

**SAT I
2010
BOULDER VALLEY PUBLIC SCHOOLS**

The Scholastic Aptitude Test (SAT I) provides test batteries in different subject areas which are available to high school students. Students intending to go to college are most often the ones who take these exams, while all students in Colorado public schools are required to take the American College Testing Program (ACT), another college bound exam in eleventh grade. Most colleges require that students take one of these tests and submit scores as part of their admissions data. Colleges use these tests as part of the information to predict the success of students in their particular school. Since not all colleges require these scores, some students who will go to college could conceivably take neither exam. Individual students who decide to take the SAT I pay a test fee since it is not state required like the ACT. All scores in this report are based on the SAT I scale (not the previous SAT scale). Scores before 1996 have been converted to the new SAT I scale. Please note that references to the *Verbal* subtest have been replaced with *Critical Reading* as the College Board has changed the focus and the name of this subtest.

The number of 2009-2010 Boulder Valley seniors taking the exam was 902. This represented 38% of the senior class (based on 2009 12th grade October count).

As has been the trend for the past few years, Colorado is scoring consistently higher than the nation and Boulder Valley is scoring consistently higher than Colorado in all SAT areas.

The SAT uses a numerical score range of 200-800, with a national mean of 501 for critical reading, 516 for mathematics and 492 for writing.

With the number of students taking the SAT in Boulder Valley, a standard error of plus or minus 3 points can be expected by random chance for district scores. The error is larger for subgroups of students (gender, racial-ethnic, and school groups).

Table 1: Boulder Valley Average Scores 1992-2010

Boulder Valley	% Taking	Math	Critical Reading	Writing
1992	47	562	541	
1993	57	562	546	
1994	49	564	547	
1995	51	570	561	
1996	53	564	544	
1997	53	567	550	
1998	54	573	559	
1999	57	569	553	
2000	55	566	555	
2001	61	566	555	
2002	51	576	558	
2003	50	580	569	
2004	48	588	577	
2005	50	583	579	
2006	50	588	576	567
2007	48	588	577	568
2008	46	594	580	573
2009	43	600	588	576
2010	38	601	592	582

Table 2: Colorado Average Scores 1992-2010

Colorado	% Taking	Math	Critical Reading	Writing
1996		538	536	
1997		539	536	
1998		542	537	
1999		540	536	
2000		537	534	
2001		542	539	
2002		548	543	
2003	27	553	551	
2004	27	553	554	
2005	26	560	560	
2006		564	558	548
2007	24	565	560	549
2008	21	570	564	553
2009	20	575	568	555
2010	18	572	568	555

Table 3: National Average Scores 1992-2010

Nation	% Taking	Math	Critical Reading	Writing
1992		501	500	
1993		503	500	
1994		504	499	
1995		506	504	
1996		508	505	
1997		511	505	
1998		512	505	
1999		511	505	
2000		514	505	
2001		514	506	
2002		516	504	
2003		519	507	
2004		518	508	
2005		520	508	
2006		518	503	497
2007	48	515	502	494
2008	45	515	502	494
2009	46	515	501	493
2010	47	516	501	492

Table 4: Individual School Means 2010

School	Number Testing	Math	Critical Reading	Writing
Arapahoe Ridge	1	-	-	-
Boulder	220	607	596	589
Boulder Prep	1	-	-	-
Broomfield	48	580	564	537
Centaurus	38	575	561	548
Fairview	326	618	606	604
Monarch	156	597	582	568
Nederland	12	528	550	527
New Vista	30	535	577	536

Table 5: Boulder Valley Sub-Group Averages – Females

Female	Math	Critical Reading	Writing
1992	546	541	
1993	544	543	
1994	544	543	
1995	552	564	
1996	547	541	
1997	545	548	
1998	548	551	
1999	555	555	
2000	546	554	
2001	547	555	
2002	563	558	
2003	564	570	
2004	569	577	
2005	569	583	
2006	573	578	577
2007	573	579	578
2008	578	581	587
2009	582	584	583
2010	587	592	591

Table 6: Boulder Valley Sub-Group Averages – Males

Male	Math	Critical Reading	Writing
1992	581	542	
1993	579	548	
1994	587	553	
1995	592	558	
1996	583	548	
1997	590	553	
1998	603	568	
1999	586	550	
2000	586	556	
2001	586	555	
2002	591	557	
2003	598	567	
2004	607	577	
2005	599	574	
2006	605	575	556
2007	608	576	555
2008	611	578	558
2009	620	592	568
2010	616	591	572

Table 7: Boulder Valley Sub-Group Averages – Ethnicity

	Year	Number	Math	Critical Reading	Writing
American Indian	1996	7	554	564	
	1997	10	553	530	
	1998	3	-	-	
	1999	9	507	457	
	2000	1	-	-	
	2001	6	508	475	
	2002	6	580	562	
	2003	4	570	565	
	2004	6	572	507	
	2005	4	-	-	
	2006	7	554	574	
	2007	6	637	580	578
	2008	6	573	508	478
2009	4	-	-	-	
2010	5	-	-	-	
Asian	1996	39	593	514	
	1997	45	588	526	
	1998	40	638	562	
	1999	39	611	522	
	2000	42	584	564	
	2001	36	631	566	
	2002	47	614	562	
	2003	34	658	603	
	2004	43	587	559	
	2005	51	630	583	
	2006	62	616	548	
	2007	83	630	564	572
	2008	79	659	600	598
2009	82	634	583	576	
2010	69	641	607	602	
Black	1996	17	491	469	
	1997	17	498	511	
	1998	11	515	528	
	1999	7	460	497	
	2000	13	464	487	
	2001	14	492	516	
	2002	11	528	493	
	2003	6	490	433	
	2004	9	486	433	
	2005	9	438	449	
	2006	10	532	504	
	2007	8	549	539	519
	2008	11	560	582	531
2009	13	595	560	563	
2010	6	478	510	503	

Table 7 (cont.): Boulder Valley Sub-Group Averages – Ethnicity

	Year	Number	Math	Critical Reading	Writing
Hispanic	1996	27	520	522	
	1997	39	540	529	
	1998	35	523	534	
	1999	34	545	519	
	2000	27	553	559	
	2001	32	497	505	
	2002	31	518	512	
	2003	21	524	517	
	2004	23	514	513	
	2005	29	521	515	
	2006	45	541	557	
	2007	30	565	563	553
	2008	26	552	548	519
White	1996	629	568	549	
	1997	571	572	555	
	1998	642	576	561	
	1999	755	569	555	
	2000	651	565	555	
	2001	741	568	555	
	2002	629	577	557	
	2003	576	576	566	
	2004	623	586	576	
	2005	771	582	580	
	2006	921	588	579	
	2007	877	585	578	568
	2008	899	590	578	574
2009	833	598	590	579	
2010	730	601	591	583	

In 2010, 55 (6% of total) students did not indicate their racial-ethnic group or reported it as “other.”