

Maryland's SAT, PSAT/NMSQT, ACT and AP Results



September 27, 2011
Maryland State Board Meeting



PSAT/NMSQT

- **Administration – Oct. 12, 2011**
- **100% local funding for grade 10**
- **Best practice for the SAT**
- **Data to inform instruction**
- **Identification of students with potential for success in AP**



PSAT/NMSQT Mean Scores 2011 – All Schools

	Sophomores		Juniors	
	2011	2010	2011	2010
Critical Reading	41.7	41.0	46.9	46.4
Mathematics	43.1	41.9	47.9	47.0
Writing	39.7	40.0	45.2	45.6



PSAT/NMSQT Mean Scores 2011 – Public Schools

	Sophomores		Juniors	
	2011	2010	2011	2010
Critical Reading	40.8	40.1	45.8	45.4
Mathematics	42.5	41.3	47.3	46.3
Writing	38.8	39.1	44.2	44.5



2011 SAT Participation Rate – All Schools

- **Maryland graduates taking the SAT**

2011 74%

2007 70%

- **National participation rate**

2011 50%

2007 48%

Maryland 2011 SAT Performance



SAT Mean Scores 2011 – All Schools

	Maryland			Nation		
	2011	2010	2007	2011	2010	2007
Critical Reading	499	501	500	497	501	502
Mathematics	502	506	502	514	516	515
Writing	491	495	496	489	492	494



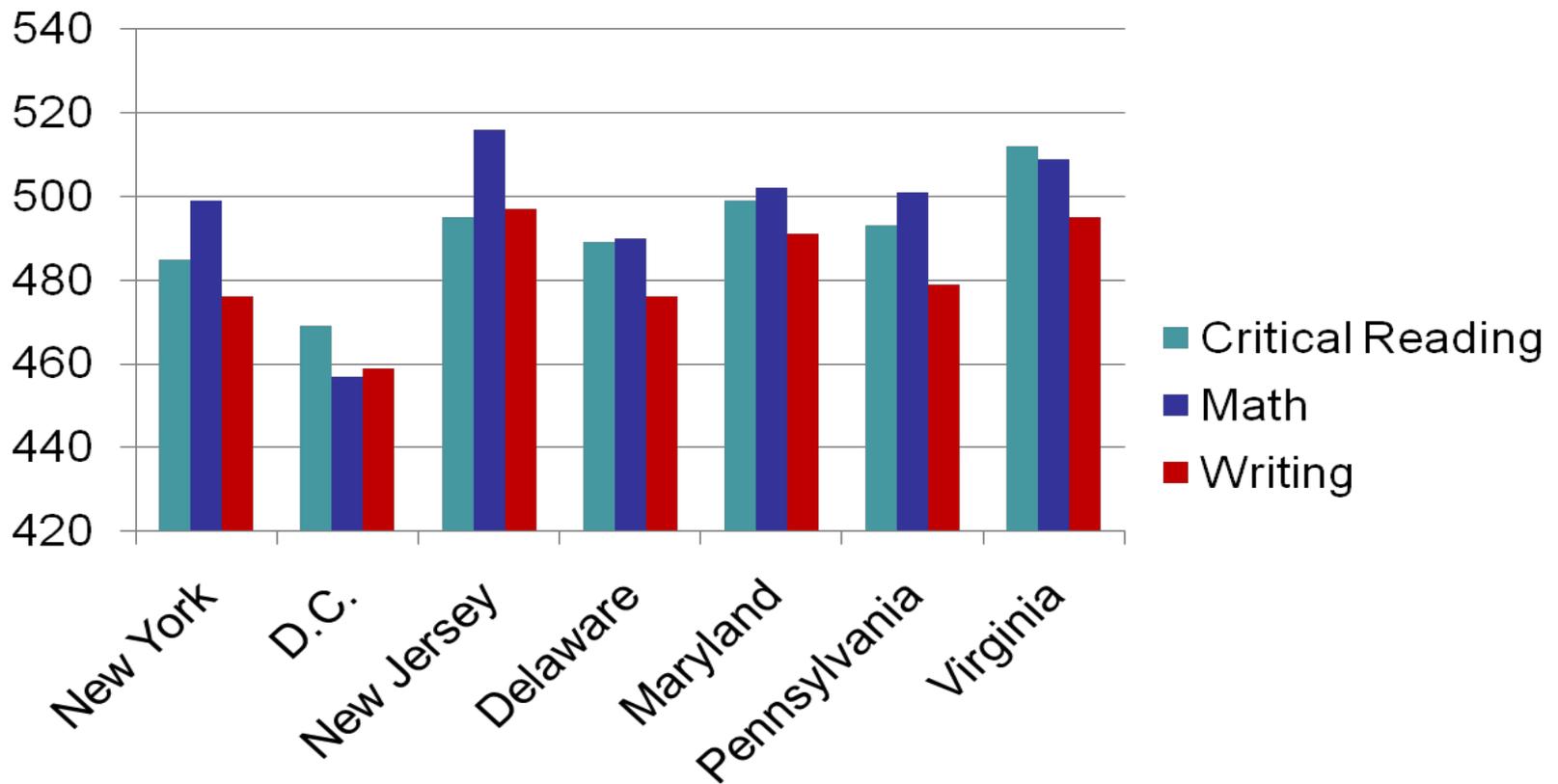
SAT Trends in Maryland – Public Schools

- **2011 SAT cohort – most diverse**
- **9.3% one-year increase in participation among Black students**
 - **27.3% four-year increase**
- **9.4% one-year increase in participation among Hispanic students**
 - **26.1% four-year increase**

Participation and Performance



Mean SAT Scores by State – All Schools



SAT Participation Influences the College-Going Process



SAT in Maryland – Public Schools

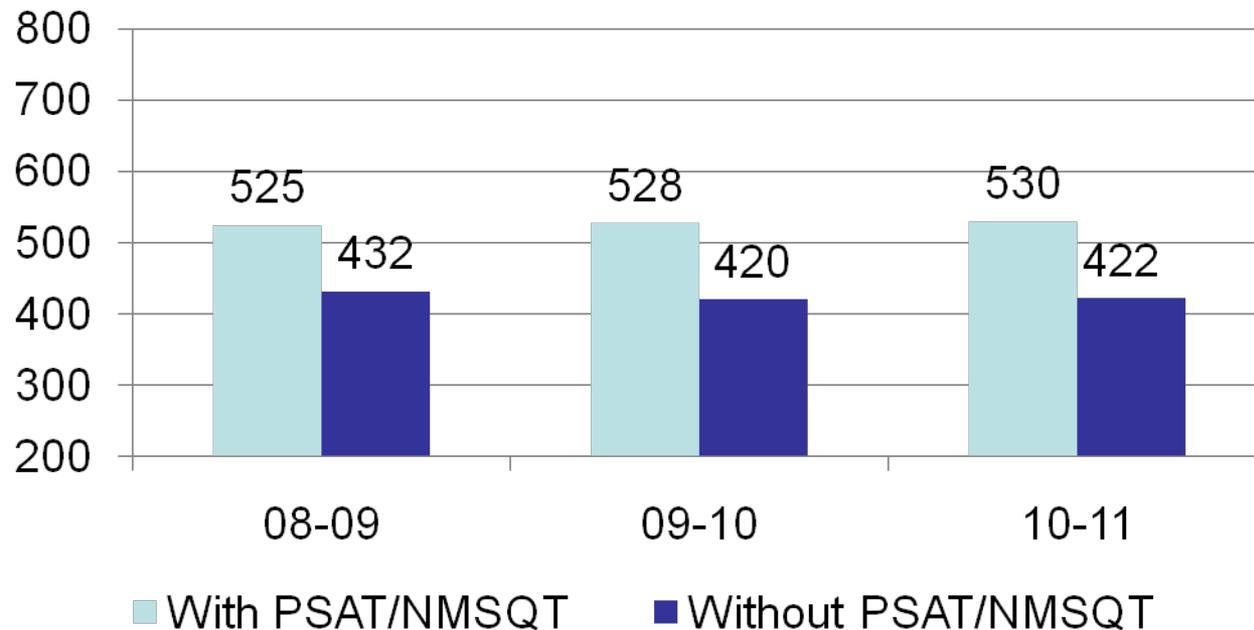
- It is not unusual for scores to decline slightly when the number of test takers increases.**
- More students of varied background are represented in the test-taking pool.**
- Students of all ethnicities are participating in the college-going process.**

Preparation for the SAT



SAT Performance Based on Self-Reported PSAT/NMSQT Participation – MD Public Schools

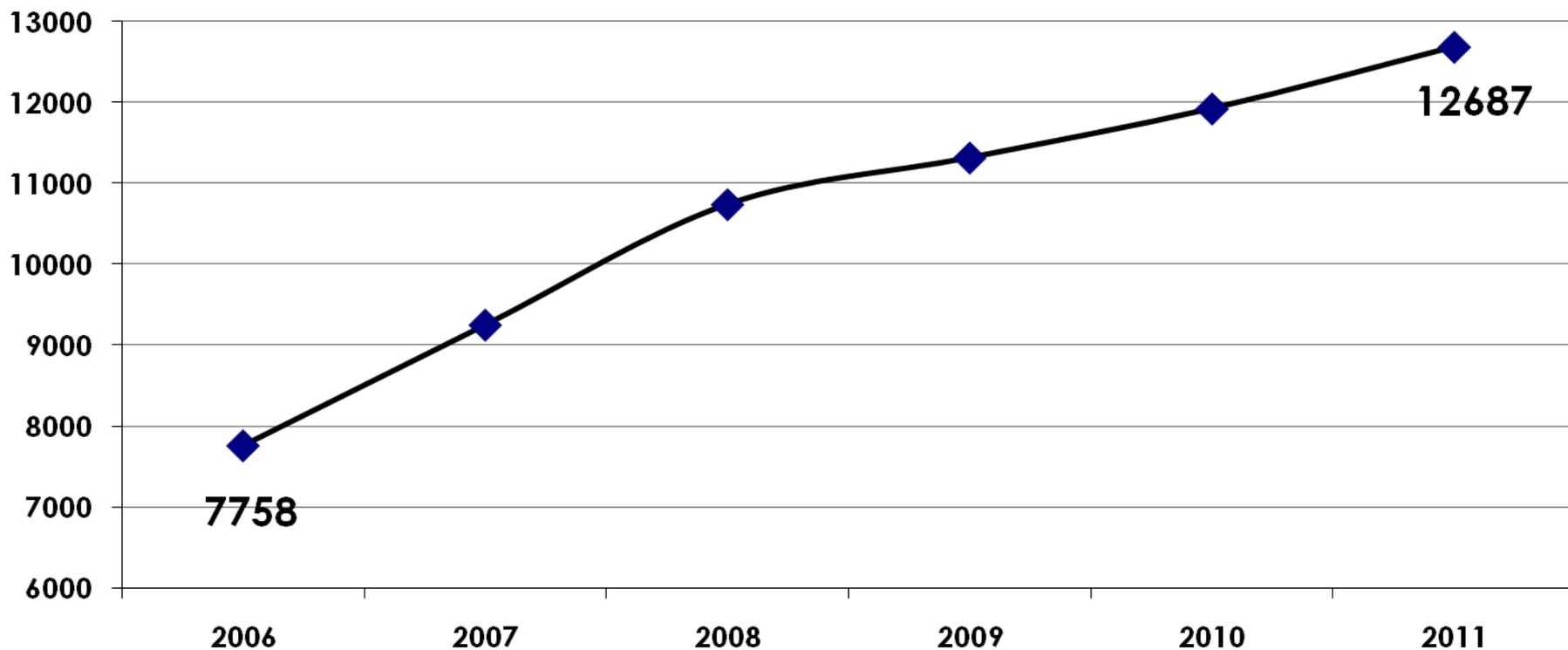
Critical Reading Mean



ACT Participation in Maryland has Increased



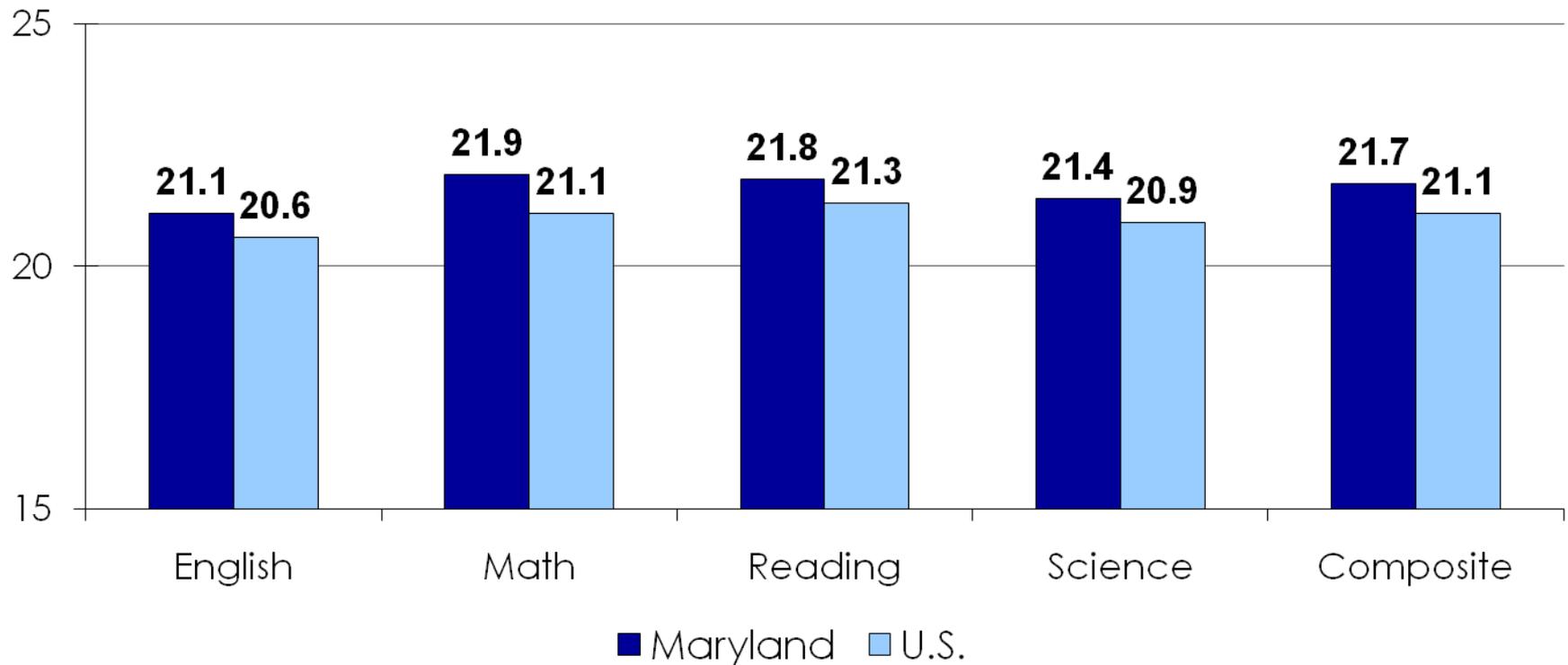
ACT Participation Trends



Maryland's ACT Performance is Higher than the Nation's



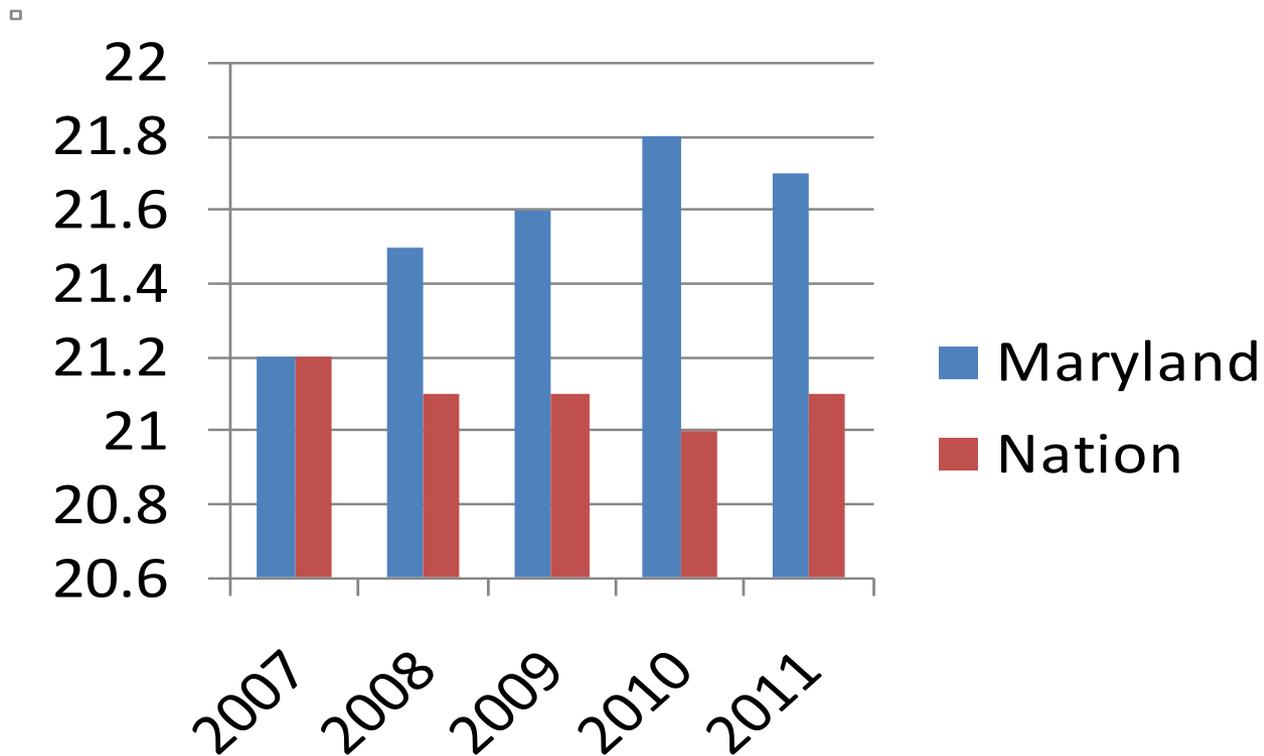
2011 ACT Performance – Public Schools: MD vs. US



Maryland ACT Trends Outpace the Nation



ACT Trends – Public Schools



More Maryland Students are Taking Rigorous Courses



AP Participation in Maryland – Public Schools

6.1% increase in AP test-takers in one year

36.8% growth in test-takers in the past 5 years

Maryland Ranks #1 in AP Performance



AP Participation in Maryland – Public Schools

- **AP growth has been on an upward trajectory.**
- **More students are taking AP courses/exams.**
- **More students are being introduced to rigorous instruction and college level work.**

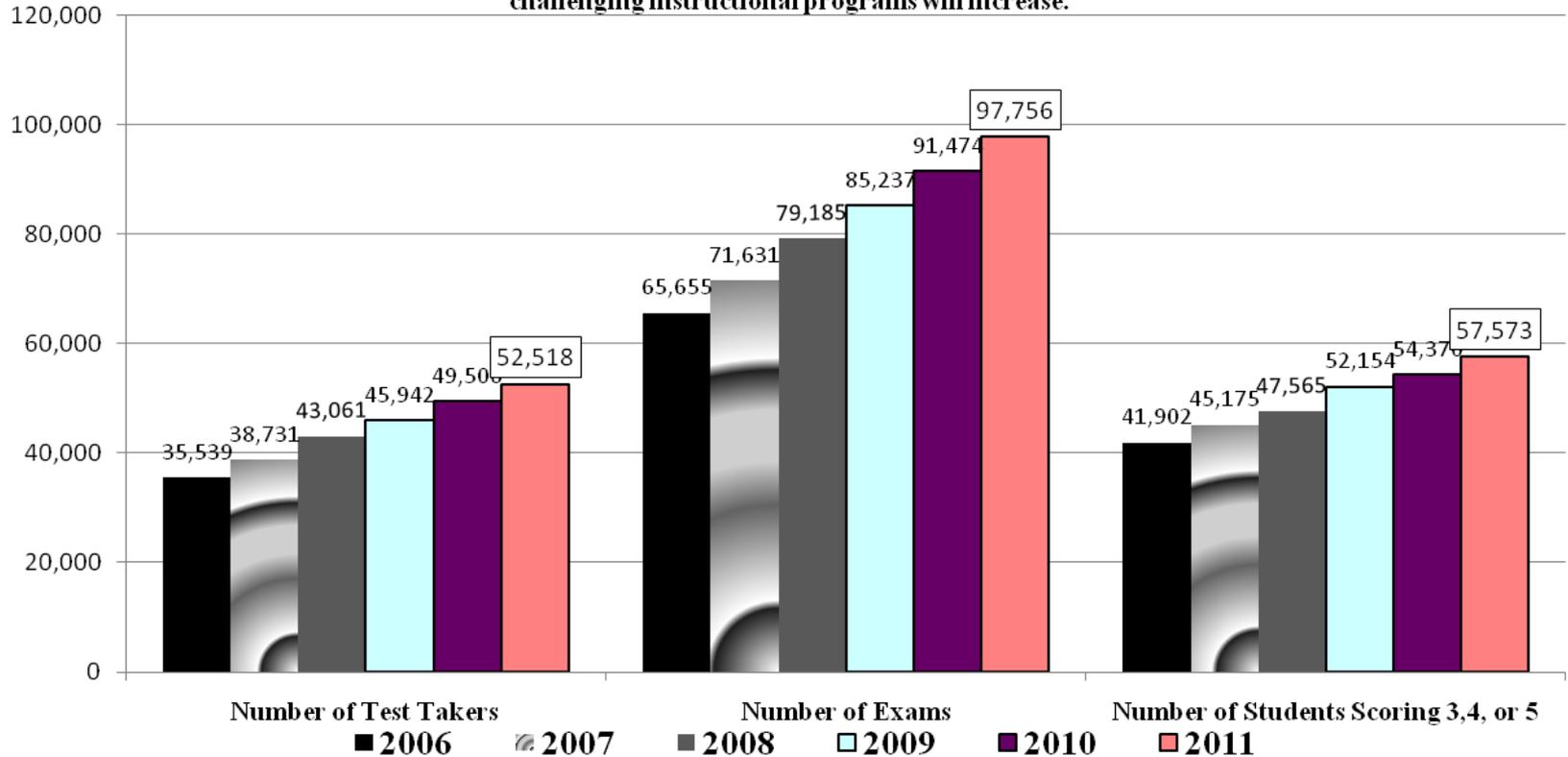
AP Participation and Performance



Table 3 - MSDE

Advanced Placement Exam Participation and Performance

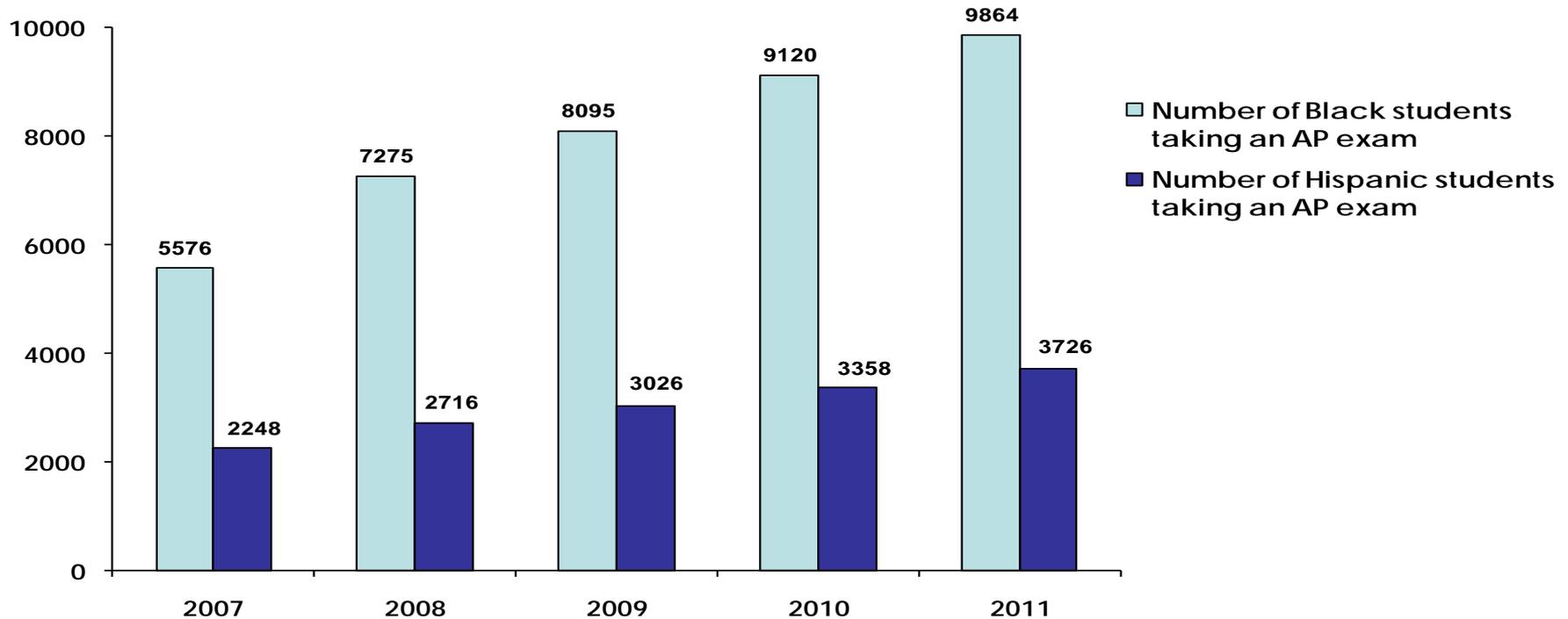
Objective 1.2: By June 30, 2012, the participation and performance of all high school student subgroups in challenging instructional programs will increase.



Black and Hispanic Participation Trends are Increasing



5-Year Trend: AP Participation Among Black & Hispanic Students



AP Performance Trends Reflect Diversity



AP Performance in Maryland – Public Schools

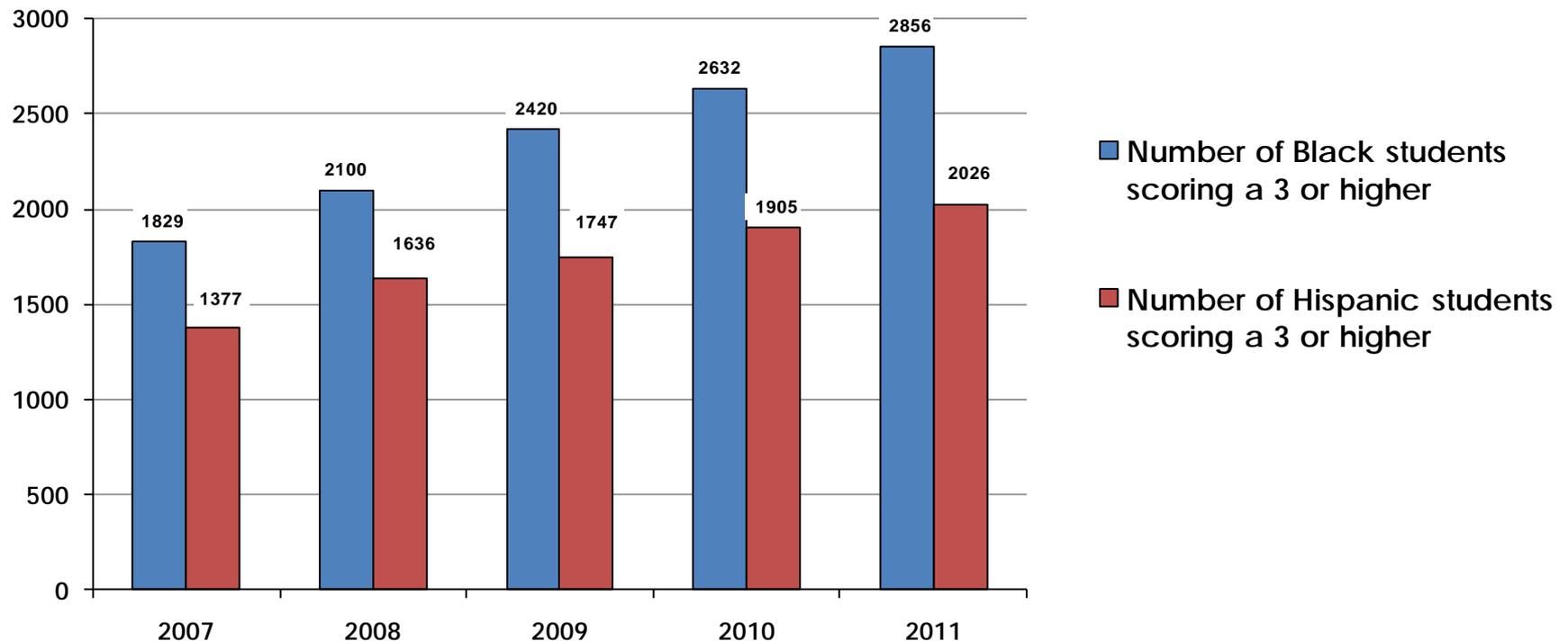
- **5.9% increase in AP performance in one year**
(Number of scores 3-5)
- **27.6% growth in AP performance in the past five years**

	Test Takers	Number of Exams Taken	Scores 3-5
Black Students	+8.2%	+10.6%	+11.2%
Hispanic Students	+11.1%	+13.2%	+8.2%
Asian Students	+6.6%	+6.7%	+6.8%

Consistent and Sustained Improvement



2007 to 2011 AP Performance Among Black & Hispanic Students





AP and Higher Education

- **Taking the AP exam is the culmination of the AP experience.**
- **Students may earn college credit, advanced college placement or both.**
- **AP credit policies vary among colleges and universities.**

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