

THE 10TH ANNUAL

# AP® Report to the Nation

STATE SUPPLEMENT FEBRUARY 11, 2014



#### Table of Contents

- 3 State Strategies
- 7 Fostering AP® Participation and Success
- 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® 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.

Wisconsin 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:

- Celebrate the 33 districts that have earned a spot on the AP Honor Roll through their hard work and dedication to increasing participation and success in AP, particularly for underrepresented students. See page 5 for 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.
- 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.
- Expand access via virtual AP course offerings.



#### 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.
- Create opportunities for other schools and districts to learn from your AP Honor Roll winners.
- ☐ Provide funding for teachers in underserved areas of the state to participate in professional development.
- □ Provide targeted assistance and resources to schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs.
- □ Participate in the Expedited AP data program, which provides states with their AP student data earlier than ever before, 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: 259

Wisconsin represents 2.3% of all Readers

• AP High School Teachers: 122

College and University Faculty: 137

2013 AP Professional Development Leaders – Total: 25

#### 2013 AP Development Committee Members - Total: 6

Psychology Germantown High School
Spanish Language Lawrence University
Environmental Science Marshfield High School

Studio Art Milwaukee Institute of Art & Design Human Geography University of Wisconsin-Madison

Latin Wayland Academy

#### The AP Honor Roll

The AP Honor Roll recognizes and honors those outstanding school districts that simultaneously increase access to Advanced Placement® 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 Wisconsin: 33

Appleton Area School District\* Beloit Turner School District Columbus School District Diocese of Madison\* Dodgeville School District Eau Claire Area School District Ellsworth Community School District Franklin Public School District\* Germantown School District\* Hudson School District\* Lake Geneva Schools Marshfield School District\* Menasha Joint School District Menomonee Falls School District\* Mequon-Thiensville School District Monona Grove School District\* Mukwonago Area School District\* Muskego-

Norway School District\*

#### Highlights (continued)

#### 4th Annual Honor Roll Districts in Wisconsin (continued)

Neenah Joint School District\*

Oregon School District

Pewaukee School District

Pulaski Community School District

School District of Lodi

School District of Monroe\*

School District of Reedsburg\*

School District of Rhinelander\*

School District of Whitefish Bay

Sheboygan Area School District

Shorewood School District

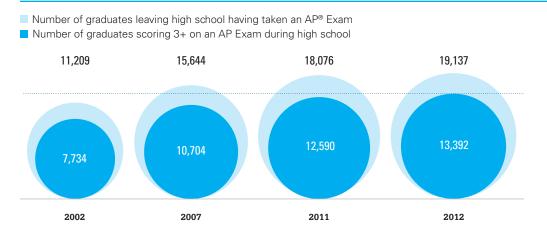
Waunakee Community School District\*

Wausau School District

West Bend School District\*

Unified School District of De Pere\*

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



## **More graduates**

are succeeding on AP Exams today than took them in 2003

#### 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

22.1%

15.6%

12.6%

10.7%

History and

**Sciences** 

World

Any Discipline

Languages

Social Sciences

**Mathematics and** 

**Computer Science** 

Percentage of graduates scoring 3+ on an AP Exam during high school

Percentage of Wisconsin Graduating Class

# 1.3% Art History, Music Theory, Studio Art: Drawing, Studio Art: 2-D Design, and Studio Art: 3-D Design 13.7% English English Language and Composition, and

31.8%

# English Language and Composition, and English Literature and Composition Comparative Government and Politics, European History,

Human Geography, Macroeconomics, Microeconomics,

Psychology, United States Government and Politics,

United States History, and World History

Biology, Chemistry, Environmental Science,

Physics B, Physics C: Electricity and Magnetism,

Calculus AB, Calculus BC, Computer Science A, and Statistics

and Physics C: Mechanics

Chinese Language and Culture, French Language and Culture, German Language and Culture, Italian Language and Culture\*, Japanese Language and Culture, Latin, Spanish Language, and Spanish Literature and Culture

Total Number of Graduates: 60,254

# History and Social Sciences

had the greatest number of graduates 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 j	Subject No. of Exams		% of Exam Scores⁺										
<u> </u>	<u> </u>		100%	80%	60%	40%	20%	0%	20%	40%	60%	80%	10
	Chinese Language and Culture	33		:	:	:		9.1	15.2	18.2		57.6	
	Studio Art: Drawing	175		:	:	:	0.6	18.3		46.3	19.4	15.4	=
10	•						1	3.4 7.8	20.2	19.7		39.0	
10	Calculus BC	1,571	:		:		1.7	20.7		42.6	25.3	9.7	
	Studio Art: 2-D Design	237					11.4	12.1	21.7	30.	1 2	4.7	
1	Psychology	7,906		:		:	13.	2 10.7		41.7	23.5 10	0.8	
	European History	1,321	:	:	:	:	8.0	16.6	26.3		32.9 16	- :	
	Microeconomics	1,023						7.9 7.5	18.3	30.6	25		
	Computer Science A	252					8.9	16.5	20.3	27.3	27	- :	
	Physics C: Mechanics	395					11.2		25.6		9.2 19	- :	
	Human Geography	383	:		:		4.7	20.8		39.6	27.1 7		
	French Language and Culture	192		:	:		2.5	23.1		39.7	22.3 12	- 1	
	German Language and Culture	121		:		:	9.9	18.5			23.3 14.8	- :	
	Physics B	1,348	:	:	:			24.4		36.2	23.0 11.9		
4	English Language and Composition	4,837				. 4	5		20.0			1	
	Macroeconomics	1,074					11.0	19.1	22.8	28.4			
7	Statistics	2,778					11.4	19.2	30		25.3 13.3		
	Studio Art: 3-D Design	47				4.3		27.7		44.7	19.1	1.3	
	Comparative Government and Politics	191					6.3	26.7	22.0	24.1	20.9		
	Japanese Language and Culture	6						33.3	16.7		50.0		
	World History	1,188	:	:	:		12.0	21.6		1.4 20.		:	
	Physics C: Electricity and Magnetism	111					14.4		11.7	24.3	29.7		
2	English Literature and Composition	5,930				4.2		31.2		38.9	19.6 6.2	:	
5	Calculus AB	4,757					23.0	12.7	21.0	19.7	23.7		
6	Biology	3,113		:			12.0	23.8	3		.7 10.4		
3	United States History	5,229		:	:	9	.2	27.9	25.2	26.0	11.7		
	Spanish Language	817					17.0	21.1	21.9	23.1	16.9		
	Music Theory	209	:	:	:	9	.6	28.7	27.8	12.9	21.1	:	
8	United States Government and Politics	2,644				1	2.6	25.8	30	17.4	13.9		
	Environmental Science	1,011				13	3.6	27.1	19.2	28.6	11.6	:	
9	Chemistry	2,296		:	:		22.2	19.7	24.3	21.0	12.7		
	Art History	190		:		21	.6	28.4	26.8	17.4	5.8		
	Spanish Literature and Culture	50				12.0		40.0	28.0	18.0	2.0		
	Italian Language and Culture*	3											
	italian Language and Culture*	3		:	:	:	:		:	:	:	:	

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

Subjects with fewer than five AP 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 ...

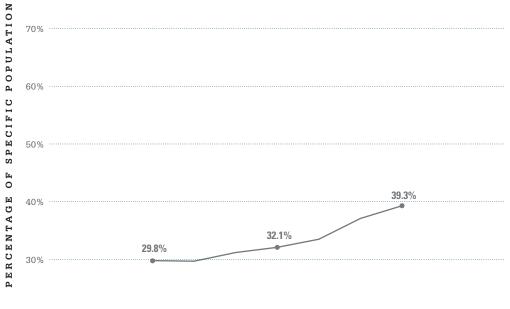
- K-12 students eligible for free or reduced-price lunch\*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

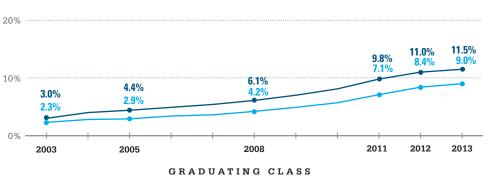
## 5,365

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 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 ...

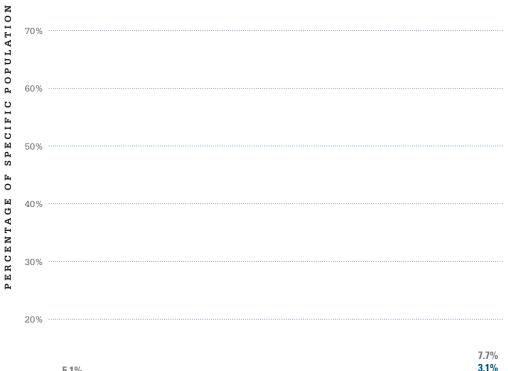
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

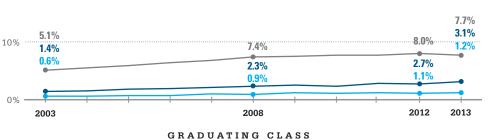
## **584**

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









# Hispanic/Latino

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

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

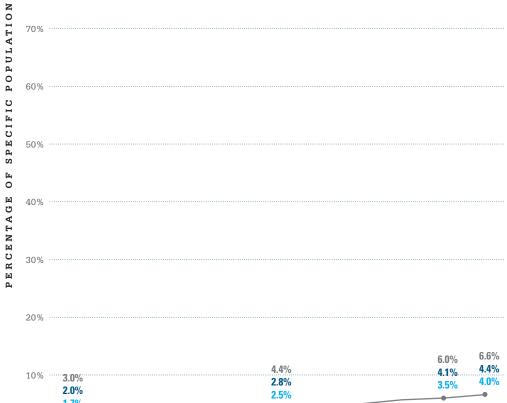
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

## 843

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 ...

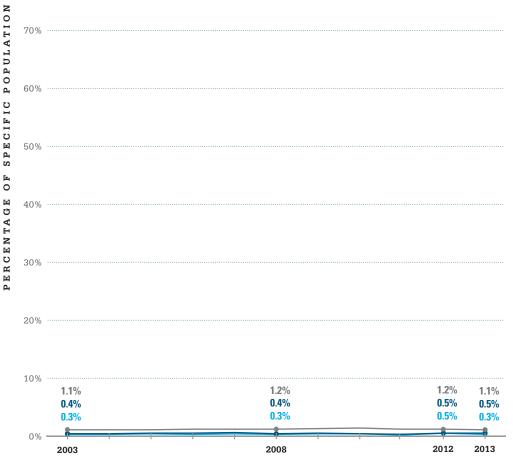
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native

89

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







GRADUATING CLASS

# Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

#### The percentage or number of ... 869 • students in the graduating class Asian/Asian American/Pacific Islander • graduates leaving high school having taken an AP Exam • graduates scoring 3+ on an AP Exam during high school graduates in the class of 2013 took an ... who are Asian/Asian American/Pacific Islander AP Exam during high school 2003 2008 90% 1,859 2,428 325 609 80% 224 387 SPECIFIC POPULATION 70% 60% OF ERCENTAGE 40% 30% 20% 4.5% 3.9% 3.8% 10% 4.2% 3.6% 2.9%

3.6%

2008

GRADUATING CLASS

3.7%

2013

3.5%

2012

2012

2,246

692

441

2013

2,233

869

561

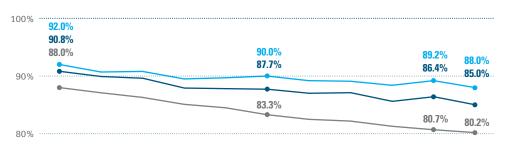
2003

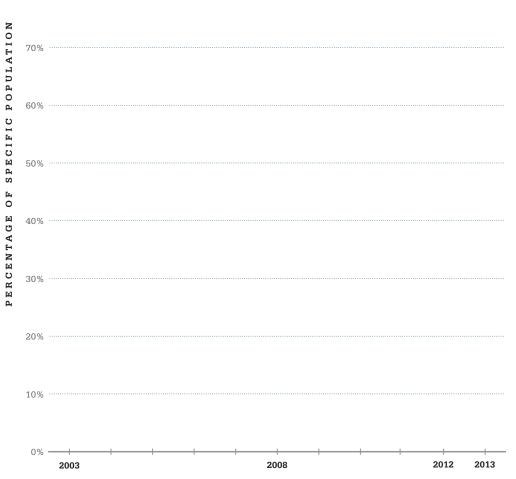
## White

#### 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





GRADUATING CLASS

## 16,265

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

	2003	2008	2012	2013
•	55,679	54,288	50,131	48,351
•	10,177	13,723	15,617	16,265
•	7,114	9,634	11,225	11,783



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