

## THE 10TH ANNUAL

## AP<sup>®</sup> Report to the Nation STATE SUPPLEMENT FEBRUARY 11, 2014

 $\mathbf{\hat{\nabla}}$  CollegeBoard

#### Table of Contents

- 3 State Strategies
- 6 Fostering AP® Participation and Success
- 8 A Closer Look at Equity Gaps in AP Participation and Success

#### 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<sup>®</sup> 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.

Mississippi has experienced, over the last three years, stagnant growth in improving student access and AP Exam performance. Just as we do in the national report, we would like to take this opportunity to recognize 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:

- Celebrate the 1 district that has earned a spot on the AP Honor Roll through its hard work and dedication to increasing participation and success in AP, particularly for underrepresented students. See page 5 for more details.
- 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:

- □ Include AP in the state accountability system.
  - Establish AP participation and performance indicators.
  - Set clear, measurable statewide goals toward improvement.
- Provide funding for teachers in underserved areas of the state to participate in professional development.
- 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.
- Create opportunities for other schools and districts to learn from current and future AP Honor Roll winners.
- Provide targeted assistance and resources to schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs.
- Communicate how AP fits into state graduation requirements, and share information about funding opportunities that enable students to participate and succeed in AP.
- Develop 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 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.
- Participate in the Expedited AP data program, which provides states with their AP student data on an earlier time frame, free of charge, by using a standardized data agreement and file format.

#### Highlights

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

#### Participation in the Development of AP

2013 Reading participants – Total: **89** Mississippi represents **0.8% of all Readers** 

- AP High School Teachers: 31
- College and University Faculty: 58

2013 AP Professional Development Leaders - Total: 1

2013 AP Development Committee Members -- Total: 0

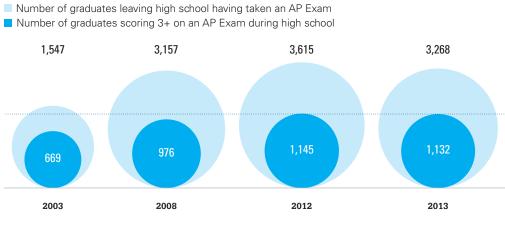
#### The AP Honor Roll

The AP Honor Roll recognizes and honors those outstanding school districts that simultaneously increase access to Advanced Placement<sup>®</sup> course work while increasing the percentage of students earning scores of 3 or higher on AP Exams. Achieving both of these goals is the ideal scenario for a district's AP program because it indicates that the district is successfully identifying motivated, academically prepared students who are likely to benefit most from rigorous AP course work.

4th Annual Honor Roll Districts in Mississippi: 1

DeSoto County School District

### FIGURE 1 Growth in AP<sup>®</sup> Participation and Success



### **More graduates**

are succeeding on AP Exams today compared to 10 years ago

English

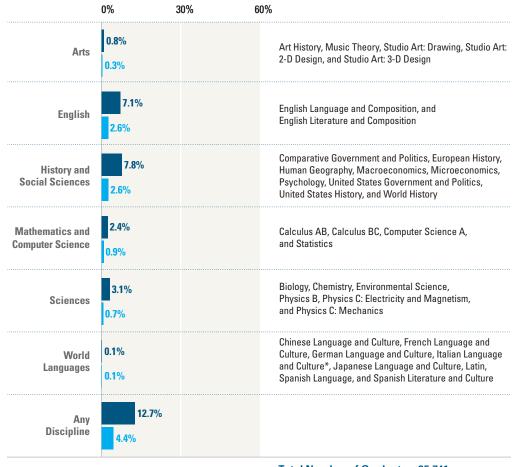
had the greatest number of students achieving a score of 3 or higher

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

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 Mississippi Graduating Class



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

**Total Number of Graduates: 25,741** 

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

Rank	Subject	No. of Exams						xam Sco					
			100%	80%	60%	40%	20%	0%	20%	40%	60%	80%	100
	Calculus BC	40					20.0		25.0	15.0	30.	0	
	European History	115				-	24.3	9.6	33	.9 2	0.9 11.3		
	French Language and Culture	7				14.3		28.6	28.6		28.6		
	Physics C: Mechanics	13				15.4		30.8	30.8	7.7 1!	5.4		
	Statistics	52				25	i.O	25.0	28.8	17.3	3.8		
	Psychology	107					38.3	14.0 1	5.0 2	1.5 11.2			
	Studio Art: 2-D Design	90				8.9		45.6	33.	.3 8.9 3	.3		
	Spanish Language	7						57.1 14	.3	28.6			
	Physics B	66					50.0	7.6 10.6	18.2	13.6			
	Art History	41					43.9	14.6	22.0 1	<b>4.6</b> 4.9			
1	English Language and Composition	1,289				25.8	·	34.1	24.0 1	1.8 4.3			
	Music Theory	18				27.8		33.3	27.8 5	.6 5.6			
2	United States History	1,279		-		30.2	·	31.3	20.4 14	2 4.0	÷		
5	Calculus AB	551					55.	5 7.1 12.	5 12.0	12.9			
3	English Literature and Composition	1,106				27.8		38.6	23.4 7.2	2.9			
	Studio Art: 3-D Design	9					14.4	22.2	33.	.3			
	Environmental Science	46					47.8	19.6 10.9	17.4	4.3			
9	Macroeconomics	146				45	i.2	24.7 1	6.4 11.6	2.1			
	Physics C: Electricity and Magnetism	10				30.0		40.0	30.0				
6	United States Government and Politics	535			· · ·	5	2.0	23.6 13	.6 <b>7.5</b> 3.4	4			
8	Chemistry	372					61.3	15.1 11.3	7.0 5.4				
	Studio Art: Drawing	61			18.0			59.0 13.1	4.9 4.9	-	÷		
4	World History	564				. 54	.6	25.5 13.3	4.1 2.5				
10	Microeconomics	117					70.9		4.3 0.9				
7	Biology	373					64.3	19.0 10.2	2.4 4.	0			
	Human Geography	34						14.7	2.9 5.9	5.9			
	Chinese Language and Culture	4											
	Comparative Government and Politics	1			-								
	Computer Science A	1											
	German Language and Culture	3											
	Italian Language and Culture*	1					:						
	Japanese Language and Culture	1				-							
	Latin	2		÷					÷	:	÷		
	Spanish Literature and Culture	0											

+ Due to rounding, percentages do not always add up to 100.0.

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

Subjects with fewer than five AP Exam takers were omitted from this figure.

## Low Income

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

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

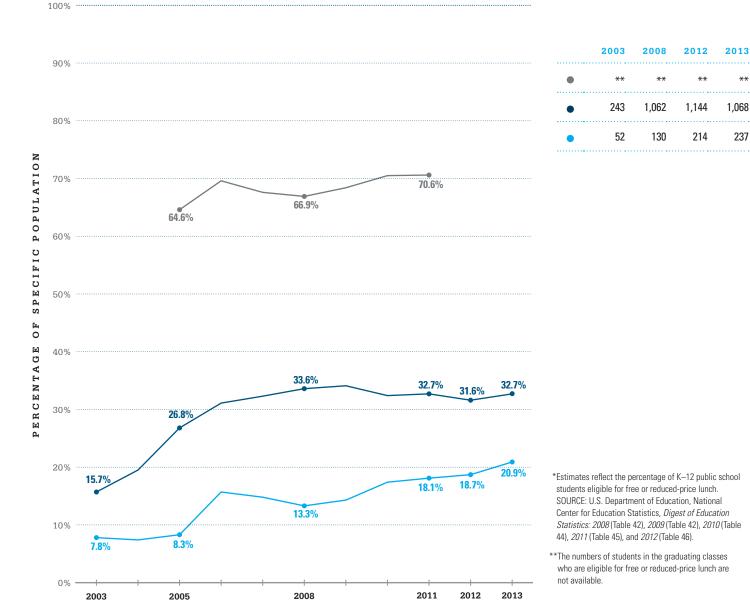
- K-12 students eligible for free or reduced-price lunch\*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

### 2,221

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

\*\*

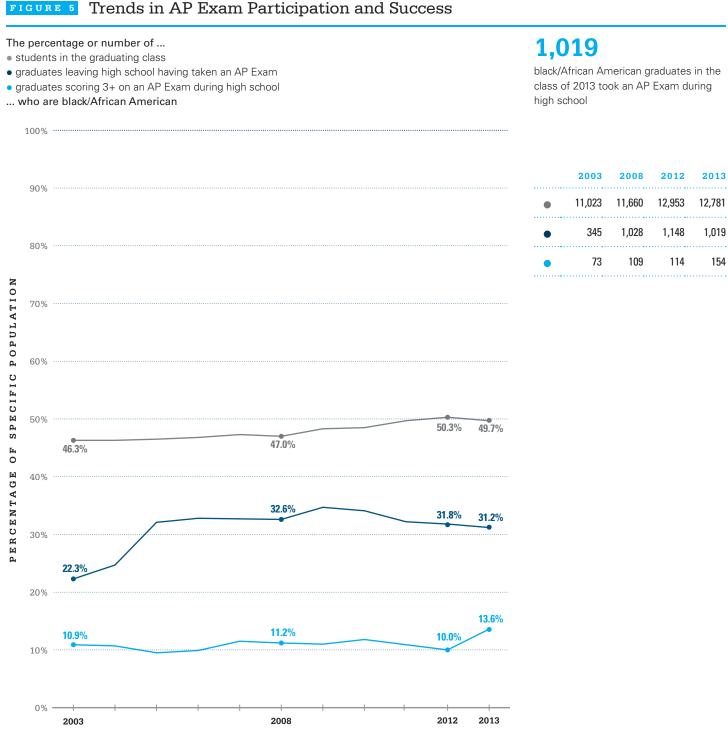
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GRADUATING CLASS

8

## Black/African American



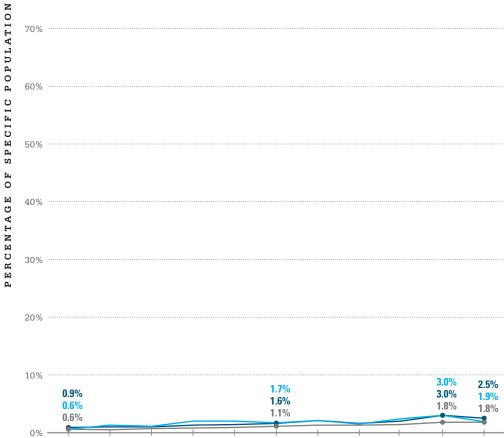
#### GRADUATING CLASS

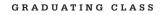
## Hispanic/Latino

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

#### The percentage or number of ... 83 • students in the graduating class Hispanic/Latino graduates in the • graduates leaving high school having taken an AP Exam • graduates scoring 3+ on an AP Exam during high school class of 2013 took an AP Exam during high school ... who are Hispanic/Latino 100% .....

)%		2003		2012	2013
	•	131		473	475
)%	٠	14	50		83
%o	•	4	17	34	22
		•••••	•••••	•••••	





2003

70%

# American Indian/ Alaska Native

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

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

students in the graduating class

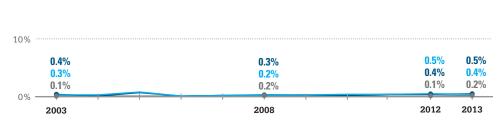
100% .....

- 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

### 17

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

	2003		2012	2013	
•	31	40	30	39	
•	6	10		17	
•		2	6	5	



#### GRADUATING CLASS

SPECIFIC POPULATION

ΟF

PERCENTAGE

70%

60%

50%

40%

30%

20%

# Asian/Asian American/ **Pacific Islander**

#### **FIGURE 8** Trends in AP Exam Participation and Success

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

• students in the graduating class

100% .....

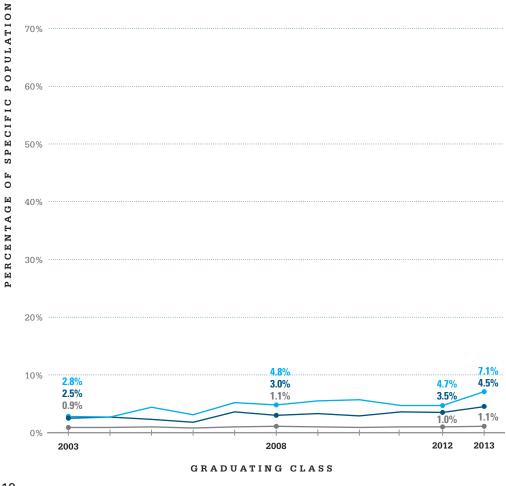
60%

- 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

### 146

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

000/		2003	2008	2012	2013
10%	•	216	280	251	282
30%	•	38	95	128	146
	•	19	47	54	80
%	 				



## White

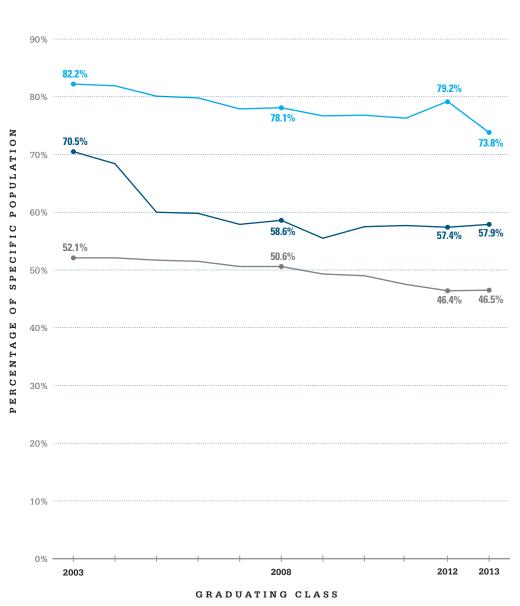
#### FIGURE 9 Trends in AP Exam Participation and Success

#### 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

### 1,891

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



2003 2008 2012 2013 11,964 12,409 12,544 11,953 2,076 1,090 1,851 1,891 907 835 550 762 

## $\mathbf{\hat{\nabla}}$ CollegeBoard

#### 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<sup>®</sup>, and the Advanced Placement Program<sup>®</sup>. The organization also serves the education community through research and advocacy on behalf of students, educators, and schools.

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