

Virginia

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

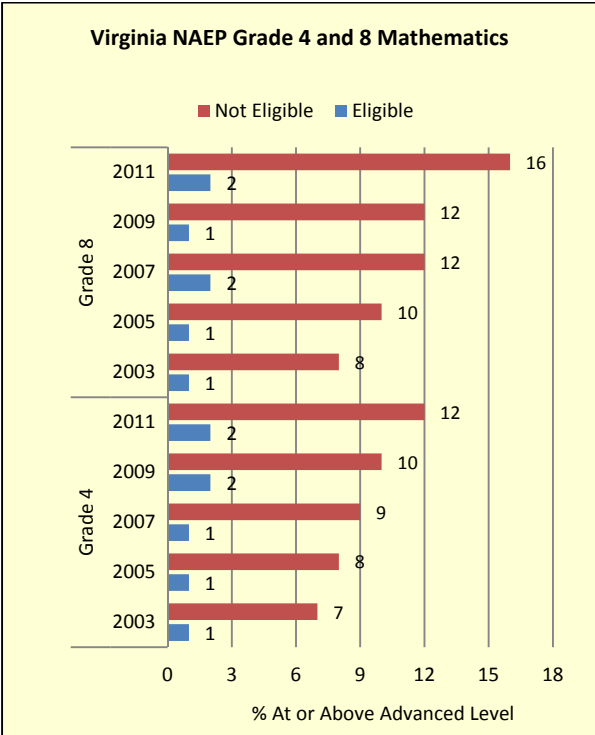
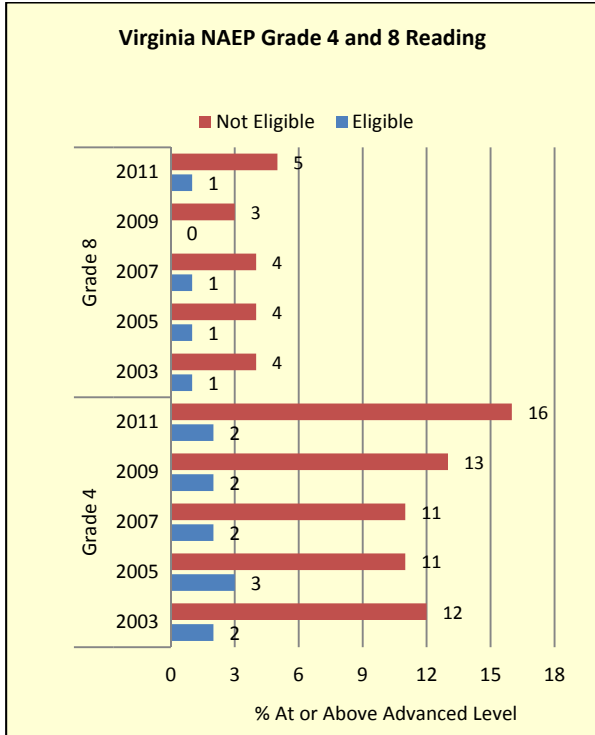
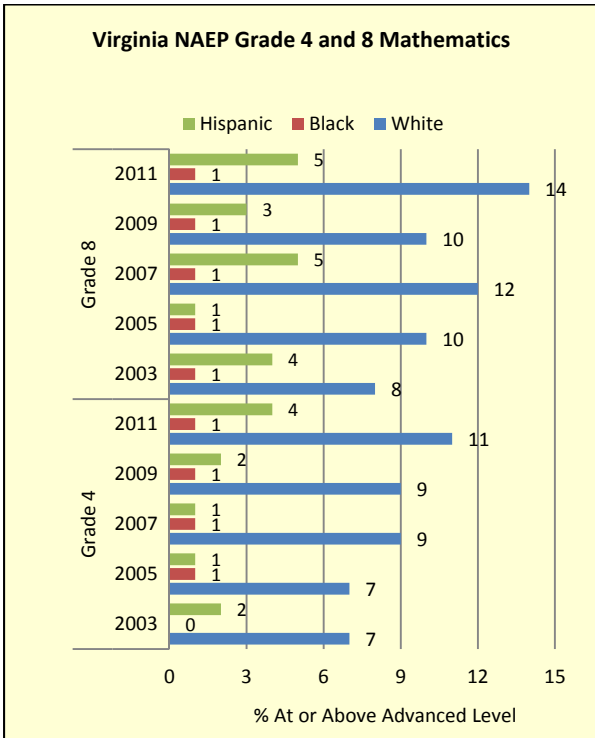
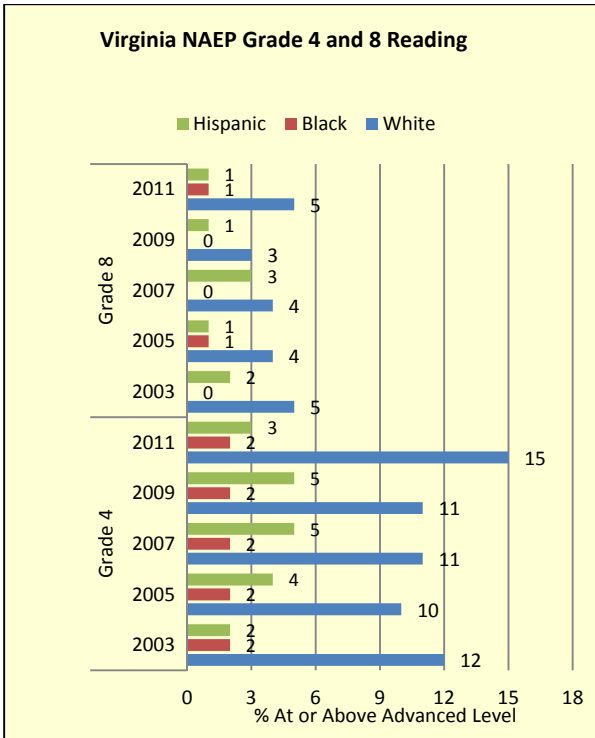
According to NAEP proficiency data on race, the most pronounced differences between ethnic subcategories since 2003 were in Grade 8 Math between White and Black students and Grade 4 Reading between White and Hispanic students. Interestingly, Grade 8 Reading gaps between the ethnic subgroups were small and either had no net increase or decreased slightly. With this exception, the disparities in excellence between the ethnic subgroups have increased steadily over the years for Grade 4 and 8 Math and for Grade 4 Reading.

NAEP proficiency data on socioeconomic status show the largest Excellence Gap occurring in Grade 8 Math and Grade 4 Reading. The Grade 8 Math gap has doubled since 2003.

Virginia's educational assessment program, the Standards of Learning assessment (SOL), shows the most substantial Excellence Gaps on race for Grade 8 Reading between White and Black students. Disparities between White and Black students are more moderate for Reading, both at the Grade 4 and 8 level, while the disparities between these students for Math are much larger. On socioeconomic status, the Excellence Gaps all increase over time by a moderate amount with the largest gap being in Grade 8 Reading. Interestingly, the Excellence Gaps between White and Hispanic students at all Grade levels (with the exception of Grade 8 Reading) have either net zero increase or have decreased over the reporting period.

There is little consistency in the Excellence Gaps identified by NAEP and the SOL. Even accounting for the differences in test rigor, the most important gaps identified by NAEP and the SOL occur within different ethnic and socioeconomic subgroups, though they have similar magnitudes and change in similar ways over time.

VIRGINIA State Profile



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

X = reporting standards not met

* = results could not be calculated

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VA Standards of Learning Assessment Grades 4, 8, & 11 Reading 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
2003	Data Not Available					21	6	8	15	13	Data Not Available				
2004						28	10	11	18	17					
2005						30	11	12	19	18					
2006	50	27	24	23	26	34	13	13	21	21					
2007	55	32	31	23	24	38	16	15	22	23					
2008	55	31	37	24	18	46	20	23	26	23					
2009	56	34	42	22	14	50	25	29	25	21					
2010	56	32	38	24	18	52	27	32	25	20					
2011	50	26	31	24	19	52	26	35	26	17					

VA Standards of Learning Assessment Grades 4, 8, & 11 Mathematics 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
2003	Data Not Available					23	6	11	17	12	Data Not Available				
2004						27	8	13	19	14					
2005						27	8	14	19	13					
2006	41	18	20	23	21	43	20	24	23	19					
2007	44	22	23	22	21	48	24	28	24	20					
2008	49	26	29	23	20	53	27	34	26	19					
2009	55	31	34	24	21	58	35	41	23	17					
2010	57	33	37	24	20	60	35	44	25	16					
2011	63	36	44	27	19	54	31	43	23	11					

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VA Standards of Learning Assessment Grades 4, 8, & 11 Reading 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
2003	Data Not Available			20	5	15	Data Not Available		
2004				28	9	19			
2005				30	10	20			
2006	50	25	25	33	13	20			
2007	56	30	26	38	15	23			
2008	55	32	23	45	19	26			
2009	58	34	24	51	25	26			
2010	58	34	24	53	28	25			
2011	53	26	27	54	26	28			

VA Standards of Learning Assessment Grades 4, 8, & 11 Mathematics 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
2003	Data Not Available			22	6	16	Data Not Available		
2004				27	9	18			
2005				27	9	18			
2006	41	18	23	43	20	23			
2007	45	22	23	48	24	24			
2008	50	26	24	53	29	24			
2009	57	32	25	59	36	23			
2010	60	34	26	62	37	25			
2011	66	38	28	56	34	22			

**Low SES labeled as "Economically Disadvantaged"*