

# Tennessee

NAEP proficiency level and percentile data as well as results from state assessments demonstrate the existence of Excellence Gaps for African-American, Hispanic, and Free and Reduced Lunch Eligible students. White students had higher average AP scores than African-American and Hispanic students on AP tests and were more likely to make a “5” on an AP exam or take an AP exam. Tennessee state assessments have a much lower threshold for achieving excellence than most other states or the NAEP.

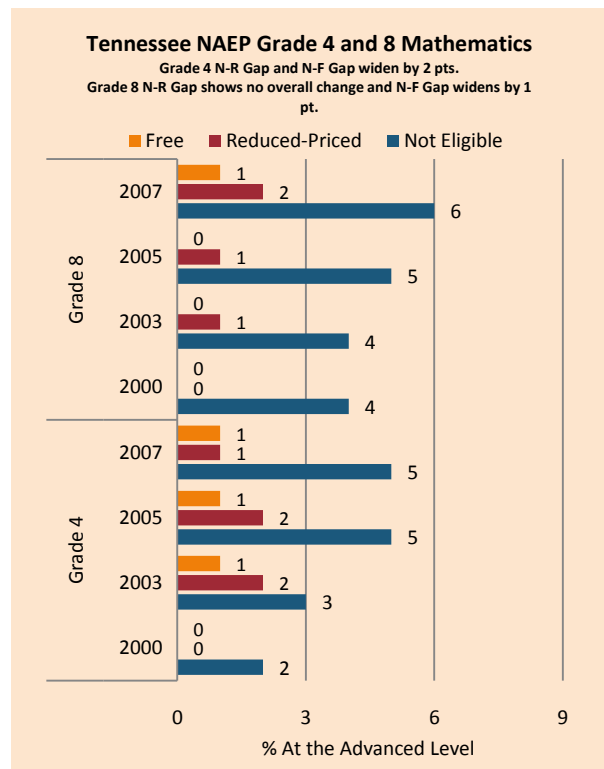
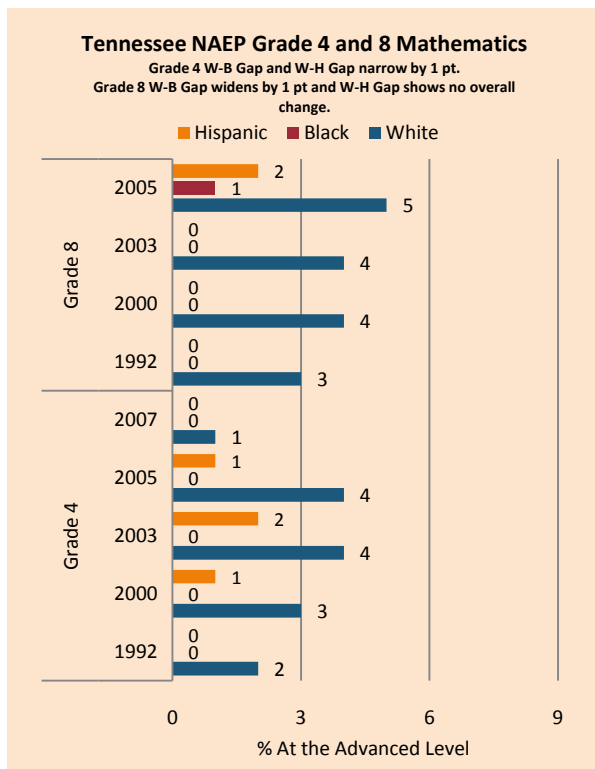
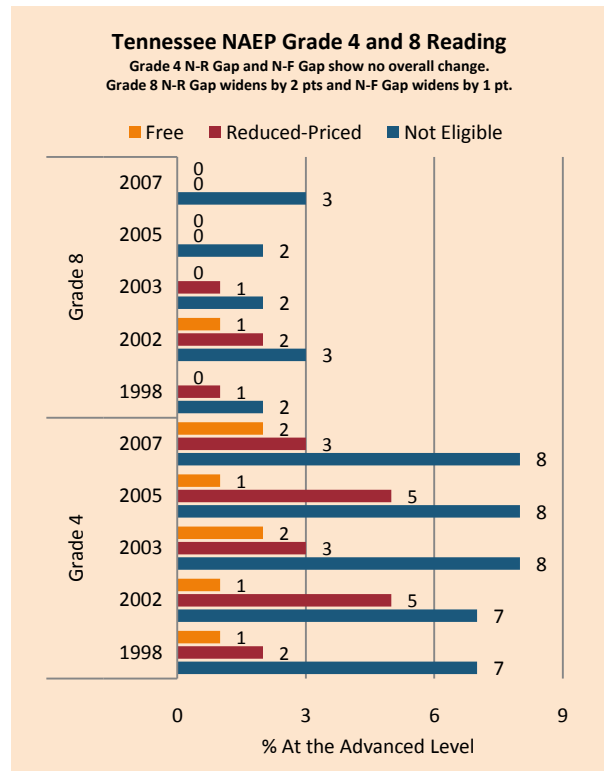
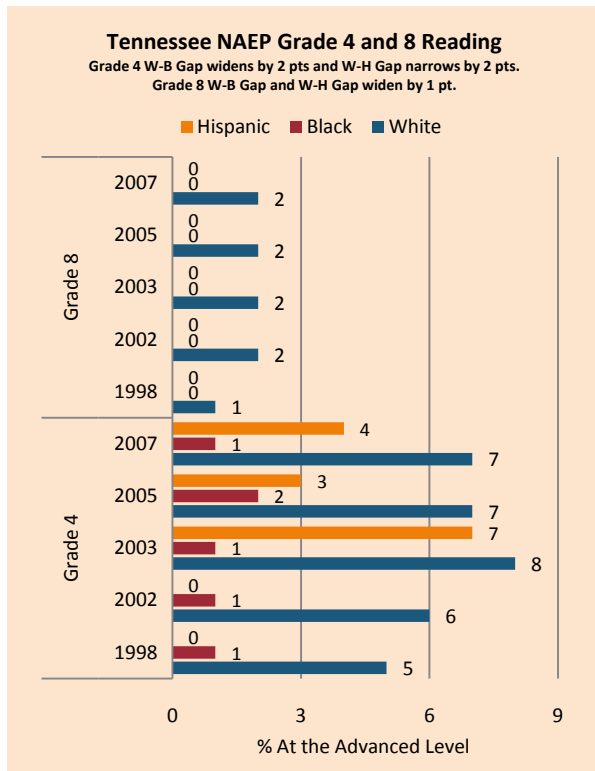
According to NAEP proficiency data, the percentage of students at the advanced level increased for non-FARM students across assessments and for white and African-American students in Math Grade 8. Performance declined among FARM students in Reading and among Hispanic students in Reading Grade 4, resulting in increases in the achievement gap for FARM students on all tests and for Hispanic students in Reading Grade 4.

NAEP scale scores at the 90<sup>th</sup> percentile generally increased in Math, with African-American and FARM students improving more quickly in Grade 8. The Excellence Gap in Reading grew larger due to declines among minority students (white students’ scores were flat), while FARM students also fell further behind.

On Grade 4, 7, and 11 Reading assessments and Grade 4 and 7 Math assessments the proportion of African-American, Hispanic, white, affluent, and low-income students scoring at the highest level increased, with the percentage of white and affluent students increasing at a greater rate than other students. In Grade 11 Math, the percentage of African-American, white, and high-income students declined, stagnated among low-income students, and increased among Hispanic students, resulting in smaller achievement gaps for the latter two groups.

On the AP exams from 1997 to 2008, there was an increase in achievement gaps in the number of tests taken, for African-American students in the percentage of tests receiving a 5 (weighted), and for Hispanic students in the mean AP scores. At the same time, there were declines in gaps for both groups in the percentage of tests earning a 5 (unweighted).

Summary of State Policy as of 2006-2007							
State	Mandate Identify	Mandate Services	Gifted Identified	Identified by Gender	Identified by Ethnicity	GT Funding	GT Funding per Identified
Tennessee	no	no	Not collected	no	no	\$0	N/A



NAEP Scores at the 90 <sup>th</sup> Percentile				
Subject, Grade, Group	2003	2007	2003 Gap	2007 Gap
Math 4 Male	266	270	2	7
Math 4 Female	263	263		
Math 8 Male	316	321	4	9
Math 8 Female	313	312		
Reading 4 Male	256	257	7	4
Reading 4 Female	263	261		
Reading 8 Male	295	294	10	9
Reading 8 Female	305	303		
Math 4 ELL		240		27
Math 4 NonELL	264	267		
Math 8 ELL				
Math 8 NonELL	315	317		
Reading 4 ELL				
Reading 4 NonELL	260	259		
Reading 8 ELL				
Reading 8 NonELL	300	299		
Math 4 FARM	252	256	18	18
Math 4 NonFARM	269	274		
Math 8 FARM	296	303	24	22
Math 8 NonFARM	320	324		
Reading 4 FARM	246	243	20	24
Reading 4 NonFARM	266	267		
Reading 8 FARM	286	287	18	19
Reading 8 NonFARM	304	306		
Math 4 White	271	274		
Math 4 Black		253		21
Math 4 Hispanic	262	264	9	10
Math 8 White	318	321		
Math 8 Black	286	292	32	29
Math 8 Hispanic		304		17
Reading 4 White	263	263		
Reading 4 Black	237	234	27	29
Reading 4 Hispanic	263	252	0	11
Reading 8 White	303	303		
Reading 8 Black	279	278	25	26
Reading 8 Hispanic		290		14

Tennessee Comprehensive Assessment Program (TCAP) Grade 4, 7, 11 English/Language Arts Excellence Achievement Gaps on Race															
% At the Advanced Level	Grade 4					Grade 7					Grade 11				
	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2004	37	15	20	22	17	38	13	19	25	19	Data not Available				
2005	41	16	25	25	16	41	15	25	26	16	Data not Available				
2006	48	20	25	28	23	48	20	25	12	23	82	57	64	25	18
2007	48	21	27	27	21	49	23	26	26	23	82	58	69	24	13
2008	53	26	31	27	22	50	23	27	27	23	85	62	72	23	13

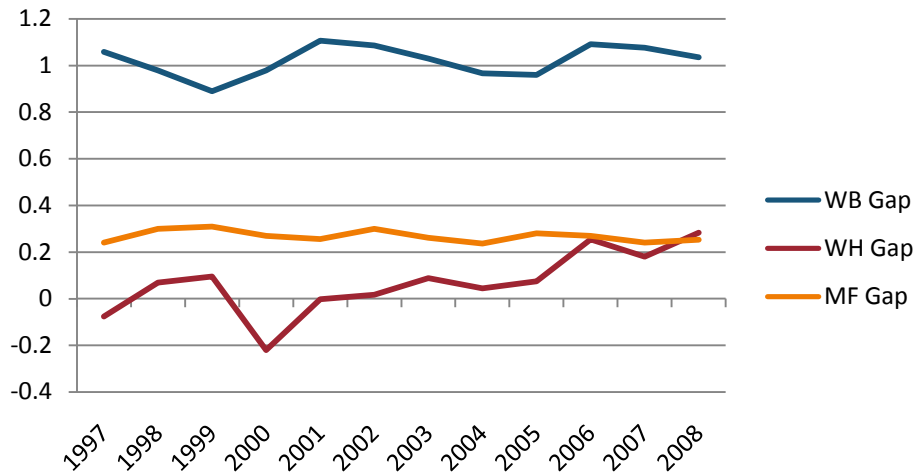
Tennessee Comprehensive Assessment Program (TCAP) Grade 4, 7, 11 Mathematics Excellence Achievement Gaps on Race															
% At the Advanced Level	Grade 4					Grade 7					Grade 11				
	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2004	34	11	17	23	17	37	11	18	16	9	Data not Available				
2005	40	15	21	25	19	43	14	23	29	20	Data not Available				
2006	47	19	25	28	22	47	19	27	28	20	Data not Available				
2007	49	22	30	27	19	51	22	31	29	20	25	15	13	10	12
2008	47	23	29	24	18	55	27	36	28	19	24	12	15	12	9

Tennessee Comprehensive Assessment Program (TCAP) Grade 4, 7, 11 English/Language Arts Excellence Achievement Gaps on SES									
% At the Advanced Level	Grade 4			Grade 7			Grade 11		
	N	P	Gap	N	P	Gap	N	P	Gap
2004	45	17	28	44	16	28	Data not Available		
2005	50	20	30	47	18	29	Data not Available		
2006	56	24	32	54	24	30	85	61	16
2007	56	26	30	57	26	31	85	62	17
2008	62	31	31	58	27	31	88	66	22

Tennessee Comprehensive Assessment Program (TCAP) Grade 4, 7, 11 Mathematics Excellence Achievement Gaps on SES									
% At the Advanced Level	Grade 4			Grade 7			Grade 11		
	N	P	Gap	N	P	Gap	N	P	Gap
2004	40	15	25	42	16	26	Data not Available		
2005	47	20	27	49	20	29	Data not Available		
2006	54	25	29	53	24	29	Data not Available		
2007	56	28	28	55	37	18	27	19	8

2008	55	28	27	63	32	31	25	19	6
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Gaps in Mean AP Scores

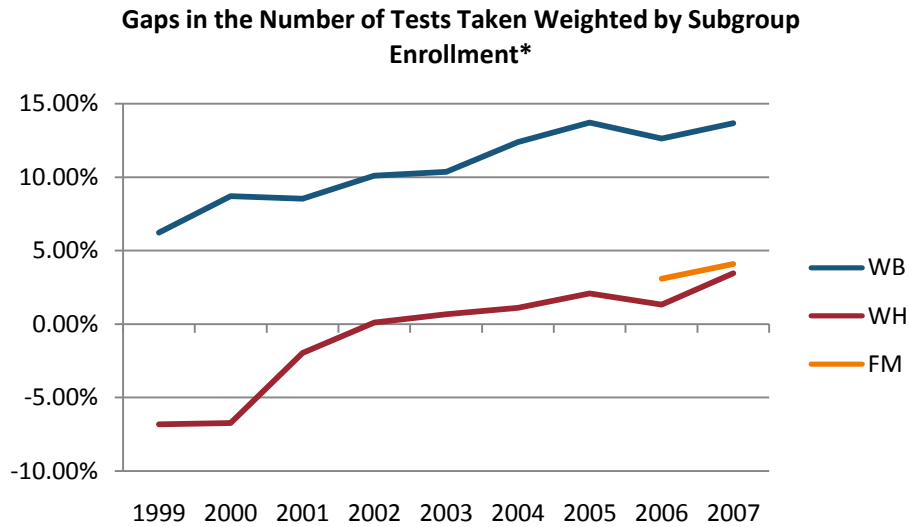


Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup\*

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Male	18.44%	18.54%	18.62%	18.89%	18.64%	20.65%	18.95%	18.61%	18.26%	17.81%	16.15%	16.50%
Female	12.12%	11.91%	12.26%	12.66%	12.26%	13.16%	11.89%	12.74%	11.47%	11.06%	10.91%	11.58%
White	15.10%	15.32%	15.62%	15.81%	15.90%	17.10%	15.73%	15.95%	14.97%	14.92%	13.62%	14.29%
Black	2.77%	4.95%	4.36%	4.56%	2.51%	3.98%	3.45%	4.33%	4.19%	2.91%	3.29%	3.55%
Hispanic	19.44%	14.05%	18.85%	24.64%	20.81%	17.45%	16.78%	16.95%	14.29%	12.05%	13.70%	12.23%
M-F Gap	6.32%	6.63%	6.37%	6.23%	6.38%	7.49%	7.05%	5.87%	6.79%	6.76%	5.24%	4.91%
W-B Gap	12.33%	10.37%	11.26%	11.25%	13.39%	13.12%	12.28%	11.62%	10.77%	12.01%	10.33%	10.74%
W-H Gap	-4.35%	1.27%	-3.23%	-8.84%	-4.92%	-0.35%	-1.05%	-1.00%	0.68%	2.87%	-0.08%	2.06%

Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup Weighted by Enrollment\*

	1999	2000	2001	2002	2003	2004	2005	2006	2007
Male								3.46%	3.29%
Female								2.49%	2.67%
White	1.77%	2.19%	2.39%	2.82%	2.81%	3.10%	3.15%	3.19%	3.18%
Black	0.22%	0.24%	0.16%	0.26%	0.26%	0.31%	0.31%	0.25%	0.32%
Hispanic	3.42%	5.07%	3.54%	2.86%	2.88%	3.11%	2.71%	2.42%	2.73%
M-F Gap								0.97%	0.62%
W-B Gap	1.55%	1.96%	2.23%	2.57%	2.55%	2.80%	2.84%	2.94%	2.86%
W-H Gap	-1.65%	-2.88%	-1.15%	-0.04%	-0.07%	-0.01%	0.44%	0.78%	0.46%



\*The unit of analysis for AP data is the test, not the student. AP test results are presented as the number of scores received by members of each subgroup, NOT the number of students who received a given score on any exam. These numbers are not equivalent because some students take multiple tests.