 | -4 |
| 2007 | 27 | 8 | 10 | 19 | 17 | 27 | 9 | 11 | 18 | 16 | 3 | 2 | 2 | 1 | 1 |
| 2008 | 35 | 14 | 17 | 21 | 18 | 30 | 9 | 14 | 21 | 16 | 3 | 2 | 1 | 1 | 2 |
| 2009 | 38 | 15 | 19 | 23 | 19 | 29 | 9 | 17 | 20 | 12 | 3 | 2 | 1 | 1 | 2 |
| 2010 | 41 | 18 | 24 | 23 | 17 | 36 | 15 | 22 | 21 | 14 | 4 | 2 | 2 | 2 | 2 |

| AR Augmented Benchmark Exams Grades 4 & 8 Mathematics and End-of-Course Algebra Excellence Achievement Gaps on Race | | | | | | | | | | | | | | | |
|--|----------------|----|----|-----------|-----------|----------------|---|----|-----------|-----------|----------------|----|----|-----------|-----------|
| | Grade 4 | | | | | Grade 8 | | | | | Algebra | | | | |
| % at Advanced | W | B | H | W-B | W-H | W | B | H | W-B | W-H | W | B | H | W-B | W-H |
| 2004 | 53 | 20 | 42 | 33 | 11 | 8 | 1 | 8 | 7 | 0 | 18 | 3 | 7 | 15 | 11 |
| 2005 | 22 | 6 | 13 | 16 | 9 | 9 | 1 | 4 | 8 | 5 | 29 | 6 | 19 | 23 | 10 |
| 2006 | 31 | 10 | 30 | 21 | 1 | 13 | 2 | 5 | 11 | 8 | 35 | 8 | 22 | 27 | 13 |
| 2007 | 44 | 17 | 26 | 27 | 18 | 18 | 8 | 3 | 10 | 15 | 34 | 8 | 16 | 26 | 18 |
| 2008 | 54 | 25 | 36 | 29 | 18 | 28 | 7 | 13 | 21 | 15 | 33 | 9 | 16 | 24 | 17 |
| 2009 | 56 | 26 | 39 | 30 | 17 | 29 | 7 | 15 | 22 | 14 | 38 | 11 | 20 | 27 | 18 |
| 2010 | 62 | 34 | 47 | 28 | 15 | 28 | 8 | 15 | 20 | 13 | 40 | 13 | 23 | 27 | 17 |

ARKANSAS State Profile

| AR Augmented Benchmark Exams Grades 4 & 8 and End-of-Course Grade 11 Literacy Excellence Achievement Gaps on SES | | | | | | | | | |
|--|---------|----|-----------|---------|----|-----------|----------|---|----------|
| | Grade 4 | | | Grade 8 | | | Grade 11 | | |
| % at Advanced | N | P* | N-P | N | P | N-P | N | P | N-P |
| 2008 | 42 | 20 | 22 | 46 | 21 | 25 | 3 | 2 | 1 |
| 2009 | 47 | 21 | 26 | 50 | 24 | 26 | 3 | 3 | 0 |
| 2010 | 51 | 24 | 27 | 53 | 28 | 25 | 5 | 3 | 2 |

| AR Augmented Benchmark Exams Grades 4 & 8 Mathematics and End-of-Course Algebra Excellence Achievement Gaps on SES | | | | | | | | | |
|--|---------|----|-----------|---------|----|-----------|---------|----|-----------|
| | Grade 4 | | | Grade 8 | | | Algebra | | |
| % at Advanced | N | P | N-P | N | P | N-P | N | P | N-P |
| 2008 | 62 | 35 | 27 | 33 | 12 | 21 | 36 | 16 | 20 |
| 2009 | 66 | 37 | 29 | 36 | 13 | 23 | 43 | 20 | 23 |
| 2010 | 71 | 44 | 27 | 35 | 14 | 21 | 46 | 22 | 24 |

**Low SES labeled as "Economic Disadvantage"*