

Princeton Public Schools



Live to Learn, Learn to Live

Achievement
Report 2020-
2021

Discussion Topics

- AP Courses Offered
- Data Analysis – AP, SAT and ACT
- Observations for Continuous Improvement

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AP Review

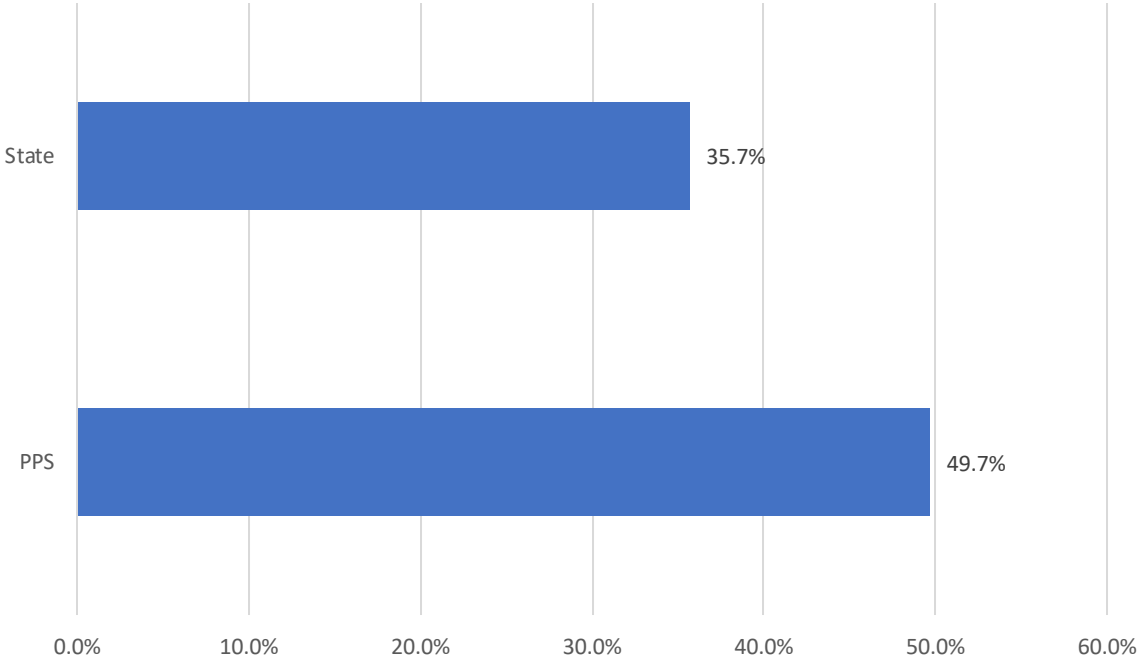
Achievement Report 2020-2021

AP Offerings

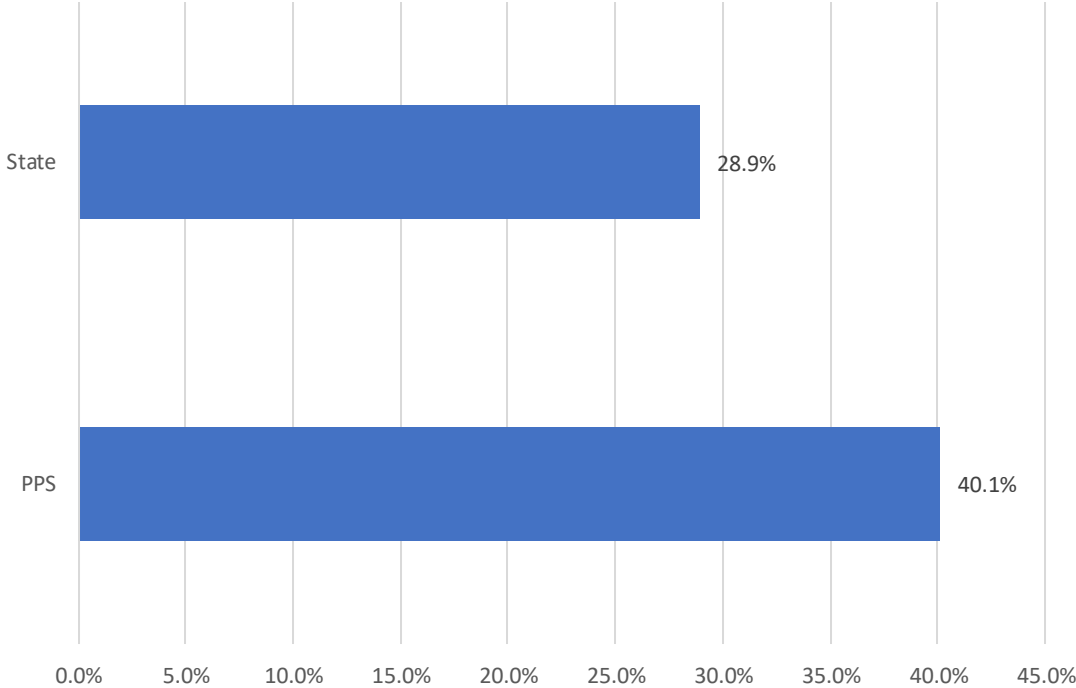
1. 2-D Art Design
2. Art History
3. Biology
4. Calculus AB
5. Calculus BC
6. Chemistry
7. Chinese Language and Culture
8. Comparative Government and Politics
9. Computer Science A
10. Computer Science Principles
11. Drawing
12. English Language and Composition
13. English Literature and Composition
14. Environmental science
15. European History
16. French Language and Culture
18. German Language and Culture
19. Italian Language and Culture
20. Japanese Language and Culture
21. Macroeconomics
22. Microeconomics
23. Music Theory
24. Physics 1
25. Physics C: Electricity & Magnetism
26. Physics C: Mechanics
27. Psychology
28. Spanish Language and Culture
29. Statistics
30. United States Government and Politics
31. United States History
32. World History: Modern

PPS vs. State AP Class Enrollments

Students enrolled in one or more AP Course



Students taking one or more AP exam



Interpretation of AP Scores

AP Score	Meaning	Equivalent College Course Grade	Will this Score receive AP credit?
5	Extremely qualified	A	Usually
4	Well qualified	A-, B+, B	Usually
3	Qualified	B-, C+, C	Maybe
2	Possibly qualified	N/A	Very rarely
1	Not qualified	N/A	No

AP Scores Summary – 2021

Totals	1	2	3	4	5	Total Exams
Number of Exams	54	172	303	430	493	1452
Percentage of Total Exams	4%	12%	21%	30%	34%	100%
Number of AP Students	47	142	237	290	258	

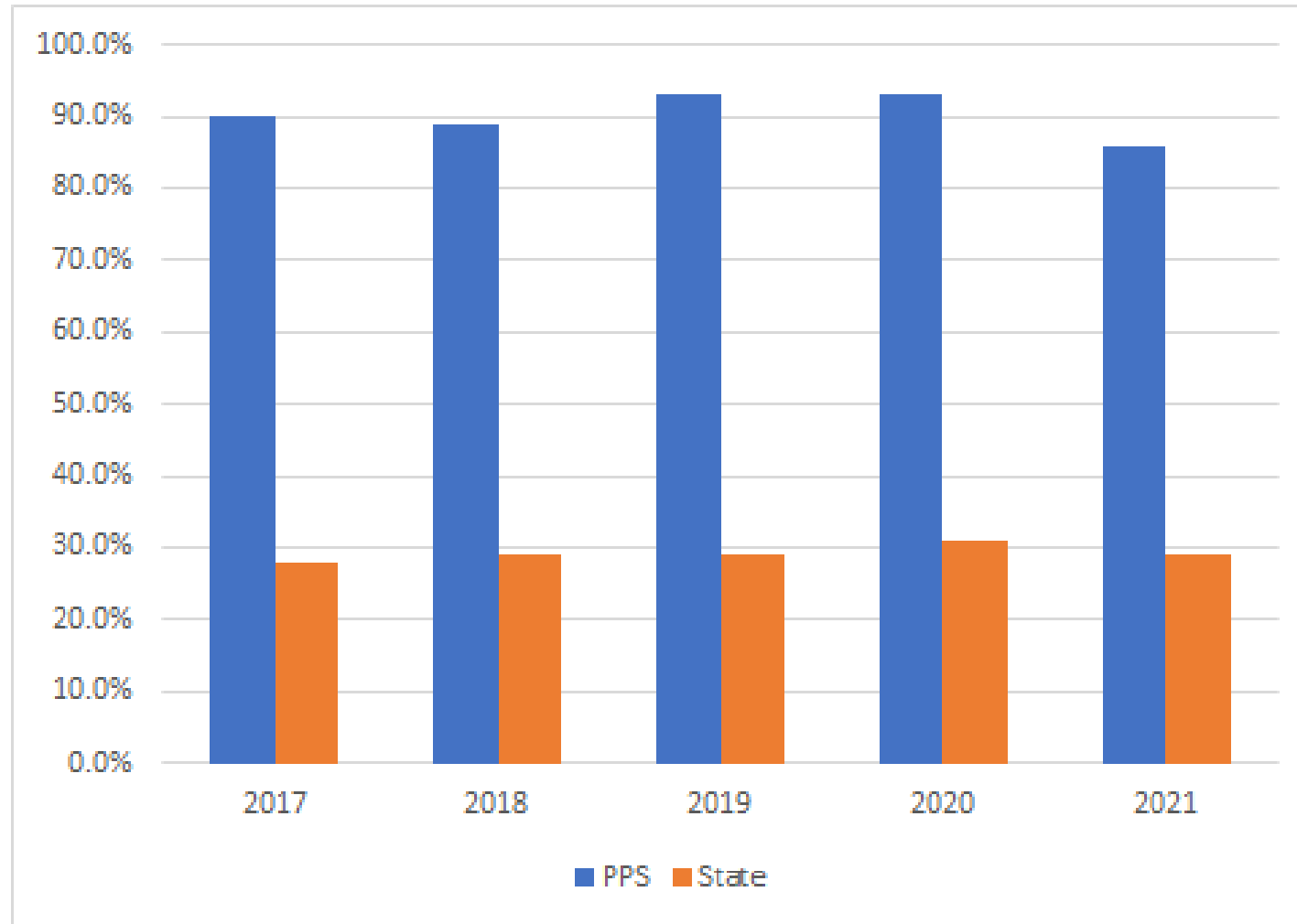
AP Scholar Summary – 2021

	AP Scholar	AP Scholar with Honor	AP Scholar with Distinction	AP International Diploma
Number of Scholars	80	61	175	1
Average Score	3.56	4.03	4.34	3.80

Princeton Public Schools 5-Year AP Scores Summary

Year	2017	2018	2019	2020	2021
Total # of AP Students	710	679	612	656	613
Number of Exams	1684	1591	1478	1605	1452
AP Students with Scores 3+	642	606	569	611	526
% of Total AP Students with Scores 3+	90.42	89.25	92.97	93.14	85.81

AP Scores (3+) Over 5 Years: PPS vs. State



AP Student Test-Takers: Ethnic Distribution

	American Indian or Alaska Native	African American	Asian	Hispanic	White	Two Or More Races	No Response	Total AP Test-Takers
Total # of Students enrolled in PHS	0	67	399	185	766	102	0	-
Total # of Students who took an AP Exam	0	10	212	51	270	44	24	613
% of Total # Sub-group Population	100%	15%	53%	27.6%	35%	43%	-	-
Total # of AP Exams	6	27	598	101	548	98	74	1452
Mean Score	3.33	3.15	3.94	3.37	3.69	3.58	4.34	

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SAT Comparison

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SAT Means: 5-Year Comparison

Subject Tested	2017	2018	2019	2020	2021
Mathematics	656	665	653	655	664
Reading/Writing	647	653	640	646	670

2021 SAT Means

2021 Mean Scores State/National Comparison	Evidence-Based Reading & Writing	Mathematics	Total
Princeton High School	664	670	1334
New Jersey	514	540	1081
National	528	523	1051

SAT Participation and Performance PPS vs. Nation 2020-21

SAT	Test Takers				Mean Scores					
	Number		Percent		ERW		Math		Total	
	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National
Total	256	1,509,133			664	533	670	528	1,334	1,060
Took Essay	163	687,305	64%	46%	668	545	678	543	1,345	1,088

SAT Participation and Performance PPS vs. Nation 2020-21 by Sub-Group

Race/Ethnicity	Test Takers				Mean Scores					
	Number		Percent		ERW		Math		Total	
	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National
American Indian/Alaska Native	10,288	10,288	0%	1%	468	468	459	459	927	927
Asian	75	167,208	29%	11%	690	597	735	642	1425	1239
Black/African American	10	168,454	4%	11%	612	477	554	457	1166	934
Hispanic/Latino	21	352,094	8%	23%	629	490	616	477	1245	967
Native Hawaiian/Other Pacific Islander	0	3,015	0%	0%	481	481	469	469	950	950
White	121	635,486	47%	42%	655	562	646	550	1302	1112
Two or More Races	22	54,961	9%	4%	683	565	695	551	1377	1116
No Response	6	117,627	2%	8%	483	483	493	493	976	976

SAT Participation and Performance: PPS vs. Nation Score Distribution 2020-21

	Total Score			
	Number of Students		Percent	
	PPS	National	PPS	National
1400-1600	105	118,704	41%	8%
1200-1390	98	296,187	38%	20%
1000-1190	45	477,893	18%	32%
800-990	8	437,359	0%	29%
600-790	0	174,343	0%	12%
400-590	0	4,647	0%	0%
Mean	1334	1,060		

SAT Participation and Performance: PPS vs. Nation Score Distribution 2020-21

	ERW		Percent		Math		Percent	
	PPS	National	PPS	National	PPS	National	PPS	National
700-800	101	118,165	39%	8%	112	155,923	44%	10%
600-690	106	325,305	41%	22%	81	260,461	32%	17%
500-590	42	474,328	16%	31%	51	471,355	20%	31%
400-490	7	436,012	0%	29%	9	395,607	4%	26%
300-390	0	147,965	0%	10%	3	214,396	0%	14%
200-290	0	7,358	0%	0%	0	11,391	0%	0%
Mean	664	533			670	528		

SAT ERW Participation and Performance: PPS vs. Nation Score Distribution by Subgroup 2020-21

	American Indian		Asian		African American		Hispanic		Native Hawaiian		White		Two or More Races	
	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National
700-800	0%	2%	59%	20%	0%	2%	24%	3%	0%	3%	31%	9%	45%	12%
600-690	0%	8%	27%	33%	70%	10%	48%	12%	0%	10%	48%	28%	45%	28%
500-590	0%	25%	13%	28%	30%	27%	24%	29%	0%	26%	17%	36%	9%	34%
400-490	0%	43%	1%	15%	0%	43%	5%	40%	0%	44%	3%	21%	0%	22%
300-390	0%	22%	0%	3%	0%	18%	0%	16%	0%	17%	0%	4%	0%	5%
200-290	0%	1%	0%	0%	0%	1%	0%	1%	0%	1%	0%	0%	0%	0%

SAT Math Participation and Performance: PPS vs. Nation Score Distribution by Subgroup 2020-21

	American Indian		Asian		African American		Hispanic		Native Hawaiian		White		Two or More Races	
	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National	PPS	National
700-800	0%	2%	75%	39%	0%	2%	24%	3%	0%	3%	31%	9%	50%	12%
600-690	0%	6%	17%	28%	20%	7%	33%	9%	0%	7%	40%	23%	41%	21%
500-590	0%	25%	7%	22%	60%	24%	29%	29%	0%	27%	25%	39%	9%	35%
400-490	0%	38%	1%	9%	10%	37%	5%	36%	0%	36%	4%	22%	0%	23%
300-390	0%	27%	0%	3%	10%	28%	10%	22%	0%	26%	0%	7%	0%	8%
200-290	0%	2%	0%	0%	0%	2%	0%	1%	0%	1%	0%	0%	0%	0%

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ACT Comparison

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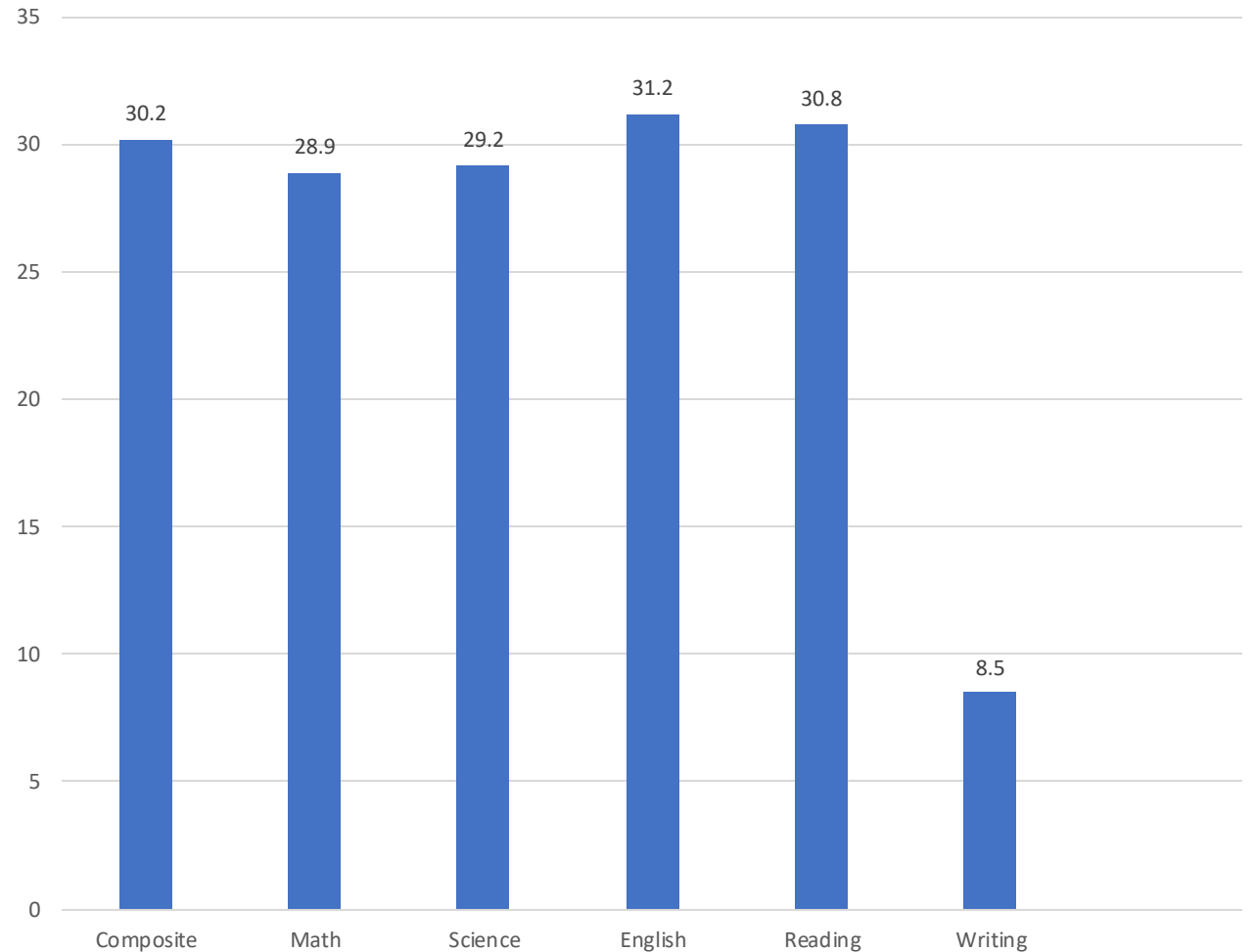
ACT Means: 5-Year Comparison

Subject Tested	2017-18	2018-19	2019-20	2020-21	2021-22
Number of Students	364	236	170	227	47
Composite Mean Score	28.2	28.3	29	29.3	30.2
Mathematics	27.1	27.5	28.1	28.6	28.9
Science	27.1	27.5	28.4	28.6	29.2
English	29.1	28.7	29.6	30	31.2
Reading	28.3	28.9	29.7	29.4	30.8
Writing*	8.3	8.5	8.3	8.7	8.5

*For Writing the scores are out of 12

PPS ACT Means 2021

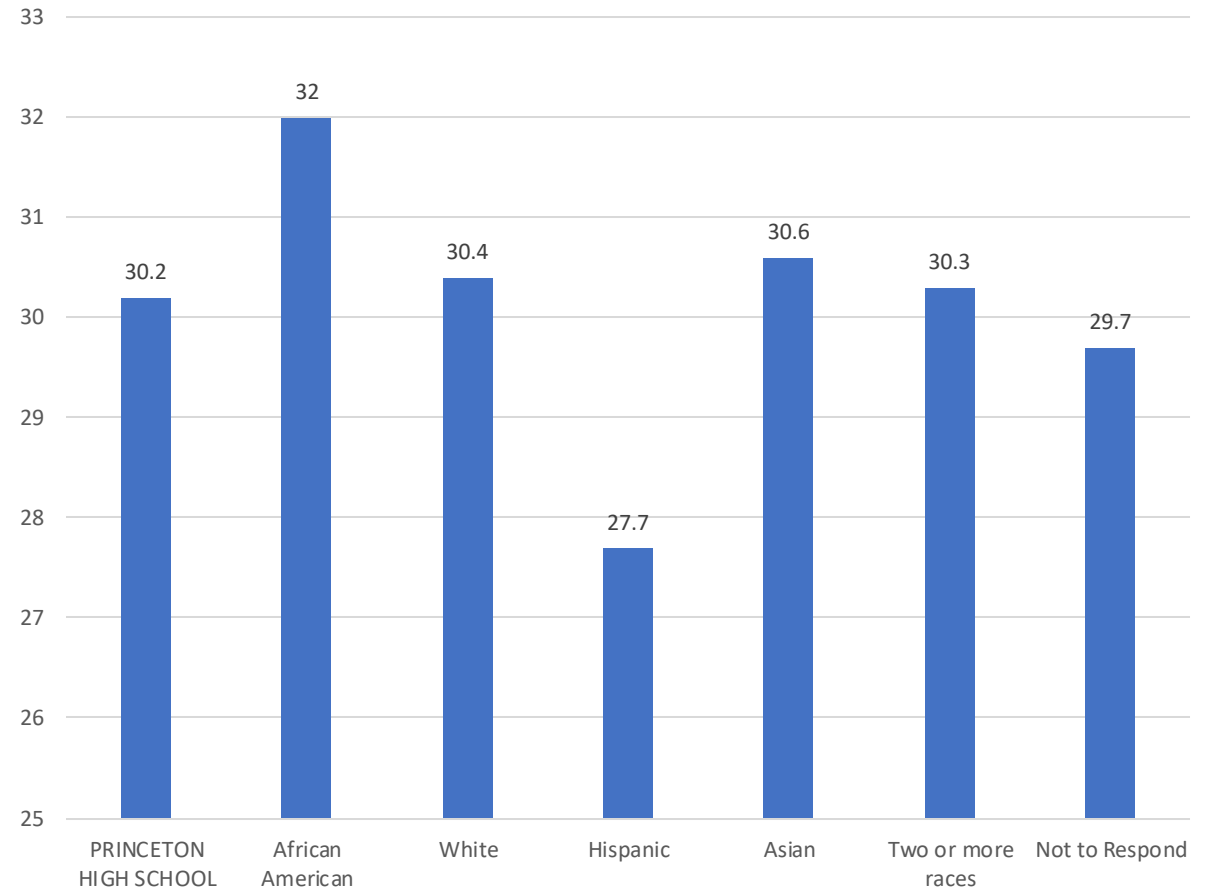
Subject	Mean Composite Score	Number of Students
Composite	30.2	47
Math	28.9	47
Science	29.2	47
English	31.2	47
Reading	30.8	47
Writing*	8.5	11



*For Writing the scores are out of 12.

PPS ACT Means by Sub-Group 2021

Group	Mean Composite Score	Number of Students
PRINCETON HIGH SCHOOL	30.2	47
African American	32	6
White	30.4	19
Hispanic	27.7	6
Asian	30.6	14
Two or more races	30.3	6
No Response	29.7	6



Continuous Improvement Goals

- Enhance accessibility to AP classes
- Enable and promote more students to take the AP exam
- Conduct score analysis by department for program improvement
- Provide professional growth opportunities for AP teachers