

Colorado

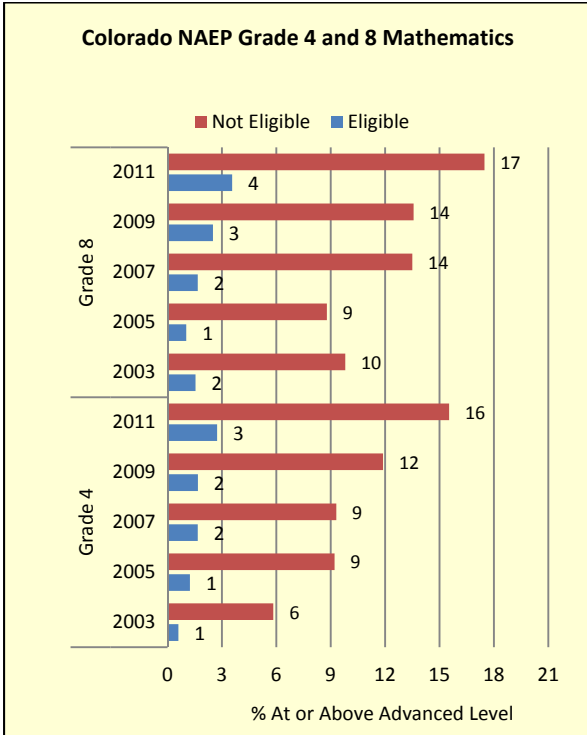
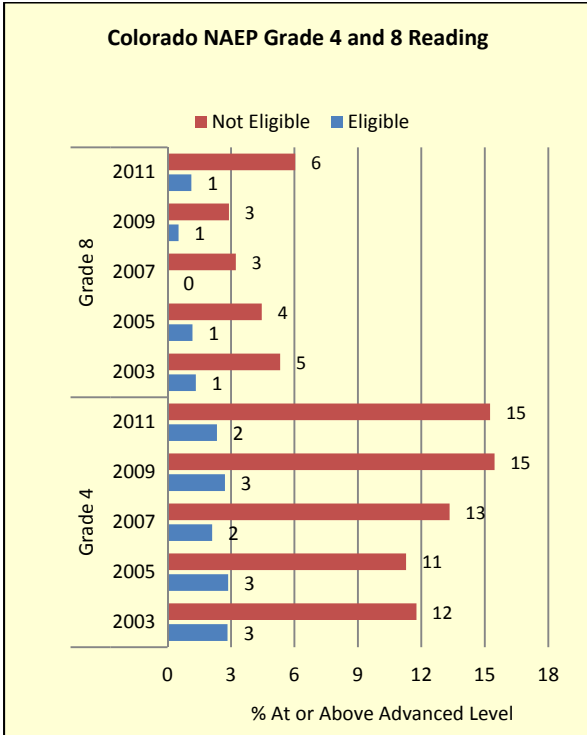
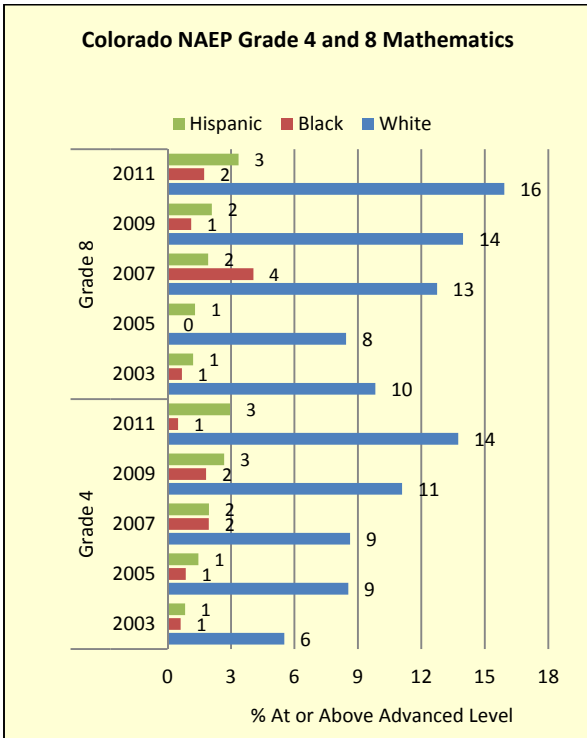
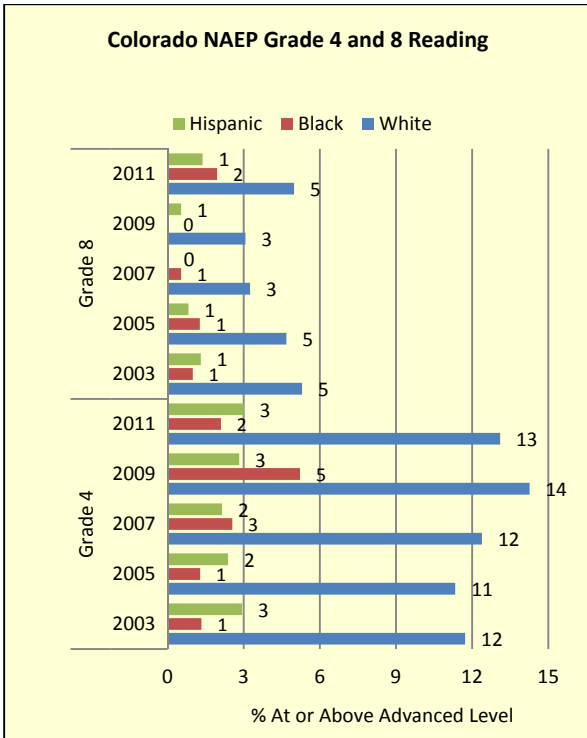
NAEP testing data as well as state assessment results reveal substantial Excellence Gaps for Black, Hispanic, and Free and Reduced Lunch Eligible (FARM) students.

According to NAEP proficiency data, the percentage of White students in Math at the advanced level in both grades increased significantly between 2003 and 2011. This widened the gap between White and Black students, particularly in Grade 8. The most significant change in above average scores was between White and Black students in Grade 4. Changes in reading were more modest.

The percentage of students at the advanced level between 2003 and 2011 increased for both FARM and non-FARM students in both grades for Math. However, that increase was significantly greater for non-FARM students. Changes in Grade 8 Reading were small or nonexistent, though a gap between the two groups exists. The difference in above average scores was greatest for Math Grade 4.

Changes in advanced achievement on the state assessment were overall more modest between 2003 and 2011. The gap between White and both Black and Hispanic students shrunk slightly for both Grade 4 and Grade 8 Reading. The most significant Excellence Gap increase was in Grade 8 Math between FARM and non-FARM students.

COLORADO State Profile



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

X = reporting standards not met

** = results could not be calculated*

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CO Student Assessment Program Grades 4, 8, & 10 Reading 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
2002	9	2	2	7	7	11	2	2	9	9	9	2	2	7	7
2003	9	2	2	7	7	13	3	2	10	11	12	3	2	9	10
2004	7	2	1	5	6	13	3	2	10	11	13	3	2	10	11
2005	10	2	2	8	8	13	3	2	10	11	12	3	2	9	10
2006	7	1	1	6	6	12	2	2	10	10	15	4	3	11	12
2007	9	2	2	7	7	11	2	2	9	9	12	3	2	9	10
2008	6	1	1	5	5	13	3	2	10	11	14	4	3	10	11
2009	9	2	2	7	7	10	2	2	8	8	13	2	2	11	11
2010	5	1	1	4	4	12	3	2	9	10	12	3	2	9	10
2011	7	1	1	6	6	12	3	3	9	9	10	2	2	8	8

CO Student Assessment Program 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
2002	Data Not Available					17	3	3	14	14	4	0	1	4	3
2003						17	2	3	15	14	5	0	1	5	4
2004						21	4	4	17	17	4	0	1	4	3
2005	29	9	9	20	20	20	4	4	16	16	6	0	1	6	5
2006	33	11	12	22	21	24	6	5	18	19	6	0	1	6	5
2007	35	12	12	23	23	23	4	5	19	18	7	1	1	6	6
2008	34	12	12	22	22	27	7	7	20	20	7	1	1	6	6
2009	36	13	13	23	23	31	9	9	22	22	7	1	1	6	6
2010	37	14	14	23	23	29	9	9	20	20	7	1	1	6	6
2011	37	11	14	26	23	28	8	9	20	19	7	1	1	6	6

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CO Student Assessment Program Grades 4, 8, & 10 Reading 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
2003	Data Not Available			13	2	11	Data Not Available		
2004	7	1	6	10	1	9	12	2	10
2005	10	2	8	13	2	11	11	2	9
2006	8	1	7	12	2	10	15	3	12
2007	9	2	7	11	2	9	11	2	9
2008	6	1	5	14	2	12	14	3	11
2009	10	2	8	10	2	8	12	2	10
2010	5	1	4	12	2	10	12	2	10
2011	7	1	6	13	2	11	10	2	8

CO Student Assessment Program 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
2003	Data Not Available			17	3	14	Data Not Available		
2004				21	4	17	4	1	3
2005	30	9	21	20	4	16	6	1	5
2006	34	12	22	25	5	20	6	1	5
2007	36	13	23	23	5	18	6	1	5
2008	35	12	23	27	7	20	6	1	5
2009	38	13	25	32	9	23	7	1	6
2010	40	14	26	31	9	22	7	1	6
2011	39	13	26	30	9	21	8	1	7

**Low SES labeled as "Free/Reduced Lunch"*