

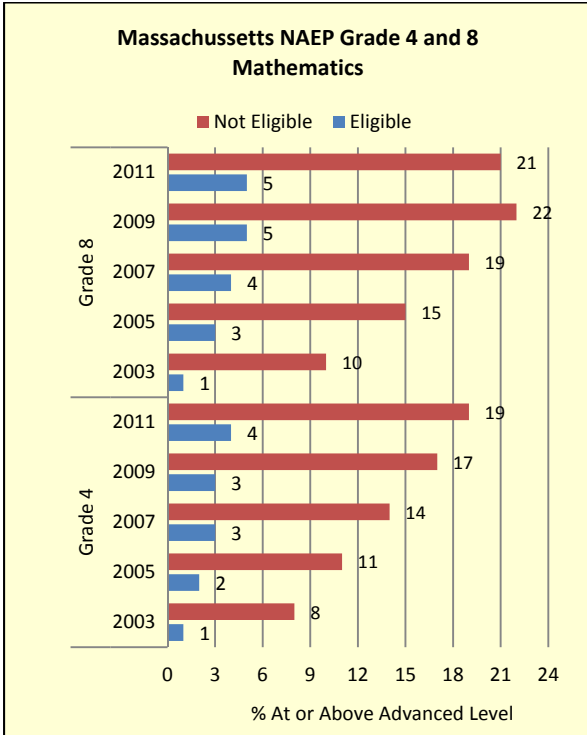
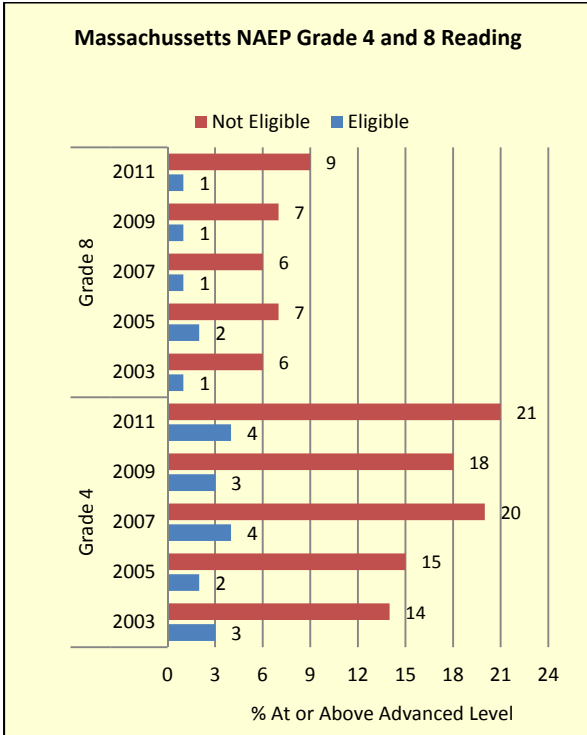
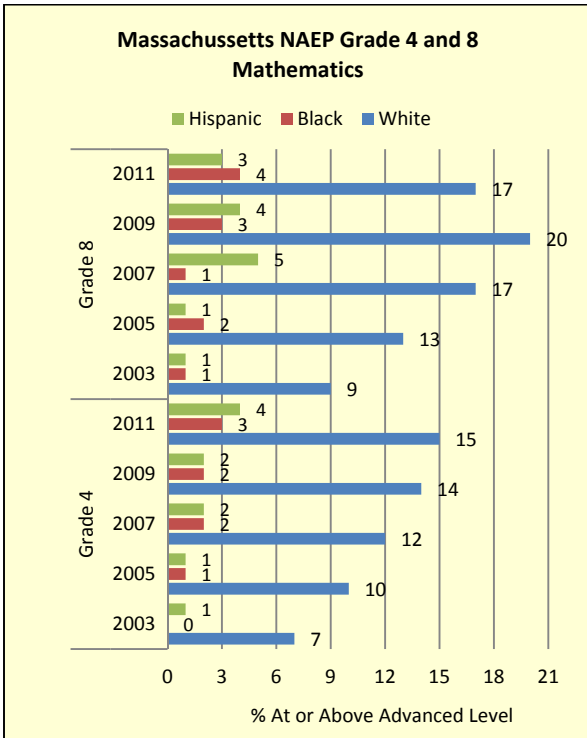
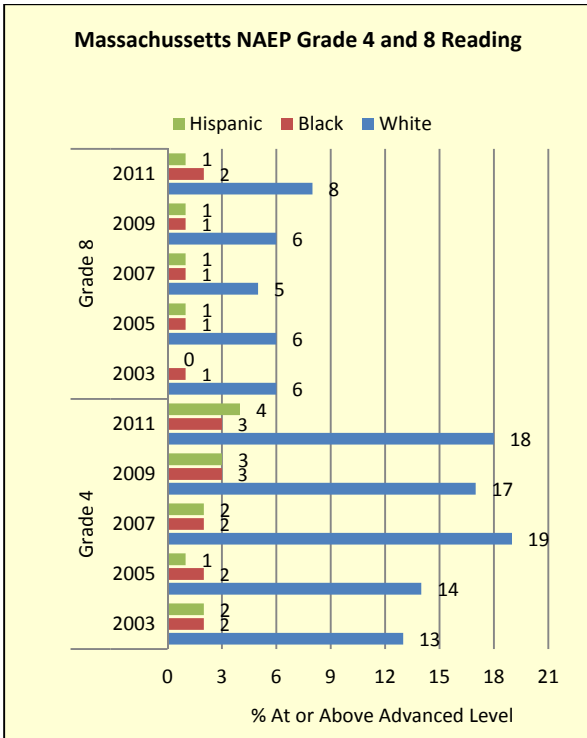
### Massachusetts

NAEP proficiency level as well as results from state assessments demonstrates the continued existence of substantial Excellence Gaps for Black, Hispanic, and Free and Reduced Lunch Eligible (FARM) students. Percentage of White students continuously increased between 2003 and 2011 in both grades and subjects while Black and Hispanic students remained very low and mixed in both grades and subjects. The Excellence Gap has almost doubled between White students and Black and Hispanic students in both Math and Reading in Grade 4 and 8.

According to NAEP proficiency data, the percentage of students at the advanced level doubled for non-FARM students in Grade 4 and 8 Math, it remained unchanged in FARM students in Grade 4 Math with a slight increase in FARM students in Grade 8 Math. Consequently, the Excellence Gap continues to be very high between FARM and non-FARM students.

Massachusetts Comprehensive Assessment System (MCAS) is consistent with NAEP in regards to the Excellence Gap between ethnic groups and SES groups. The two assessments recorded low numbers of Black and Hispanic students at the advanced level. The percentage of White students in Grade 4 Math scoring at the advanced level had steadily decreased since 2008, while the percentage of Black and Hispanic students in Grade 4 Math has also steadily decreased since 2009. However, that trend is reversed in Grade 8 Math where there has been an increase in student percentages in all ethnic groups since 2008. Overall, the Excellence Gap is high between FARM and non-FARM students in the state assessments.

# MASSACHUSETTS State Profile



# MASSACHUSETTS State Profile

Massachusetts NAEP Scores at Advanced						
Subject, Grade, Group	2003	2007	2011	2003 Gap	2007 Gap	2011 Gap
Math 4 Male	7	13	16	3	4	5
Math 4 Female	4	9	11			
Math 8 Male	10	17	17	3	4	3
Math 8 Female	7	13	14			
Reading 4 Male	8	14	13	5	4	5
Reading 4 Female	13	18	18			
Reading 8 Male	4	3	5	3	3	3
Reading 8 Female	7	6	8			
Math 4 ELL	1	2	2	5	9	12
Math 4 NonELL	6	11	14			
Math 8 ELL	0	3	1	9	12	15
Math 8 NonELL	9	15	16			
Reading 4 ELL	X	3	1	*	13	16
Reading 4 NonELL	11	16	17			
Reading 8 ELL	X	X	X	*	*	*
Reading 8 NonELL	6	5	7			
Math 4 FARM	1	3	4	7	11	15
Math 4 NonFARM	8	14	19			
Math 8 FARM	1	4	5	9	15	16
Math 8 NonFARM	10	19	21			
Reading 4 FARM	3	4	4	11	16	17
Reading 4 NonFARM	14	20	21			
Reading 8 FARM	1	1	1	5	5	8
Reading 8 NonFARM	6	6	9			
Math 4 White	7	12	15			
Math 4 Black	0	2	3	7	10	12
Math 4 Hispanic	1	2	4	6	10	11
Math 8 White	9	17	17			
Math 8 Black	1	1	4	8	16	13
Math 8 Hispanic	1	5	3	8	12	14
Reading 4 White	13	19	18			
Reading 4 Black	2	2	3	11	17	15
Reading 4 Hispanic	2	2	4	11	17	14
Reading 8 White	6	5	8			
Reading 8 Black	1	1	2	5	4	6
Reading 8 Hispanic	X	1	1	*	4	7

X = reporting standards not met

\* = results could not be calculated

# MASSACHUSETTS State Profile

MA Comprehensive Assessment System Grades 4, 8, & 10 English-Language 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
2002	9	1	1	8	8	Data Not Available					22	5	4	17	18
2003	13	2	2	11	11						23	6	4	17	19
2004	13	3	2	10	11						22	5	4	17	18
2005	11	3	2	8	9						26	7	6	19	20
2006	9	2	2	7	7	14	3	2	11	12	18	5	3	13	15
2007	12	3	2	9	10	15	4	3	11	12	25	6	6	19	19
2008	10	2	2	8	8	14	4	3	10	11	27	8	7	19	20
2009	14	3	3	11	11	18	6	4	12	14	33	12	9	21	24
2010	13	3	3	10	10	20	5	5	15	15	30	9	8	21	22
2011	11	3	3	8	8	23	7	6	16	17	38	14	12	24	26

MA Comprehensive Assessment System 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	14	2	2	12	12	12	2	1	10	11	23	4	4	19	19
2003	15	2	2	13	13	14	2	2	12	12	27	7	6	20	21
2004	16	3	3	13	13	15	2	2	13	13	33	9	8	24	25
2005	16	4	3	12	13	15	2	2	13	13	39	10	10	29	29
2006	17	4	5	13	12	14	3	3	11	11	45	16	14	29	31
2007	21	6	6	15	15	20	4	4	16	16	46	19	18	27	28
2008	23	7	8	16	15	22	5	5	17	17	48	20	19	28	29
2009	18	5	5	13	13	24	6	6	18	18	53	21	20	32	33
2010	18	5	6	13	12	25	6	7	19	18	56	25	23	31	33
2011	17	5	5	12	12	27	7	8	20	19	54	24	23	30	31

# MASSACHUSETTS State Profile

MA Comprehensive Assessment System Grades 4, 8, & 10 English-Language 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
2002	11	2	9	Data Not Available			22	5	17
2003	14	2	12				24	5	19
2004	14	3	11				23	5	18
2005	14	2	12				28	7	21
2006	10	2	8	16	3	13	19	5	14
2007	13	3	10	16	3	13	27	7	20
2008	11	2	9	16	3	13	29	8	21
2009	16	3	13	20	5	15	35	11	24
2010	15	3	12	23	5	18	33	9	24
2011	14	3	11	27	7	20	42	14	28

MA Comprehensive Assessment System 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
2002	16	3	13	14	2	12	23	6	17
2003	16	3	13	15	3	12	28	9	19
2004	18	4	14	17	3	14	34	11	23
2005	18	4	14	17	3	14	41	14	27
2006	19	6	13	16	3	13	46	19	27
2007	24	7	17	22	5	17	48	21	27
2008	25	8	17	25	6	19	50	22	28
2009	20	6	14	27	7	20	55	24	31
2010	21	6	15	29	9	20	60	28	32
2011	20	6	14	31	9	22	58	27	31

*\*Low SES labeled as  
"Low Income"*