

Missouri

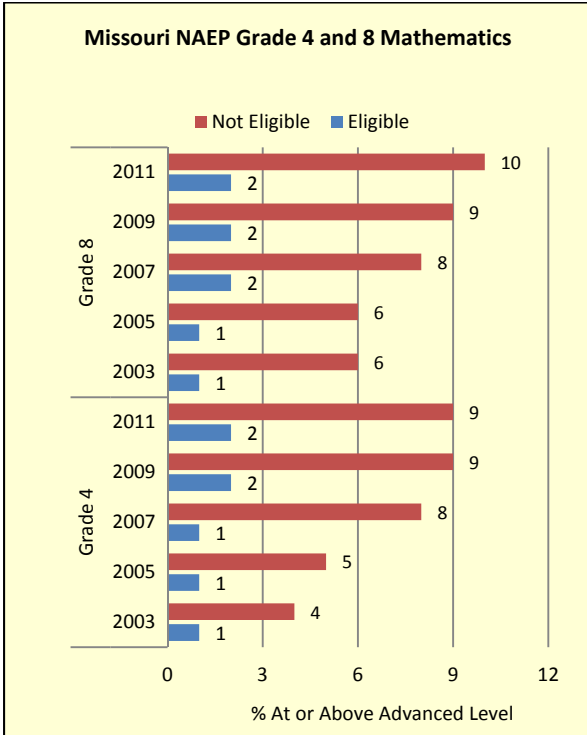
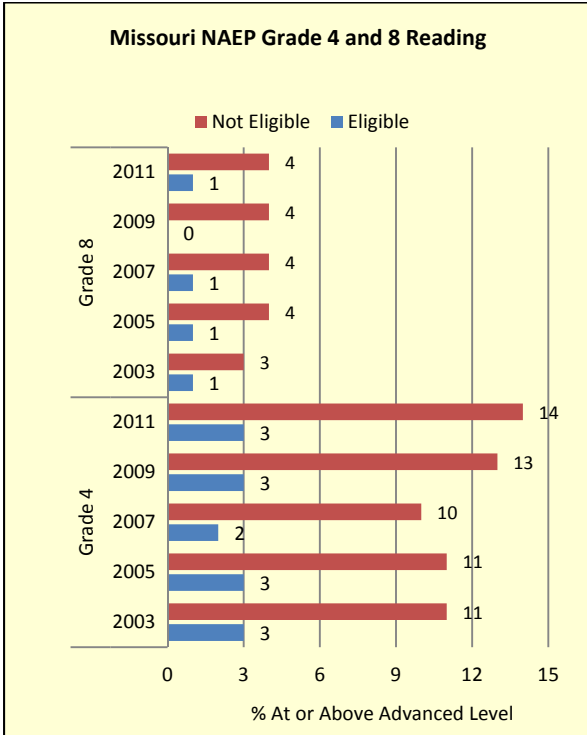
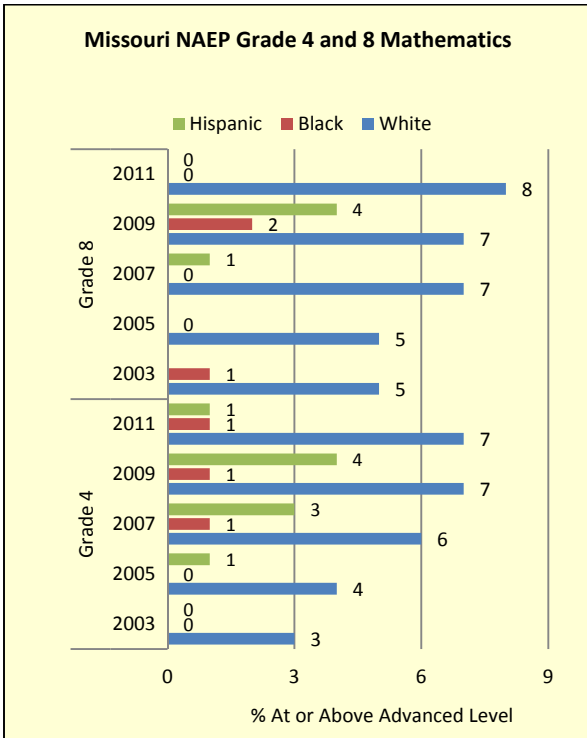
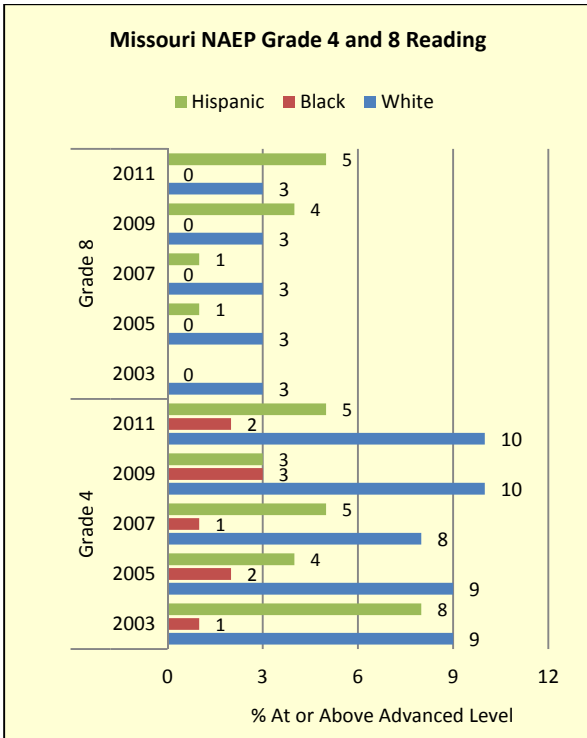
NAEP testing data as well as state assessment results reveal moderate Excellence Gaps for Black, Hispanic, and Free and Reduced Lunch Eligible (FARM) students.

According to NAEP proficiency data, the Excellence Gap between White and Black students in Grade 8 Math has widened between 2003 and 2011. While scores among White students have steadily increased, the scores among Black students have decreased overall since 2003. A similar size gap existed in 2011 between White and Black students in Grade 4 Reading. But unlike the gap in Grade 8 Math, the Excellence Gap in Grade 4 Reading has had less fluctuation since 2003. Among scores at the above average level, the widest gaps in 2011 were in Grade 8 Math between White and both Black and Hispanic students.

The Excellence Gap between FARM and non-FARM students in Grade 4 Reading was the largest among any two groups in 2011. In both Grades, the gaps between FARM and non-FARM Math students has steadily increased since 2003. A more moderate gap between FARM and non-FARM students existed in 2011 between Grade 8 Reading students. The largest gap among scores at the above average level in 2011 was between FARM and non-FARM students in Grade 4 Reading.

Missouri consistently scores more students at the advanced level than the NAEP assessment. In 2011, 24% of White students in Grade 4 Reading scored above average using the Missouri assessment while 10% scored at that level on the NAEP. Still, the Missouri assessment does indicate significant Excellence Gaps, particularly between White and Black students. In 2011, the widest of these were in Grade 4 Reading and Grade 4 Math. Wide gaps continue to exist in 2011 between FARM and non-FARM students in Math and Reading.

MISSOURI State Profile



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Missouri NAEP Scores at Advanced						
Subject, Grade, Group	2003	2007	2011	2003 Gap	2007 Gap	2011 Gap
Math 4 Male	3	6	6	1	2	1
Math 4 Female	2	4	5			
Math 8 Male	5	7	7	1	3	1
Math 8 Female	4	4	6			
Reading 4 Male	7	5	6	3	3	5
Reading 4 Female	10	8	11			
Reading 8 Male	2	2	2	2	1	2
Reading 8 Female	4	3	4			
Math 4 ELL	X	X	0	*	*	6
Math 4 NonELL	3	5	6			
Math 8 ELL	X	X	X	*	*	*
Math 8 NonELL	4	5	7			
Reading 4 ELL	X	X	2	*	*	7
Reading 4 NonELL	8	7	9			
Reading 8 ELL	X	X	X	*	*	*
Reading 8 NonELL	3	3	3			
Math 4 FARM	1	1	2	3	7	7
Math 4 NonFARM	4	8	9			
Math 8 FARM	1	2	2	5	6	8
Math 8 NonFARM	6	8	10			
Reading 4 FARM	3	2	3	8	8	11
Reading 4 NonFARM	11	10	14			
Reading 8 FARM	1	1	1	2	3	3
Reading 8 NonFARM	3	4	4			
Math 4 White	3	6	7			
Math 4 Black	0	1	1	3	5	6
Math 4 Hispanic	0	3	1	3	3	6
Math 8 White	5	7	8			
Math 8 Black	1	0	0	4	7	8
Math 8 Hispanic	X	1	0	*	6	8
Reading 4 White	9	8	10			
Reading 4 Black	1	1	2	8	7	8
Reading 4 Hispanic	8	5	5	1	3	5
Reading 8 White	3	3	3			
Reading 8 Black	0	0	0	3	3	3
Reading 8 Hispanic	X	1	5	*	2	-2

X = reporting standards not met

* = results could not be calculated

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MO Assessment Program Achievement Level 4 Grades 4, 8, & 10 Communication Arts Excellence Achievement Gaps on Race															
	Grade 4					Grade 8					Grade 10				
% at Advanced	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2006	19	6	8	13	11	18	4	8	14	10	13	3	5	10	8
2007	20	8	10	12	10	18	4	7	14	11	11	3	5	8	6
2008	14	5	6	9	8	18	5	8	13	10	14	3	6	11	8
2009	15	6	7	9	8	19	5	9	14	10	Data Not Available				
2010	23	9	11	14	12	21	7	10	14	11	19	6	10	13	9
2011	24	9	12	15	12	22	7	12	15	10	22	8	13	14	9

MO Assessment Program Achievement Level 4 Grades 4, 8, & 10 Mathematics Excellence Achievement Gaps on Race															
	Grade 4					Grade 8					Grade 10				
% at Advanced	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2006	11	3	5	8	6	15	2	6	13	9	12	2	4	10	8
2007	11	3	5	8	6	17	3	7	14	10	10	2	4	8	6
2008	10	3	5	7	5	17	3	7	14	10	14	2	6	12	8
2009	10	3	5	7	5	18	4	8	14	10	17	4	9	13	8
2010	11	4	5	7	6	23	7	11	16	12	20	5	10	15	10
2011	13	4	7	9	6	23	6	12	17	11	23	5	14	18	9

MISSOURI State Profile

MO Assessment Program Achievement Level 4 Grades 4, 8, & 10 Communication Arts Excellence Achievement Gaps on SES									
	Grade 4			Grade 8			Grade 10		
% at Advanced	N	P*	N-P	N	P	N-P	N	P	N-P
2009	19	7	12	23	8	15	Data Not Available		
2010	29	12	17	25	10	15	22	9	13
2011	31	13	18	27	10	17	26	11	15

MO Assessment Program Achievement Level 4 Grades 4, 8, & 10 Mathematics Excellence Achievement Gaps on SES									
	Grade 4			Grade 8			Grade 10		
% at Advanced	N	P	N-P	N	P	N-P	N	P	N-P
2009	12	4	8	22	7	15	19	7	12
2010	14	6	8	28	10	18	22	9	13
2011	17	7	10	29	10	19	27	11	16

**Low SES labeled as "FARM"*