

THE 10TH ANNUAL

# AP® Report to the Nation

STATE SUPPLEMENT FEBRUARY 11, 2014



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#### **About This Report**

This report provides educators and policymakers with information they can use to celebrate their successes, understand their unique challenges, and set meaningful goals to increase opportunity for all students. It's important to note that while AP® Exams are valid measures of students' content mastery of college-level studies in specific academic disciplines, AP results should never be used as the sole measure for gauging educational excellence and equity.

Because reliable demographic data for nonpublic schools are not available for all states, this report represents public school students only. Additionally, this report looks at students' entire experience with AP—tracking exams taken by graduates throughout their high school careers—as opposed to reporting exam results from a particular calendar year.

Additional data are available at apreport.collegeboard.org.

Note: Throughout this report, public high school graduates represent projections supplied in *Knocking at the College Door* (Western Interstate Commission for Higher Education, 2012).

The redesigned courses, Biology, Latin, and Spanish Literature and Culture, began in fall 2012, and the first AP Exam based on those redesigned courses was administered in May 2013. As a result, the data in this report reflect a blend of the old and redesigned exam results.

THE 10TH ANNUAL AP REPORT TO THE NATION  $\cdot$  DISTRICT OF COLUMBIA SUPPLEMENT STATE STRATEGIES

The District of Columbia has made progress in recent years in improving student access and supporting student performance in AP®. Just as we do in the national report, we wanted to take an opportunity to applaud your efforts and offer additional strategies for your consideration.



#### **Current Picture**

Congratulations. You are already using these strategies to build a robust AP Program. You:

- Include AP in the accountability system.
  - Establish AP participation and performance indicators.
  - Set clear, measurable statewide goals toward improvement.
- Encourage your educators to participate in the development of the AP Program, such as by becoming AP Exam Readers or participating in course and exam development committees. See page 5 for more details.

#### Opportunities

The following strategies have been proven effective. To build an even stronger AP program, you could:

- □ Ensure that public colleges and universities develop AP Exam credit and placement policies based on institutional goals, alignment with corresponding courses, and objective outcomes research. Partner with College Board Higher Ed staff to coordinate interaction between OSSE, DCPS, and higher education institutions in and around the District of Columbia.
- ☐ Formalize and invest in a professional development schedule to build capacity for infusing Pre-AP® strategies into course work and to bolster current AP teachers.
- □ Enhance existing policies that allow AP course work and exam scores for sophomores and juniors to substitute for statewide graduation requirements and/or end-of-course assessments.
- □ Provide resources to schools and districts to support research-based programs, like SpringBoard®, that build content knowledge and skills particularly in literacy and math to prepare students for success in AP course work, and in college and careers.



#### Highlights

The following information dives a little deeper into the details of your efforts.

#### Participation in the Development of AP

2013 Reading participants - Total: 45

District of Columbia represents 0.4% of all Readers

• AP High School Teachers: 22

• College and University Faculty: 23

2013 AP Professional Development Leaders — Total: 3

2013 AP Development Committee Members - Total: 8

Statistics Benjamin Banneker Academic High School

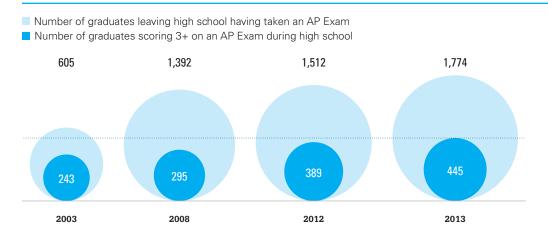
Chinese Language and Culture Friends School

Human Geography George Washington University Physics C Georgetown University Physics 2 George Washington University Georgetown University Japanese Language and Culture

Physics 1 St. Albans School

Physics B Woodrow Wilson High School

#### FIGURE 1 Growth in AP® Participation and Success



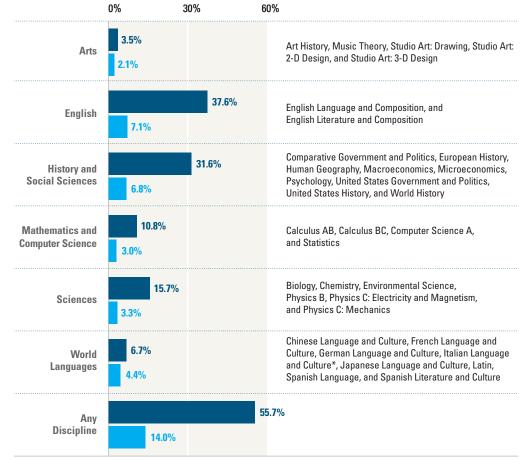
#### **More graduates**

are succeeding on AP Exams today than ever before

#### FIGURE 2 Participation in and Success on AP Exams in the Class of 2013

- Percentage of graduates leaving high school having taken an AP Exam
- Percentage of graduates scoring 3+ on an AP Exam during high school

#### Percentage of District of Columbia Graduating Class



#### **Total Number of Graduates: 3,185**

#### **English**

had the greatest number of students achieving a score of 3 or higher

<sup>\*</sup> AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

#### FIGURE 3 Score Distributions of AP Exams Taken by the Class of 2013 During High School

ank į	Subject	% of Exam Scores*												
'			100%	80%	60%	40%	20%	0%	200	%	40%	60%	80%	100
	Chinese Language and Culture	15					6.7	13.3	26	.7	20.0		33.3	
	Calculus BC	18						22.2		38.	9 16.	7	22.2	
	French Language and Culture	35					5.7	22.9		4	12.9	22.9	5.7	
10	Spanish Language	137					15.3	16.1		30.7	19.7	18.2		
	Music Theory	27					14.8	18.5		33.3	18.5	14.8	:	:
	Macroeconomics	20	:	:	:		20.0	15.0		35.0	10.0	20.0	:	:
	Art History	52					19.2	17.3	2	28.8	28	3.8 <b>5.8</b>		:
	Studio Art: 2-D Design	23	:		:		26.1	13.0	13.0		43.	5 4.3	:	:
	Microeconomics	19					26.3	15.8	15.8	15.8	20	6.3		
	Latin	14					21.4	21.4		4	2.9 14	.3		
	Studio Art: Drawing	18					22.2	22.2	11.1		38.9 5	.6		
	Physics C: Mechanics	32					31.3	21.9	21.9	15.6	9.4	_		
	Psychology	47					38.3	17.0	17.0	21.3	6.4			
	Statistics	108		:			37.0	21.3	13.9	3.9 1	3.9	:		:
8	Human Geography	178	:				52.	2 9.0	11.8	6.3 10.	7			
	Spanish Literature and Culture	58	:	:			48.3	17.2	27	7.6 6.9	:	:	:	:
	Comparative Government and Politics	83					55.4	10.8	18.1	.4 7.2				
4	World History	427				4	1.0	26.0	18.3	6.1			:	:
	European History	7	:				57.1	14.3	14.3	14.3				
	Physics C: Electricity and Magnetism	31				45.	2	29.0 <mark>3</mark>	2 16.1 6	5.5				
	Physics B	35				45.	.7	28.6	20.0	9 2.9				
9	Environmental Science	170					58.2	16.5	11.2 11.8	2.4			:	:
	Computer Science A	18	:				72.2	2 5.6 <mark>5</mark>	.6 16.7		:	:	:	:
6	Calculus AB	247					72.9	9 5.3	11.7 5.3	4.9				
	Chemistry	117					71.8	B 6.8	12.0 5.1	4.3			:	:
1	English Language and Composition	921				51	.5	28.2	11.6 5.4	3.3			:	:
5	United States Government and Politics	375	:				60.3	19.5	12.8 3.7	3.7	:	:	:	:
3	United States History	551					58.4	22.0	9.1 7.4	3.1				
7	Biology	211	:				58.8		3.1 7.1 3				:	:
2	English Literature and Composition	888				5	6.9		10.6 5.4 1.	2				
	German Language and Culture	0		:	:	:							:	
	Italian Language and Culture*	1		:			:		:			:	:	:
	Japanese Language and Culture	0	:	:	:	:	:				į	:	:	
	Studio Art: 3-D Design	3	:		:	:			:					:

 $<sup>\,</sup>$  + Due to rounding, percentages do not always add up to 100.0.

Subjects with fewer than five AP  $\operatorname{\mathsf{Exam}}$  takers were omitted from this figure.

<sup>\*</sup> AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

### Low Income

#### FIGURE 4 Trends in AP Exam Participation and Success

#### The percentage or number of ...

- K-12 students eligible for free or reduced-price lunch\*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

#### 2,145

AP Exams were taken by low-income graduates in the class of 2013





<sup>\*</sup>Estimates reflect the percentage of K–12 public school students eligible for free or reduced-price lunch. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics: 2008* (Table 42), *2009* (Table 42), *2010* (Table 44), *2011* (Table 45), and *2012* (Table 46).

<sup>\*\*</sup>The numbers of students in the graduating classes who are eligible for free or reduced-price lunch are not available.

## Black/African American

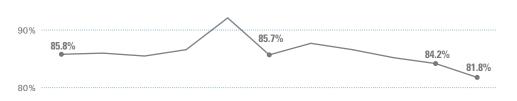
#### FIGURE 5 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

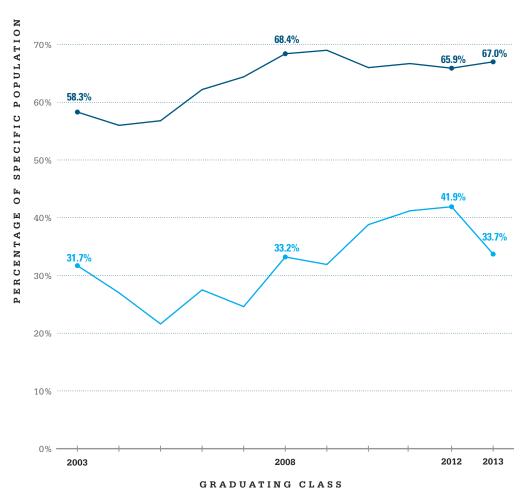
1,189

black/African American graduates in the class of 2013 took an AP Exam during high school



	2003	2000	2012	2013
•	2,339	2,871	2,689	2,605
•	353	952	997	1,189
•	77	98	163	150

2008



# Hispanic/Latino

#### FIGURE 6 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

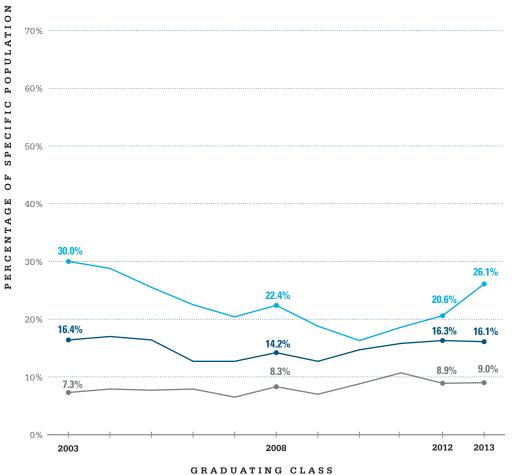
### 100% ------

### 285 Hispanic/

Hispanic/Latino graduates in the class of 2013 took an AP Exam during high school







# American Indian/ Alaska Native\*

#### FIGURE 7 Trends in AP Exam Participation and Success

#### The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native



American Indian/Alaska Native graduates in the class of 2013 took an AP Exam during high school

90%		
80%		

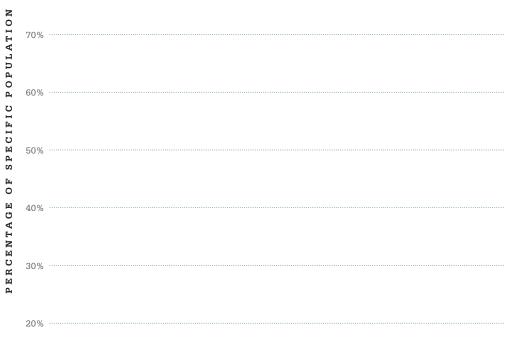
	2000	2000	2012	2010
•	2	3	N/A	N/A
•	1	6	2	9
•	**	1	**	3

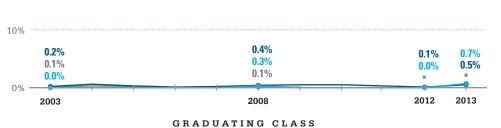
2008

2012

2013

2003





<sup>\*</sup>Precise numbers of American Indian/Alaska Native graduates for the classes of 2010 through 2013 for the District of Columbia are not available from the Western Interstate Commission for Higher Education.

<sup>\*\*</sup>Success data omitted when fewer than five graduates took an AP Exam.

# Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

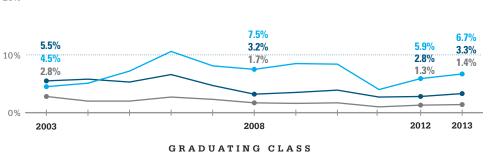
**58** 

Asian/Asian American/Pacific Islander graduates in the class of 2013 took an AP Exam during high school



	2003		2012	
•	75	58	40	45
•	33	44	43	58
•	11	22	23	30





# White

#### FIGURE 9 Trends in AP Exam Participation and Success

The percentage or number of ...

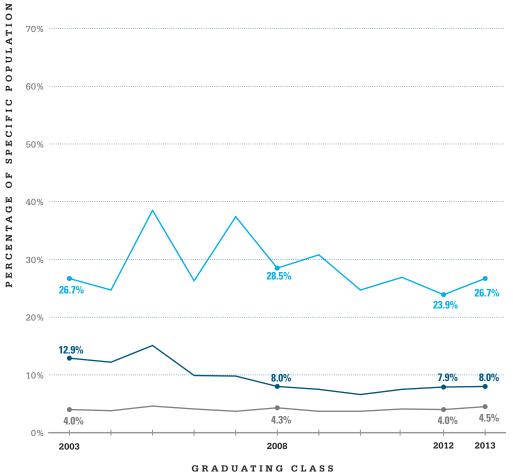
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are white

142

white graduates in the class of 2013 took an AP Exam during high school



	2003	2008	2012	2013
•	110	144	129	142
•	78	111	119	142
•	65	84	93	119





#### ABOUT THE COLLEGE BOARD

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education.

Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success—including the SAT®, and the Advanced Placement Program®. The organization also serves the education community through research and advocacy on behalf of students, educators, and schools.

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