

THE 10TH ANNUAL

# AP® Report to the Nation

STATE SUPPLEMENT FEBRUARY 11, 2014

# **EXISE**The second of the sec

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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  $\cdot$  ALASKA SUPPLEMENT STATE STRATEGIES

Alaska can make progress 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**

You are already using these strategies to build an AP Program. You:

- Support PSAT/NMSQT® for sophomores through a partnership between University of Alaska system and districts that will split the cost, providing Juneau, Ketchikan, Bethel, and Petersburg students the chance to access rigor.
- ✓ 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. For example, Juneau Douglas School District implemented SpringBoard® English Language Arts this fall.

#### 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. 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. ☐ Provide funding for teachers in underserved areas of the state to participate in professional development. Encourage schools and districts to increase participation and support success in AP, with a focus on underrepresented students, so they can be recognized on the AP Honor Roll. See page 5 for more details. ☐ Provide targeted assistance and resources to schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs. ☐ Clearly communicate how AP fits into state graduation requirements, and share information about funding opportunities that enable students to participate and succeed in AP. Encourage participation in the Governor's Performance Scholarship. 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.

☐ 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: 23
Alaska represents 0.2% of all Readers

• AP High School Teachers: 14

• College and University Faculty: 9

2013 AP Professional Development Leaders — Total: 0

2013 AP Development Committee Members – Total: 0

#### The AP Honor Roll

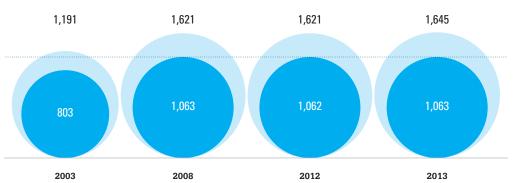
The AP Honor Roll recognizes and honors those outstanding school districts that simultaneously increase access to Advanced Placement® course work while increasing the percentage of students earning scores of 3 or higher on AP Exams. Achieving both of these goals is the ideal scenario for a district's 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 Alaska: 0

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



#### ■ Number of graduates scoring 3+ on an AP Exam during high school



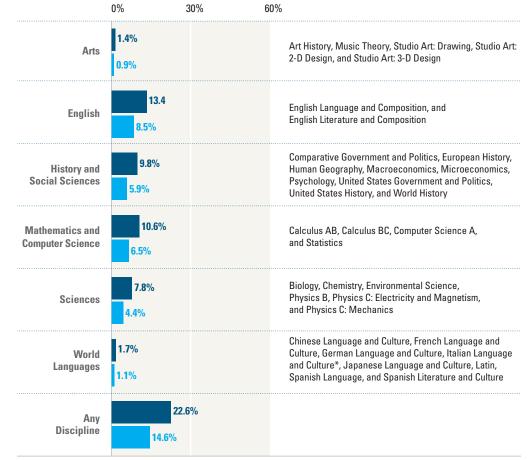
#### **More graduates**

are succeeding on AP Exams today compared to 10 years ago

#### 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 Alaska Graduating Class



#### **Total Number of Graduates: 7,289**

#### **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		% of Exam Scores <sup>+</sup>										
i			100%	80%	60%	40%	20%	0%	20%	40%	60%	80%	100
	Spanish Literature and Culture	10							30.	0	·	60.0	10.0
	Physics C: Mechanics	14				:	:	7.1	21.4		42.9	28.	6
	Calculus BC	114					7.0	3.5	24.6	15.8		49.1	
	Computer Science A	18					5.6	5.6 <b>1</b>	1.1		50.0	27.8	
	Macroeconomics	83					10.8	12.0	19.3		37.3	20.5	
	German Language and Culture	26	:			:	3.8	19.2		38.5	23.1	15.4	
	Human Geography	12		:				25.0	25.0	25	.0 25	5.0	:
8	Psychology	176					11.9	14.2	19.9		<b>34.7</b> 19	.3	
	Studio Art: Drawing	15	:				6.7	20.0			60.0 13.	3	:
	Studio Art: 3-D Design	7		:			14.3	14.3			57.1 14.3		:
	European History	86					2	4.4 5.8		38.4	19.8 11.6		
10	Physics B	126					14.3	19.0	3	3.3	<b>25.4</b> 7.9		
9	United States Government and Politics	143		:			9.8	23.8		35.0	19.6 11.9		
2	Calculus AB	588	:	:	:		23.5	11.1	20.1	19.6	25.9		:
	Comparative Government and Politics	32					9.4	25.0	15.6	28.1	21.9		
1	English Language and Composition	763	:			4.6		30.7		35.9	22.5 6.3		:
	Microeconomics	111		:			18.0	18.9	19.8	28.	14.4	:	
	French Language and Culture	16					18.8	18.8		43.8	18.8		
	Music Theory	16				6.3		31.3	·	37.5 12	.5 12.5		:
	Spanish Language	64					21.9	17.2	14.1	20.3	26.6		
3	English Literature and Composition	466				7.7		31.8	;	34.8	<mark>19.3</mark> 6.4		
	Studio Art: 2-D Design	29				3.4		37.9	27.6	20.7	10.3		:
6	Biology	243	:		:	1!	5.6	26.7	32	2.1 17.	3 8.2		:
5	Statistics	260		:			23.8	21.2	26.9	19.2	8.8		
	Art History	35					22.9	22.9	28.6	2	2.9 2.9		
7	Chemistry	216					21.8	24.1	22.7	18.5	13.0		
4	United States History	373				16.9		32.7	22.5	20.1 7	.8		
	World History	105	:	:	:	15.2		36.2	31	.4 12.4	4.8		:
	Environmental Science	98					27.6	24.5	12.2	22.4 13.3	3		
	Japanese Language and Culture	17					5	8.8 5.9	17.6 <mark>5.9</mark>	11.8			
	Chinese Language and Culture	1		:						:	:		
	Italian Language and Culture*	0		:									
	Latin	2		:	:	:	:		:		:		
	Physics C: Electricity and Magnetism	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

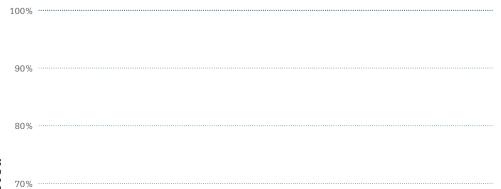
#### FIGURE 4 Trends in AP Exam Participation and Success

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

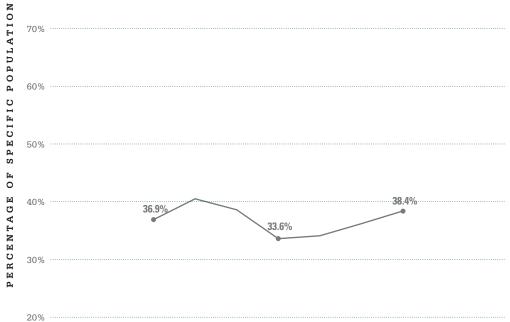
- K-12 students eligible for free or reduced-price lunch\*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

#### 361

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







4.9%

2008

GRADUATING CLASS



7.4%

2012

6.6%

2011

10%

4.3%

2003

4.9%

4.3%

2005

<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 ...

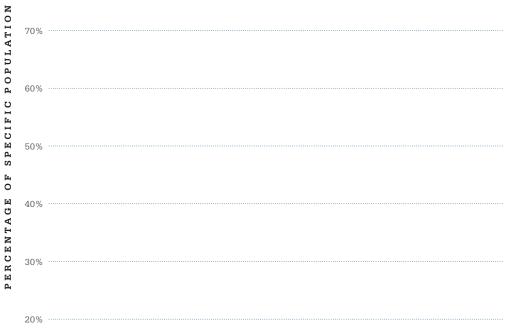
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

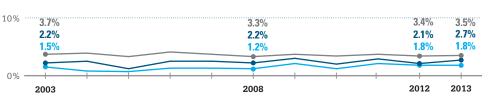
44

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 ...

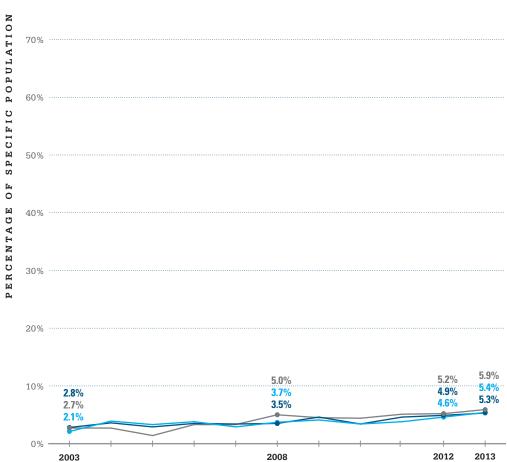
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

90%

#### 88

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

	2003	2008	2012	2013
•	194	389	404	427
•	33	57	79	88
•	17	39	49	57



GRADUATING CLASS

# American Indian/ Alaska Native

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

The percentage or number of ...

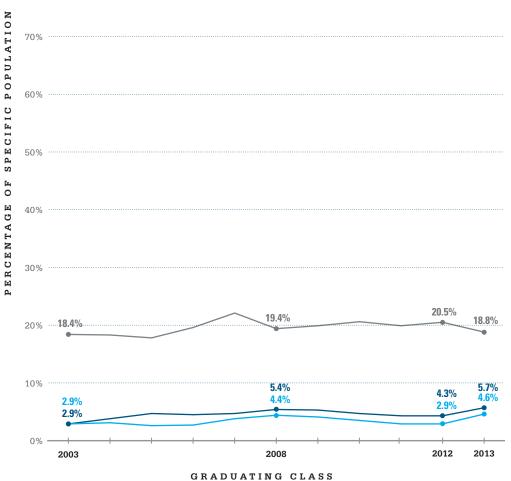
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native

93

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







# Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

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

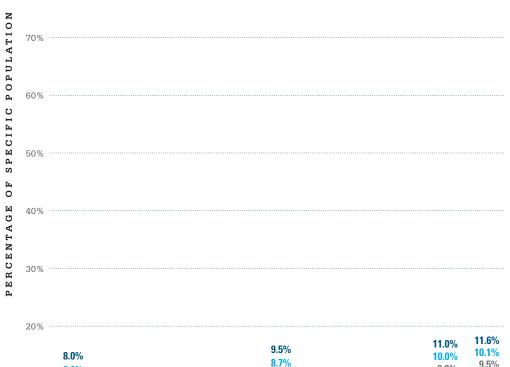
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

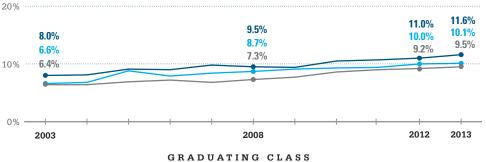
#### 190

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



	2003		2012	
•	468	575	715	694
•		154	178	190
•	53	92		





# White

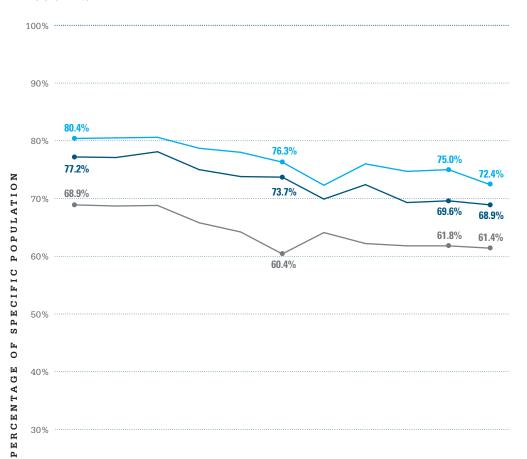
#### FIGURE 9 Trends in AP Exam Participation and Success

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

1,133

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



	2003	2008		
•	5,024	4,742	,	,
•		1,195	1,129	1,133
•	646	811	796	

30%

20%

10%



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