

## MEMORANDUM

September 04, 2013

TO: Board Members, Collier County Public School

FR: Dr. Kamela Patton, Superintendent

RE: **2012-13 SAT Assessment Results**

The SAT is an objective, multiple-choice test that measures critical reading, math, and writing reasoning abilities. The test is designed to measure aptitude for success in college freshmen courses. 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 critical reading, math, and writing mean scores for 2012-2013 graduating seniors were 490, 493, and 475, respectively.

Tables 1 through 5 show the detail results.

**Table 1**  
**SAT Critical Reading, Writing, and Math Mean Score Comparison**

	<b>FY13 Critical Reading</b>	<b>FY13 Writing</b>	<b>FY13 Math</b>
<b>District</b>	490	477	493
<b>Florida</b>	492	475	490
<b>Nation</b>	496	488	514

**Table 2a**  
**Five-Year Trend of Participation Rates for District, State, and Nation**

	<b>FY09</b>		<b>FY10</b>		<b>FY11</b>		<b>FY12</b>		<b>FY13</b>	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
<b>District</b>	1,152	42%	1,395	49%	1,526	54%	1,569	60%	1,620	58%
<b>Florida</b>	104,140	--	107,468	--	114,769	--	112,057	--	112,554	--
<b>Nation</b>	1,573,110	--	1,597,329	--	1,647,123	--	1,664,479	--	1,660,047	--

**Table 2b**  
**Five-Year Trend of SAT Critical Reading, Writing, and Math Mean Scores**

		<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>District</b>	Critical Reading	503	497	484	491	490
	Writing	485	478	468	474	477
	Math	509	506	493	497	493
<b>Florida</b>	Critical Reading	495	495	487	492	492
	Writing	478	478	471	476	475
	Math	496	496	489	492	490
<b>Nation</b>	Critical Reading	499	500	497	496	496
	Writing	492	491	489	488	488
	Math	514	515	514	514	514

**Table 3**  
**Five-Year Trend for College-Bound Senior SAT Test Takers:**  
**Mean Scores and Participation Rate by Ethnicity**

**WHITE STUDENTS**

<b>FISCAL YEAR</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>Number</b>	740	851	893	888	880
<b>Part. Rate</b>	52%	61%	65%	67%	67%
<b>Critical Reading Mean</b>	518	520	510	519	520
<b>Writing Mean</b>	502	500	494	500	508
<b>Math Mean</b>	526	532	521	525	528

**BLACK STUDENTS**

<b>FISCAL YEAR</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>Number</b>	70	112	139	125	136
<b>Part. Rate</b>	19%	28%	40%	43%	38%
<b>Critical Reading Mean</b>	437	407	410	426	418
<b>Writing Mean</b>	420	389	389	413	405
<b>Math Mean</b>	423	406	407	422	410

**HISPANIC STUDENTS**

<b>FISCAL YEAR</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>Number</b>	255	305	392	450	483
<b>Part. Rate</b>	28%	32%	40%	52%	48%
<b>Critical Reading Mean</b>	480	477	462	460	466
<b>Writing Mean</b>	458	464	450	445	453
<b>Math Mean</b>	485	485	468	468	467

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 (W=1309, H=1007, and B=361).

**Table 4**  
**Five-Year Trend for SAT Critical Reading, Writing, and Math:**  
**Mean Scores by High School**

		<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>Barron Collier</b>	Critical Reading	519	530	521	519	516
	Writing	494	507	510	502	502
	Math	534	538	526	532	527
<b>Everglades</b>	Critical Reading	--	--	--	453	407
	Writing	--	--	--	403	367
	Math	--	--	--	435	378
<b>Golden Gate</b>	Critical Reading	484	422	428	438	449
	Writing	455	404	406	425	435
	Math	473	422	431	442	434
<b>Gulf Coast</b>	Critical Reading	514	505	497	508	513
	Writing	504	494	483	488	506
	Math	518	525	512	517	529
<b>Immokalee</b>	Critical Reading	439	529	386	389	342
	Writing	440	500	374	394	358
	Math	472	484	391	401	373
<b>Lorenzo Walker</b>	Critical Reading	--	465	479	443	445
	Writing	--	438	438	424	420
	Math	--	470	464	449	429
<b>Lely</b>	Critical Reading	495	478	455	475	505
	Writing	476	454	436	462	480
	Math	504	484	454	487	499
<b>Naples</b>	Critical Reading	509	513	514	511	517
	Writing	500	498	496	497	504
	Math	515	528	530	514	515
<b>Palmetto Ridge</b>	Critical Reading	480	492	460	490	481
	Writing	458	466	445	464	463
	Math	484	487	469	482	473

**Table 5**  
**Number of SAT Test Takers and Participation Rate by High School**

	FY09		FY10		FY11		FY12		FY13	
	N	%	N	%	N	%	N	%	N	%
<b>Barron Collier</b>	253	65%	285	78%	325	81%	333	79%	337	82%
<b>Everglades</b>	4	50%	1	14%	4	67%	6	75%	6	67%
<b>Golden Gate</b>	112	37%	132	46%	139	42%	113	47%	145	52%
<b>Gulf Coast</b>	272	64%	343	73%	370	79%	322	73%	340	75%
<b>Immokalee</b>	10	4%	8	3%	57	20%	82	33%	99	33%
<b>Lely</b>	116	35%	124	37%	141	44%	117	45%	130	42%
<b>Lorenzo Walker</b>	2	--	62	54%	39	36%	72	67%	61	58%
<b>Naples</b>	193	56%	216	57%	225	64%	277	77%	267	74%
<b>Palmetto Ridge</b>	190	46%	224	61%	226	60%	247	69%	235	60%

Note. The participation rate is determined by dividing the number SAT Test Takers by the total number of seniors in that school recorded in Survey 3.