



The SAT is administered nationally several times each year to a self-selected group of students, mostly high school juniors and seniors who are considering higher education. Unlike other assessments that are given countywide, most of which measure student *achievement*, the SAT is an *aptitude* test and measures how well students use the skills and content knowledge they have learned in three areas: critical reading, mathematics, and writing. The data presented is for high school seniors in the 2015-16 school year. The current cohort reported by the College Board includes results for students who took the SAT at least once through June of their senior year. If a student took the test more than once, the most recent score is used in developing the reported results.

Table I reports average countywide, statewide, and national results for the SAT over the past six years. Table II contains school and countywide results disaggregated by race/ethnicity. Table III reports the percent of seniors taking the SAT and the average SAT scores for each high school. Table IV compares countywide results, by race/ethnicity, to state and national results. Tables V and VI reflect the change in senior SAT participation by school, disaggregated by race/ethnicity, for the 2014-15 and 2015-16 school years.

Summary

For the 2015-16 school year, the percent of seniors with SAT scores decreased five percentage points to 68% (see Table V, column 6). Disaggregated by race/ethnicity, countywide participation increased among one minority group, Hispanic/Latino, with an increase of 16 percentage points (see Table VI).

An analysis of students' overall countywide performance for the 2015-16 school year indicates there was an increase in average scores over the previous year for all three test areas: critical reading (5 points), math (2 points) and writing (2 points). (see Table I).

Average state scores decreased in all three subject areas: critical reading (1 point), math (3 points) and writing (2 points). (see Table I). National averages decreased in all three subject areas: critical reading (1 point), math (3 points) and writing (2 points).

Countywide average student performance was higher than both the state and the nation in critical reading. In math, the countywide average score was higher than the state average (14 points) and lower than the national average (4 points). On the writing portion of the SAT, the countywide average score was higher than the state average (3 points) and lower than the national average (3 points) (see Table I).

The following results summarize students' countywide performance by race/ethnicity in each area of the SAT (see Table IV):

Critical Reading

The average SAT performance among Hispanic/Latino students was higher than that of Hispanic/Latino students at the statewide and national averages. The average countywide performance for African American/Black students was higher than the nationwide average, but equal to the statewide average. Among White students, countywide averages were equal to statewide averages and higher than national averages. Among Asian students, countywide averages were lower than those of students both statewide and nationally.

Mathematics

For African-American/Black students and Hispanic/Latino students, the countywide average is higher than the statewide and national average. The average countywide performance of White students was equal to the

statewide average and higher than the national average. The countywide average for Asian students was equal to the statewide average and lower than the national average.

Writing

On the writing portion of the SAT, African-American/Black students average countywide score was equal to the statewide average and higher than the national average. The average countywide Asian score was lower than both the statewide and national averages. The average countywide scores for Hispanic/Latino students was higher for both statewide and national average scores. The average countywide scores for White students were equal to the statewide average scores and higher than the national average scores.

SAT Table I
County, State, and National Mean SAT Scores for Seniors

	2010-11			2011-12			2012-13		
	County	State	National	County	State	National	County	State	National
Critical Reading	499	499	497	492	497	496	500	497	496
Math	521	502	514	514	502	514	514	500	514
Writing	484	491	489	479	488	488	484	486	488
Combined Total	1504	1492	1500	1485	1487	1498	1498	1483	1498

	2013-14			2014-15			2015-16		
	County	State	National	County	State	National	County	State	National
Critical Reading	500	492	497	497	491	495	502	490	494
Math	510	495	513	502	493	511	504	490	508
Writing	479	481	487	477	478	484	479	476	482
Combined Total	1489	1468	1497	1476	1462	1490	1485	1456	1484

Source: College Board

Prepared by: IDD/KP/AA/CG

SAT Table II
Anne Arundel County Public Schools
Mean SAT Scores for Seniors by Race/Ethnicity

High School	Asian			African American/Black			Hispanic/Latino			White		
	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing
Annapolis	502	525	492	419	401	394	445	444	420	552	534	526
Arundel	519	567	517	453	435	437	526	521	483	531	533	508
Broadneck	533	556	519	449	437	424	531	516	495	550	560	529
Chesapeake	506	614	466	439	460	407				517	531	487
Glen Burnie	504	495	453	408	404	390	404	399	378	458	457	432
Meade	498	528	481	432	420	414	437	415	400	530	505	515
North County	547	567	512	438	425	405	444	446	425	479	478	454
Northeast	448	474	452	429	418	419	438	467	411	466	478	442
Old Mill	496	531	505	413	401	396	447	440	427	518	513	495
Severna Park	579	599	582	519	486	486	567	588	548	571	583	554
South River	550	604	579	467	457	434	532	512	515	537	550	513
Southern				440	438	433	461	474	438	530	526	499
COUNTY	523	553	514	430	419	410	469	464	441	529	534	506

¹ The College Board has three groups, (1) Mexican or Mexican American, (2) Puerto Rican, and (3) Other Hispanic, Latino, or Latin American that are all included under AACPS Hispanic/Latino student group.

* Mean scores are not reported when there are less than five test takers.

Source: College Board

Prepared by : IDD/KP/AA/CG

SAT Table III
Anne Arundel County Public Schools
Percent Participation and Mean SAT Scores for Seniors

High School	Number of Students Entering 12th Grade September 2015	Number of Seniors with SAT Scores 2016	Percent of Seniors with SAT Scores 2016	Mean SAT Scores 2016		
				Critical Reading	Math	Writing
Annapolis	387	271	70%	497	482	471
Arundel	479	334	70%	510	508	489
Broadneck	510	381	75%	540	548	518
Chesapeake	338	173	51%	511	527	480
Glen Burnie	416	267	64%	435	432	410
Meade	453	275	61%	458	445	437
North County	437	261	60%	467	466	439
Northeast	316	178	56%	459	471	437
Old Mill	495	319	64%	466	460	448
Severna Park	461	395	86%	571	582	555
South River	518	387	75%	533	544	510
Southern	238	172	72%	515	512	487
COUNTY	5048	3417	68%	502	504	479
MARYLAND				490	490	476
NATIONAL				494	508	482

Source: College Board
Prepared by : IDD/KP/AA/CG

SAT Table IV
County, State, and National Mean SAT Scores for Seniors by Race/Ethnicity

Student Group	Critical Reading								
	County			State			National		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
African American/Black	433	429	430	423	425	421	431	431	430
Asian	512	506	523	541	543	542	523	525	529
Hispanic/Latino	465	454	469	466	466	455	452	451	448
White	524	527	529	538	538	541	529	529	528

Student Group	Math								
	County			State			National		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
African American/Black	428	425	419	413	417	412	429	428	425
Asian	544	536	553	590	586	586	598	598	602
Hispanic/Latino	478	453	464	466	470	450	457	454	453
White	538	533	534	542	542	543	534	534	533

Student Group	Writing								
	County			State			National		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
African American/Black	409	409	410	410	412	409	418	418	415
Asian	496	487	514	545	541	544	530	531	534
Hispanic/Latino	444	438	441	455	455	441	443	440	436
White	503	506	506	525	524	524	513	513	511

¹ The College Board has three groups, (1) Mexican or Mexican American, (2) Puerto Rican, and (3) Other Hispanic, Latino, or Latin American that are all included under AACPS Hispanic/Latino student group.

Source: College Board
 Prepared by : IDD/KP/AA/CG

SAT Table V
Anne Arundel County Public Schools
SAT Test Participation for Seniors

High School	Number of Seniors with SAT Scores 2015	Number of Seniors with SAT Scores 2016	Change in Number of Seniors with SAT Scores 2016 vs. 2015	Percent of Seniors with SAT Scores 2015	Percent of Seniors with SAT Scores 2016	Percentage Point Change Seniors with SAT Scores 2016 vs. 2015
Annapolis	244	271	27	78%	70%	-8
Arundel	354	334	-20	74%	70%	-4
Broadneck	397	381	-16	78%	75%	-3
Chesapeake	201	173	-28	60%	51%	-9
Glen Burnie	241	267	26	60%	64%	4
Meade	307	275	-32	74%	61%	-13
North County	297	261	-36	67%	60%	-7
Northeast	192	178	-14	64%	56%	-8
Old Mill	362	319	-43	73%	64%	-9
Severna Park	390	395	5	84%	86%	2
South River	413	387	-26	79%	75%	-4
Southern	153	172	19	65%	72%	7
COUNTY	3556	3417	-139	72%	68%	-5

SAT Table VI
Anne Arundel County Public Schools
SAT Test Participation for Seniors by Race/Ethnicity

Race/Ethnicity	Number of Seniors with SAT Scores 2015	Number of Seniors with SAT Scores 2016	Change in Number of Seniors with SAT Scores 2016 vs. 2015	Percent Change of Seniors with SAT Scores
African American/Black	732	684	-48	-7%
Asian	232	181	-51	-22%
Hispanic/Latino	245	284	39	16%
White	2170	2053	-117	-5%

¹ The College Board has three groups, (1) Mexican or Mexican American, (2) Puerto Rican, and (3) Other Hispanic, Latino, or Latin American that are all included under AACPS Hispanic/Latino student group.

Source: College Board
 Prepared by : IDD/KP/AA/CG