

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.

North Dakota 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 2 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.
- 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.



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 professional development for teachers in underserved areas of the state.
- ☐ 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.
- Expand access to AP by supporting virtual options.
- □ 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: 23

North Dakota represents 0.2% of all Readers

AP High School Teachers: 3

• College and University Faculty: 20

2013 AP Professional Development Leaders — Total: 2

2013 AP Development Committee Members – Total: 0

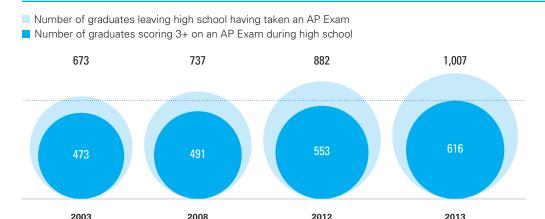
The AP Honor Roll

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 North Dakota: 2

Fargo School District No. 1* West Fargo School District 6

FIGURE 1 Growth in AP® Participation and Success



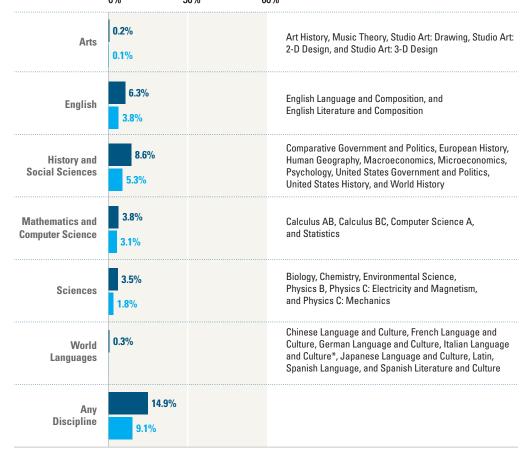
More graduates

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 North Dakota Graduating Class 0% 30% 60%



Total Number of Graduates: 6,769

History and Social Sciences

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

n 1	0.11	N (=					0, 1	- ^					
Rank	Subject	No. of Exams	100%	80%	60%	40%	20%	Exam Sc 0%	ores*	40%	60%	80%	100
	Studio Art: Drawing	8	:	:	:		:	070	2070	1070		5.0	25.0
	Microeconomics	40				:		12.5	17.5		42.5	27.5	
4	Calculus AB	228					8	.8 7.9	16.7	29.8		36.8	
	Calculus BC	27				:		11.1	18.5	25.9		37.0	:
	Macroeconomics	12	:		:			.7 8.3	25.0	16.7	33	3.3	
2	Psychology	265	:	:	:	:	15.1	15.8	26.0	26			:
	Physics C: Mechanics	12				8	3.3	25.0	,	41.7	25.0		
5	English Language and Composition	212				5.2		28.3			22.2 8.0		į
10	Physics B	43				7.0		30.2			.3 9.3		
8	European History	100	:				21.0	17.0			16.0 4.0		:
1	English Literature and Composition	300				1.7		36.7		37.3 16	5.7 7.7		
3	United States History	261				5.4		34.5	25.3		8 8.0		
6	United States Government and Politics	174				9.8	•	30.5	22.4	18.4	19.0		
7	Biology	157				21	7	26.1	32	2.5 8.9 10.	8		:
	Computer Science A	6						50.0	16.7	33.3	Ī		:
9	Chemistry	75	:			29.3		28.0	18.7	17.3 6.7	,	:	
	Spanish Language	13		·			84.6	15.4	:				
	Art History	2											
	Chinese Language and Culture	0											:
	Comparative Government and Politics	0				:			:				
	Environmental Science	0	:										
	French Language and Culture	4					:						:
	German Language and Culture	0							:				
	Human Geography	0					:						
	Italian Language and Culture*	0	:						:		:		
	Japanese Language and Culture	0	:		:							:	:
	Music Theory	0							:				
	Physics C: Electricity and Magnetism	3											:
	Latin	0		:			:		:				:
	Spanish Literature and Culture	0											
	Statistics	1				:	:		:				:
	Studio Art: 2-D Design	2		:		:	:					:	:
	Studio Art: 3-D Design	0	:		:				:		:	:	
	World History	4			:		:		:				:

 $^{\,}$ + 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.

^{*} 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 ...

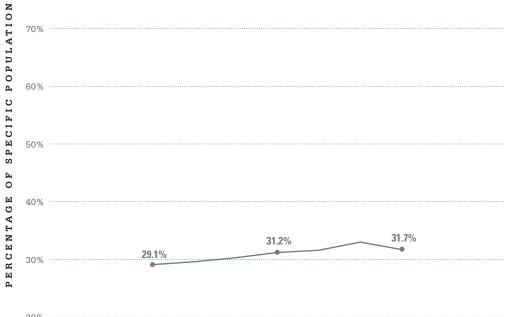
- K-12 students eligible for free or reduced-price lunch*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

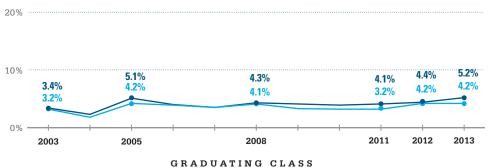
91

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 ...

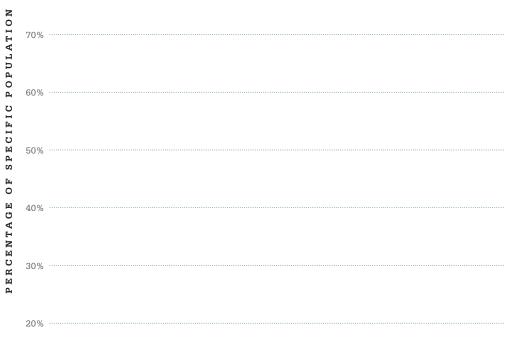
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

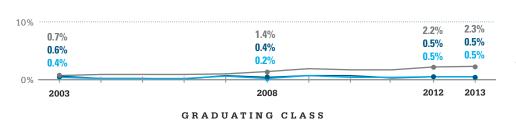
5

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









^{*}Success data omitted when fewer than five graduates took an AP Exam.

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

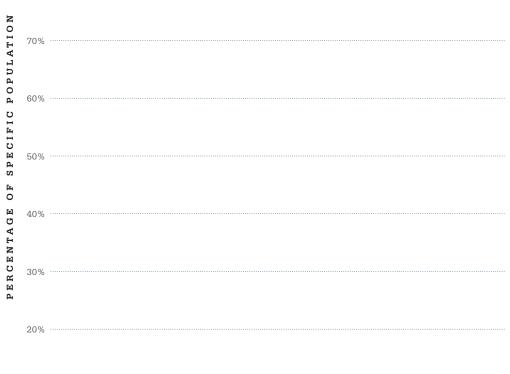
80%

90%

16

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





^{*}Success data omitted when fewer than five graduates took an AP Exam.

^{10%} 1.7% 1.5% 0.9% 1.1% 1.6% 0.9% 0.6% 0.2% 1.3% 0.9% 0.4% 0.1% 2012 2013 2003 2008 GRADUATING CLASS

American Indian/ Alaska Native

FIGURE 7 Trends in AP Exam Participation and Success

The percentage or number of ...

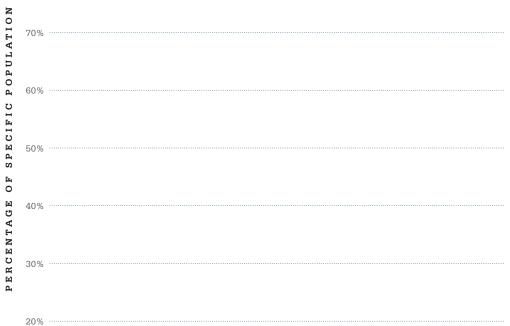
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native



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

90%	
80%	

	2003		2012	
•	421	357	442	427
•	5	2	8	8
•	2	*	6	5





^{*}Success data omitted when fewer than five graduates took an AP Fxam

Asian/Asian American/ Pacific Islander

FIGURE 8 Trends in AP Exam Participation and Success

The percentage or number of ...

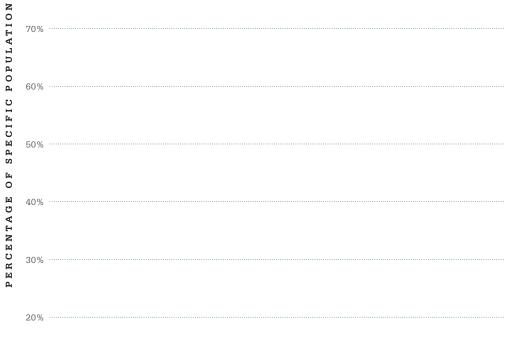
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

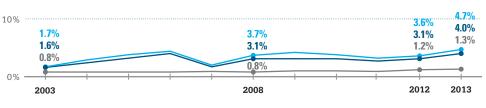
40

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



	2003		2012	
•	68	55	80	91
•	11	23	27	40
•	8	18	20	29



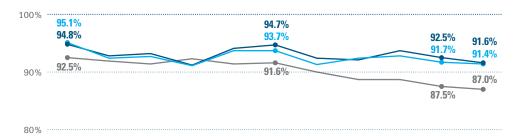


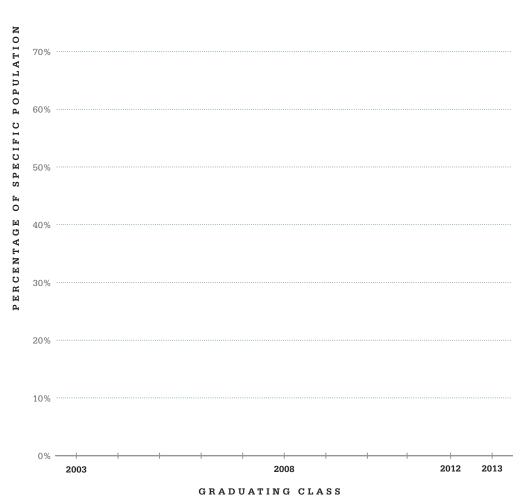
White

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





922

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

	2003	2008	2012	2013
•	7,553	6,410	5,939	5,886
•	638	698	816	922
•	450	460	507	563



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