

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.

New Mexico 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 state accountability system.
  - Establish AP participation and performance indicators.
  - Set clear, measurable statewide goals toward improvement.
- 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.
- Provide funding for professional development for teachers in underserved areas of the state.



# 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.
- Create opportunities for other schools and districts to learn from your AP Honor Roll winner.
- □ 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.
- ☐ 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 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: 83

New Mexico represents 0.7% of all Readers

• AP High School Teachers: 60

• College and University Faculty: 23

2013 AP Professional Development Leaders - Total: 14

2013 AP Development Committee Members - Total: 3

Italian Language and Culture Cibola High School

Physics New Mexico State University
Art History University of New Mexico

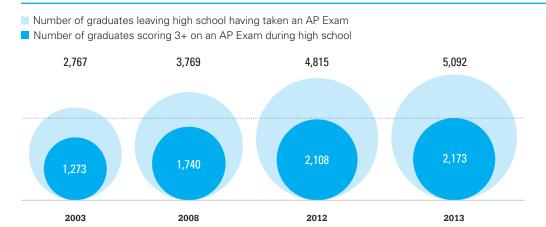
#### The AP Honor Roll

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 New Mexico: 1

Los Alamos Public Schools

# FIGURE 1 Growth in AP® Participation and Success



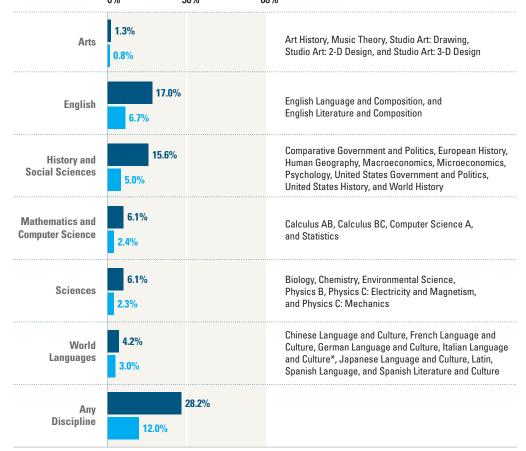
# **More graduates**

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 New Mexico Graduating Class 0% 30% 60%



#### Total Number of Graduates: 18,040

# **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

Rank	Subject	No. of Exams						Exam So					
			100%	80%	60%	<b>40</b> %	20%	0%	20%	40%	60%	80%	100%
	Italian Language and Culture*	8	:	:		:		25.0		37.5 12.5		5.0	:
	Studio Art: 3-D Design	15					6.7	20.0		40.0	26.7 6	= :	
7	Spanish Language	671					13.0	14.2	20.1	26.1	26.	- :	
	Studio Art: 2-D Design	95					9.5	21.1		41.1	25.3	3.2	
	German Language and Culture	26					7.7	23.1	26.9	26.	9 15.4		
	Calculus BC	240					27	.5 4.2	16.3 13.	8	38.3		:
	Art History	26					11.5	23.1	. ;	34.6 15.4	15.4		
	Physics C: Electricity and Magnetism	45					15.6	20.0	17.8	20.0	26.7		
	Physics C: Mechanics	109					18.3	17.4	22.0	19.3	22.9		
	Computer Science A	41					31.7	9.8	14.6	24.4	19.5		
9	Psychology	409		:	:		31.5	11.7	16.1	<mark>19.6</mark> 2	1.0		
	Studio Art: Drawing	65				15.4	1	29.2		41.5 10.8	3.1		
	Spanish Literature and Culture	131	:	:	:	19	.1	27.5	3	3.6 16.8	3.1	:	:
	European History	161					39.1	9.3		36.0 12.4	3.1		
	Music Theory	49				18.4	•	32.7	24.5	20.4	4.1		
	Physics B	260	:	:			38.8	16.2	23.1	11.9 10.0	:	:	:
1	English Language and Composition	2,237				19.8		36.2	25.3	13.1 5.7			
	Macroeconomics	200					42.0	16.0	_	16.5 6.0	:		
8	Biology	506	:	:			39.5	22.1	18.8 12	.1 7.5	:		:
	Environmental Science	175				. 34	.3	27.4	14.3 17	.1 6.9			
6	Calculus AB	711					52.2	9.8	13.4 12.7	12.0	:		
2	English Literature and Composition	1,766	:	:		24.8	•	39.6	22.8 1	2.4	:		
	French Language and Culture	38				23.7		42.1	26.3	7.9			
	Statistics	299					47.2		14.4 15.	- :	:		
10	Chemistry	344	:	:			57.6		14.0 9.9 7		:		:
5	United States Government and Politics	713				41	_	27.2	17.7 7.7				
4	World History	1,158					46.5	23.6	16.8 10.4				
	Human Geography	236					57.2	13.1	18.2 5.9	5.5			
3	United States History	1,572				42.3		30.0	15.0 9.9	2.7			
-	Microeconomics	78	:				56.4		7.7 5.1	<del></del>			
	Chinese Language and Culture	3			:	:	:	3.					
	Comparative Government and Politics	1			:				:	:			
	Japanese Language and Culture	2	:	:	:	:	:		:	:	:	:	:
	Latin	0		:		:	:		:	:	:	:	:

<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

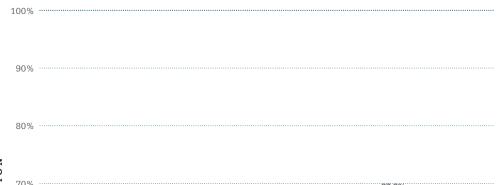
# FIGURE 4 Trends in AP Exam Participation and Success

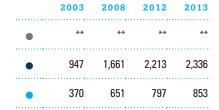
#### The percentage or number of ...

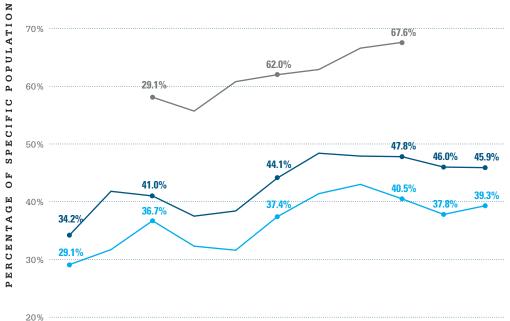
- K-12 students eligible for free or reduced-price lunch\*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

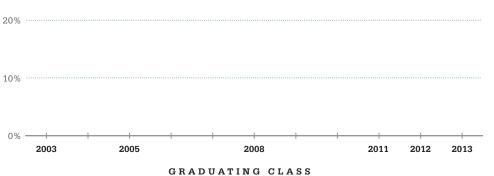
# 4,974

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

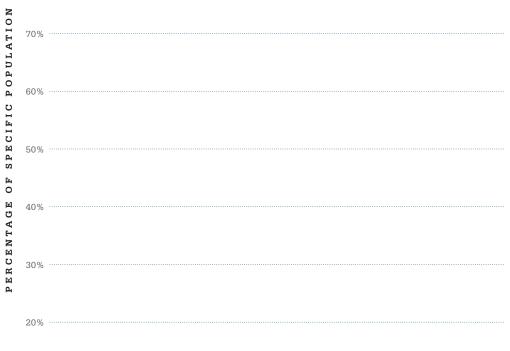
# b

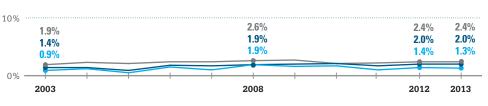
102

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

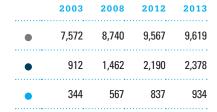
The percentage or number of ...

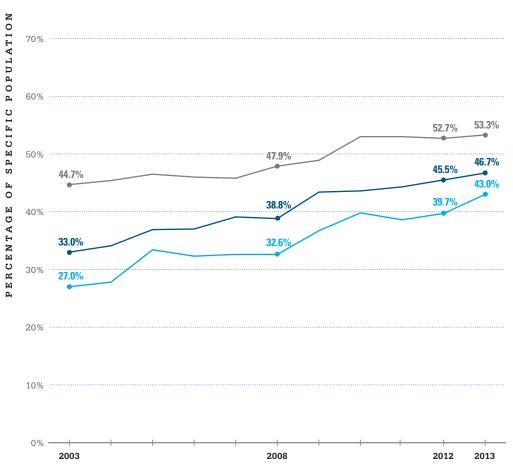
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

2,378

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







GRADUATING CLASS

# American Indian/ Alaska Native

FIGURE 7 Trends in AP Exam Participation and Success

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

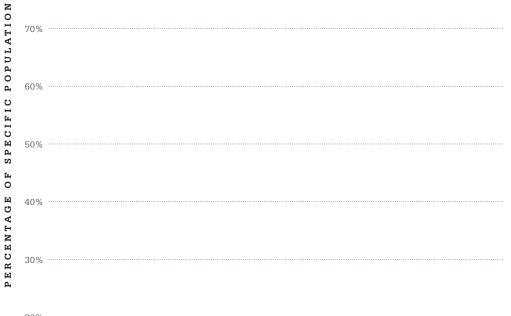
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native

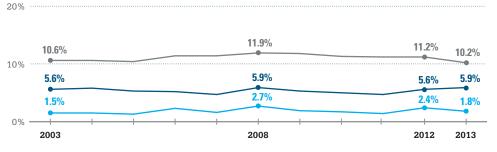
# 298

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

90%	 	 	
80%	 	 	 

	2003	2008		
•	1,802	2,177	•	
•	156	222	269	298
•	19	47	51	40





# Asian/Asian American/ Pacific Islander

## FIGURE 8 Trends in AP Exam Participation and Success

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

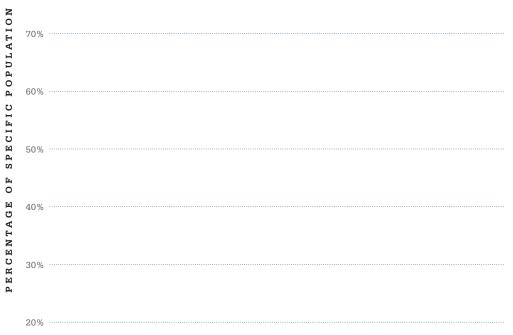
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

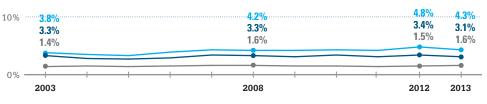
# 160

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

90%	
80%	 







# White

# FIGURE 9 Trends in AP Exam Participation and Success

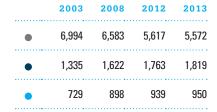
The percentage or number of ...

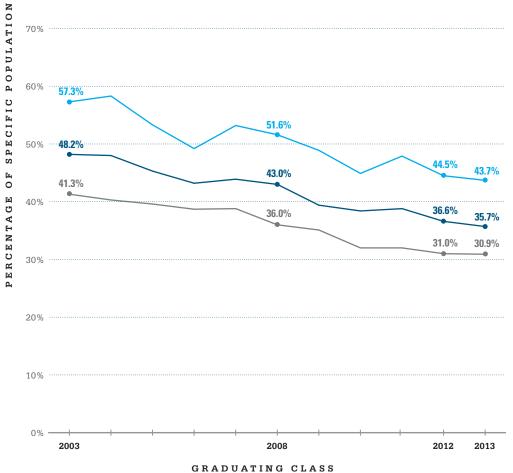
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are white

1,819

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









## 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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