

College Board SAT I REASONING CLASS OF 2005 SUMMARY REPORT

The SAT I: Reasoning Test is designed to assess many of the verbal and mathematics skills that are important to a student's success in college. Nationally, more than 1 million seniors in the Class of 2005 took the SAT I. In Florida, 67% of graduates took the SAT I, an increase from the 61% of test-takers in 2004. Over 10,800 Miami-Dade County Public Schools (M-DCPS) students participated in the SAT I. Based on October FTE enrollment, this represents 52% of the Class of 2005, a 5% increase in the participation rate from the 47% in 2004.

As with all college entrance exams, the population tested consists of self-selected students who participate on a voluntary basis. As a result, student demographic characteristics and the numbers and percent of students tested at each school can vary greatly both between schools and between years. Therefore, caution should be used in making comparisons, particularly in schools with relatively low numbers of students tested.

The attached report provides the following results for the district, state, and nation:

1. Average scores for 2003, 2004, and 2005, and the difference from 2004 to 2005;
2. The ethnic composition of test takers;
3. Two-year comparisons of results by ethnicity; and
4. Average scores for participating M-DCPS schools.

Table 1: SAT I Verbal and Mathematics Average Scores for 2003, 2004, and 2005, and Difference from 2004 to 2005

YEAR	Verbal			Mathematics		
	DISTRICT	STATE	NATION	DISTRICT	STATE	NATION
2003	466	498	507	464	498	519
2004	469	499	508	465	499	518
2005	466	498	508	465	498	520
Difference 2004- 2005	-3	-1	0	0	-1	+2

Highlights of Table 1 include:

- Verbal scores for the district and the state declined in 2005, while the national score remained stable.
- The district's 2005 average SAT mathematics score remained the same, while state and national trends were mixed.

Table 2: Ethnic Composition of 2005 SAT I Test Takers for the District, State and Nation.*

ETHNIC GROUP	PERCENT OF TEST TAKERS		
	DISTRICT	STATE	NATION
American Indian	<1	<1	1
Asian American	3	4	10
African American or Black	22	15	12
Hispanic: Mexican	1	1	5
Hispanic: Puerto Rican	3	3	1
Hispanic: Other	51	15	4
White: Non-Hispanic	13	56	62
Other	8	5	4
TOTAL	100	100	100

*These data are self-reported by the test-takers and may differ from the district files. The percent of test takers represent only those students who reported their ethnicity, and rounding may not sum to 100%.

Table 2 of this report displays the ethnic composition of test takers for the district, state and nation for 2005. It is important to note that not all test takers reported their ethnicity.

The profile of M-DCPS students taking the SAT is comparatively different from the state or nation. Participation of students from minority racial-ethnic groups has increased steadily. It should be noted that:

- In 2005, minority students in the district constituted 87% of the district's test-taking population, compared to only 44% in the state and 38% nationally.
- The most significant differences across the population of test takers is in the proportion of students who are African American/Black, Hispanic: Other, and White:Non-Hispanic.

Table 3: Two-year Comparison and Difference of SAT I Average Verbal Scores by Ethnicity for the District, State, and Nation

Ethnic Group	District			State			Nation		
	2004	2005	Diff	2004	2005	Diff	2004	2005	Diff
American Indian	447	448	+1	496	494	-2	483	489	+6
Asian American	501	516	+15	502	513	+11	507	511	+4
African American or Black	419	422	+3	429	429	0	430	433	+3
Hispanic: Mexican	443	489	+46	471	480	+9	451	453	+2
Hispanic: Puerto Rican	457	453	-4	468	470	+2	457	460	+3
Hispanic: Other	476	473	-3	482	482	0	461	463	+2
White, Non-Hispanic	515	518	+3	519	522	+3	528	532	+4
Other	470	460	-10	487	489	+2	494	495	+1
TOTAL	469	466	-3	499	498	-1	508	508	0

*These data are self-reported by the test-takers, and may differ from the district files.

Table 3 provides the average SAT I verbal scores for the district, state, and nation for the past two years and the difference. An examination of the data reveals:

- In comparison to 2004, minority students are outperforming their counterparts. This is representative of district, state, and national trends.
- The verbal scores for the district's American Indian, Asian American, African American/Black, Hispanic/Mexican and White Non-Hispanic students increased in 2005.

Table 4: Two-year Comparison of SAT I Average Mathematics Scores by Ethnicity for the District, State, and Nation

Ethnic Group	District			State			Nation		
	2004	2005	Diff	2004	2005	Diff	2004	2005	Diff
American Indian	445	484	+39	494	493	-1	488	493	+5
Asian American	546	557	+11	539	549	+10	577	580	+3
African American or Black	416	418	+2	427	427	0	427	431	+4
Hispanic: Mexican	436	475	+39	472	481	+9	458	463	+5
Hispanic: Puerto Rican	444	443	-1	458	460	+2	452	457	+5
Hispanic: Other	468	471	+3	478	481	+3	465	469	+4
White, Non-Hispanic	514	518	+4	517	521	+4	531	536	+5
Other	460	454	-6	481	485	+4	508	513	+5
TOTAL	465	465	0	499	498	-1	518	520	+2

*These data are self-reported by the test-takers, and may differ from the district files.

Table 4 provides results by ethnicity in mathematics:

- District Hispanic: Mexican and American Indian students showed the most significant gains in performance in mathematics, with a +39 point gain, followed by Asian American students with a +11 point gain.
- M-DCPS African American/Black students showed a +2 point gain in mathematics scores.
- In 2005, five of the seven minority groupings of district students attained higher mathematics scores than their counterparts in 2004.

Table 5: Miami-Dade County Public Schools' Individual School SAT I Results: Verbal and Mathematics Average Scores and Number Tested for 2004 and 2005

High School	Verbal		Mathematics		2004 # Tested	2005 # Tested
	2004	2005	2004	2005		
Academy for Comm. Education	466	N/A	500	N/A	57	<5*
American	446	451	443	450	213	281
G. Holmes Braddock	467	459	467	460	453	592
COPE Ctr. No.	N/A	N/A	N/A	N/A	1	6
Coral Gables	501	498	492	492	354	397
Coral Reef	525	517	512	515	510	663
Corp. Acad. No.	298	N/A	342	N/A	5	9
Corp. Acad. So	N/A	N/A	N/A	N/A	3	<5*
Design & Architecture	520	504	518	495	109	95
Doral Academy Charter	436	465	434	462	62	130
Barbara Goleman	460	469	457	471	393	419
Hialeah	455	438	425	420	318	386
Hialeah-Miami Lakes	461	460	452	451	202	254
Homestead	431	422	415	414	216	249
Dr. Michael M. Krop	491	499	498	500	492	560
D. MacArthur No.	N/A	N/A	N/A	N/A	3*	<5*
D. MacArthur So.	N/A	N/A	N/A	N/A	1*	6*
MAST Academy	577	590	570	580	123	132
Miami Beach	463	469	459	469	209	268
Miami Carol City	382	398	380	388	184	213
Miami Central	408	380	400	396	92	120
Miami Coral Park	445	459	443	459	522	597

Table 5: Continued

High School	Verbal		Mathematics		2004 # Tested	2005 # Tested
	2004	2005	2004	2005		
Miami Edison	376	373	386	384	57	73
Miami Jackson	389	415	406	417	87	128
Miami Killian	500	486	493	478	463	491
Miami Lakes Ed. Ctr	443	433	421	434	85	179
Miami Norland	418	393	408	393	220	261
Miami Northwestern	416	409	414	412	146	205
Miami Palmetto	527	523	535	537	547	611
Miami Senior	439	449	436	437	256	337
Miami Southridge	448	431	451	437	297	351
Miami Springs	452	432	448	438	263	365
Miami Sunset	478	467	484	473	389	531
R. Morgan Voc. Tech	N/A	442	N/A	392	4*	17
New World School of the Arts	534	533	528	509	99	105
North Miami	438	425	438	432	265	277
North Miami Beach	436	458	445	453	253	286
Sch. Adv. Studies Wolfson	565	604	562	596	53	50
Sch. Adv. Studies South	586	590	587	585	83	80
Sch. Adv. Studies	596	562	579	561	34	75
Sch. Appl. Tech.	N/A	494	N/A	474	2*	7
South Dade	448	461	439	446	202	229
South Miami	478	465	493	474	233	290
Southwest Miami	470	455	463	453	406	476
William H. Turner Tech	436	431	422	413	226	284
Felix Varela	471	459	461	460	552	653

Table 5: Continued

High School	Verbal		Mathematics		2004 # Tested	2005 # Tested
	2004	2005	2004	2005		
D.M. Wallace COPE	N/A	N/A	N/A	N/A	0	5*
Booker T. Washington	387	362	376	360	65	74
DISTRICT	469	466	465	465	9,757	10,823
STATE	499	498	499	498	87,290	93,505
NATION	508	508	518	520	1,419,007	1,475,623

*Note: School level scores are not reported for schools with fewer than 5 students tested. However, the district total number tested and average scores are based on all students.

Table 5 provides the 2004 and 2005 SAT I average scores and the number of students tested for each of the participating M-DCPS senior high schools. Highlights of Table 5 are as follows:

- The number of students participating in the SAT testing program increased for the majority of schools.
- Of the 39 schools with two years of data, 36% increased their average verbal score and 46% increased their average mathematics score.
- Twenty four percent (24%, or 10 out of 41) of schools with 2005 reported average scores met or exceeded the state verbal average score, while 20% or (8 out of 41) met or exceeded the state average in mathematics.
- Seventeen percent (17%, or 7 out of 41) of schools with 2005 reported average scores scored at or higher than the national verbal average. Twelve percent (12%, or 5 of out 41) of the schools scored at or higher than the national mathematics average.

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