

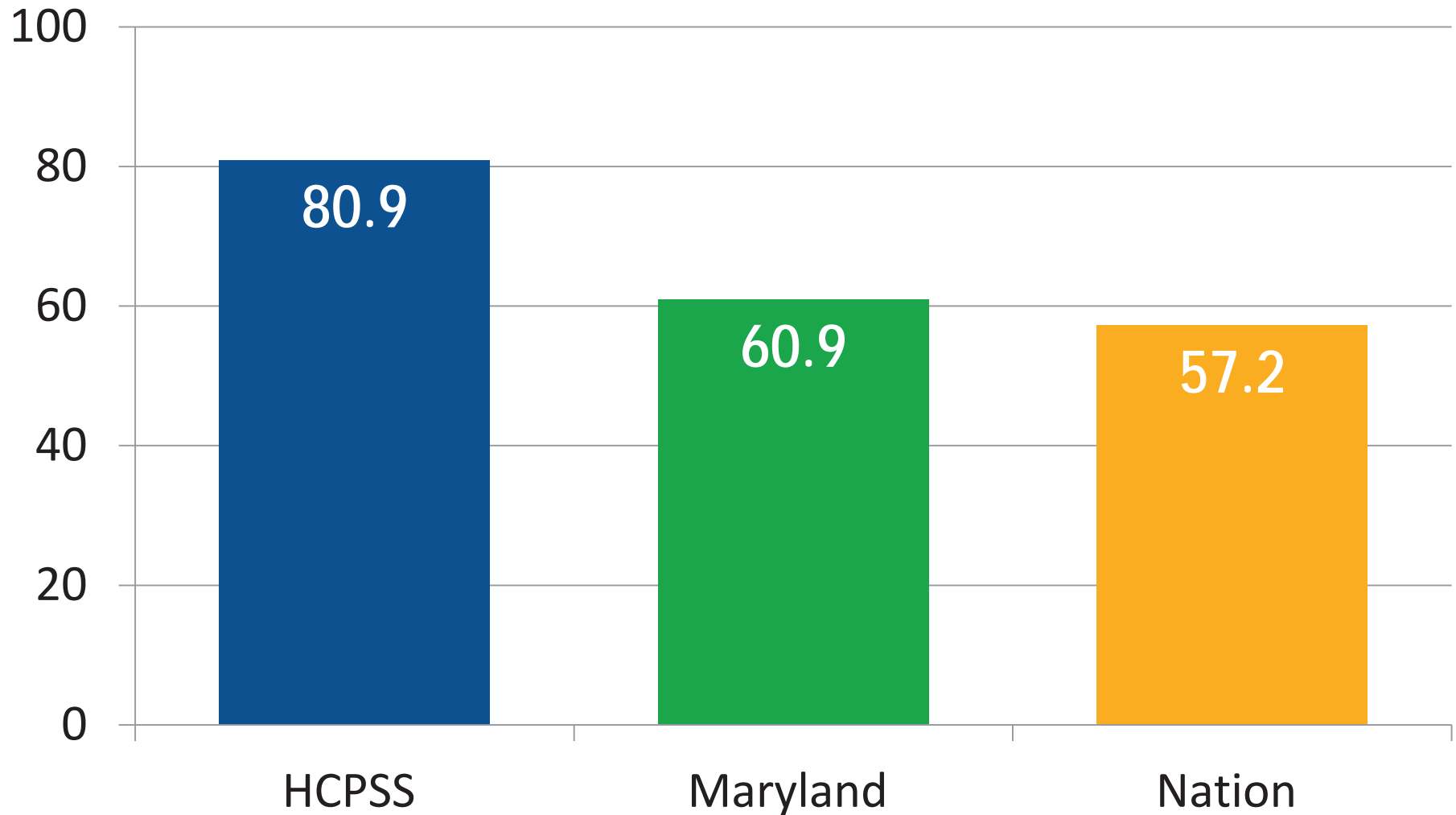
# 2014 Advanced Placement Data

## Howard County Public School System



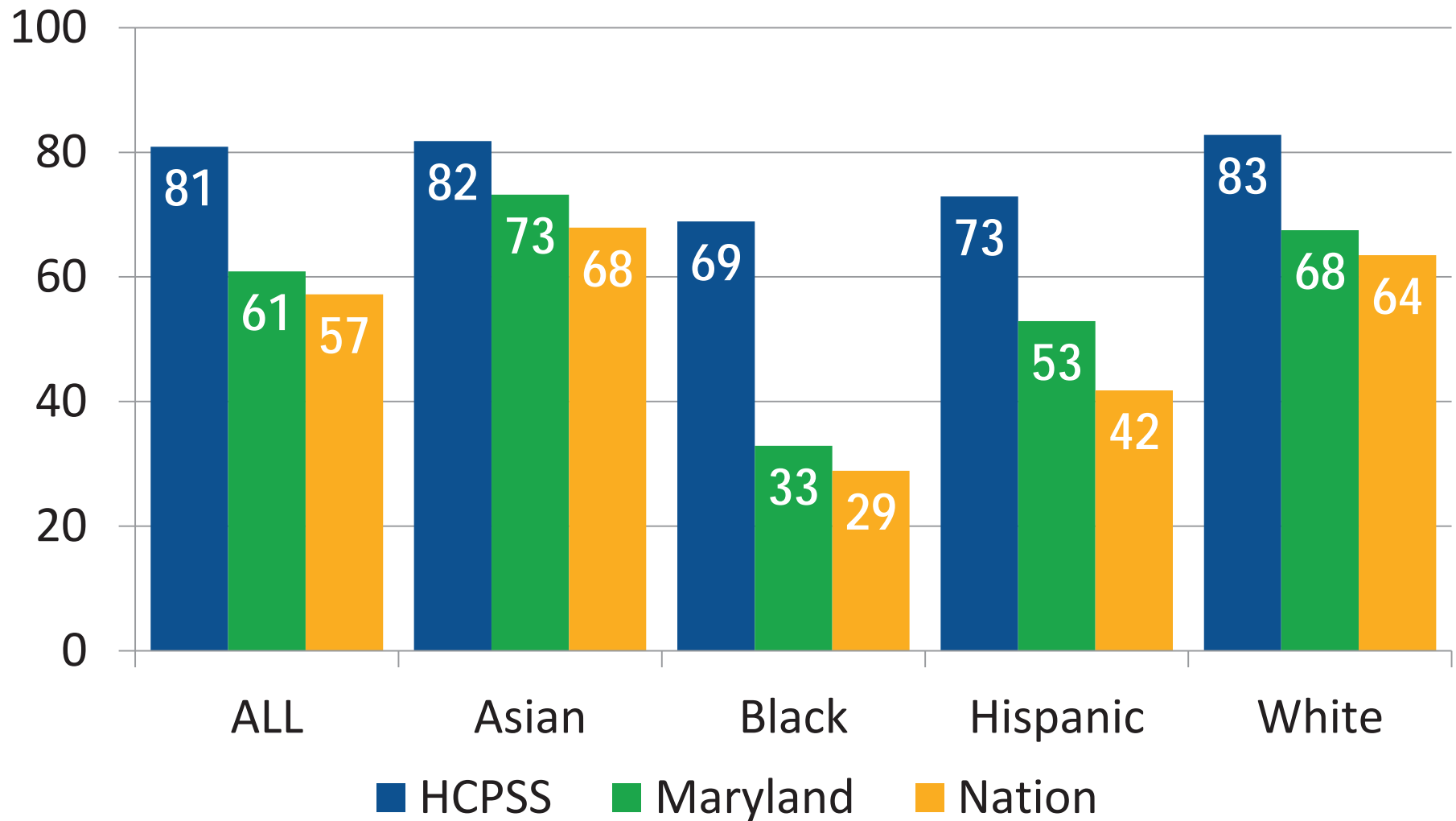
# Percent of AP Exams Scoring 3 or Higher

## HCPSS, Maryland, and the Nation



# Percentage of AP Exams with Scores of 3 or Higher for Public School Students by Race/Ethnicity

## HCPSS, Maryland, and the Nation, 2014



# AP Course Enrollment

Number of Students Enrolled in One or More AP Courses

School Year	N/Students
-------------	------------

2010	4,323
------	-------

2011	4,376
------	-------

2012	4,734
------	-------

2013	5,357
------	-------

2014	5,189
------	-------

5 Year Change	+ 866
---------------	-------

1 Year Change	- 168
---------------	-------



# AP Test Takers

Number of Students Taking One or More AP Exam

School Year	N/Test Takers
-------------	---------------

2010	3,376
------	-------

2011	3,688
------	-------

2012	3,831
------	-------

2013	4,249
------	-------

2014	4,286
------	-------

5 Year Change	+ 910
---------------	-------

1 Year Change	+ 37
---------------	------



# AP Exams Taken

Number of Exams Taken

School Year	N Exams
2010	7,140
2011	7,895
2012	8,183
2013	9,200
2014	9,450
5 Year Change	+ 2,310
1 Year Change	+ 250



# AP Exam Performance

Percentage of Passing Scores ( $\geq 3$ )

School Year	% Passing
-------------	-----------

2010	81.1
------	------

2011	81.5
------	------

2012	82.0
------	------

2013	81.6
------	------

2014	80.9
------	------

5-Year Change	-0.2% pts
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1-Year Change	-0.7% pts
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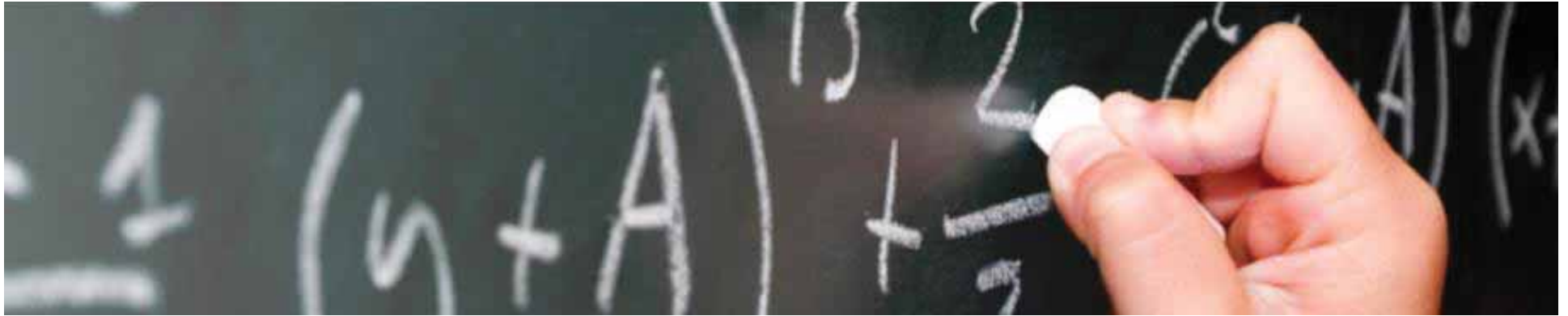
# AP Course Enrollment by Racial/Ethnic Group

*N* Enrolled in an AP Course

Student Group	2012	2013	2014	2-Year Change
All Students	4,734	5,357	5,189	+ 455
Asian	1,099	1,257	1,253	+ 154
Black/African American	465	543	553	+ 88
Hispanic	252	268	261	+ 9
White	2,664	2,972	2,806	+ 142
Two or More Races	236	297	300	+ 64







## AP Course Enrollment

Percent Students Enrolled in an AP Course by Grade Level

Grade	2012	2013	2014	2-Year Change
All	28.6	32.2	31.9	3.3
12	51.6	57.6	57.1	5.5
11	44.4	48.1	49.0	4.6
10	19.4	23.4	22.6	3.2
9	0.6	0.9	0.2	-0.4



## AP Exams with Scores of 3+ or 4+

School Year	Total $N$ Exams	3+		4+	
		$n$	%	$n$	%
2010	7,140	5,791	81.1	3,970	55.6
2011	7,895	6,436	81.5	4,263	54.0
2012	8,183	6,710	82.0	4,615	56.4
2013	9,200	7,507	81.6	5,078	55.2
2014	9,450	7,648	80.9	5,095	53.9

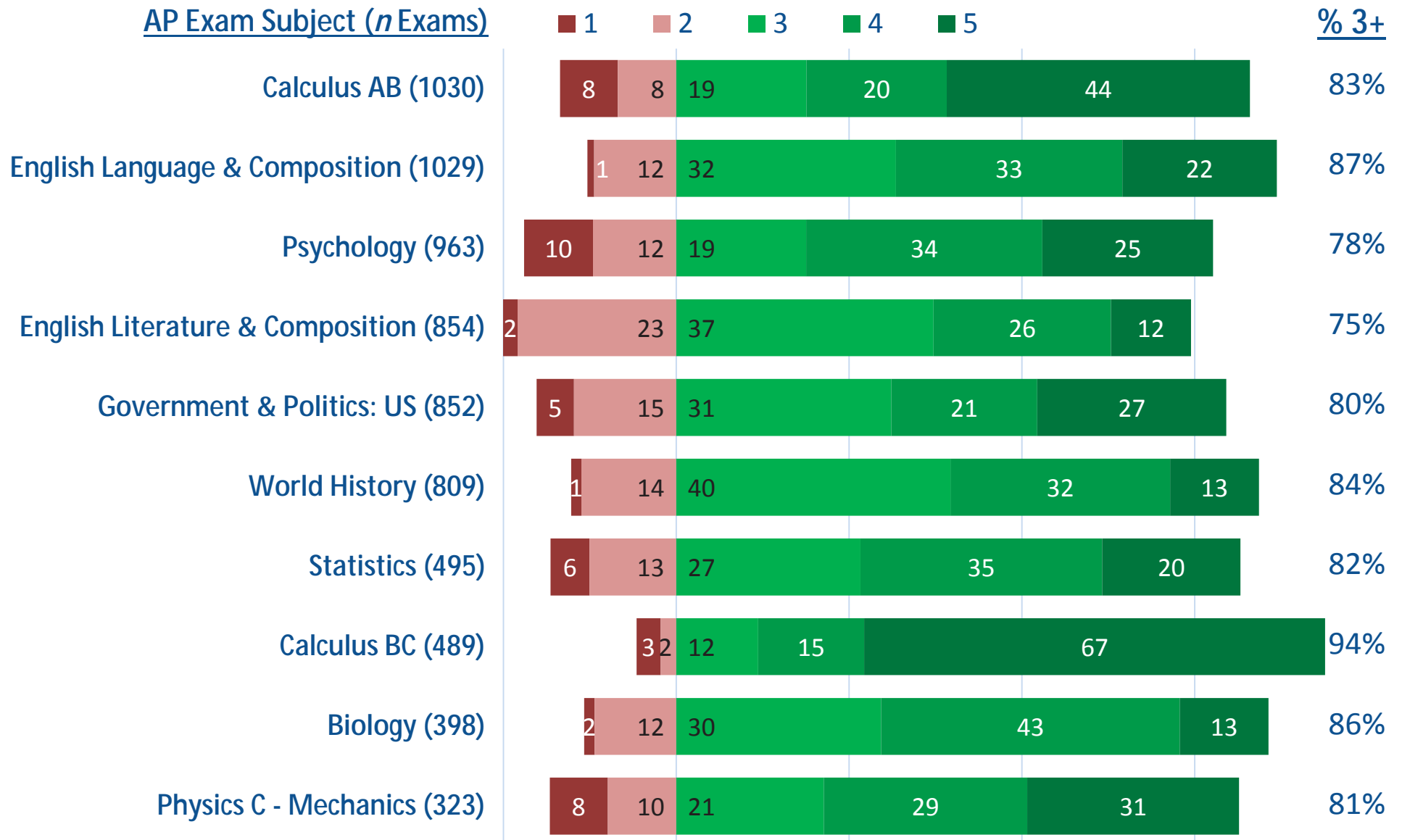


## AP Exams with Scores of 3+ or 4+ by Racial/Ethnic Groups for 2013 and 2014

Student Group	N Exams		Percent 3+		Percent 4+	
	2013	2014	2013	2014	2013	2014
All Students	9,200	9,450	81.6	80.9	55.2	53.9
Asian	2,685	2,875	81.9	81.8	57.4	57.3
Black	639	678	68.5	68.9	36.0	35.5
Hispanic	412	351	74.5	72.9	49.0	43.9
White	4,957	4,969	83.6	82.8	56.7	55.3
Two +	484	548	83.5	79.4	58.1	52.9

# 2014 AP Exam Scores by Subject

## Percent Exams Earning Each Score



# 2013 and 2014 HCPSS Graduates

AP Course Participation

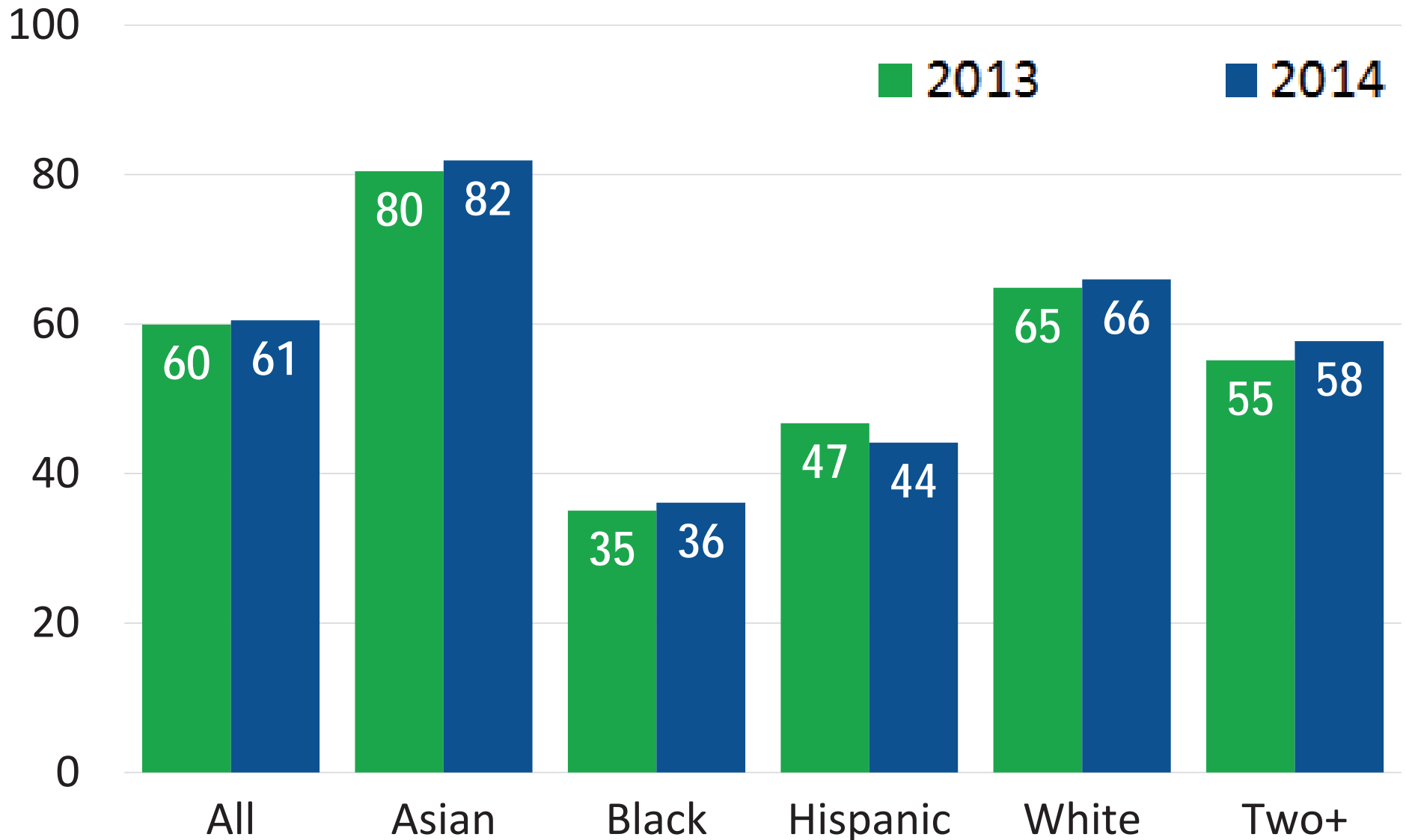
AP Exam Participation

AP Exam Performance



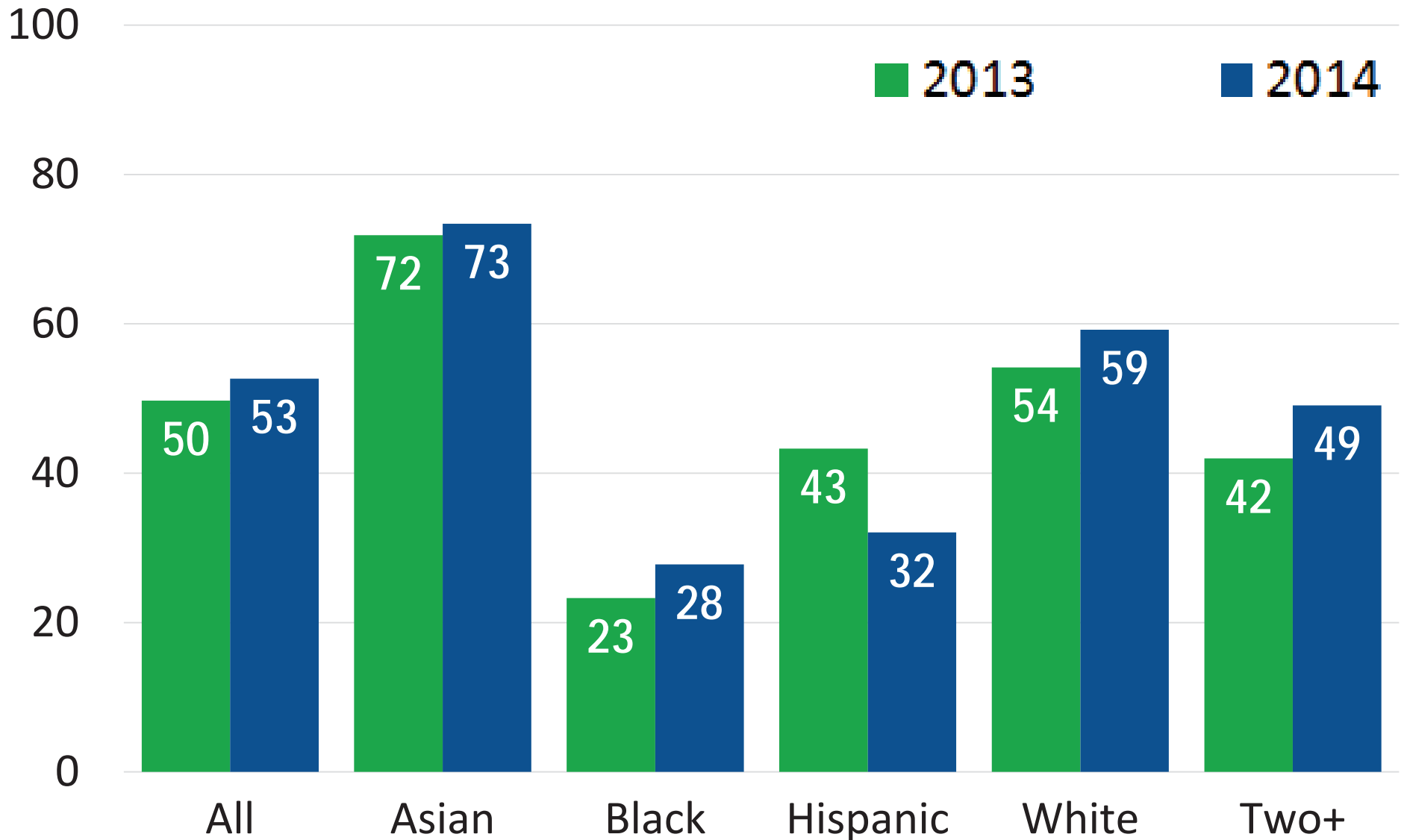
# AP Course Participation

2013 and 2014 Graduates by Racial/Ethnic Group



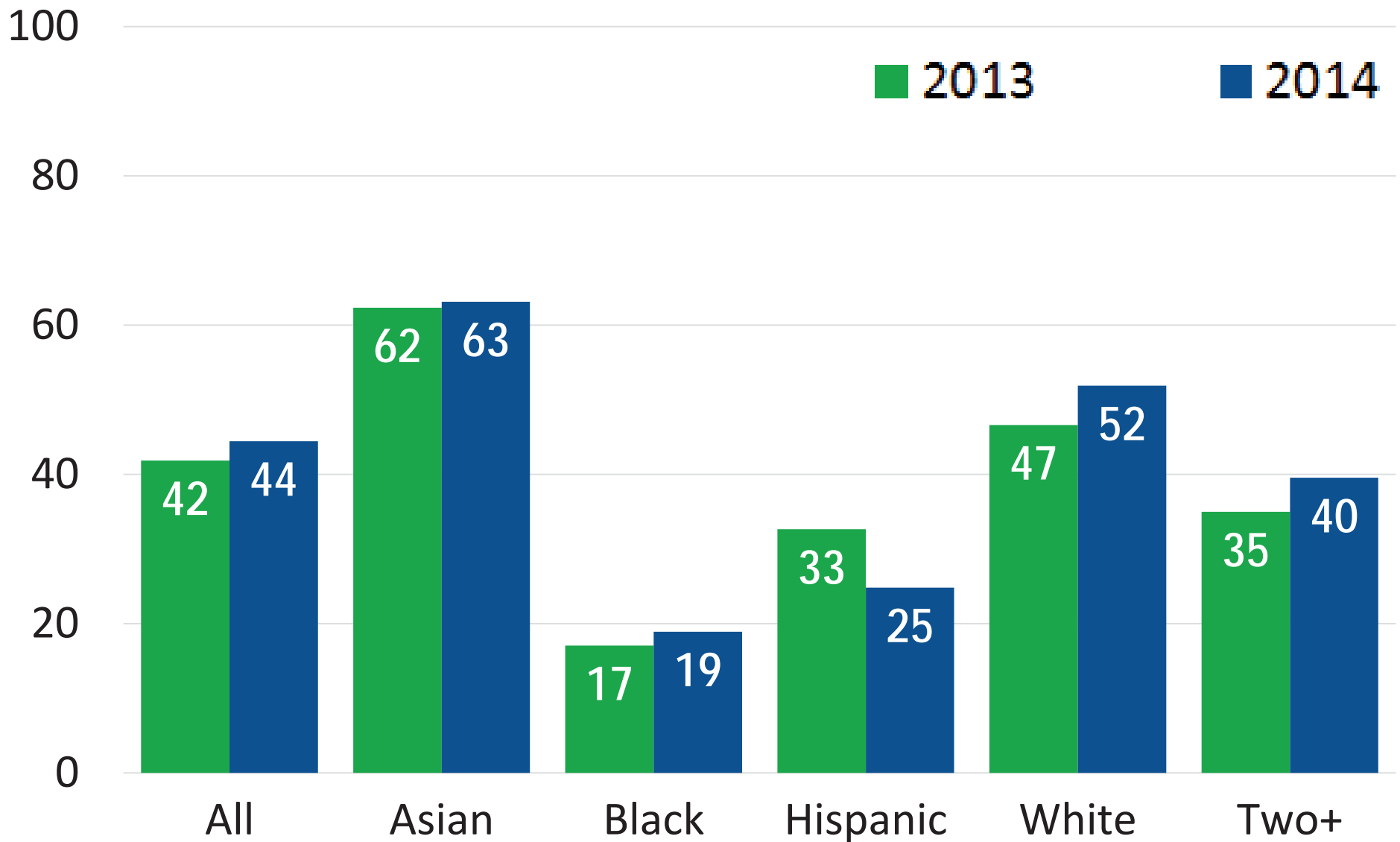
# AP Exam Participation

2013 and 2014 Graduates by Racial/Ethnic Group



# AP Exam Performance 3+

2013 and 2014 Graduates by Racial/Ethnic Group





# 2014 Graduates

## AP Course Participation and Performance

of **3870**  
**Graduates** in the  
HCPSS in SY2014:



▲ 2014 Graduates   ■ % Enrolled in AP   ▲ % Took AP Exam   ▲ % Scored 3+ on AP Exam

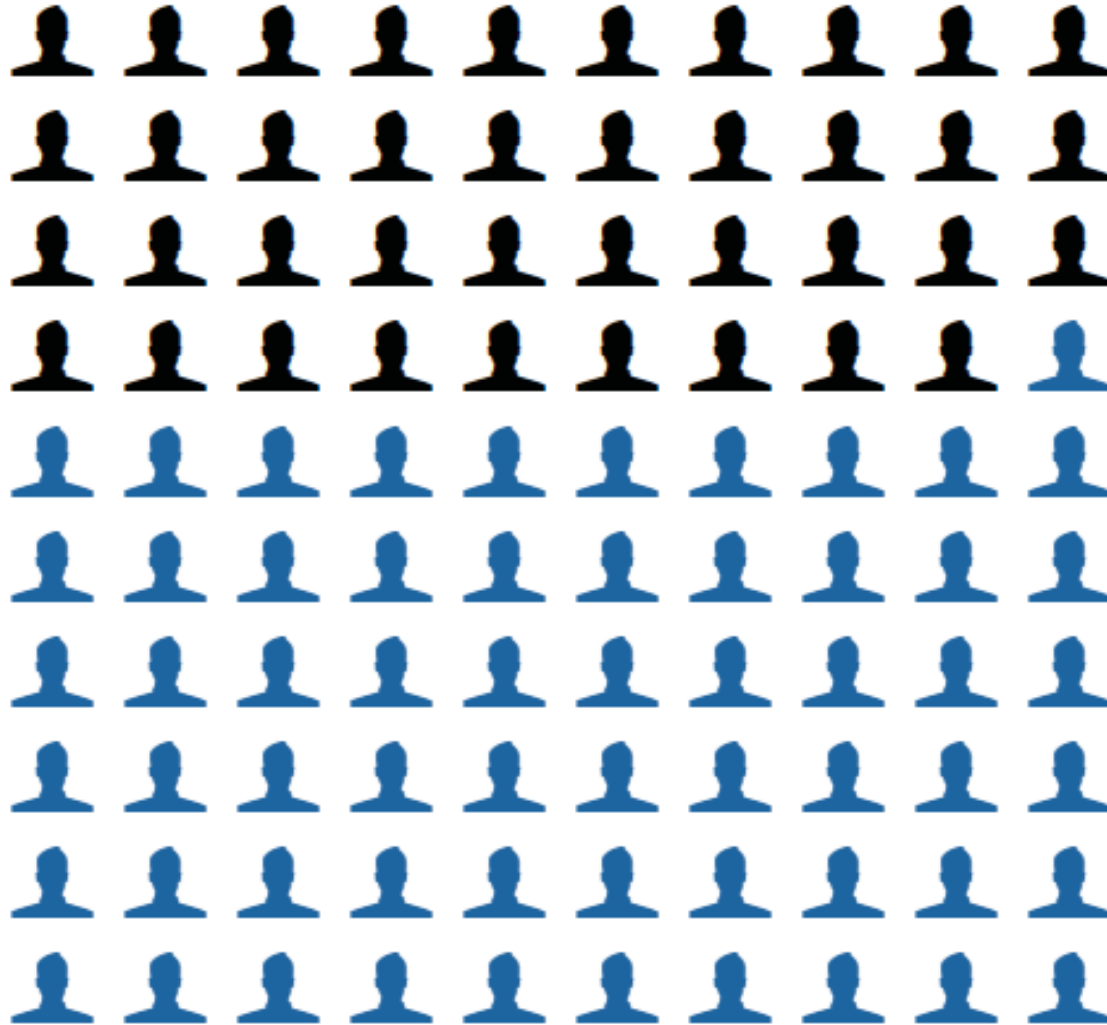
# 2014 Graduates

## AP Course Participation and Performance

of 3870 Graduates  
in the HCPSS in SY2014:

**2342 [61%]**

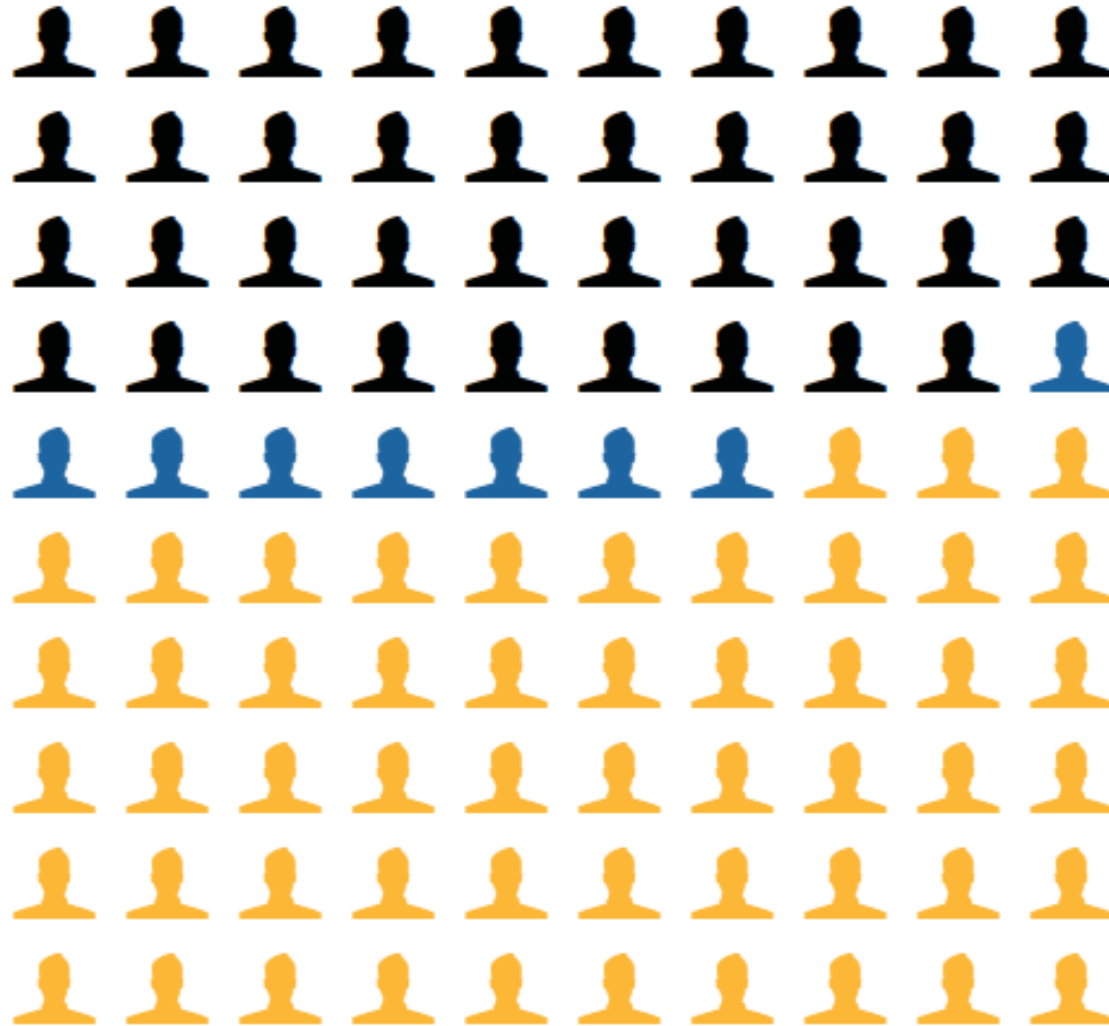
were **enrolled** in an  
**AP course**



▲ 2014 Graduates   ▲ % Enrolled in AP   ▲ % Took AP Exam   ▲ % Scored 3+ on AP Exam

# 2014 Graduates

## AP Course Participation and Performance



of 3870 Graduates  
in the HCPSS in SY2014:

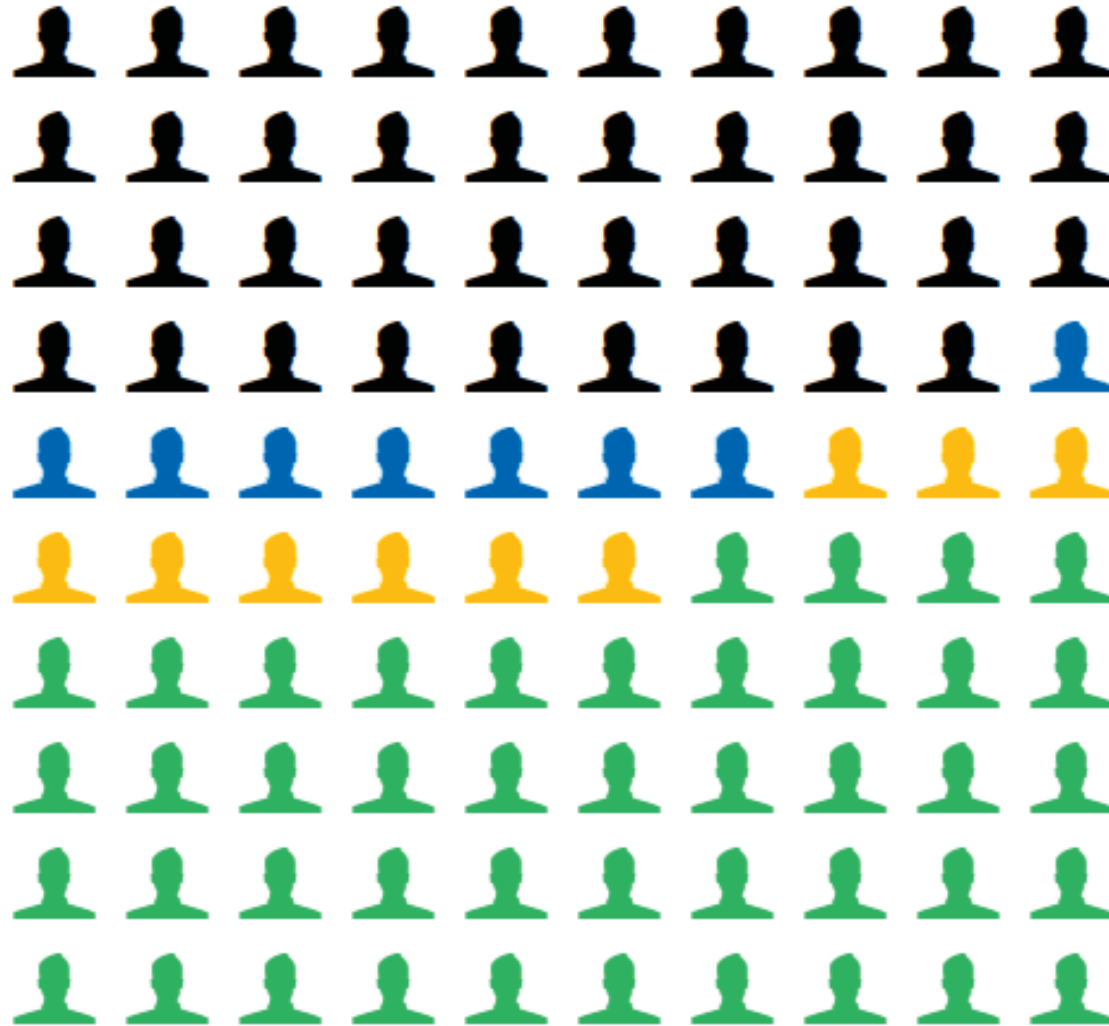
2342 [61%] were  
enrolled in an AP  
course

2038 [53%]  
took at least one AP  
Exam

▲ 2014 Graduates ▲ % Enrolled in AP ▲ % Took AP Exam ▲ % Scored 3+ on AP Exam

# 2014 Graduates

## AP Course Participation and Performance



of 3870 Graduates  
in the HCPSS in SY2014:

2342 [61%] were  
enrolled in an AP  
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2038 [53%] took at  
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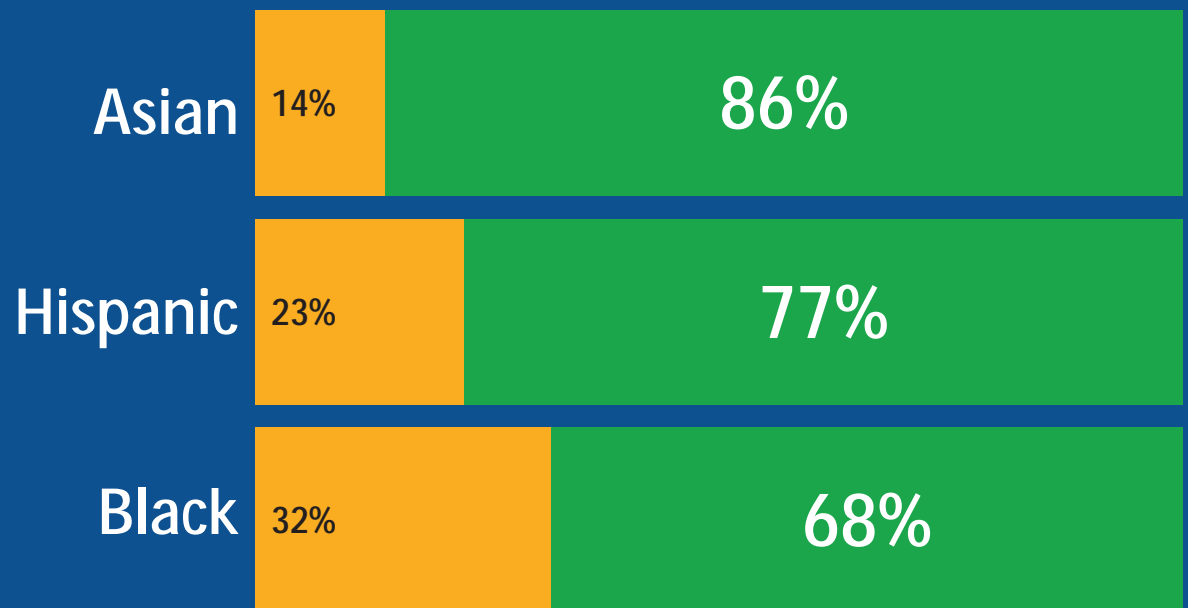
1720 [44%]  
scored 3 or higher  
on an AP Exam

▲ 2014 Graduates ▲ % Enrolled in AP ▲ % Took AP Exam ▲ % Scored 3+ on AP Exam

# AP Exam Participation & Test Takers' Performance

About **3 in 4 Asian** graduates,  
about **1 in 3 Hispanic** graduates, and  
more than **1 in 4 Black** graduates  
took at least one AP exam.

Of those who  
took an AP exam,  
the majority  
scored a  
**3 or higher.**



# 5th Annual AP<sup>®</sup> District Honor Roll

HCPSS is one of 547 school districts in the U.S. and Canada being honored by the College Board with placement on the 5th Annual AP<sup>®</sup> District Honor Roll for increasing access to AP course work while simultaneously maintaining or increasing the percentage of students earning scores of 3 or higher on AP Exams.



# Steps to Increase Enrollment

- BTE Objective related to AP/GT/Honors (SIP)
- School improvement objectives related to AP participation and performance
- Schools have PLCs related to AP participation and performance
- Schools use AP Potential data gleaned from PSAT to “invite” students to enroll in AP courses
- AP information sessions for parents & students take place



# Steps to Increase Enrollment



- Schools may conduct preparatory AP “Boot Camps” in summer
- Schools may provide additional financial support through school-based funds
- Schools may have *AP Scholars Program*
- Full suite of course offerings across content areas
- Recruitment of teachers who have content expertise for specific courses (AP Economics, AP Calculus, AP Physics, ...)



# Steps to Increase Enrollment

- Support from curriculum offices for content training, the development of syllabi, and teaching resources
- Increased participation in fee waiver program (from 250-450 in past five years)
- AP Coordinators at each school to facilitate registration, testing, and fee waiver enrollment
- Schools may have AP Vertical Articulation teams; prepares students for skills and content needed for success
- AP Vertical Articulation efforts initiated in middle school pilot this year



# Questions

