

August 31, 2006

MEMORANDUM

TO: Mr. Raymond J. Baker, Superintendent

FR: Dr. Cynthia M. Janssen, Chief Academic Officer

RE: 2005-06 SAT Assessment Results

The SAT is an objective, multiple-choice test that measures verbal, math, and writing reasoning abilities (this is the first year writing was added). The test is designed to measure aptitude for success in college freshmen courses, and the scores are intended to be used with the secondary school record and other information about the student in assessing readiness for college-level work.

In looking at the SAT mean scores, it is important to consider participation rates and to understand the level of academic courses studied. Mean scores analyzed from a number of years can reveal trends in the academic preparation of students who took the test and can provide individual schools and districts with valuable information for program improvement. Caution should be exercised when using these results to rank or rate teachers, educational institutions, districts, or states because the SAT is only one measure and does not include all students.

SAT scores range from 200-800. The District SAT verbal, math, and writing mean scores for 2005-2006 graduating seniors were 503, 513, and 489, respectively.

Some highlights of the FY06 results are as follows:

District Overall Results

- ❖ Table 1 shows that the District verbal, math and writing mean scores were higher than the State.
- ❖ Table 2a shows that the number of college-bound seniors who took the SAT increased from 1139 to 1180, which is about 47% of our seniors. Table 2b shows the district mean scores over the last five years.
- ❖ Table 3 shows that white, Hispanic, and black students increased in the number

of test takers, while the Hispanic students also increased in participation rate.

- ❖ Table 4 shows that the higher the level of parental education the higher the student's SAT scores.

School Results

- ❖ Table 5 shows the school SAT participation rates. Both Palmetto Ridge and Golden Gate increased in participation rates.
- ❖ Table 6 shows the mean scores by school. Compared to last year, Golden Gate, Gulf Coast, Naples, and Palmetto Ridge increased in both verbal and math mean scores.
- ❖ Table 7 shows the SAT scores of students who were ranked among the top tenth of their schools. For math and writing mean scores, Naples has the highest top ranking students; for verbal mean scores, Barron Collier has the highest top ranking students.

Table 1
SAT Verbal, Writing, and Math Mean Scores by District, State, and Nation

	<i>FY06 Verbal</i>	<i>FY06 Writing</i>	<i>FY06 Math</i>
District	503	489	513
Florida	496	480	497
Nation	503	497	518

Table 2a
Participation Rates of District, State, and Nation: FY02-FY06

	FY02		FY03		FY04		FY05		FY06	
	N	%	N	%	N	%	N	%	N	%
District	903	52%	1039	55%	1035	50%	1139	52%	1180	47%
Florida	75,664	57%	83,397	61%	87,290	64%	93,505	65%	94,601	64%
Nation	1,327,831	46%	1,406,324	48%	1,419,007	48%	1,475,623	49%	1,465,744	48%

Table 2b
FY02-FY06 SAT Verbal, Writing, and Math Mean Scores by District, State, and Nation

		FY02	FY03	FY04	FY05	FY06
District	Verbal	503	508	505	504	503
	Writing	--	--	--	--	489
	Math	517	518	512	514	513
Florida	Verbal	496	498	499	498	496
	Writing	--	--	--	--	480
	Math	499	498	499	498	497
Nation	Verbal	504	507	508	508	503
	Writing	--	--	--	--	497
	Math	516	519	518	520	518

Table 3
Number of College-Bound Senior SAT Test Takers and Participation Rate for the District
by Race/Ethnicity: FY02-FY06

WHITE STUDENTS

FISCAL YEAR	FY02	FY03	FY04	FY05	FY06	State	Nation
Number	596	607	628	795	820	49,721	825,921
Part. Rate	54%	49%	54%	63%	56%	--	--
Verbal Mean	510	517	511	514	516	518	527
Writing Mean	--	--	--	--	503	502	519
Math Mean	524	528	520	528	528	521	536

BLACK STUDENTS

FISCAL YEAR	FY02	FY03	FY04	FY05	FY06	State	Nation
Number	25	30	39	52	54	12,575	150,643
Part. Rate	12%	14%	15%	21%	18%	--	--
Verbal Mean	400	401	441	447	421	431	434
Writing Mean	--	--	--	--	416	418	428
Math Mean	396	418	439	459	410	424	429

HISPANIC STUDENTS

FISCAL YEAR	FY02	FY03	FY04	FY05	FY06	State	Nation
Number	85	97	137	148	180	18,553	151,761
Part. Rate	21%	19%	23%	23%	25%	--	--
Verbal Mean	466	471	480	472	459	474	457
Writing Mean	--	--	--	--	442	458	450
Math Mean	487	485	479	473	473	471	461

Note. The participation rate for a disaggregated group is determined by dividing the number of district college-bound seniors in that group taking the SAT by the total number of district seniors in that group recorded in Survey 3.

Table 4
FY06 SAT Mean Scores Corresponding to Parental Education

PARENTAL EDUCATION	% of Test Takers	Verbal	Writing	Math
HS Diploma or Associate's	43	485	468	494
Bachelor's Degree	30	523	510	533
Graduate Degree	23	528	517	535

Table 5
Number of SAT Test Takers and Participation Rate by High School: FY02-FY06

	FY02		FY03		FY04		FY05		FY06	
	N	%	N	%	N	%	N	%	N	%
Barron Collier	299	84%	324	77%	307	84%	358	85%	395	82%
Everglades	4	-	5	50%	6	67%	3	33%	4	2%
Golden Gate	-	-	-	-	-	-	36	17%	66	27%
Gulf Coast	188	51%	255	57%	334	62%	305	80%	253	62%
Immokalee	4	2%	3	2%	4	2%	5	2%	4	-
Lely	164	52%	195	50%	186	50%	180	52%	171	47%
Naples	254	63%	257	61%	198	52%	208	73%	191	64%
Palmetto Ridge	-	-	-	-	-	-	44	30%	96	39%

Table 6
FY02-FY06 SAT Verbal, Writing, and Math Mean Scores by High School

		FY02	FY03	FY04	FY05	FY06
Barron Collier	Verbal	516	519	520	522	515
	Writing	-	-	-	-	498
	Math	532	530	530	535	527
Golden Gate	Verbal	-	-	-	438	465
	Writing	-	-	-	-	438
	Math	-	-	-	448	461
Gulf Coast	Verbal	498	493	500	498	508
	Writing	-	-	-	-	503
	Math	508	506	514	505	520
Lely	Verbal	489	494	491	493	489
	Writing	-	-	-	-	463
	Math	515	501	494	502	496
Naples	Verbal	500	520	507	510	514
	Writing	-	-	-	-	507
	Math	511	527	505	523	528
Palmetto Ridge	Verbal	-	-	-	478	480
	Writing	-	-	-	-	464
	Math	-	-	-	474	482

Table 7
FY02-FY06 Top Tenth Ranking Students
SAT Verbal, Writing, and Math Mean Scores by High School

		FY02	FY03	FY04	FY05	FY06
Barron Collier	Verbal	626	626	612	625	609
	Writing	-	-	-	-	568
	Math	662	645	625	645	614
Gulf Coast	Verbal	579	603	560	591	583
	Writing	-	-	-	-	592
	Math	603	600	588	593	611
Lely	Verbal	570	571	525	562	569
	Writing	-	-	-	-	530
	Math	622	604	554	587	578
Naples	Verbal	596	661	586	604	592
	Writing	-	-	-	-	611
	Math	614	651	622	618	640
Palmetto Ridge	Verbal	-	-	-	512	561
	Writing	-	-	-	-	542
	Math	-	-	-	552	579
Golden Gate	Verbal	-	-	-	534	536
	Writing	-	-	-	-	506
	Math	-	-	-	562	531
District	Verbal	596	609	569	594	580
	Writing	-	-	-	-	563
	Math	624	620	592	610	598
State	Verbal	-	-	-	578	496
	Writing	-	-	-	-	480
	Math	-	-	-	587	497
Nation	Verbal	-	-	-	585	503
	Writing	-	-	-	-	497
	Math	-	-	-	606	518

