

SAT Participation and Performance of the Montgomery County Public Schools Class of 2007

Shihching Liu, M.A. and Clare Von Secker, Ph.D.

Background

Goal 1 of the Montgomery County Public Schools (MCPS) strategic plan, *Our Call to Action: Pursuit of Excellence* (MCPS, 2006), is to ensure success for every student. One measure of success for college-bound students is their preparation for college-level coursework. The SAT is designed to measure attainment of skills considered essential for academic success in college (Kobrin, 2007). Thus, SAT participation and performance are important data points for measuring attainment of Goal 1. This research brief describes SAT participation and performance for the Class of 2007.

Methodology

The SAT consists of subtests in critical reading, math, and writing. SAT subtest scores are reported in increments of ten on scales that range from 200 to 800. The total possible combined SAT score is 2400. Mean combined SAT scores may differ by one point from the sum of the subtest scores because of rounding.

SAT participation and performance are reported for the 9,702 MCPS-verified students who graduated in June 2007. The SAT critical reading, math, and writing subtest scores were obtained from students' most recent SAT administrations. SAT participation and performance for Maryland and the nation are drawn from College Board publications (College Board, 2007a, 2007b, 2007c; Von Secker, 2006).

Table A1 provides SAT results for the Classes of 2006 and 2007 for MCPS, Maryland, and the nation. SAT results reported in Tables A2 to A9 describe the SAT participation and performance for the MCPS Classes of 2006 and 2007. MCPS results are presented overall and by high school for males, females, students of different races/ethnicities, and students who received Free and Reduced-price Meals System (FARMS), special education, or limited English proficiency (LEP) services.

Results

MCPS, Maryland, and National SAT Performance

The SAT combined score of 1624 for the MCPS Class of 2007 is statistically significantly higher than the mean SAT combined scores for Maryland (1498) and the nation (1511). On average, MCPS outperformed all test takers in Maryland and the nation—including private school students—by 126 and 113 points, respectively. The difference in total performance for MCPS versus Maryland in 2007 is 3 points greater than the difference of 123 points observed in 2006 (Table A1). The difference in total performance for MCPS versus the nation in 2007 is 3 points less than the difference of 116 points observed in 2006 (Table A1).

The MCPS Class of 2007 mean score on each SAT subtest was at least 35 points higher than the subtest scores for Maryland and the nation (Figure 1). In math, the MCPS mean SAT score of 552 was 50 points higher than the Maryland mean score of 502.

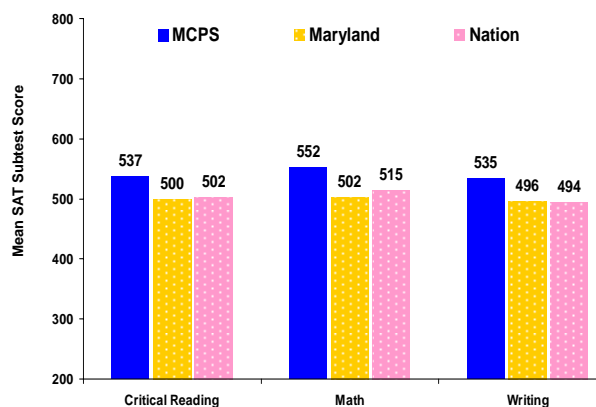


Figure 1. Mean SAT critical reading, math, and writing scores for the Classes of 2007 in MCPS, Maryland, and the nation.

MCPS SAT Participation and Performance

About 79% of the MCPS Class of 2007 took the new SAT (Table A2). This rate exceeded the historic high

of 76.5% set by the MCPS Class of 2005 (Von Secker, 2005). Over the past seven years, the greatest increases in SAT participation have been among African American and Hispanic students and students who received FARMS, special education, and LEP services (Von Secker & Liu, 2007).

Gender

The SAT participation of females (81.1%) was 4.2 percentage points higher than for males (76.9%) (Table 1). The greater SAT participation rates among females compared with males were observed among students of all races/ethnicities (Table A2).

Table 1
Participation of MCPS Class of 2007 on the New SAT by Gender

Test Group	N Graduates	N Took SAT	% Took SAT
Male	4,864	3,738	76.9
Female	4,838	3,922	81.1

The mean SAT combined score for males (1635) was 22 points higher than the mean combined SAT score for females (1613). The mean SAT critical reading subtest scores were the same (537) for males and females (Figure 2). While males performed an average of 34 points better than females on the math subtest, females performed an average of 12 points better than males on the writing subtest (Figure 2).

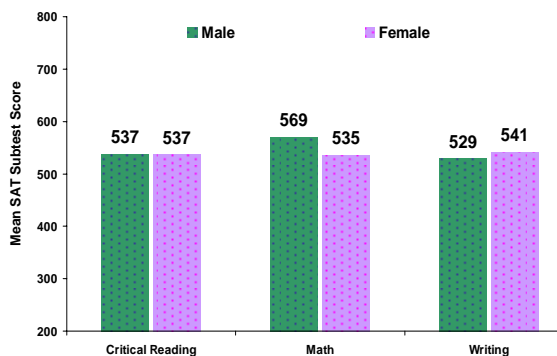


Figure 2. SAT performance for the MCPS Class of 2007 by subtest and gender.

Race/Ethnicity

Asian American (89.4%) and White (85.7%) students took the SAT at rates more than 14 percentage points higher than the rate for African American (71.6%) students and more than 28 points higher than the rate for Hispanic (57%) students (Table 2).

Table 2
Participation of MCPS Class of 2007 on the New SAT by Race/Ethnicity

Test Group	N Graduates	N Took SAT	% Took SAT
African American	2030	1453	71.6
Asian American	1521	1359	89.4
Hispanic	1468	837	57.0
White	4661	3995	85.7

Note. Data are not reported separately for Am. Indian students.

The mean SAT combined scores for Asian American (1706) and White (1736) students were about 300 points higher than those of African American (1357) and Hispanic (1418) students. On average, the SAT critical reading, math, and writing scores of Asian American and White students were about 100 points higher than those of African American and Hispanic students (Figure 3).

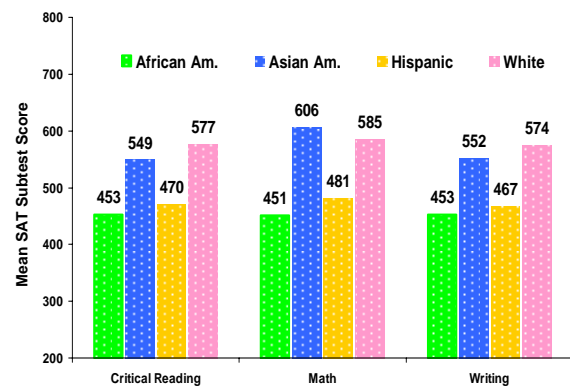


Figure 3. SAT performance for MCPS Class of 2007 by subtest and race/ethnicity.

Service Group

Nearly two thirds of students in the MCPS Class of 2007 who received FARMS services (60.9%) took the SAT. Less than one half of students who received special education (46.1%) or LEP (39.3%) services took the SAT (Table 3).

Table 3
Participation of MCPS Class of 2007 on the New SAT by Service Group

Test Group	N Graduates	N Took SAT	% Took SAT
All MCPS	9702	7660	79.0
FARMS	1210	737	60.9
Special Education	725	334	46.1
LEP	308	121	39.3

The mean SAT combined scores for students who received FARMS (1315), special education (1353), and LEP (1127) services were about 270 to 500 points lower than the mean combined scores of all students in the MCPS Class of 2007 (Table A3). Overall, the SAT critical reading, math, and writing scores of students who received FARMS, special education, and LEP services were more than 85 points lower than the MCPS averages (Figure 4).

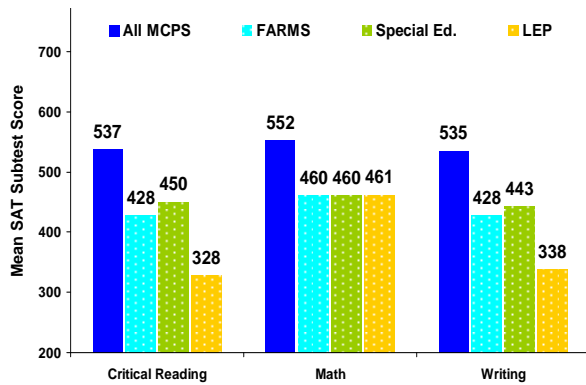


Figure 4. SAT performance for MCPS Class of 2007 by subtest and service group.

High Schools

The MCPS Class of 2007 SAT participation rate at every high school was 65% or higher (Table A4). Of the 23 MCPS high schools with graduating classes, 16 (69.6%) attained mean SAT combined scores higher than 1500; 8 (34.8%) attained mean SAT combined scores higher than 1650; and 2 (8.7%) attained mean SAT combined scores higher than 1800 (Table A5).

Discussion

The SAT participation for the Class of 2007 rose to a historic high of 79%. At the same time, the mean scores of the MCPS Class of 2007 remained statistically significantly higher than the mean scores for Maryland or the nation. On average, MCPS students who took the SAT scored at least 35 points higher on each subtest and about 120 points higher overall than public and private school test takers in Maryland and the nation.

Asian American and White students took the SAT at rates that were about 14 percentage points higher than the rates for African American and Hispanic students. What is encouraging is that racial/ethnic differences in participation rates were smaller than in 2006 (Table A2). More than 70% of African American students and more than 57% of Hispanic students in the Class of 2007 took the SAT. Racial/ethnic differences in

SAT performance for the MCPS Class of 2007 were similar to those observed for the Class of 2006.

The mean SAT combined score of 1624 for the MCPS Class of 2007 was 10 points lower than for the MCPS Class of 2006 (Table A3). However, this decline is not representative of changes in the mean scores of students of different races/ethnicities. Compared with the Class of 2006, the mean SAT combined scores of Hispanic (1418) and White (1736) students in the Class of 2007 were 8 points and 1 point higher, respectively. Likewise, the combined scores of Asian American (1706) and African American (1357) students were each only 3 points lower than for their counterparts in the Class of 2006. This counterintuitive effect occurred because a district mean score is a weighted average that takes into account the number of test takers in each racial/ethnic group. Increases in test taking among groups of students with mean scores below the district average can cause the MCPS mean score to decrease even when subgroup means improve or hold steady.

Recommendations

Students who successfully complete at least one semester of English 11 and mathematics through the level of Algebra 2 or higher are more likely to perform well on the SAT than students who have not successfully completed those courses. High school counselors should use the on-line MCPS Data Warehouse reports to monitor students' SAT course history and SAT readiness. In addition, school counselors should identify SAT interventions—over and above rigorous coursework—that are most appropriate for improving individual students' preparation for the SAT.

High schools should use the guidelines provided in the *PSAT/SAT Guide for Principals 2007-2008* to design and implement interventions that are most likely to improve the SAT preparation for students in their schools. These guidelines, which were developed by the MCPS PSAT/SAT/ACT Project Team, and distributed to schools in fall 2007, provide directions to schools about how to implement various SAT preparation courses. These interventions include a short SAT crash course that focuses on test taking strategies, a College Board on-line SAT preparation course that is available at no cost to MCPS students, and a modification of the College Board on-line SAT course that can be offered as a one semester elective course. In addition, high schools should use the resources provided in the guide to develop their outreach efforts to parents, staff, and students.

The Office of School Performance should provide training to high school administrators and counselors about how to use the on-line MCPS Data Warehouse reports to monitor SAT performance of their students. The SAT performance reports allow schools to view (1) one-year changes in SAT participation and performance for any point in time; (2) PSAT and SAT participation and performance by school, grade level, student group, and individual; and (3) links to other relevant information such as student course history. Principals and school staff are encouraged to follow the recommendations for discussion and analysis of SAT participation and performance provided by the Office of School Performance *Data Monitoring Protocol*.

The SAT results for the Class of 2007 can be used by MCPS to monitor targets for the SAT participation and performance. Evaluations of changes in SAT performance should take into account changes in SAT participation for each subgroup population. For any group, increases in SAT participation tend to be correlated with decreases in mean SAT performance (Von Secker & Liu, 2007).

The MCPS Department of Shared Accountability and the College Board should continue to work together to conduct analyses that identify some possible explanations for the demographic differences in SAT participation and performance. These explanations may include examination of the impact of high school course taking and performance on SAT scores of student groups over time.

References

- College Board. (2007a). *2007 SAT cohort averages*. New York: Author.
- College Board. (2007b). *2007 College-bound seniors: Maryland State Profile Report*. New York: Author.
- College Board. (2007c). *2007 College-bound seniors: Total group profile report*. New York: Author.
- Kobrin, J. L. (2007). *Determining SAT Benchmarks for College Readiness*. New York: The College Board.
- Montgomery County Public Schools (MCPS). (2006). *Our call to action: Pursuit of excellence. The strategic plan for the Montgomery County Public Schools 2006–2011*. Rockville, MD: Montgomery County Public Schools.
- Von Secker, C. (2005). *An Examination of the SAT Results for the Class of 2005*. Rockville, MD: Montgomery County Public Schools.
- Von Secker, C. (2006). *Participation and performance of the Montgomery County Public Schools Class of 2006 on the new SAT*. Rockville, MD: Montgomery County Public Schools.
- Von Secker, C., & Liu, S. (2007). *Demographic changes in the population of SAT test takers in the Montgomery County Public Schools classes of 2001 to 2007*. Rockville, MD: Montgomery County Public Schools.

**SAT Participation and Performance of the
Montgomery County Public Schools Class of 2007**

Appendix

Table A1
Number of Test Takers and Mean Most Recent SAT Subtest Scores for the Classes of 2006 and 2007
as Reported by MCPS and College Board

Class	Demographic Group	MCPS- Graduates in the June Classes of 2006 and 2007 (MCPS status verified by MCPS)				College Board College-Bound Seniors in the Classes of 2006 and 2007							
		N Took SAT	Critical Reading	Math	Writing	Maryland (Includes public and private schools)				Nation (Includes public and private schools)			
						N Took SAT	Critical Reading	Math	Writing	N Took SAT	Critical Reading	Math	Writing
2006	All Students	7,191	539	558	537	45,231	503	509	499	1,465,744	503	518	497
	Male	3,398	542	575	531	20,806	505	527	493	674,242	505	536	491
	Female	3,793	537	542	542	24,425	502	493	504	791,502	502	502	502
	African American	1,240	457	452	451	10,834	430	418	427	150,643	434	429	428
	Asian American	1,366	549	607	553	3,255	528	585	533	138,303	510	578	512
	Hispanic	691	468	479	463	1,831	487	488	481	151,761	456	463	451
	White	3,884	575	588	572	23,380	539	548	535	825,921	527	536	519
	Other ^a	0				1,424	515	516	512	54,469	494	513	493
Unreported ^a	0				4,285	428	472	468	135,346	487	506	482	
2007	All Students	7,660	537	552	535	46,558	500	502	496	1,494,531	502	515	494
	Male	3,738	537	569	529	21,171	503	522	490	690,500	504	533	489
	Female	3,922	537	535	541	25,128	498	488	502	798,030	502	499	500
	Unreported ^a	0				259	382	363	373	6,001	406	408	398
	African American	1,453	453	451	453	11,652	428	415	425	159,849	433	429	425
	Asian American	1,359	549	606	552	3,206	528	582	530	140,794	514	578	513
	Hispanic	837	470	481	467	2,050	478	481	474	168,544	457	463	450
	White	3,995	577	585	574	23,701	540	545	535	828,038	527	534	518
Other ^a	0				1,439	512	509	506	53,901	497	512	493	
Unreported ^a	0				4,257	458	454	454	133,508	480	497	474	

Note. Results for American Indian students are not reported separately but are included with all students.

^a The race/ethnicity and gender of all MCPS-verified students is known. Some test takers did not report gender and/or race/ethnicity to the College Board.

Table A2
SAT Participation of MCPS Classes of 2006 and 2007 by Demographic Group

Demographic Group	N Graduates			SAT Participation					
	2006	2007	Diff	N Took SAT			% Took SAT		
	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff
All MCPS	9483	9702	219	7191	7660	469	75.8	79.0	3.1
Male	4632	4864	232	3398	3738	340	73.4	76.9	3.5
Female	4851	4838	-13	3793	3922	129	78.2	81.1	2.9
African American	1882	2030	148	1240	1453	213	65.9	71.6	5.7
Male	849	957	108	515	654	139	60.7	68.3	7.7
Female	1033	1073	40	725	799	74	70.2	74.5	4.3
Asian American	1556	1521	-35	1366	1359	-7	87.8	89.3	1.6
Male	805	751	-54	694	664	-30	86.2	88.4	2.2
Female	751	770	19	672	695	23	89.5	90.3	0.8
Hispanic	1303	1468	165	691	837	146	53.0	57.0	4.0
Male	615	709	94	297	372	75	48.3	52.5	4.2
Female	688	759	71	394	465	71	57.3	61.3	4.0
White	4728	4661	-67	3884	3995	111	82.1	85.7	3.6
Male	2353	2438	85	1885	2041	156	80.1	83.7	3.6
Female	2375	2223	-152	1999	1954	-45	84.2	87.9	3.7
FARMS	1071	1210	139	578	737	159	54.0	60.9	6.9
Special Education	809	725	-84	371	334	-37	45.9	46.1	0.2
LEP	277	308	31	99	121	22	35.7	39.3	3.5

Table A3
SAT Mean Most Recent Scores of MCPS Classes^a of 2006 and 2007 by Demographic Group

Demographic Group	Combined			SAT Mean Most Recent Score								
	2006	2007	Diff	Critical Reading			Math			Writing		
	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff
All MCPS	1634	1624	-10	539	537	-2	558	552	-6	537	535	-2
Male	1648	1635	-13	542	537	-5	575	569	-6	531	529	-2
Female	1621	1613	-8	537	537	0	542	535	-7	542	541	-1
African American	1360	1357	-3	457	453	-3	452	451	-1	451	453	2
Male	1347	1348	0	451	447	-4	460	461	2	437	439	3
Female	1368	1365	-4	461	458	-2	447	442	-4	461	464	3
Asian American	1710	1706	-3	549	549	-1	607	606	-1	553	552	-1
Male	1723	1710	-14	554	548	-6	620	617	-3	550	545	-5
Female	1695	1703	8	545	549	4	594	595	1	556	558	2
Hispanic	1410	1418	8	468	470	2	479	481	2	463	467	4
Male	1433	1438	5	473	473	0	499	505	6	461	460	-1
Female	1393	1403	10	464	469	4	464	462	-2	464	472	7
White	1735	1736	1	575	577	2	588	585	-3	572	574	2
Male	1737	1738	2	573	574	1	603	600	-3	561	565	4
Female	1733	1733	0	577	581	4	574	569	-5	582	583	1
FARMS	1316	1315	-1	427	428	0	461	460	-1	428	428	0
Special Education	1383	1353	-31	463	450	-13	473	460	-13	448	443	-5
LEP	1148	1127	-21	351	328	-23	456	461	6	342	338	-4

Note. The combined score may differ by one point from the sum of the subtest scores because of rounding

^aSAT data are not reported for students who graduated in August or January

Table A4
 SAT Participation of MCPS Classes^a of 2006 and 2007
 by High School

High School	N Graduates			N Took SAT			SAT Participation		
	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff
MCPS	9483	9702	219	7191	7660	469	75.8	79.0	3.1
B-CC	385	410	25	312	339	27	81.0	82.7	1.6
Blair	667	658	-9	522	533	11	78.3	81.0	2.7
Blake	435	401	-34	346	340	-6	79.5	84.8	5.2
Churchill	524	524	0	478	484	6	91.2	92.4	1.1
Damascus	453	442	-11	294	320	26	64.9	72.4	7.5
Einstein	330	383	53	234	262	28	70.9	68.4	-2.5
Gaithersburg	427	428	1	311	326	15	72.8	76.2	3.3
Kennedy	299	334	35	194	227	33	64.9	68.0	3.1
Magruder	491	466	-25	367	364	-3	74.7	78.1	3.4
Northwest	392	430	38	301	349	48	76.8	81.2	4.4
Paint Branch	398	396	-2	318	310	-8	79.9	78.3	-1.6
Poolesville	181	192	11	134	155	21	74.0	80.7	6.7
Quince Orchard	424	433	9	350	341	-9	82.5	78.8	-3.8
Richard Montgomery	426	444	18	337	353	16	79.1	79.5	0.4
Rockville	230	278	48	172	202	30	74.8	72.7	-2.1
Seneca Valley	315	334	19	212	227	15	67.3	68.0	0.7
Sherwood	497	515	18	316	416	100	63.6	80.8	17.2
Springbrook	415	438	23	296	340	44	71.3	77.6	6.3
Walter Johnson	452	401	-51	360	331	-29	79.6	82.5	2.9
Watkins Mill	384	400	16	259	269	10	67.4	67.3	-0.2
Wheaton	259	300	41	163	225	62	62.9	75.0	12.1
Whitman	450	438	-12	409	402	-7	90.9	91.8	0.9
Wootton	545	572	27	499	529	30	91.6	92.5	0.9
Special Schools ^b	104	85	-19	7	16	9	6.7	18.8	12.1

^aThe Classes of 2006 and 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^bSpecial school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.

Table A5
SAT Mean Most Recent Scores of MCPS Classes^a of 2006 and 2007 by High School

High School	N Graduates			Mean Most Recent SAT Scores											
				Combined Score			Critical Reading			Math			Writing		
	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff	2006	2007	Diff
MCPS	9483	9702	219	1634	1624	-10	539	537	-2	558	552	-6	537	535	-2
B-CC	385	410	25	1784	1745	-39	595	584	-11	598	583	-15	592	578	-13
Blair	667	658	-9	1628	1679	51	543	558	15	548	568	20	537	553	17
Blake	435	401	-34	1556	1559	3	523	522	0	520	521	1	513	515	2
Churchill	524	524	0	1827	1821	-6	595	596	1	628	620	-8	603	604	1
Damascus	453	442	-11	1606	1570	-35	528	518	-10	557	538	-19	521	515	-6
Einstein	330	383	53	1459	1454	-5	487	480	-6	489	497	8	484	477	-7
Gaithersburg	427	428	1	1498	1469	-29	500	488	-13	512	497	-15	486	484	-1
Kennedy	299	334	35	1420	1427	7	472	470	-2	478	492	14	470	465	-6
Magruder	491	466	-25	1615	1584	-30	537	524	-13	555	544	-11	523	516	-7
Northwest	392	430	38	1547	1522	-25	514	509	-6	522	513	-9	511	500	-11
Paint Branch	398	396	-2	1548	1498	-50	511	489	-22	534	516	-18	503	493	-9
Poolesville	181	192	11	1639	1736	96	541	575	34	565	590	26	534	571	37
Quince Orchard	424	433	9	1603	1627	24	523	534	11	553	556	3	527	537	9
Richard Montgomery	426	444	18	1760	1781	22	584	593	8	599	601	2	576	587	11
Rockville	230	278	48	1514	1579	65	503	521	18	520	538	17	491	521	30
Seneca Valley	315	334	19	1516	1475	-40	496	484	-12	508	502	-6	512	489	-23
Sherwood	497	515	18	1607	1608	2	525	529	4	553	546	-6	529	533	4
Springbrook	415	438	23	1549	1533	-16	512	511	-1	528	516	-12	509	506	-4
Walter Johnson	452	401	-51	1754	1733	-21	577	575	-2	601	587	-14	575	571	-4
Watkins Mill	384	400	16	1468	1451	-17	479	484	5	505	482	-23	483	485	2
Wheaton	259	300	41	1313	1326	12	437	438	1	447	461	15	429	426	-3
Whitman	450	438	-12	1884	1880	-4	622	625	3	639	631	-8	623	624	1
Wootton	545	572	27	1796	1785	-11	580	581	0	627	620	-8	589	585	-4
Special Schools ^b	104	85	-19	1533	1367	-166	509	440	-69	533	482	-51	491	445	-46

Note. The combined score may differ by one point from the sum of the subtest scores because of rounding.

^aThe Classes of 2006 and 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^bSpecial school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.

Table A6
Number and Percentage of Test Takers of MCPS Class of 2007^a by High School and Race/Ethnicity

High School	All			African American			Asian American			Hispanic			White		
	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took
MCPS	9702	7660	79.0	2030	1453	71.6	1521	1359	89.3	1468	837	57.0	4661	3995	85.7
B-CC	410	339	82.7	68	52	76.5	22	19	86.4	60	36	60.0	258	231	89.5
Blair	658	533	81.0	200	152	76.0	93	85	91.4	121	70	57.9	241	224	92.9
Blake	401	340	84.8	120	98	81.7	45	37	82.2	40	28	70.0	195	176	90.3
Churchill	524	484	92.4	32	22	68.8	118	116	98.3	33	29	87.9	341	317	93.0
Damascus	442	320	72.4	35	23	65.7	27	27	100.0	34	20	58.8	345	249	72.2
Einstein	383	262	68.4	95	67	70.5	56	45	80.4	141	78	55.3	91	72	79.1
Gaithersburg	428	326	76.2	115	86	74.8	47	41	87.2	96	54	56.3	168	144	85.7
Kennedy	334	227	68.0	141	100	70.9	41	36	87.8	88	39	44.3	63	51	81.0
Magruder	466	364	78.1	71	46	64.8	89	84	94.4	69	41	59.4	236	192	81.4
Northwest	430	349	81.2	130	99	76.2	65	55	84.6	51	40	78.4	184	155	84.2
Paint Branch	396	310	78.3	166	123	74.1	84	77	91.7	34	18	52.9	111	91	82.0
Poolesville	192	155	80.7	9	n/r	n/r	7	6	85.7	6	n/r	n/r	170	141	82.9
Quince Orchard	433	341	78.8	66	41	62.1	77	73	94.8	46	20	43.5	242	206	85.1
Richard Montgomery	444	353	79.5	59	42	71.2	102	89	87.3	51	30	58.8	232	192	82.8
Rockville	278	202	72.7	34	24	70.6	45	37	82.2	63	29	46.0	132	110	83.3
Seneca Valley	334	227	68.0	95	59	62.1	47	37	78.7	58	26	44.8	134	105	78.4
Sherwood	515	416	80.8	76	55	72.4	70	60	85.7	45	27	60.0	322	272	84.5
Springbrook	438	340	77.6	196	152	77.6	81	66	81.5	71	38	53.5	89	83	93.3
Walter Johnson	401	331	82.5	38	24	63.2	57	48	84.2	38	24	63.2	268	235	87.7
Watkins Mill	400	269	67.3	128	81	63.3	46	34	73.9	97	52	53.6	128	101	78.9
Wheaton	300	225	75.0	86	77	89.5	38	34	89.5	138	82	59.4	38	32	84.2
Whitman	438	402	91.8	17	13	76.5	60	57	95.0	34	29	85.3	327	303	92.7
Wootton	572	529	92.5	22	10	45.5	201	195	97.0	27	19	70.4	322	305	94.7
Special Schools ^b	85	16	18.8	31	n/r	n/r	n/r	n/r	n/r	27	n/r	n/r	24	8	33.3

Note. Numbers of students are not reported (n/r) for subgroups with fewer than five test takers.

^aThe Class of 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^bSpecial school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.

Table A7
Number and Percentage of Test Takers of MCPS Class of 2007^a by High School, Gender, and Service Group

High School	Male			Female			FARMS			Special Education			LEP		
	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took	N Grads	N Took	% Took
MCPS	4864	3738	76.9	4838	3922	81.1	1210	737	60.9	725	334	46.1	308	121	39.3
B-CC	206	163	79.1	204	176	86.3	33	22	66.7	32	16	50.0	11	n/r	n/r
Blair	351	279	79.5	307	254	82.7	149	97	65.1	42	27	64.3	35	19	54.3
Blake	186	148	79.6	215	192	89.3	31	25	80.6	23	13	56.5	n/r	n/r	n/r
Churchill	264	239	90.5	260	245	94.2	7	n/r	n/r	56	37	66.1	n/r	n/r	n/r
Damascus	236	161	68.2	206	159	77.2	20	9	45.0	45	14	31.1	n/r	n/r	n/r
Einstein	194	122	62.9	189	140	74.1	120	72	60.0	23	7	30.4	37	16	43.2
Gaithersburg	214	160	74.8	214	166	77.6	69	42	60.9	14	n/r	n/r	24	10	41.7
Kennedy	171	110	64.3	163	117	71.8	78	49	62.8	39	14	35.9	20	6	30.0
Magruder	225	168	74.7	241	196	81.3	54	28	51.9	39	13	33.3	7	n/r	n/r
Northwest	219	180	82.2	211	169	80.1	46	32	69.6	41	18	43.9	n/r	n/r	n/r
Paint Branch	225	182	80.9	171	128	74.9	53	30	56.6	22	9	40.9	n/r	n/r	n/r
Poolesville	91	71	78.0	101	84	83.2	n/r	n/r	n/r	16	6	37.5	n/r	n/r	n/r
Quince Orchard	228	177	77.6	205	164	80.0	38	19	50.0	34	12	35.3	18	7	38.9
Richard Montgomery	204	158	77.5	240	195	81.3	46	31	67.4	27	17	63.0	21	9	42.9
Rockville	140	99	70.7	138	103	74.6	39	24	61.5	27	9	33.3	9	n/r	n/r
Seneca Valley	154	97	63.0	180	130	72.2	58	29	50.0	22	10	45.5	19	n/r	n/r
Sherwood	266	206	77.4	249	210	84.3	50	32	64.0	42	14	33.3	20	8	40.0
Springbrook	205	154	75.1	233	186	79.8	85	50	58.8	17	8	47.1	8	n/r	n/r
Walter Johnson	200	168	84.0	201	163	81.1	20	12	60.0	40	24	60.0	21	8	38.1
Watkins Mill	173	113	65.3	227	156	68.7	64	34	53.1	30	7	23.3	22	6	27.3
Wheaton	140	104	74.3	160	121	75.6	117	83	70.9	19	10	52.6	15	5	33.3
Whitman	227	203	89.4	211	199	94.3	5	n/r	n/r	32	24	75.0	10	7	70.0
Wootton	287	266	92.7	285	263	92.3	12	10	83.3	31	22	71.0	5	n/r	n/r
Special Schools ^b	58	10	17.2	27	6	22.2	13	n/r	n/r	12	n/r	n/r	n/r	n/r	n/r

Note. Numbers of students are not reported (n/r) for subgroups with fewer than five test takers.

^aThe Class of 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^bSpecial school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.

Table A8
SAT Mean Most Recent Scores of MCPS Class of 2007^a by High School and Race/Ethnicity

High School	All			African American			Asian American			Hispanic			White		
	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing
MCPS	537	552	535	453	451	453	549	606	552	470	481	467	577	585	574
B-CC	584	583	578	482	453	466	541	617	543	476	494	464	628	623	624
Blair	558	568	553	442	464	449	612	662	614	461	473	463	645	633	630
Blake	522	521	515	457	431	450	528	556	532	475	466	466	565	573	556
Churchill	596	620	604	539	542	520	612	657	620	550	592	563	599	615	608
Damascus	518	538	515	420	430	427	525	558	536	485	526	491	528	546	522
Einstein	480	497	477	441	440	438	457	541	461	432	448	428	584	574	576
Gaithersburg	488	497	484	454	430	459	476	527	476	451	470	445	525	538	516
Kennedy	470	492	465	442	457	438	471	513	469	456	470	435	535	563	538
Magruder	524	544	516	468	445	469	513	573	508	497	504	474	548	565	540
Northwest	509	513	500	462	455	450	537	574	554	437	427	424	546	551	532
Paint Branch	489	516	493	446	458	452	502	552	517	445	473	451	543	569	536
Poolesville	575	590	571	433	470	388	625	687	670	500	498	515	579	592	573
Quince Orchard	534	556	537	467	457	468	511	604	530	512	509	508	557	563	556
Richard Montgomery	593	601	587	508	494	502	621	676	611	511	530	504	611	601	607
Rockville	521	538	521	429	415	431	532	590	525	434	447	428	562	574	566
Seneca Valley	484	502	489	436	444	443	526	567	535	422	436	423	512	528	514
Sherwood	529	546	533	432	452	450	519	582	519	510	505	514	553	562	555
Springbrook	511	516	506	469	456	470	518	573	515	474	471	481	599	602	577
Walter Johnson	575	587	571	483	484	486	547	637	545	535	550	530	594	591	589
Watkins Mill	484	482	485	439	420	437	468	525	478	438	428	444	549	546	546
Wheaton	438	461	426	421	431	407	431	522	422	444	461	433	470	472	459
Whitman	625	631	624	512	514	553	616	676	623	603	596	609	634	630	629
Wootton	581	620	585	474	486	489	600	654	600	514	562	512	576	605	583
Special Schools ^b	440	482	445	323	357	263	560	580	500	375	330	410	501	593	524

Note. The combined score may differ by one point from the sum of the subtest scores because of rounding.

^aThe Class of 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^bSpecial school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.

Table A9
SAT Mean Most Recent Scores of MCPS Class of 2007^a by High School, Gender, and Service Group

High School	Male			Female			FARMS			Special Education			LEP		
	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing	Critical Reading	Math	Writing
MCPS	537	569	529	537	535	541	428	460	428	450	460	443	328	461	338
B-CC	595	605	577	574	562	579	416	420	391	464	441	432	290	390	360
Blair	578	599	561	535	534	545	408	455	423	496	519	486	275	358	296
Blake	506	528	492	535	516	533	418	434	410	442	415	417	330	380	330
Churchill	592	628	594	600	612	614	n/r	n/r	n/r	515	522	512	n/r	n/r	n/r
Damascus	527	558	515	509	517	514	442	491	447	391	393	358	n/r	n/r	n/r
Einstein	477	503	460	484	491	492	421	457	419	450	407	459	321	450	324
Gaithersburg	481	516	471	495	479	497	416	437	422	350	535	360	363	510	402
Kennedy	469	505	460	471	480	469	434	471	414	386	371	371	330	400	330
Magruder	516	559	502	530	532	528	424	448	425	430	425	398	320	453	340
Northwest	510	538	497	507	487	503	457	469	444	433	446	410	350	350	230
Paint Branch	489	533	495	489	492	491	430	432	431	422	386	401	440	520	510
Poolesville	568	601	549	580	581	588	n/r	n/r	n/r	568	607	545	n/r	n/r	n/r
Quince Orchard	542	581	539	525	530	534	444	489	450	443	480	438	371	547	371
Richard Montgomery	580	614	574	603	591	598	444	517	453	467	477	465	316	586	350
Rockville	512	549	508	529	527	534	439	483	443	500	488	471	370	510	400
Seneca Valley	482	516	482	486	492	494	408	457	421	356	347	333	358	493	348
Sherwood	523	558	526	535	535	539	414	485	429	418	451	431	314	453	304
Springbrook	514	537	497	508	499	513	440	437	442	428	463	449	395	420	440
Walter Johnson	568	595	559	582	579	583	490	551	501	438	414	440	351	550	358
Watkins Mill	484	505	483	484	465	486	421	423	422	390	363	414	278	383	295
Wheaton	452	492	431	426	435	422	424	458	412	311	396	333	346	366	326
Whitman	627	652	621	623	609	627	468	465	478	478	524	498	390	571	376
Wootton	573	626	569	589	613	601	527	579	504	476	515	480	325	498	325
Special Schools ^b	435	497	436	448	457	460	410	410	430	400	380	460	230	310	200

Note. The combined score may differ by one point from the sum of the subtest scores because of rounding. Mean scores are not reported (n/r) for subgroups with fewer than five test takers.

^a The Class of 2007 includes June graduates only. SAT data are not reported for students who graduated in August or January.

^b Special school enrollment includes night school students who enrolled in MCPS high schools in June in order to graduate.