Maryland

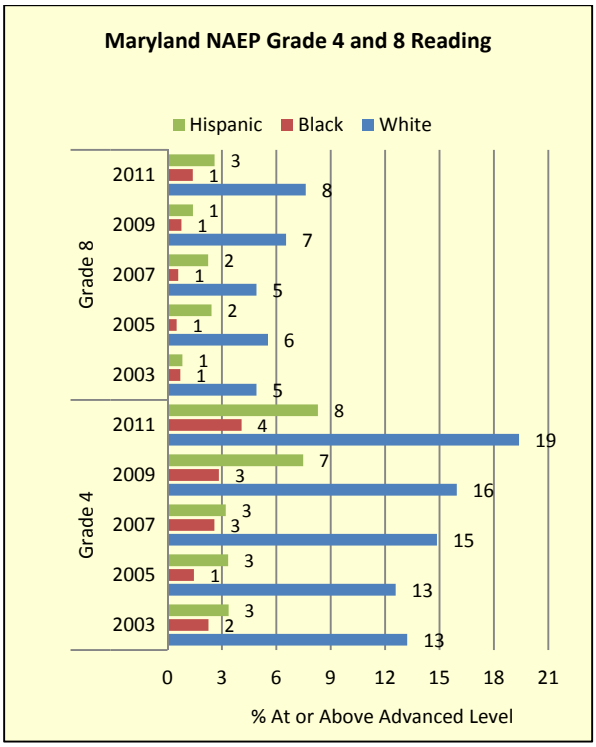
NAEP testing data as well as state assessment results reveal substantial excellence gaps for Black, Hispanic, and Free and Reduced Lunch Eligible (FARM) students.

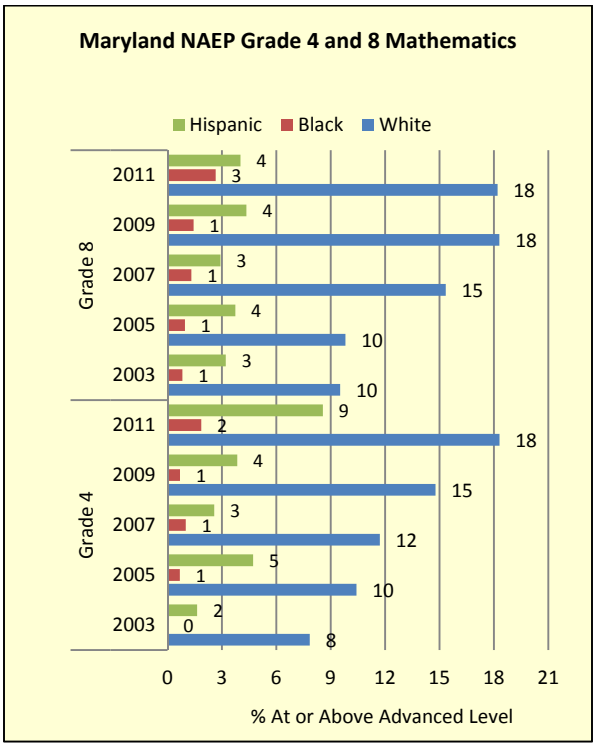
According to NAEP proficiency data, the Excellence Gap between White and Black students and Hispanic students in Grade 4 Math has increased significantly since 2003. The gap between these groups is even slightly wider in Grade 8 Math, and has increased since 2003. Wide Excellence Gaps also exist for 2011 between White and Black students in scores at the above average level, particularly in Grade 4 Math, Grade 8 Math, and Grade 4 Reading.

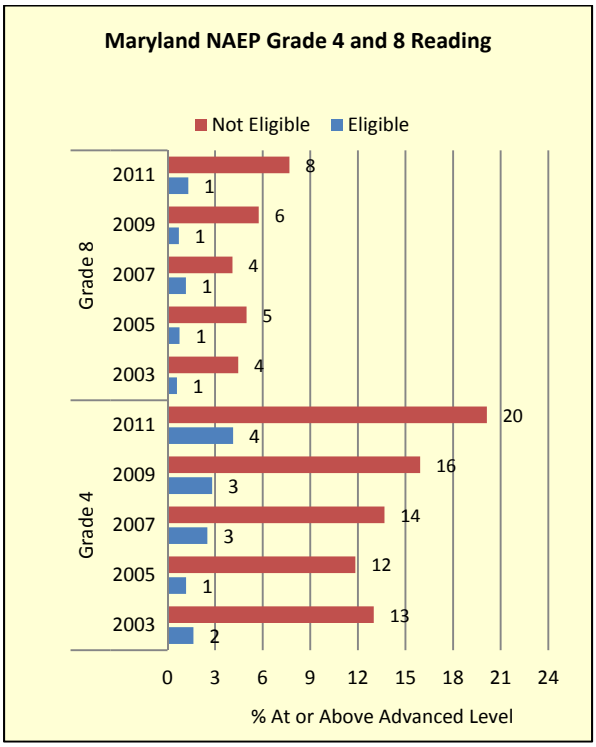
Between FARM and non-FARM students, the Excellence Gaps in both Grade 4 Reading and Math have grown significantly between 2003 and 2011. In each case, moderate gains by FARM students have been greatly outpaced by increases in the percent of non-FARM students at the above average level. The gap in scores at the above average level in Grade 4 Math has more than doubled between FARM and non-FARM students since 2003.

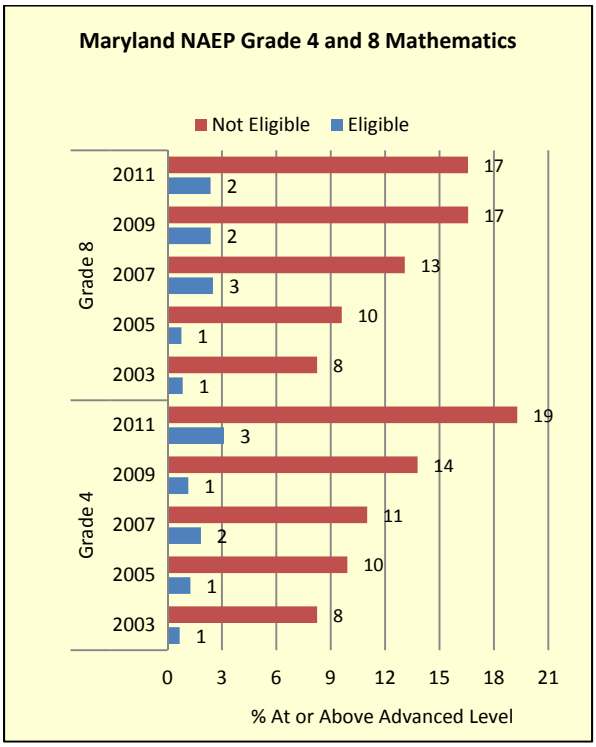
The Maryland state assessment scores considerably more students at the advanced level than the NAEP assessment. For example, in 2011 NAEP scored 18% of White students in advanced Math, while the Maryland assessment scored 46% at that level. Still, the Maryland assessment does confirm wide Excellence Gaps, particularly between White and Black students. In 2011, the gaps between White and Black students were particularly wide in Grade 8 Reading and Math.

MARYLAND State Profile









MARYLAND State Profile

Maryland NAEP Scores at Above Average Level						
Subject, Grade, Group	**2003**	**2007**	**2011**	**2003 Gap**	**2007 Gap**	**2011 Gap**
Math 4 Male	6	9	14	2	3	3
Math 4 Female	4	6	11			
Math 8 Male	7	12	13	1	3	3
Math 8 Female	6	9	10			
Reading 4 Male	8	8	12	2	4	4
Reading 4 Female	10	12	16			
Reading 8 Male	2	2	4	3	2	3
Reading 8 Female	5	4	7			
Math 4 ELL	2	3	2	3	5	11
Math 4 NonELL	5	8	13			
Math 8 ELL	X	X	2	*	*	10
Math 8 NonELL	7	10	12			
Reading 4 ELL	4	6	3	5	4	11
Reading 4 NonELL	9	10	14			
Reading 8 ELL	X	X	X	*	*	*
Reading 8 NonELL	4	3	6			
Math 4 FARM	1	2	3	7	9	16
Math 4 NonFARM	8	11	19			
Math 8 FARM	1	3	2	7	10	15
Math 8 NonFARM	8	13	17			
Reading 4 FARM	2	3	4	11	11	16
Reading 4 NonFARM	13	14	20			
Reading 8 FARM	1	1	1	3	3	7
Reading 8 NonFARM	4	4	8			
Math 4 White	8	12	18			
Math 4 Black	0	1	2	8	11	16
Math 4 Hispanic	2	3	9	6	9	9
Math 8 White	10	15	18			
Math 8 Black	1	1	3	9	14	15
Math 8 Hispanic	3	3	4	7	12	14
Reading 4 White	13	15	19			
Reading 4 Black	2	3	4	11	12	15
Reading 4 Hispanic	3	3	8	10	12	11
Reading 8 White	5	5	8			
Reading 8 Black	1	1	1	4	4	7
Reading 8 Hispanic	1	2	3	4	3	5

X = reporting standards not met

* = results could not be calculated

MARYLAND State Profile

	MD State Assessment Grades 4, 8, & High School Reading Excellence Achievement Gaps on Race														
	Grade 4					Grade 8					High School				
% at Advanced	W	B*	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2004	24	5	7	19	17	29	9	10	21	19	Data Not Available				
2005	26	7	8	19	18	35	9	11	26	24	33	8	12	25	21
2006	34	10	11	24	26	36	10	11	26	25	34	9	13	25	21
2007	36	12	12	24	24	35	10	11	25	24	42	14	16	28	26
2008	39	14	14	25	25	48	17	20	31	28	45	17	21	28	24
2009	38	13	14	25	24	48	24	23	24	25	Data Not Available				
2010	41	16	16	25	25	57	29	34	28	23					
2011	41	15	18	26	23	59	28	34	31	25	42	12	18	30	24

	MD State Assessment Grades 4 & 8 Mathematics & 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	29	7	11	23	18	25	>5	7	>20	18	Data Not Available				
2005	37	12	17	25	20	28	5	9	23	19					
2006	44	16	20	28	24	34	7	12	27	21	39	9	17	30	22
2007	51	21	25	28	26	37	9	12	28	25	37	10	18	27	19
2008	55	26	28	29	27	42	11	17	31	26	40	11	19	29	21
2009	58	29	32	29	26	41	12	16	29	25	Data Not Available				
2010	59	31	33	28	27	42	12	17	30	26					
2011	64	32	39	32	25	46	14	20	32	26	44	12	20	32	24

***Maryland began using slightly different criteria for African American students in 2011.**

MARYLAND State Profile

	MD State Assessment Grades 4, 8, & High School Reading Excellence Achievement Gaps on SES								
	Grade 4			Grade 8			High School		
% at Advanced	N	P**	N-P	N	P	N-P	N	P	N-P
2004	22	<5	>17	27	7	20	Data Not Available		
2005	25	6	19	32	8	24	27	6	21
2006	31	9	23	32	8	24	28	8	20
2007	33	10	23	32	8	24	35	11	24
2008	37	12	26	44	14	30	39	13	27
2009	37	12	25	46	19	27	39	13	26
2010	41	14	27	56	26	30	35	11	24
2011	42	14	28	59	26	33	35	11	24

	MD State Assessment Grades 4 & 8 Mathematics & 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
2004	28	6	22	23	<5	>18	Data Not Available		
2005	36	11	25	25	5	20			
2006	42	15	27	30	6	24	31	11	20
2007	48	20	28	33	8	25	31	11	20
2008	53	25	28	38	11	27	33	12	22
2009	56	28	28	38	11	27	33	12	21
2010	59	30	29	40	12	28	36	13	23
2011	63	32	**31**	44	14	30	36	14	22

**** Low SES marked as "Free/Reduced Price Meals"**