

Wisconsin

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

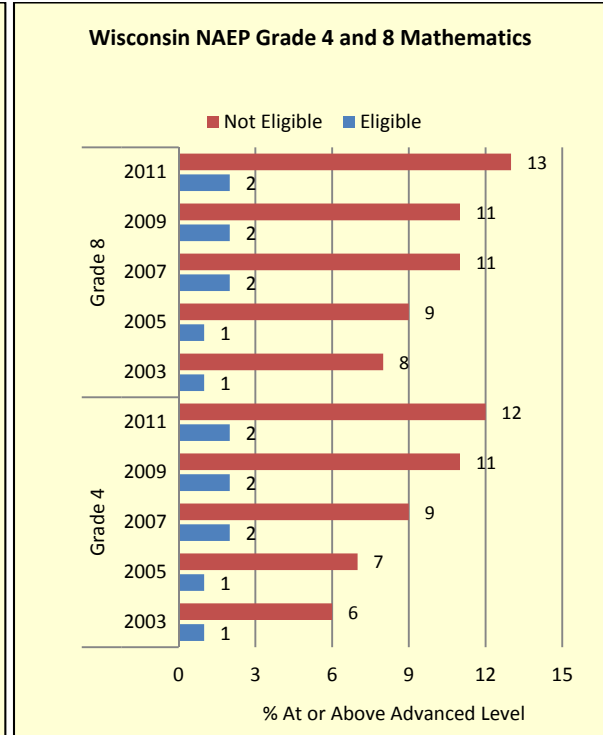
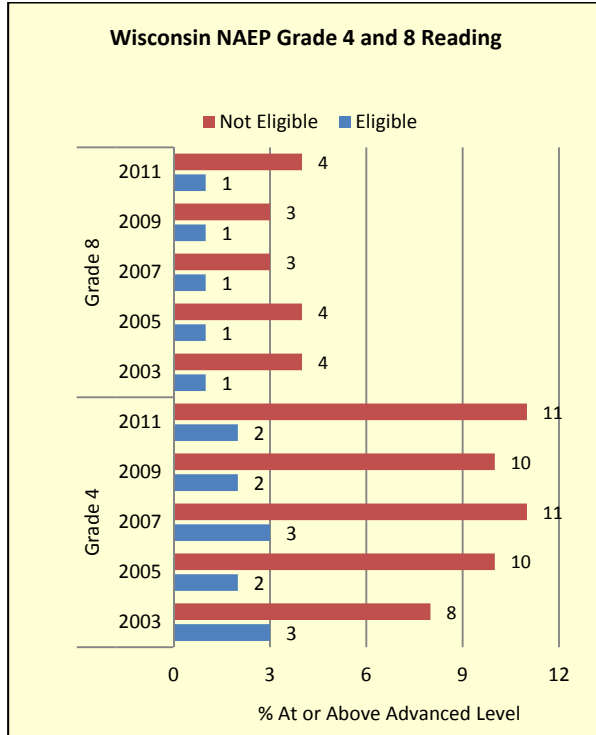
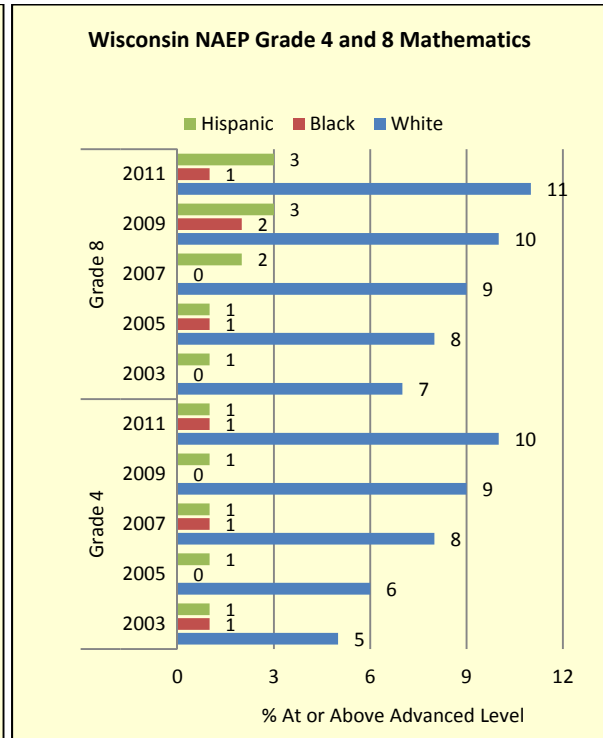
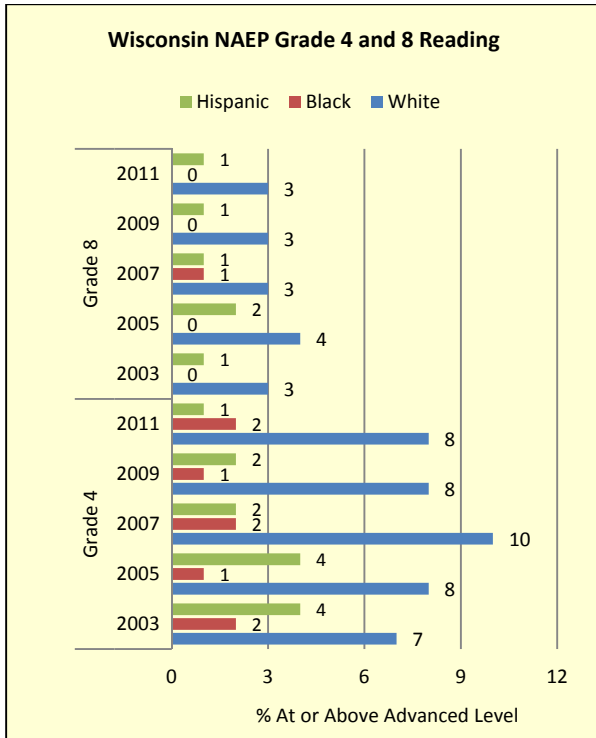
According to NAEP proficiency data on race, the most pronounced differences between ethnic subcategories since 2003 were in Grade 8 Math between White and Black students and in Grade 4 Math between White and Black, and White and Hispanic students. Interestingly, Grade 8 Reading gaps between the ethnic subgroups were small and had no net increase. 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 4 Math followed closely by Grade 4 Reading. With the exception of Grade 8 Reading, all Excellence Gaps on socioeconomic status have increased, some doubling, since 2003.

Wisconsin's educational assessment program, the Wisconsin Knowledge and Concepts Examination (WCKE), shows the most substantial Excellence Gaps on race being for Grade 11 Reading between White and Hispanic students. The WCKE shows profound Excellence Gaps at all grade levels in all subjects, though the gaps seem to increase as Grade level increases. On socioeconomic status, the Excellence Gaps all increase over time slightly, with the largest gaps being found in Reading rather than Math.

There is some consistency in the Excellence Gaps identified by NAEP and the WCKE. Due to the fact that many of the gaps are similar in size, the most important gaps identified by NAEP and the WCKE occur within similar ethnic and socioeconomic subgroups, and have similar magnitudes and change in similar ways over time.

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

X = reporting standards not met

* = results could not be calculated

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WI Knowledge and Concepts Exam 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	21	4	5	17	16	20	3	6	17	14	26	4	10	22	16
2003	47	17	19	30	28	45	17	10	28	35	58	27	19	31	39
2004	50	21	18	29	32	37	12	8	25	29	56	25	16	31	40
2005	48	18	17	30	31	47	19	11	28	36	61	31	21	30	40
2006	49	18	14	31	35	48	17	10	31	38	48	18	11	30	37
2007	48	19	16	29	32	49	20	14	29	35	48	19	11	29	37
2008	40	17	11	23	29	51	20	14	31	37	47	17	10	30	37
2009	49	19	15	30	34	49	22	15	27	34	48	21	13	27	35
2010	50	20	16	30	34	46	21	14	25	32	53	24	15	29	38
2011	49	21	17	28	32	54	27	17	27	37	47	21	13	26	34

WI Knowledge and Concepts Exam 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	30	7	9	23	21	18	1	4	17	14	18	2	4	16	14
2003	34	13	10	21	24	31	8	4	23	27	27	6	2	21	25
2004	34	13	9	21	25	25	6	3	19	22	29	7	2	22	27
2005	36	12	8	24	28	29	8	4	21	25	29	7	3	22	26
2006	37	13	8	24	29	30	7	4	23	26	30	6	3	24	27
2007	41	16	10	25	31	31	9	5	22	26	30	8	3	22	27
2008	48	19	15	29	33	31	9	5	22	26	28	6	2	22	26
2009	44	20	13	24	31	34	11	5	23	29	25	6	3	19	22
2010	47	22	13	25	34	34	12	6	22	28	26	6	3	20	23
2011	44	21	14	23	30	36	14	7	22	29	27	7	3	20	24

WISCONSIN State Profile

WI Knowledge and Concepts Exam 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
2002	22	7	15	21	5	16	26	10	16
2003	49	22	27	46	18	28	57	30	27
2004	53	24	29	39	14	25	56	26	30
2005	51	22	29	50	19	31	61	32	29
2006	52	22	30	51	19	32	49	20	29
2007	51	22	29	51	22	29	50	20	30
2008	52	22	30	53	23	30	49	19	30
2009	53	23	30	52	23	29	50	22	28
2010	55	25	30	50	22	28	56	27	29
2011	55	25	30	58	28	30	51	22	29

WI Knowledge and Concepts Exam 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	31	11	20	19	5	14	17	6	11
2003	37	14	23	32	9	23	27	8	19
2004	36	14	22	27	7	20	29	9	20
2005	39	15	24	31	8	23	30	8	22
2006	40	15	25	32	9	23	31	8	23
2007	44	18	26	34	10	24	31	9	22
2008	43	18	25	33	10	23	29	8	21
2009	48	21	27	37	12	25	27	7	20
2010	52	24	28	38	13	25	29	8	21
2011	49	23	26	41	15	26	30	9	21

**Low SES labeled as "Economically Disadvantaged"*