

# Delaware

NAEP proficiency level and percentile data as well as results from state assessments demonstrate the existence of substantial excellence gaps for Black, Hispanic, and Free and Reduced Lunch Eligible students. White students had higher average AP scores than Black and Hispanic students on AP tests and were more likely to make a “5” on an AP exam or take an AP exam. Delaware state assessments have fairly rigorous standards for advanced status.

According to NAEP proficiency data, the percentage of students at the advanced level increased in Math for non-FARM and White students with an increase in the excellence gap despite gains among FARM and Black students in Grade 8 and Hispanic students in Grade 4. Reading Grade 4 scores were flat, but the excellence gap narrowed in Grade 8 on the strength of Hispanic and Black students’ improvements and stagnation among White students.

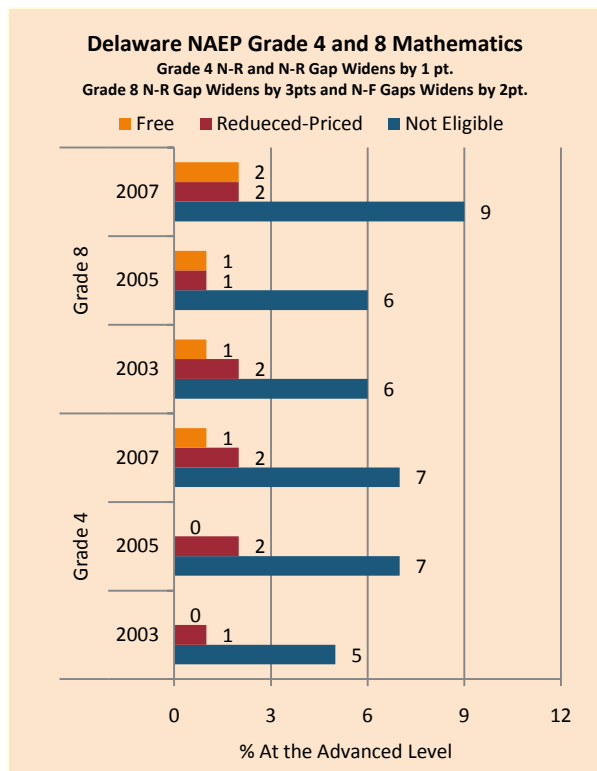
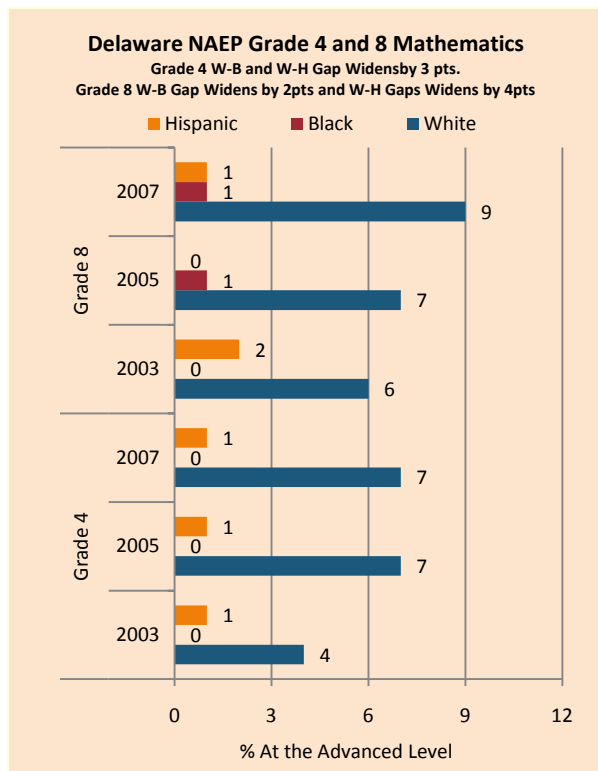
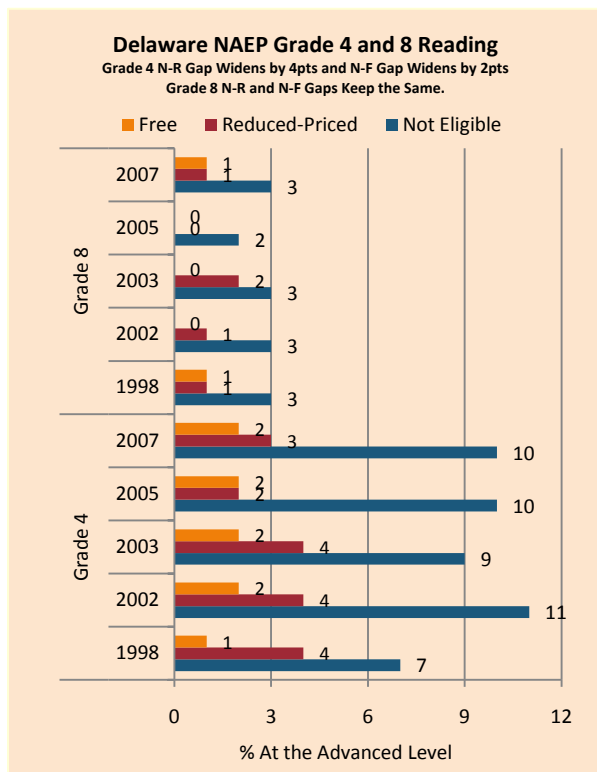
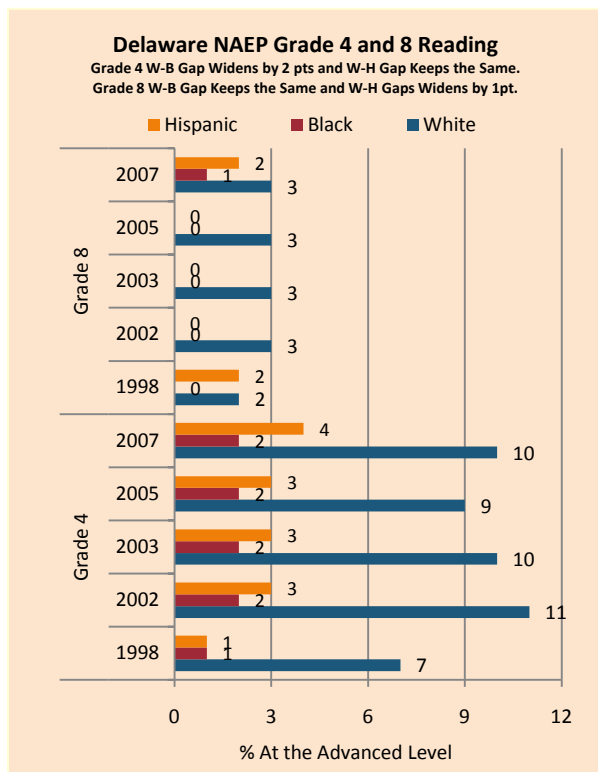
NAEP scale scores at the 90<sup>th</sup> percentile increased across subgroups in Math as well as for underperforming groups in Reading. The excellence gap narrowed in Reading (partly due to stability among non-FARM and White students’ scores), as well as for Hispanic students in both grades in Math and Black students in Math Grade 4.

The proportion of students scoring at the highest level increased in Grade 4 for income and ethnic subgroups and in Grade 7 for White and more affluent students, Black students, and low income students, with a decline in Hispanic students’ Grade 4 performances in both Math and Reading. The gap in the percentage of high achieving students widened in each instance. Student performance was essentially stable in Grade 10 Math.

On AP exams, there were modest increases in the mean scores between Black and White students. At the same time the gap widened in the percentage of tests which received a 5 on the exam, received a 5 weighted by subgroup, and the number of tests taken weighted by enrollment.

**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
Delaware	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	271	273	5	2
Math 4 Female	265	272		
Math 8 Male	321	329	4	6
Math 8 Female	317	323		
Reading 4 Male	259	259	5	6
Reading 4 Female	264	265		
Reading 8 Male	298	298	9	8
Reading 8 Female	308	307		
Math 4 ELL		254		19
Math 4 NonELL	268	273		
Math 8 ELL				
Math 8 NonELL	320	326		
Reading 4 ELL		243		20
Reading 4 NonELL	262	263		
Reading 8 ELL				
Reading 8 NonELL	304	303		
Math 4 FARM	255	260	17	17
Math 4 NonFARM	273	277		
Math 8 FARM	300	308	23	23
Math 8 NonFARM	323	331		
Reading 4 FARM	248	249	19	18
Reading 4 NonFARM	267	267		
Reading 8 FARM	288	291	18	15
Reading 8 NonFARM	307	306		
Math 4 White	273	277		
Math 4 Black	251	258	22	19
Math 4 Hispanic	256	262	17	16
Math 8 White	325	332		
Math 8 Black	296	299	29	33
Math 8 Hispanic	301	309	24	23
Reading 4 White	267	268		
Reading 4 Black	245	248	22	19
Reading 4 Hispanic	250	253	17	15
Reading 8 White	308	308		
Reading 8 Black	285	287	23	22
Reading 8 Hispanic	285	294	23	15

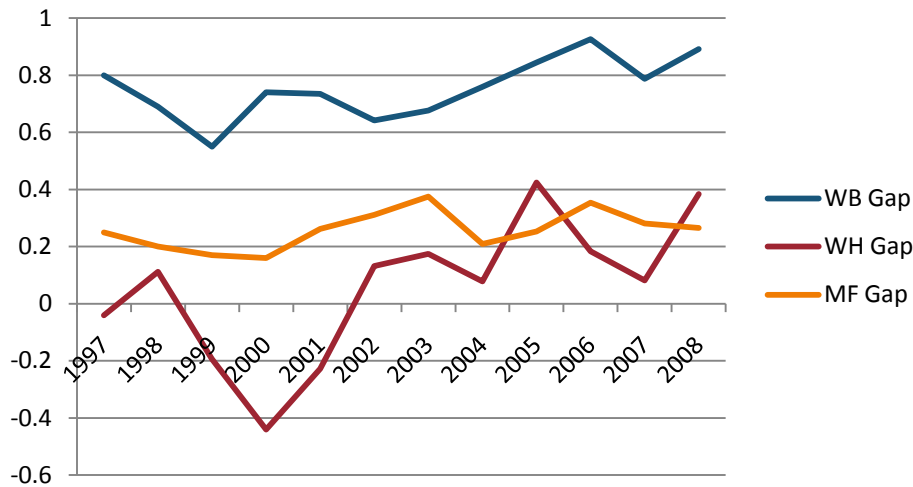
DE Student Testing Program Grade 4, 7, 10 Reading Excellence Achievement Gaps on Race															
% At or Above Distinguished Level	Grade 4					Grade 7					Grade 10				
	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2006	17.65	5.24	8.48	12.41	9.17	6.67	<5.0	<5.0	>1.67	>1.67	All Data <5.0				
2007	21.82	6.26	8.40	15.56	13.42	7.81	<5.0	<5.0	>2.81	>2.81					
2008	20.59	6.64	6.34	13.95	14.25	7.09	<5.0	<5.0	>2.09	>2.09					

DE Student Testing Program Grade 4, 7, 10 Mathematics Excellence Achievement Gaps on Race															
% At or Above Distinguished Level	Grade 4					Grade 7					Grade 10				
	W	B	H	W-B	W-H	W	B	H	W-B	W-H	W	B	H	W-B	W-H
2006	17.8	<5.0	7.18	>12.8	10.62	17.52	<5.0	5.86	>12.52	11.66	18.61	<5.0	5.04	>13.61	13.57
2007	18.21	<5.0	7.33	>13.21	10.88	17.68	<5.0	6.49	>12.68	11.19	20.29	<5.0	7.64	>15.29	12.65
2008	21.46	5.02	6.73	16.44	14.73	20.17	<5.0	6.23	>15.17	13.94	18.66	<5.0	6.55	>13.66	12.11

DE Student Testing Program Grade 4, 7, 10 Reading Excellence Achievement Gaps on SES									
% At or Above Distinguished Level	Grade 4			Grade 7			Grade 10		
	N	P	Gap	N	P	Gap	N	P	Gap
2006	19.11	<5.0	>12.11	7.00	<5.0	>2.00	All Data <5.0		
2007	22.52	6.21	16.31	8.17	<5.0	>3.17			
2008	21.37	6.08	15.29	7.71	<5.0	>2.71			

DE Student Testing Program Grade 4, 7, 10 Mathematics Excellence Achievement Gaps on SES									
% At or Above Distinguished Level	Grade 4			Grade 7			Grade 10		
	N	P	Gap	N	P	Gap	N	P	Gap
2006	18.40	5.14	13.26	18.20	<5.0	>13.20	17.91	<5.0	>12.91
2007	18.65	5.14	13.51	18.00	<5.0	>13.00	18.99	<5.0	>13.99
2008	22.06	6.09	15.97	20.46	5.15	15.31	17.97	<5.0	>12.97

Gaps in Mean AP Scores



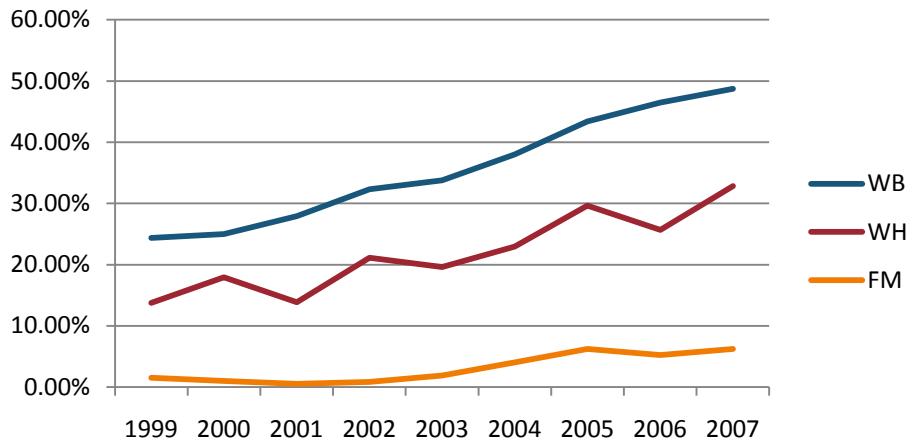
Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup\*

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Male	20.06%	18.09%	21.17%	29.63%	20.52%	22.17%	19.52%	18.25%	15.13%	18.98%	19.16%	19.95%
Female	12.07%	13.68%	16.70%	15.02%	14.11%	13.72%	10.68%	11.78%	10.16%	11.91%	12.83%	13.44%
White	14.95%	16.02%	18.03%	15.42%	16.11%	16.48%	13.70%	13.99%	12.08%	14.13%	15.02%	16.44%
Black	9.32%	7.26%	8.33%	5.29%	3.85%	4.57%	5.43%	4.43%	3.86%	3.48%	2.70%	2.36%
Hispanic	10.91%	9.80%	23.21%	27.27%	23.47%	18.09%	15.70%	15.86%	9.57%	17.73%	13.49%	9.09%
M-F Gap	7.99%	4.41%	4.46%	14.61%	6.40%	8.45%	8.84%	6.48%	4.97%	7.07%	6.33%	6.51%
W-B Gap	5.63%	8.76%	9.70%	10.13%	12.27%	11.91%	8.27%	9.56%	8.22%	10.65%	12.32%	14.08%
W-H Gap	4.05%	6.22%	-5.18%	-11.85%	-7.35%	-1.61%	-2.00%	-1.87%	2.51%	-3.60%	1.53%	7.35%

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	4.99%	7.66%	5.84%	7.08%	6.52%	6.65%	6.82%	9.65%	9.11%
Female	4.20%	4.04%	4.10%	4.50%	3.77%	4.77%	5.22%	6.68%	6.90%
White	4.87%	4.59%	5.27%	6.16%	5.40%	6.24%	6.67%	8.48%	8.97%
Black	0.22%	0.25%	0.18%	0.23%	0.31%	0.29%	0.45%	0.47%	0.30%
Hispanic	3.07%	3.23%	4.41%	2.95%	3.11%	3.44%	2.44%	6.08%	3.63%
M-F Gap	0.79%	3.62%	1.75%	2.59%	2.75%	1.88%	1.60%	2.97%	2.20%
W-B Gap	4.65%	4.34%	5.09%	5.93%	5.10%	5.95%	6.21%	8.01%	8.68%
W-H Gap	1.79%	1.37%	0.86%	3.22%	2.29%	2.80%	4.23%	2.40%	5.34%

**Gaps in the Number of Tests Taken Weighted by Subgroup Enrollment\***



\*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.