

# MEMORANDUM

October 16, 2014

TO: Board Members, Collier County Public School

FR: Dr. Kamela Patton, Superintendent

RE: 2013-14 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 2013-2014 graduating seniors were 499, 494, and 480, respectively.

Tables 1 through 5 show the detail results.

- Table 1 shows that the district is higher than both the state and the nation in Critical Reading. The district is also higher than the state in Writing and Math but lower than the nation in Writing and Math.
- Table 2a shows the participation rate over time. The district has been higher than the nation but lower than the state.
- Table 2b shows that over the last five years the district improved in Critical Reading, Writing and Math.
- Table 3 shows the mean scores and participation rate by race/ethnicity.
- Table 4 shows that Barron was the highest in Critical Reading and Math, and Gulf Coast was the highest in Writing.
- Table 5 shows the participation rate by school. Barron Collier and Gulf Coast have the highest percentage rate. (Everglades has a high participate rate but only has 9 students.)
- Table 6 shows the highest tenth within the school. Barron was the highest in Critical Reading and Math, and Gulf Coast was the highest in Writing.

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

	FY14 Critical Reading	FY14 Writing	FY14 Math
<b>District</b>	499	480	494
<b>Florida</b>	491	472	485
<b>Nation</b>	497	487	513

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

	FY10		FY11		FY12		FY13		FY14	
	N	%	N	%	N	%	N	%	N	%
<b>District</b>	1,395	49%	1,526	54%	1,569	60%	1,620	58%	1,416	55%
<b>Florida</b>	107,468	62%	114,769	64%	112,057	66%	112,554	67%	115,437	72%
<b>Nation</b>	1,597,329	48%	1,647,123	50%	1,664,479	52%	1,660,047	50%	1,672,395	52%

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

		FY10	FY11	FY12	FY13	FY14
<b>District</b>	Critical Reading	497	484	491	490	499
	Writing	478	468	474	477	480
	Math	506	493	497	493	494
<b>Florida</b>	Critical Reading	495	487	492	492	491
	Writing	478	471	476	475	472
	Math	496	489	492	490	485
<b>Nation</b>	Critical Reading	500	497	496	496	497
	Writing	491	489	488	488	487
	Math	515	514	514	514	513

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

**WHITE STUDENTS**

<b>FISCAL YEAR</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>
<b>Number</b>	851	893	888	880	794
<b>Part. Rate</b>	61%	65%	67%	67%	66%
<b>Critical Reading Mean</b>	520	510	519	520	519
<b>Writing Mean</b>	500	494	500	508	502
<b>Math Mean</b>	532	521	525	528	516

**BLACK STUDENTS**

<b>FISCAL YEAR</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>
<b>Number</b>	112	139	125	136	105
<b>Part. Rate</b>	28%	40%	43%	38%	34%
<b>Critical Reading Mean</b>	407	410	426	418	432
<b>Writing Mean</b>	389	389	413	405	412
<b>Math Mean</b>	406	407	422	410	410

**HISPANIC STUDENTS**

<b>FISCAL YEAR</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>
<b>Number</b>	305	392	450	483	416
<b>Part. Rate</b>	32%	40%	52%	48%	40%
<b>Critical Reading Mean</b>	477	462	460	466	472
<b>Writing Mean</b>	464	450	445	453	452
<b>Math Mean</b>	485	468	468	467	465

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>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>
<b>Barron Collier</b>	Critical Reading	530	521	519	516	527
	Writing	507	510	502	502	505
	Math	538	526	532	527	533
<b>Everglades</b>	Critical Reading	--	--	453	407	420
	Writing	--	--	403	367	376
	Math	--	--	435	378	436
<b>Golden Gate</b>	Critical Reading	422	428	438	449	450
	Writing	404	406	425	435	438
	Math	422	431	442	434	439
<b>Gulf Coast</b>	Critical Reading	505	497	508	513	521
	Writing	494	483	488	506	506
	Math	525	512	517	529	519
<b>Immokalee</b>	Critical Reading	529	386	389	342	415
	Writing	500	374	394	358	403
	Math	484	391	401	373	429
<b>Lorenzo Walker</b>	Critical Reading	465	479	443	445	454
	Writing	438	438	424	420	434
	Math	470	464	449	429	427
<b>Lely</b>	Critical Reading	478	455	475	505	484
	Writing	454	436	462	480	463
	Math	484	454	487	499	483
<b>Naples</b>	Critical Reading	513	514	511	517	509
	Writing	498	496	497	504	491
	Math	528	530	514	515	505
<b>Palmetto Ridge</b>	Critical Reading	492	460	490	481	490
	Writing	466	445	464	463	468
	Math	487	469	482	473	472

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

	FY10		FY11		FY12		FY13		FY14	
	N	%	N	%	N	%	N	%	N	%
<b>Barron Collier</b>	285	78%	325	81%	333	79%	337	82%	270	73%
<b>Everglades</b>	1	14%	4	67%	6	75%	6	67%	9	82%
<b>Golden Gate</b>	132	46%	139	42%	113	47%	145	52%	126	44%
<b>Gulf Coast</b>	343	73%	370	79%	322	73%	340	75%	320	74%
<b>Immokalee</b>	8	3%	57	20%	82	33%	99	33%	40	15%
<b>Lely</b>	124	37%	141	44%	117	45%	130	42%	118	38%
<b>Lorenzo Walker</b>	62	54%	39	36%	72	67%	61	58%	55	49%
<b>Naples</b>	216	57%	225	64%	277	77%	267	74%	201	68%
<b>Palmetto Ridge</b>	224	61%	226	60%	247	69%	235	60%	273	64%

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.

**Table 6**  
**FY09-FY14 Top Tenth Ranking Students**  
**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>FY14</b>
<b>Barron Collier</b>	Critical Reading	624	636	627	626	634	603
	Writing	579	619	618	608	635	584
	Math	652	633	637	638	648	616
<b>Everglades</b>	Critical Reading	--	--	--	--	--	--
	Writing	--	--	--	--	--	--
	Math	--	--	--	--	--	--
<b>Golden Gate</b>	Critical Reading	568	452	523	514	536	496
	Writing	538	437	515	515	522	500
	Math	552	473	538	545	531	515
<b>Gulf Coast</b>	Critical Reading	604	616	599	608	623	635
	Writing	603	604	598	570	632	615
	Math	614	637	626	632	665	639
<b>Lely</b>	Critical Reading	568	558	547	515	593	571
	Writing	533	536	520	530	561	555
	Math	598	579	537	557	597	590
<b>Lorenzo Walker</b>	Critical Reading	-	556	516	500	493	514
	Writing	-	542	486	476	494	494
	Math	-	548	497	506	503	498
<b>Immokalee</b>	Critical Reading	502	-	520	478	--	503
	Writing	492	-	460	500	--	478
	Math	514	-	514	518	--	504
<b>Naples</b>	Critical Reading	643	610	628	621	631	587
	Writing	640	596	608	601	606	574
	Math	678	647	653	670	630	616
<b>Palmetto Ridge</b>	Critical Reading	572	602	546	544	600	549
	Writing	526	581	525	524	559	547
	Math	590	607	575	554	571	567
<b>District</b>	Critical Reading	593	591	582	569	596	573
	Writing	570	574	567	555	584	560
	Math	611	604	598	595	604	586
<b>State</b>	Critical Reading	574	575	572	575	574	575
	Writing	559	562	560	563	560	559
	Math	587	589	586	587	584	581
<b>Nation</b>	Critical Reading	576	578	575	573	572	575
	Writing	573	575	572	571	596	569
	Math	603	606	606	606	606	606