

**ADVANCED PLACEMENT TESTS
2009-2010
BOULDER VALLEY SCHOOL DISTRICT**

A wide variety of course offerings carry the Advanced Placement (AP) label. These are courses for which a nationally used curriculum has been developed. Because of this consistent curriculum it is possible to develop tests that can be used to externally assess the performance of students who have taken these courses. Based on the performance of the students, many colleges and universities give credit or waive courses for successful students. Even if the institution does not accept the courses for credit, the results are used as part of the application process for admittance. Students are not required to take the AP tests as part of the class. The student elects which AP tests to take and pays the appropriate fee.

The attached results are for the 2009-2010 school year. The source of this information is the official AP District Report. Generally the student will take the test in the same year as the course is taken, but not always. It is also possible that a student takes the exam without taking the course. The following tables indicate:

- 1) Total score distribution;
- 2) Number of students taking tests;
- 3) Distribution of scores received;
- 4) Number of tests taken;
- 5) Percentage of exams/students qualifying for college credit;
- 6) Specific exams taken

Results are presented for the total group and for gender and racial-ethnic groups having 10 or more students participating. The 'Global' in the charts represents all tests taken in any world wide location.

Boulder Valley School District

Tests Taken 4465

Number of Different AP Exams Taken 31

Number of Students Taking Tests 2561

Average Number of Tests/Student 1.7

Total Score Mean	
District Mean = 3.33	
Global Mean = 2.86	

Student Participation by Score		
Score	BVSD Percent	Global Percent
5	23.2%	15.1%
4	24.3%	19.5%
3	25.2%	23.4%
2	17.2%	20.5%
1	10.2%	21.6%

A score of 3 or greater is accepted for credit by many universities. District students have a higher percentage (73%) of results in the top 3 scores than the general population (58%) taking these tests.

Student Participation by Grade Level			
Grade	BVSD Number	BVSD Percent	Global Percent
<9	1	0.0%	0.2%
9/10	752	29.4%	19.0%
11	821	32.1%	36.5%
12	914	35.7%	40.2%
College/Other	73	2.9%	4.1%
Total	2561		

The District has a significantly higher percentage of tests being taken by students in grades 9 & 10 than the general testing population.

Student Participation by Gender				
Gender		Score	Number of Tests	Percent of Tests
Female	Number of Students = 1347	5	485	21.4%
	Number of Tests = 2262	4	546	24.1%
	Number of Tests/Student = 1.7	3	588	26.0%
	Mean 3.28	2	394	17.4%
		1	249	11.0%
Male	Number of Students = 1214	5	549	24.9%
	Number of Tests = 2203	4	539	24.5%
	Number of Tests/Student = 1.8	3	536	24.3%
	Mean 3.39	2	374	17.0%
		1	205	9.3%

Student Participation by Race				
Race		Score	Number of Tests	Percent of Tests
Chicano/ Mexican American	Number of Students = 63	5	12	14.8%
	Number of Tests = 81	4	16	19.8%
	Number of Tests/Student = 1.3	3	15	18.5%
	Mean 2.79	2	19	23.5%
		1	19	23.5%
Other Hispanic	Number of Students = 62	5	18	18.2%
	Number of Tests = 99	4	31	31.3%
	Number of Tests/Student = 1.6	3	16	16.2%
	Mean 3.16	2	17	17.2%
		1	17	17.2%
Black/ Afro-American	Number of Students = 20	5	6	20.0%
	Number of Tests = 30	4	5	16.7%
	Number of Tests/Student = 1.5	3	8	26.7%
	Mean 3.00	2	5	16.7%
		1	6	20.0%
Asian/ Asian American	Number of Students = 217	5	125	29.5%
	Number of Tests = 424	4	86	20.3%
	Number of Tests/Student = 2.0	3	107	25.2%
	Mean 3.45	2	68	16.0%
		1	38	9.0%
American Indian/ Alaskan	Number of Students = 15	5	2	8.0%
	Number of Tests = 25	4	3	12.0%
	Number of Tests/Student = 1.7	3	7	28.0%
	Mean 2.48	2	6	24.0%
		1	7	28.0%
White	Number of Students = 2041	5	793	22.5%
	Number of Tests = 3519	4	880	25.0%
	Number of Tests/Student = 1.7	3	902	25.6%
	Mean 3.34	2	605	17.2%
		1	339	9.6%
Other/Not Stated	Number of Students = 140	5	76	27.0%
	Number of Tests = 282	4	63	22.3%
	Number of Tests/Student = 2.0	3	67	23.8%
	Mean 3.43	2	48	17.0%
		1	28	9.9%

Puerto Rican N size too small (N=5)

Number of Advanced Placement Examinations Taken By School	
School	Number of Tests
Boulder HS	1297
Fairview HS	983
Monarch HS	594
Broomfield HS	495
Centaurus HS	302
Peak to Peak	708
Nederland Jr-Sr HS	65
Justice HS	21
DISTRICT	4465

Number of Advanced Placement Examinations By School and Qualifying Score*				
School	Number of Exams with Score 5	Number of Exams with Score 4	Number of Exams with Score 3	% of Exams Qualifying for College Credit
Boulder HS	393	378	293	82.0%
Fairview HS	287	252	243	79.6%
Monarch HS	121	152	165	73.7%
Broomfield HS	74	83	142	60.4%
Centaurus HS	30	68	87	61.3%
Peak to Peak	124	136	177	61.7%
Nederland Jr-Sr HS	5	16	17	58.5%
Justice HS	0	0	0	0%
DISTRICT	1034	1085	1124	72.6%

* A score of 3 and above is accepted for credit by many universities.

Percentage of Students Qualifying for College Credit on at least one AP exam in Grades 10, 11, and 12*			
School	Grade 10	Grade 11	Grade 12
Boulder HS	20.6	39.0	49.3
Fairview HS	17.3	36.7	39.5
Monarch HS	11.0	28.8	24.6
Broomfield HS	15.7	19.7	22.1
Centaurus HS **	17.1	15.3	15.4
Peak to Peak	34.0	61.4	52.4
Nederland Jr-Sr HS	10.4	17.5	18.2
Justice HS	0	0	0
DISTRICT (Not Available)			

* The percentage of students enrolled in grades 10, 11, 12 who scored 3 or higher on at least one AP Exam this year. Enrollment figures were provided by each school during AP test administration.

Mean Score and Number of Exams Taken by Exam Type		
Exam	Mean	Total Exams
Art History	4.13	15
Biology	3.20	144
Calculus AB	3.37	296
Calculus BC	4.34	265
Chemistry	3.72	138
Chinese Lang. & Culture		8
Computer Science A	3.15	20
Computer Science AB		
Economics: Macro	3.49	90
Economics: Micro	4.09	53
Eng. Lang. & Comp.	3.49	544
Eng. Lit. & Comp.	3.40	375
Environmental Science	3.41	87
European History	3.19	101
French Language	3.26	53
French Literature		
German Language	3.58	19
Government & Politics: Comp.		
Government & Politics: U.S.	2.54	275
Human Geography	3.02	245
Italian Lang. & Culture		
Japanese Lang. & Culture	2.58	12
Latin Literature		
Latin Vergil		3
Music Theory	3.66	29
Physics B	2.82	17
Physics C: Elec. & Mag.	3.54	104
Physics C: Mechanics	3.67	106
Psychology	3.48	150
Spanish Language	3.38	163
Spanish Literature	3.95	22
Statistics	2.90	181
Studio Art: Drawing		5
Studio Art: 2-D Design	3.39	28
Studio Art: 3-D Design		
U S History	3.16	572
World History	3.00	345

*Mean not reported for exams with less than 10 tests taken.