

THE 10TH ANNUAL

AP® Report to the Nation

STATE SUPPLEMENT FEBRUARY 11, 2014



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® 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.

Alabama 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 3 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 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.
- Continue to fund and support the exemplary public/private partnership — A+ College Ready.
- Continue to provide funding for teachers in underserved areas of the state to participate in professional development.



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 winners.
- □ Provide targeted assistance and resources to schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs.
- ☐ Share information about funding opportunities that enable students to participate and succeed in AP. Communicate the advantages of AP for students attending your state's universities.
- 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.



Highlights

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

Participation in the Development of AP

2013 Reading participants — Total: 148
Alabama represents 1.3% of all Readers

AP High SchoolTeachers: 71

College and University Faculty: 77

2013 AP Professional Development Leaders - Total: 4

2013 AP Development Committee Members - Total: 4

Macroeconomics Alabama A&M University
Environmental Science Alabama A&M University
Physics 1 Auburn University

Comparative Government Virgil I. Grissom High School

and Politics

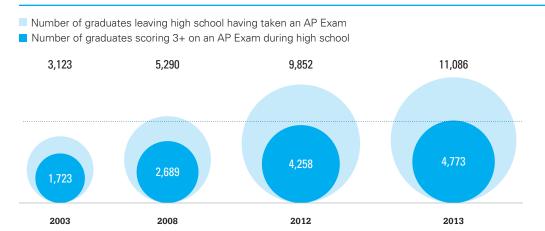
The AP Honor Roll

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 Alabama: 3

Saraland City School District Vestavia Hills City School District Walker County School District

FIGURE 1 Growth in AP® Participation and Success



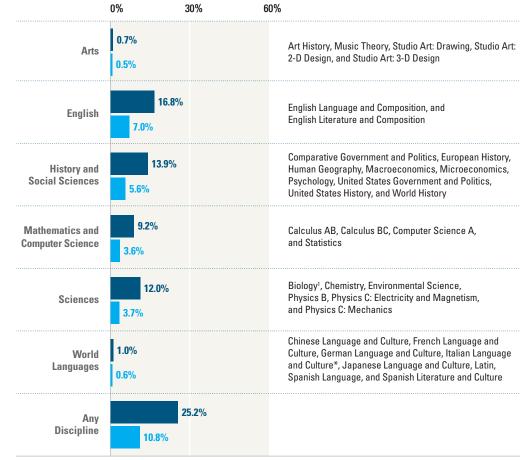
More graduates

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

Percentage of Alabama Graduating Class



Total Number of Graduates: 44,044

English

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

^{*} 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

.							0/	(F ^						
Rank	Subject	No. of Exams	100%	80%	60%	40%	20%	of Exam S 0%		0/2 /1	10%	60%	80%	100%
	Calculus BC	355	100 /6	OU /0 :	:	40 /0	20 /0	5.4 2.5		70 4 15.8	· /0		60.8	. :
	Studio Art: 2-D Design	138	:				20	18.1	13.3	37.0		29.7	12.3	۱ :
	Studio Art: Drawing						2.9	17.7			3.5		:	
	Computer Science A	62 108					3.2	14.8 7.4	16.7	43		25.8	26.9	
	Studio Art: 3-D Design	21		:			_	4.3 9.5	10.7		34.3 47.6	23.8		
	Human Geography			:	:	:			25		29.4		- :	:
	Physics C: Electricity and Magnetism	160					13.1		14.8	.6		17.5		
							9.1	19.3	_	22.5	40.9		1	:
	Comparative Government and Politics	34		:	:	5.9		26.5	14.7	23.5	_	29.4	:	:
	Physics C: Mechanics	268					14.9	17.5	22.4		29.5	15.7		:
	Latin	55					10.9	23.6			3.6 12.7			
	German Language and Culture	37				5.4		29.7		32.4		13.5		
	Spanish Literature and Culture	11				9.		27.3				63.6		
	French Language and Culture	87				10.		27.6		34.5	21.8	- 1		
	Microeconomics	437					23.6	19.0	21.3		24.5 11.			
_	European History	726					31			36.5	14.7			
9	Psychology	1,060					29.3		21.0		2.8 12.6	1		
	Music Theory	61		:	:	16.4		29.5	23.0	2	1.3 9.8	:	:	:
	Chinese Language and Culture	6			- i .			50.0			50.0		:	:
	Spanish Language	272	:				32.4	19.9	15.4	_	16.2			:
	Physics B	702					35.0	21.1	23.1		6.8			
1	English Language and Composition	5,932				22.6		36.3	24.	11.8	4.9			
10	Environmental Science	864				32.	2	27.2	15.3	21.1	4.3			
2	English Literature and Composition	4,987				22.2		37.8			4.1			
5	Calculus AB	2,875					50	10.9	13.5 11.	5 13.7				
	World History	97					45.4	16.5	20.6	11.3 6.2				
6	United States Government and Politics	2,205					38.7	23.3	21.5	9.1 7.4				
3	United States History	4,435		:		30.7		31.5	17.3	15.0	5.5			:
	Art History	58	:	:			48.3	17.2	_	6.9	:	:	:	:
7	Chemistry	1,937					54.2	14.4	14.5 10.	2 6.8				
	Macroeconomics	855		:			49.6	20.2	13.6 11.	5.3	:	:		:
8	Statistics	1,116					53.0	17.3	15.2 9.	5.3	:			
4	Biology	3,073				4	7.6	24.9	15.3 8.4	3.8			:	
	Italian Language and Culture*	0	:	:	:	:	:		:				:	:
	Japanese Language and Culture	0		:	:	:			:		:	- 1	:	:

 $^{\,}$ + 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.

^{*} 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 ...

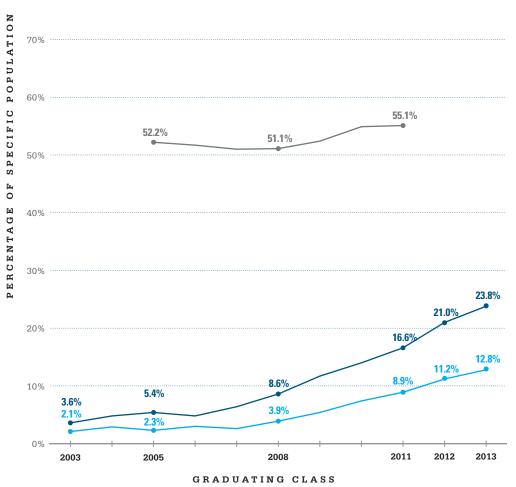
- K-12 students eligible for free or reduced-price lunch*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

7,030

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







^{*}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).

^{**}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

100% ------

100%

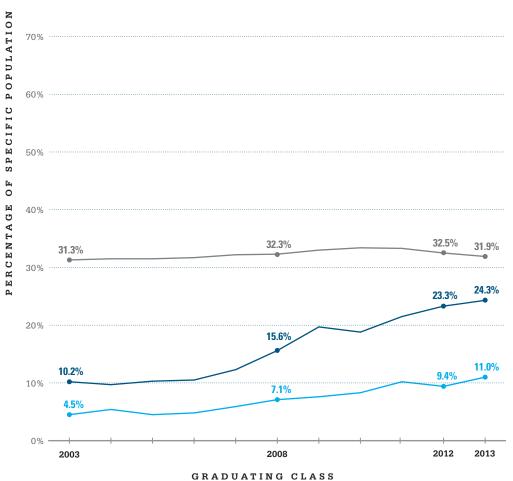
90%

80%

2,697

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

2003 2008 2012 2013 14,406 11,500 14,045 13,343 318 824 2,300 2,697 401 78 190 523



Hispanic/Latino

FIGURE 6 Trends in AP Exam Participation and Success

The percentage or number of ...

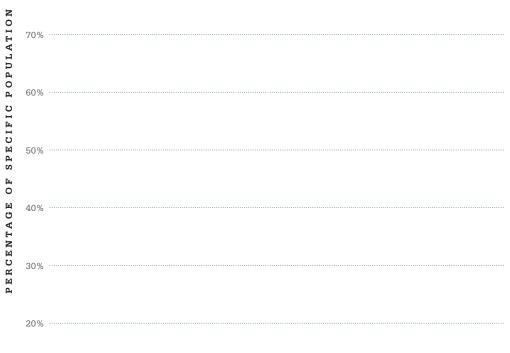
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

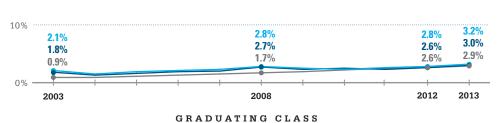
331

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



	2003	2008	2012	2013
•	313	684	1,169	1,292
•	57	143	256	331
•	36	76	119	154
•	36	76	119	1





American Indian/ Alaska Native

FIGURE 7 Trends in AP Exam Participation and Success

The percentage or number of ...

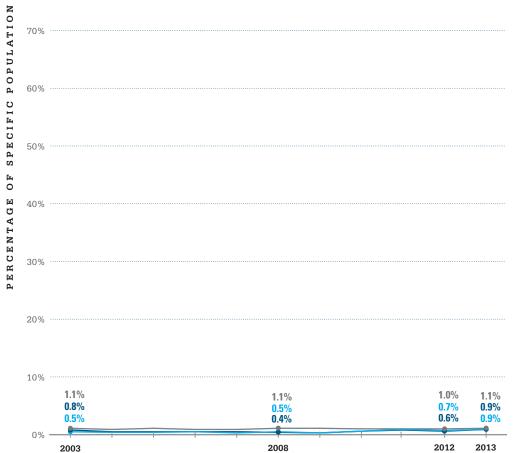
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native



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







GRADUATING CLASS

Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

The percentage or number of ...

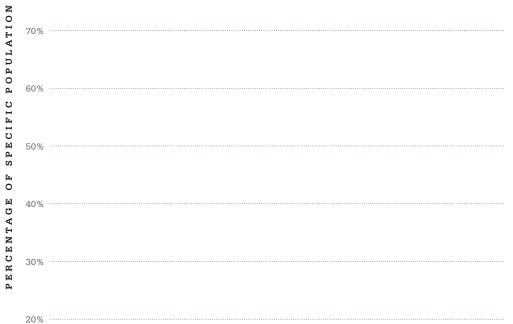
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

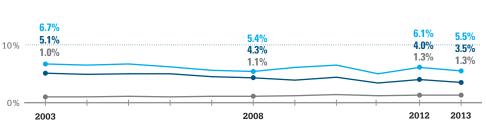
389

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









White

FIGURE 9 Trends in AP Exam Participation and Success

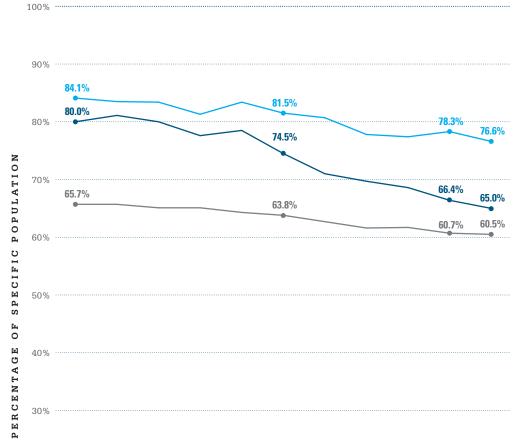
The percentage or number of ...

- 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

7,209

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

2003



2008

GRADUATING CLASS

2012

2013

		2003	2000		
	•	24,127	26,375	•	•
•	•	2,497	3,940	6,546	7,209
	•	1,449	2,192	3,333	3,655

2008

20%

10%

2003



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