

QCHS Advanced Placement Summary

2019-2020



2020 Advanced Placement Data

- Mean data is not yet available for 2019-2020 assessments nationally as late replacement testing is still being scored.
- Distributions of 2019-2020 test scores (at this moment) were accumulated by College Board tweets found on this [website](#).



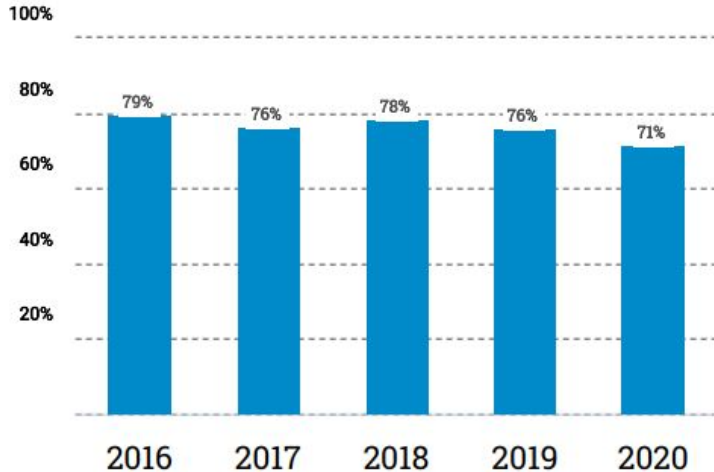
Summary

- Currently offer 31 AP courses in the 2020-2021 Program of Studies.
- Offered 4 new AP courses/tests in 2019-2020
 - AP Chinese Language and Culture
 - AP Spanish Literature and Culture
 - AP Physics C Electricity and Magnetism
 - AP Physics C Mechanics
- Increased from 629 total tests taken in 2018-2019 to **819** total tests taken in 2019-2020.
- Increased the number of tests taken in 13 of the 26 tested subjects from 2018-2019.
 - 8 of the remaining 13 had a decrease of less than 3 tests per course.
- The mean average score of 13 tests in QCSD outpaced the state and national mean scores.



	2016	2017	2018	2019	2020
Total # of AP Students	384	416	369	362	398
# of exams	647	764	646	629	819
AP Students w Scores of 3+	305	317	288	274	284
% of Total AP Students w/ Scores 3+	79.4%	76.2%	78.0%	75.7%	71.4%

n|| % OF TOTAL AP STUDENTS WITH SCORES 3+



Overall

- We saw an increase in overall AP tests taken in 2019-2020 (highest total ever) despite the Covid related challenges.
- We saw an increase in the number of overall tests earning a 3+ (from 2018-2019) with a decrease in overall % of tests scoring a 3+.
- The QCHS team has identified points of pride and areas for growth in individual courses.



Individual Course Summaries

- 5 year data trend (where available)
- Differences between 2018-2019 and 2019-2020.
- Percentage of QCSD 3+ scores compared to PA and National percentages.



AP Art History

Score	2016	2017	2018	2019	2020
1	-	-	1	-	-
2	-	-	-	-	1
3	-	2	1	-	1
4	-	2	1	1	-
5	-	2	1	1	-
Total Exams	-	4	4	1	2
Mean score	-	4.5	3.25	5.0	3.0

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
1	-2	-50%

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
50%	69.9%	67.9%



AP Biology

Score	2016	2017	2018	2019	2020
1	-	-	-	-	-
2	-	4	3	2	-
3	1	5	7	4	5
4	2	1	4	2	7
5	1	-	2	2	-
Total Exams	4	10	16	10	12
Mean score	4.0	2.7	3.31	3.4	3.58

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
2	0.18	20%

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
100%	74.5%	68.5%



AP Calculus AB

Score	2016	2017	2018	2019	2020
1	20	5	5	2	10
2	6	17	14	7	16
3	5	8	5	10	8
4	6	5	4	2	6
5	2		3	3	11
Total Exams	39	35	31	24	51
Mean score	2.08	2.37	2.55	2.88	2.84

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
27	-0.04	-13.5

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
49%	65%	59.9%



AP Calculus BC

Score	2016	2017	2018	2019	2020
1					
2		1	1		1
3	2	7	2		
4	4	3		4	2
5	9	2	4	7	5
Total Exams	15	13	7	11	8
Mean score	4.47	3.46	4.00	4.64	4.38

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-3	-0.26	-12.5

% of 3+ QCSD	% of 3%+ PA	% of 3+ National Avg
87.5%	84.1%	80.8%



AP Calculus BC: AB Subscore

Score	2016	2017	2018	2019	2020
1					
2		2			
3		3	4	2	
4	5	4	1	2	
5	7	3	4	9	
Total Exams	15	13	7	11	
Mean score	4.27	3.62	4.29	4.82	

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-11	-4.82	-100%

% of 3+ QCSD	% of 3%+ PA	% of 3+ National Avg
N/A	N/A	N/A



AP Chemistry

Score	2016	2017	2018	2019	2020
1				3	1
2	1	2		2	1
3	3	2	2	3	1
4		2	2	1	3
5		2	2	1	
Total Exams	4	8	6	10	6
Mean score	2.75	3.50	4.00	2.50	3.00

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-4	0.5	16.7

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
66.7%	60.9%	55.1%



AP Chinese Language and Culture

Score	2016	2017	2018	2019	2020
1					
2					1
3					5
4					1
5					4
Total Exams					11
Mean score					3.73

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-	-	-

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
81.8%	88.7%	88.6%



AP Computer Science A

Score	2016	2017	2018	2019	2020
1	1		1		3
2		1			
3	1	6	5		1
4			3		1
5	1				1
Total Exams	3	7	9		6
Mean score	3.00	2.86	3.11		2.50

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-	-	-
% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
57.1%	71.2%	69.3



AP Computer Science Principles

Score	2016	2017	2018	2019	2020
1				1	
2				1	2
3				1	1
4					
5					
Total Exams				3	3
Mean score				2.00	2.33

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
3	2.33	33.3

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
33.3%	75%	86.7%



AP English Language and Composition

Score	2016	2017	2018	2019	2020
1	1		2		4
2	18	20	15	23	11
3	30	27	17	18	20
4	21	17	20	17	20
5	11	6	10	7	12
Total Exams	81	70	64	65	67
Mean score	3.28	3.13	3.33	3.12	3.37

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
0	0.25	12.3

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
76.9%	71.4%	62%



AP English Literature and Composition

Score	2016	2017	2018	2019	2020
1		1			
2	11	9	8	7	11
3	21	21	13	15	15
4	9	9	6	7	9
5	5	6		7	3
Total Exams	46	46	27	36	38
Mean score	3.17	3.22	2.93	3.39	3.11

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
2	-0.28	-9.5

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
71.1%	66.7%	60.1%



AP Environmental Science

Score	2016	2017	2018	2019	2020
1			1		1
2		3	7	1	7
3	2	1	5	1	3
4	2	1	5	1	5
5				1	
Total Exams	4	5	18	4	16
Mean score	3.5	2.6	2.78	3.5	2.75

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
12	-0.75	-25

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
50%	63.9%	53.1%



AP European History

Score	2016	2017	2018	2019	2020
1	1				
2	33	1	3		1
3	30	2	1		3
4	6	4	1	4	2
5	3			3	1
Total Exams	73	7	5	7	5
Mean score	2.68	3.42	2.60	4.43	3.60

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-2	-0.83	-20

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
80%	69.2%	59.3%



AP German Language and Culture

Score	2016	2017	2018	2019	2020
1					
2				2	1
3				1	1
4				1	
5					
Total Exams				4	2
Mean score				2.75	2.5

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-2	-0.25	0

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
50%	78.5%	73.8%



AP Human Geography

Score	2016	2017	2018	2019	2020
1		5	1	5	13
2	3	15	6	6	9
3	11	22	16	15	14
4	35	18	20	21	6
5	17	9	14	6	1
Total Exams	66	69	57	53	43
Mean score	4.00	3.16	3.7	3.32	2.37

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
6	-0.98	-33.4

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
45.8%	75.5%	58.2%



AP Macroeconomics

Score	2016	2017	2018	2019	2020
1		1			1
2		5	2	1	3
3		6	3		5
4		10	2	4	6
5		2	1	1	3
Total Exams		24	8	6	18
Mean score		3.29	3.25	3.83	3.39

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
11	-0.36	-0.9

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
82.4%	77.4%	62.6%



AP Microeconomics

Score	2016	2017	2018	2019	2020
1			1		2
2		3	2	1	2
3		7	2		5
4		8	4	2	6
5		4	1	2	1
Total Exams		22	10	5	16
Mean score		3.59	3.20	4.00	3.13

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
11	-0.87	-5

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
75%	74.1%	68.3%



AP Music Aural Subscore

Score	2016	2017	2018	2019	2020
1					
2			1		
3	1	4	1		
4	2	2	2		
5		2	1	3	
Total Exams	3	8	5	3	
Mean score	3.67	3.75	3.60	5.00	

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-	-	-

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
N/A	N/A	N/A



AP Music Non-Aural Subscore

Score	2016	2017	2018	2019	2020
1					
2					
3	1	4	2	1	
4	1	3	2	2	
5	1	1	1	3	
Total Exams	3	8	5		
Mean score	4.00	3.63	3.80	4.67	

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-	-	-

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
N/A		N/A



AP Music Theory

Score	2016	2017	2018	2019	2020
1					
2					
3	1	3	2		3
4	2	4	2		
5		1	1	3	3
Total Exams	3	8	5	3	6
Mean score	3.67	3.75	3.80	5.0	4.00

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
3	-1	0

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
100%	73.7%	67.9%



AP Physics 1

Score	2016	2017	2018	2019	2020
1	5	10	6	4	6
2	7	19	16	14	11
3	10	12	4	11	7
4	3	4	3	5	2
5	1	1			
Total Exams	26	46	29	34	26
Mean score	2.54	2.28	2.14	2.50	2.19

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-8	-0.31	-12.5

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
34.6%	56.4%	50.9%



AP Physics 2

Score	2016	2017	2018	2019	2020
1				1	
2				1	1
3			3	1	2
4				1	
5				1	
Total Exams			3	5	3
Mean score			3.00	3.00	2.67

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-2	-0.33	6.7

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
66.7%	71.9%	72.5%



AP Physics: Electricity and Magnetism

Score	2016	2017	2018	2019	2020
1					
2					2
3					1
4					
5					
Total Exams					3
Mean score					2.33

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
N/A	N/A	N/A

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
33.3%	76.2%	72.6%



AP Physics C: Mechanics

Score	2016	2017	2018	2019	2020
1					
2					1
3					2
4					
5					2
Total Exams					5
Mean score					3.60

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
N/A	N/A	N/A

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
80%	85.4%	82.9%



AP Psychology

Score	2016	2017	2018	2019	2020
1	4	6	7	12	26
2	10	16	15	11	10
3	24	21	26	23	25
4	42	28	44	35	17
5	11	15	20	18	6
Total Exams	91	86	112	99	84
Mean score	3.51	3.35	3.49	3.36	2.61

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-14	-0.72	-19.2

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
57.6%	76.5%	71%



AP Research

Score	2016	2017	2018	2019	2020
1					
2		5			1
3		11	1	6	7
4		1	3	5	4
5		2			1
Total Exams		19	4	11	13
Mean score		3.00	3.75	3.45	3.38

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
2	-0.07	-7.7

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
92.3%	85.2%	73.4%



AP Seminar

Score	2016	2017	2018	2019	2020
1					
2	2				
3	21	15	12	13	12
4	5	2	2	6	4
5	3	3			3
Total Exams	32	20	14	19	19
Mean score	3.25	3.40	3.14	3.32	3.53

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
0	0.21	0

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
100%	90.1%	80.5%



AP Spanish Language and Culture

Score	2016	2017	2018	2019	2020
1					
2		1	4	3	7
3	2	3	7	10	3
4	1	2	5	8	
5		3			1
Total Exams	3	9	16	21	11
Mean score	3.33	3.78	3.06	3.24	2.55

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-9	-0.66	-44

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
41.7%	84.8%	90%



AP Spanish Literature and Culture

Score	2016	2017	2018	2019	2020
1					
2					5
3					1
4					1
5					1
Total Exams					8
Mean score					2.75

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
N/A	N/A	N/A

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
37.5%	76.3%	72.7%



AP Statistics

Score	2016	2017	2018	2019	2020
1	1	4			4
2	4	7	7	9	9
3	7	11	11	9	7
4	6	6	10	5	1
5	4	2	2	1	2
Total Exams	22	30	30	24	23
Mean score	3.36	2.83	3.23	2.92	2.48

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-1	-0.44	-19

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
43.5%	67.1%	59.5%



AP US Government and Politics

Score	2016	2017	2018	2019	2020
1		1		1	4
2	10	9	14	4	8
3	17	28	23	24	10
4	15	15	9	8	7
5	8	9	4	9	14
Total Exams	50	62	50	46	43
Mean score	3.42	3.35	3.06	3.43	3.44

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
-3	0.01	-17

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
72.1%	63.2%	56.6%



AP US History

Score	2016	2017	2018	2019	2020
1	5	6	2	5	16
2	12	24	11	14	14
3	15	33	4	9	21
4	6	23	1	13	13
5	1	9	3	5	9
Total Exams	39	95	21	46	73
Mean score	2.64	3.05	2.62	2.98	2.79

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
27	-0.19	.2

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
58.9%	66.6%	58.6%



AP World History

Score	2016	2017	2018	2019	2020
1	0	3	2	1	4
2	9	14	13	20	16
3	23	31	29	30	42
4	13	12	37	20	30
5	2	9	16	14	9
Total Exams	46	69	97	85	101
Mean score	3.15	3.14	3.54	3.31	3.24

Difference from Test Takers from 2019-2020	Difference in Mean Score from 2019-2020	Difference in % of students earning 3+
20	-0.11	2.8

% of 3+ QCSD	% of 3+ PA	% of 3+ National Avg
78.1%	72.2%	60.3%

