

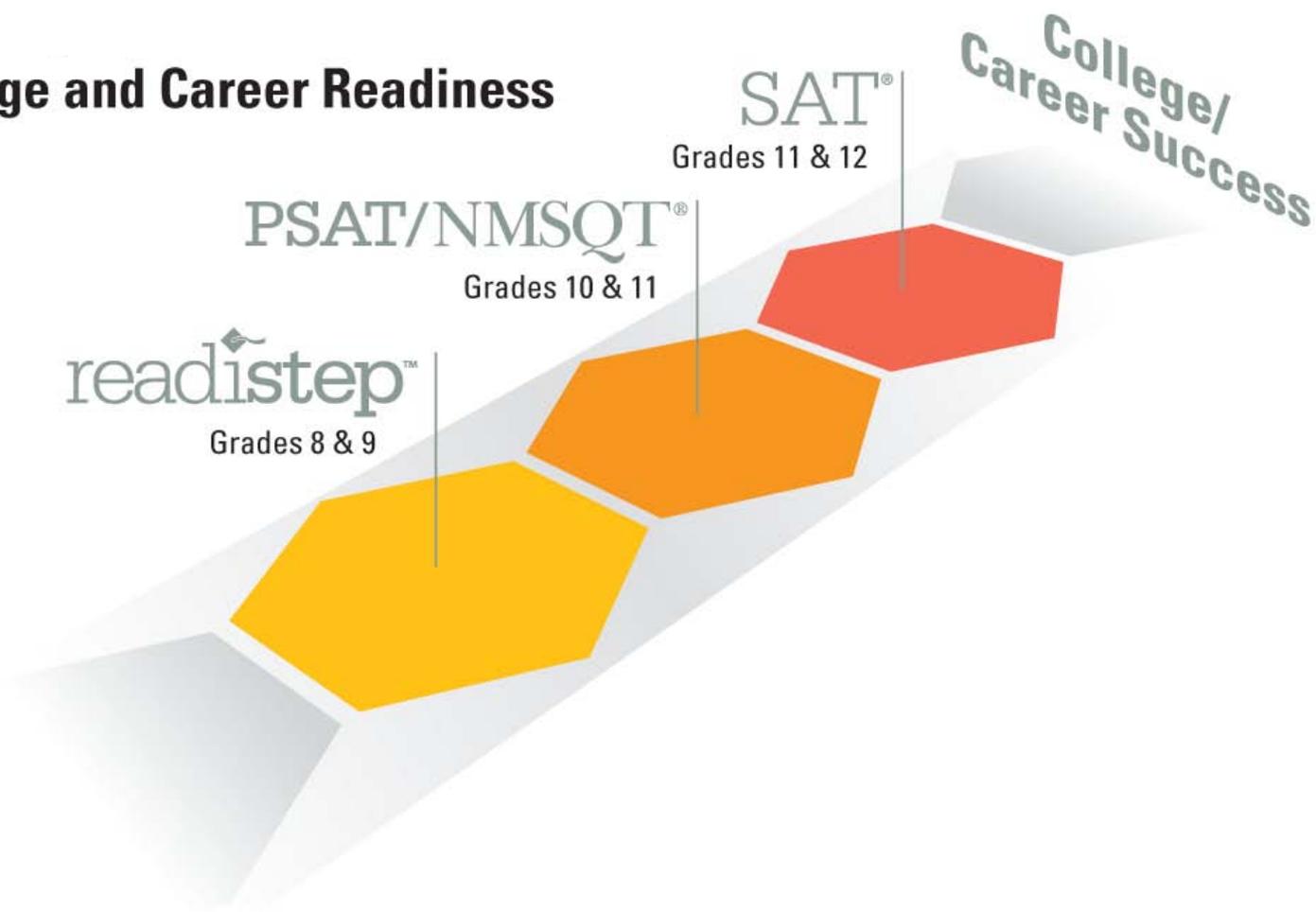


Excellence, Equity and Efficiency: SAT/PSAT/AP Results for Maryland

February 26, 2013

Excellence, Equity and Efficiency

College and Career Readiness



Excellence, Equity and Efficiency

READISTEP IMPLEMENTATION – October 2012

Anne Arundel County (AVID students only)

Baltimore County

Prince George's County

Queen Anne's County

Wicomico County

Worcester County

Excellence, Equity and Efficiency

Maryland Public Schools PSAT – 2012 Sophomores

2007 CR* – 39.8	Math – 39.1	Writing- 41.1
2012 CR – 41.6	Math – 41.4	Writing- 39.2

*Critical Reading

53,847 sophomores took the PSAT and showed **+.9%** change compared to a **.9%** decrease for the nation in participation

5 year change - 3.2% decline in test-takers

- Black students -11.3%
- Hispanic +15.8%
- Asian +11.7%

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Maryland Public Schools PSAT – 2012 Juniors

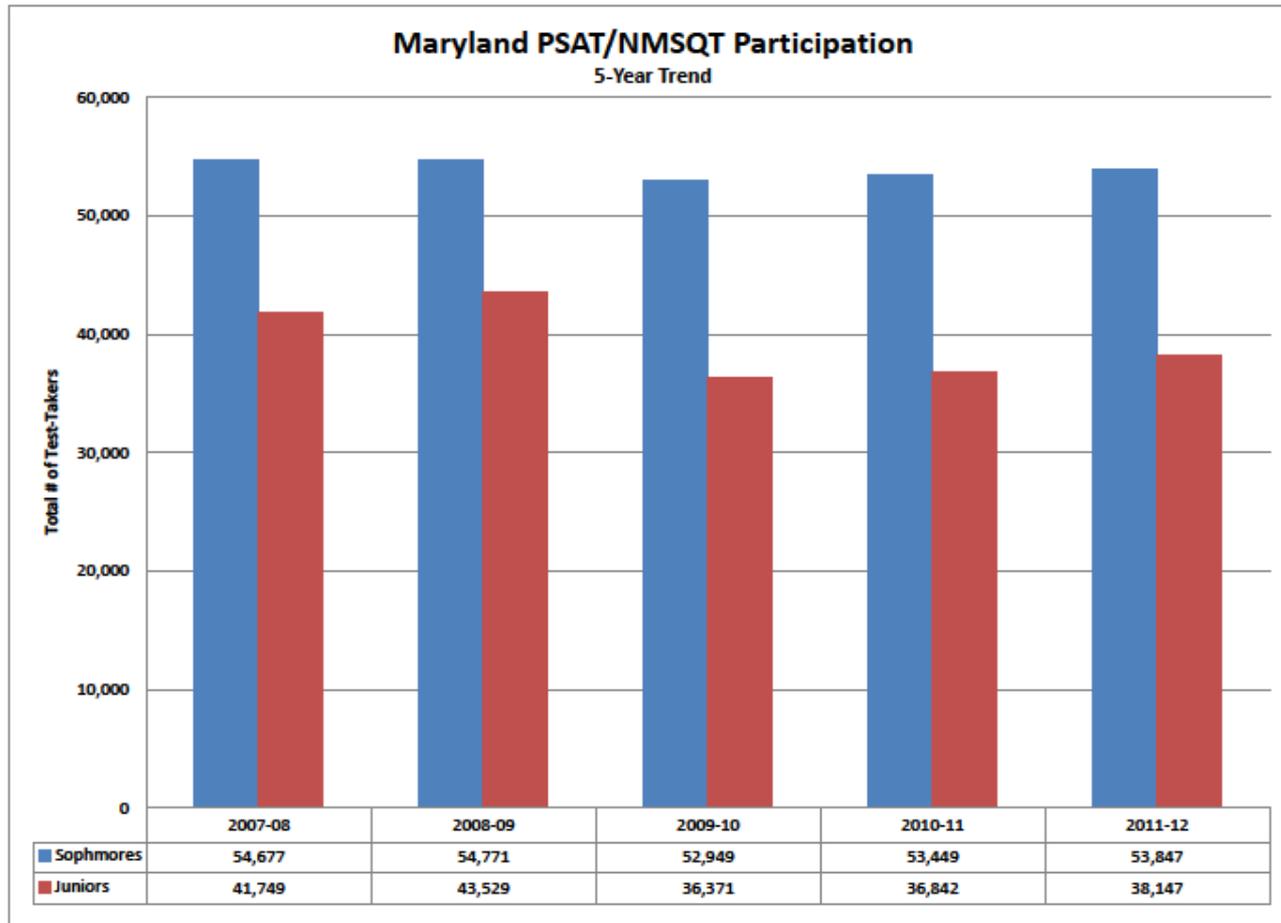
2007 CR – 44.1	Math – 43.5	Writing- 45.1
2012 CR – 45.8	Math – 46.2	Writing- 43.9

38,147 juniors took the PSAT and showed +3.7% change compared to a -1.1% decrease for the nation in participation

5 year change - 9.3% decline in test-takers

- Black students -23.7%
- Hispanic -17.8%
- Asian +11%

PSAT Data Trend - Participation



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Maryland Public Schools SAT - 2012

2007 CR – 490

Math – 488

Writing- 496

2012 CR – 489

Math – 498

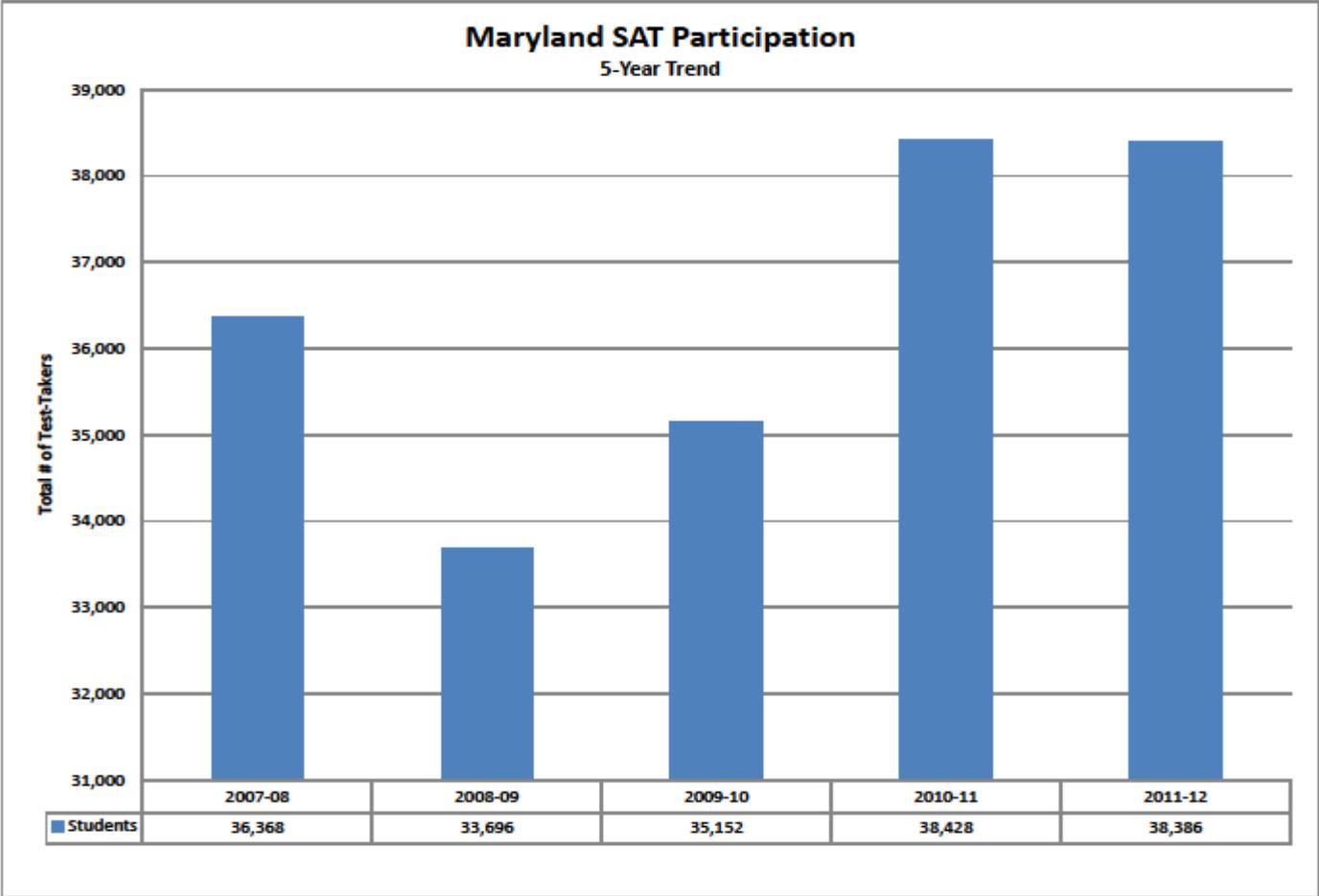
Writing- 480

38,386 students took the SAT and showed no change compared to an increase of 1.2% for the nation

5 year change: 3% increase in the number of graduating seniors taking the SAT

- Black students +12.6%
- Hispanic +18.7%
- Asian +10.1%

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Celebrating Maryland Achievements!

#1 in K-12 Education

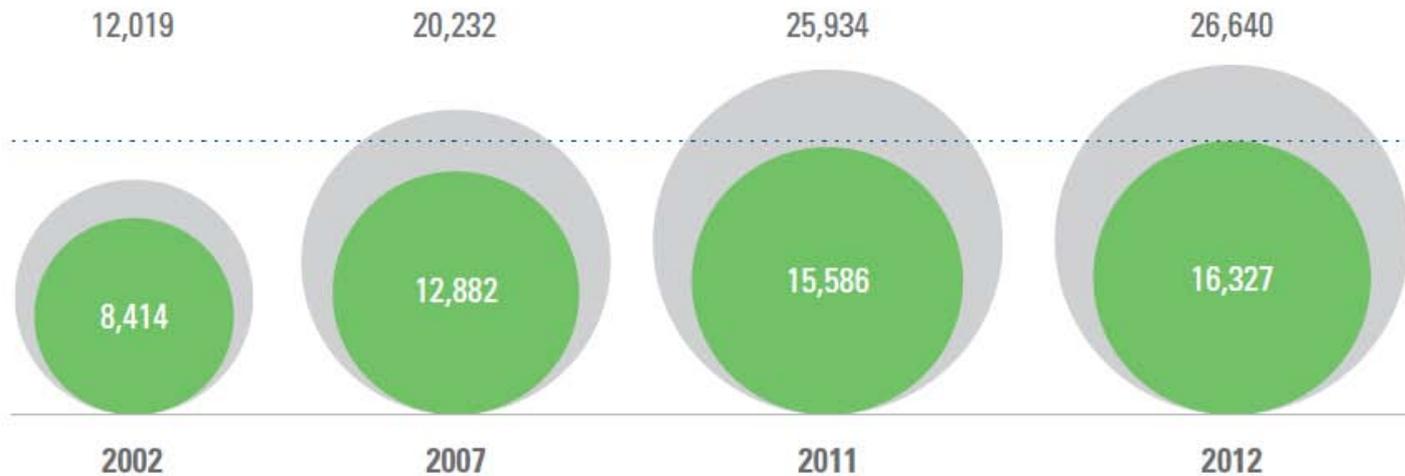
#1 in AP success - 29.6%

#2 in AP participation – 48.2%

2013 AP Report to the Nation - MD

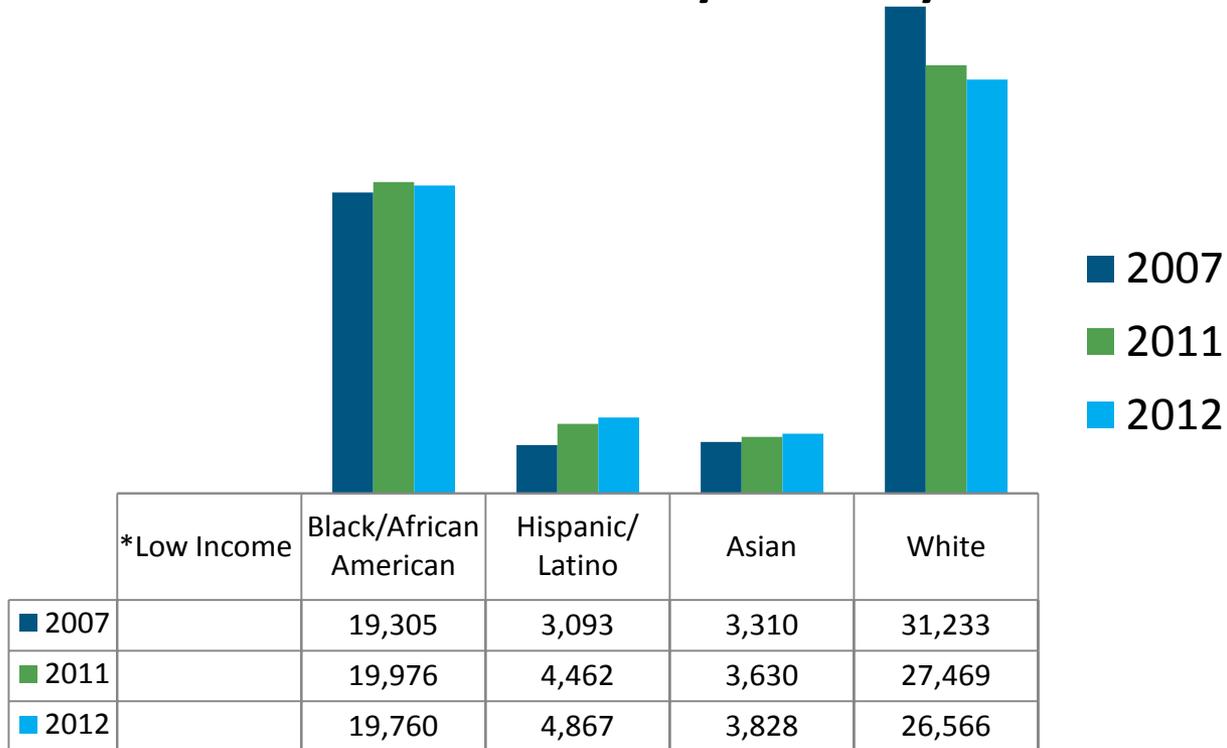
Maryland Growth in AP[®] participation and success

- Number of graduates leaving high school having taken an AP[®] Exam
- Number of graduates scoring 3+ on an AP Exam during high school



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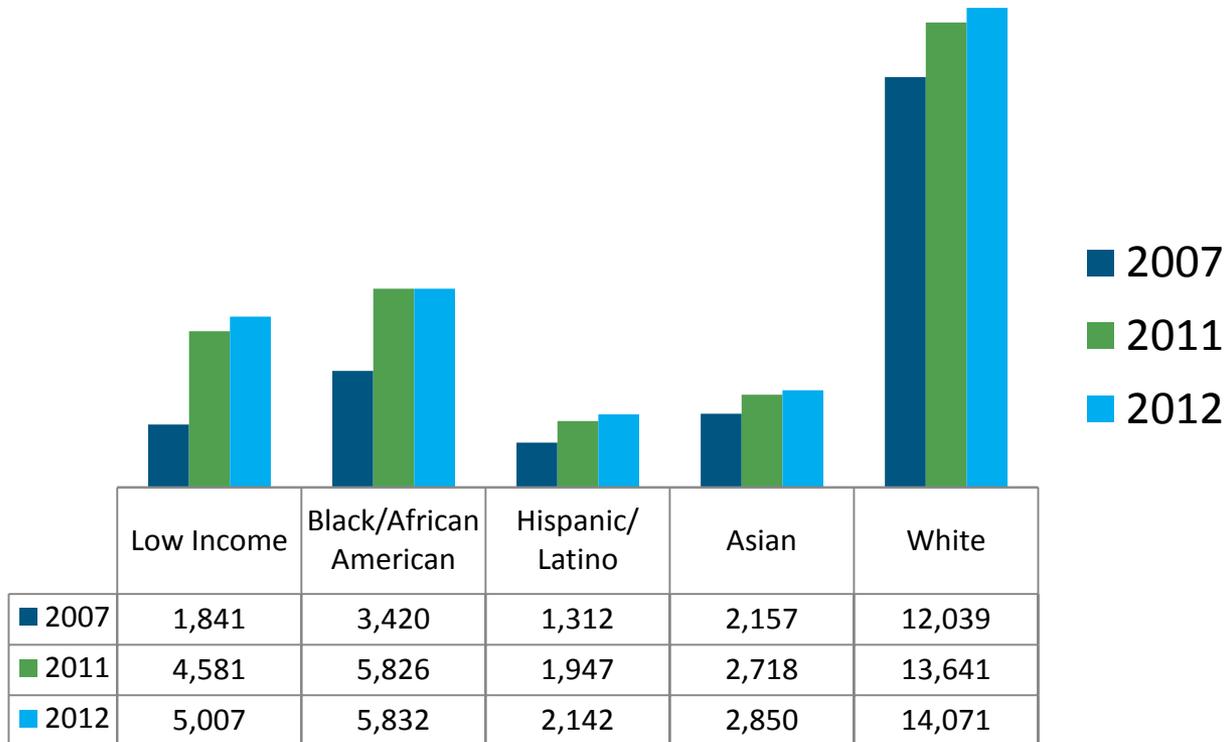
Total Graduates by Ethnicity



* Low Income data not available

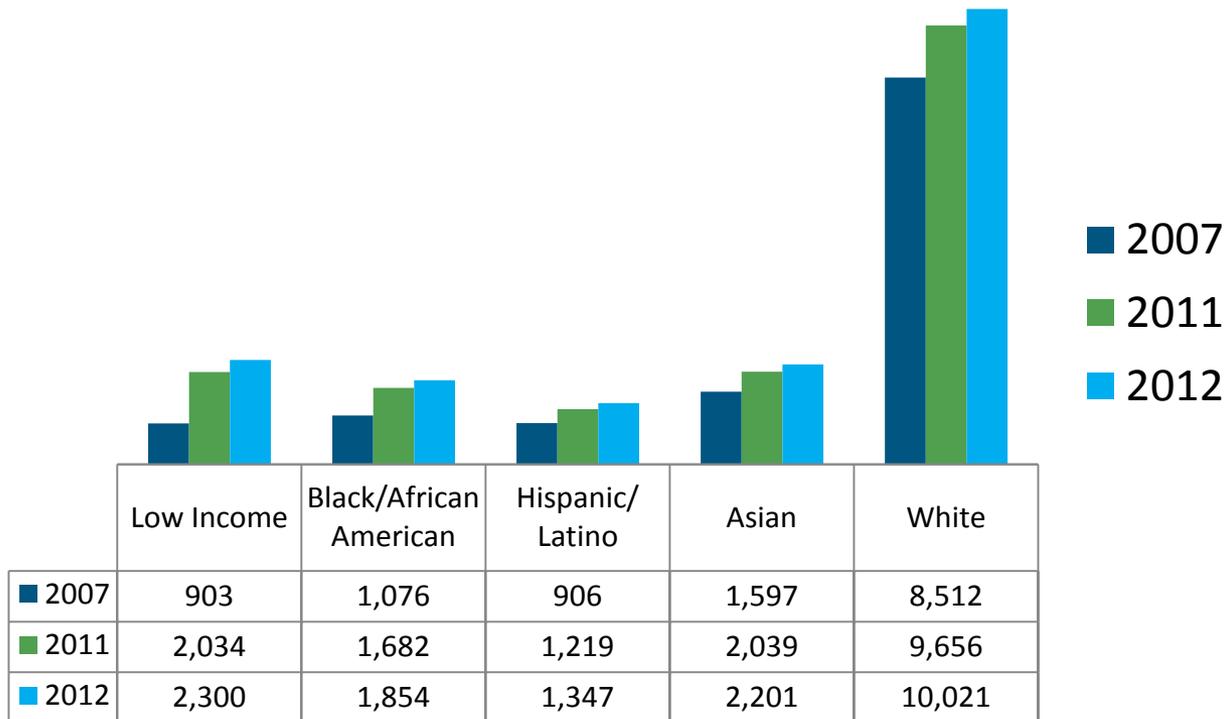
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Graduates that took AP Exam



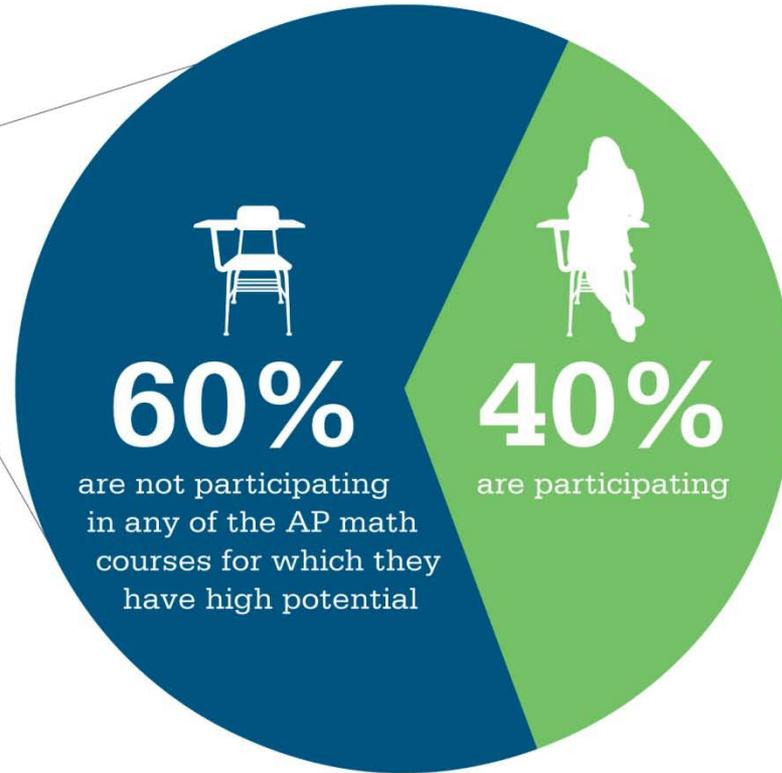
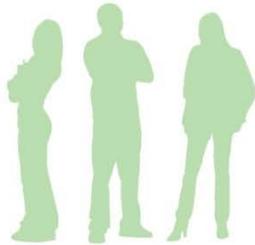
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Graduates scoring 3+ on AP Exam



Our Potential Loss

In each graduating class,
hundreds of thousands of students
demonstrate high potential for success in AP math course work



Among students with potential for success in AP math coursework...

4 out of 10

Asian/Asian American/
Pacific Islander students



6 out of 10

white students



7 out of 10

Hispanic/Latino students



7 out of 10

black/African
American students



8 out of 10

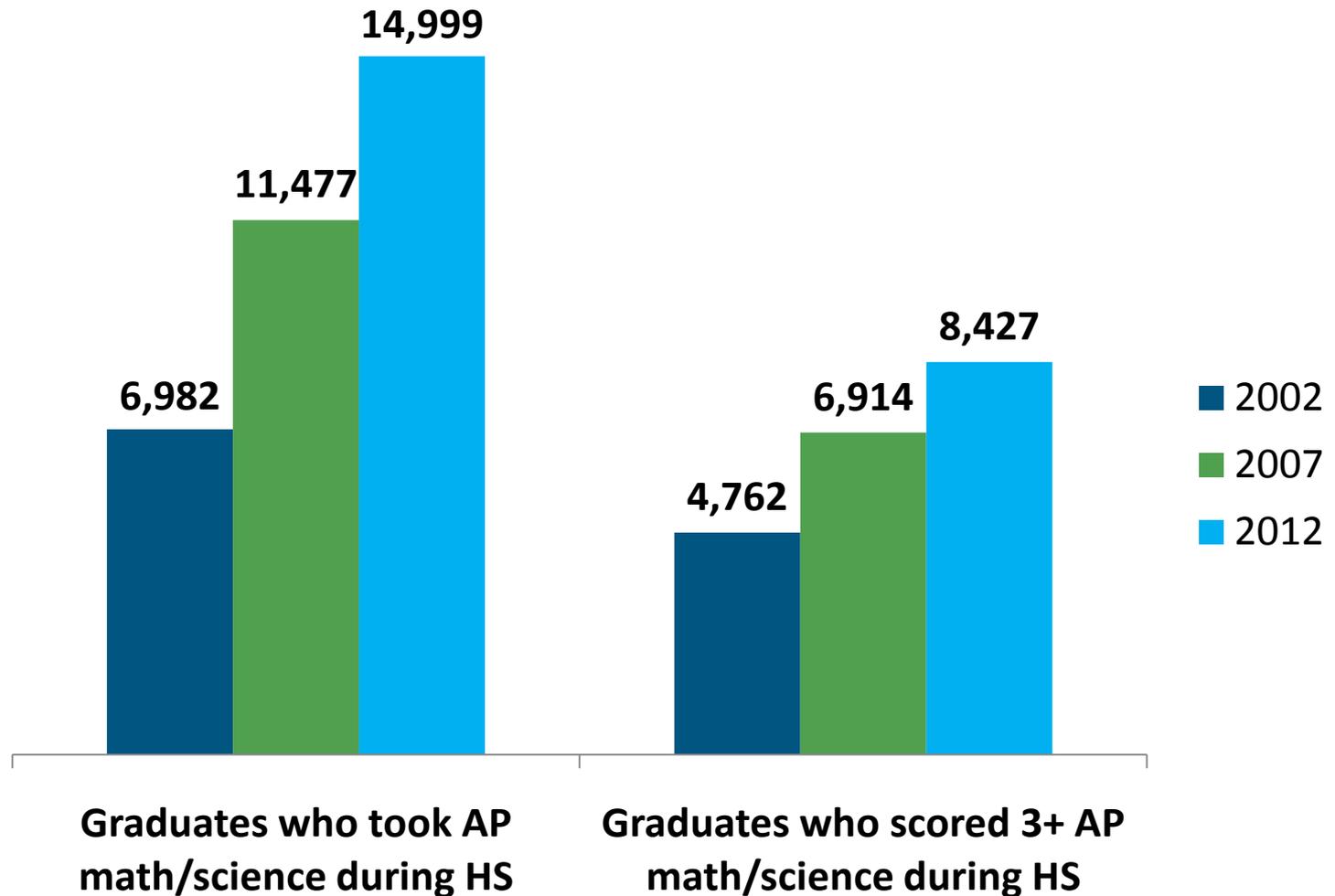
American Indian/
Alaska Native students



...did not take any of the recommended AP math courses.

Exams Taken and Score Reporting

Subject	Exams
English Language and Composition	11,694
Psychology	10,407
English Literature and Composition	9,638
World History	8,289
United States Government and Politics	7,153
United States History	5,889
STEM Subjects	Exams
Calculus AB	5,801
Statistics	4,812
Biology	4,690
Environmental Science	3,888



Baltimore City

Baltimore Polytechnic Institute

Baltimore County

Carver Center for Arts and Technology

Frederick County

Linganore High School

Harford County

Bel Air High School

Howard County

Atholton High School

Long Reach High School

Oakland Mills High School

Wilde Lake High School

Montgomery County

Montgomery Blair High School

Paint Branch High School

Richard Montgomery High School

Rockville High School

Springbrook High School

Prince George's County

Charles Herbert Flowers High School

Washington County

Smithsburg High School

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On-going Initiatives to Support College & Career Readiness

AP STEM Google Donors Choose

2011 APIP Grant – Dorchester and Wicomico Counties,
Baltimore City

AP Fee Waiver Program – AP exam fee subsidies

AP Professional Development

AP STEM Summit – March 14, 2012 – Linthicum, MD

AP Summer Institute – Goucher College, Montgomery
College, Cape Henlopen High School, Lewes, DE

AP Annual Conference – July 17-21, 2013 Las Vegas, NV

Celebrating Maryland Achievements!

- Carroll County Public Schools
- Harford County Public Schools
- Montgomery County Public Schools

AP District Honor Roll

GIVING VOICE TO THE AP[®] EXPERIENCE

Mike Natoli, Freshman, University of Maryland

Sean Martin, English, Friendship Academy for Science and Technology

Ihssan Tabedy, '13, Friendship Academy for Science and Technology

Julian Tisdale, '13, Paul L. Dunbar High School

Dr. Robert Tomback, Superintendent, Harford County Public Schools