

August 23, 2013

**MEMORANDUM**

TO: Board Members, Collier County Public School

FR: Dr. Kamela Patton, Superintendent

RE: **2013 ACT Assessment Results**

The ACT measures selected skills and acquired knowledge obtained in high school and is designed to predict the likelihood of student success in college freshman courses. The test content covers subject-area knowledge (e.g., reading and mathematics) as well as reasoning and problem solving.

Average ACT scores from multiple years can reveal trends in the academic preparation of students who took the test, and can provide individual schools and districts with one way of self-evaluation and self-comparison. Caution should be exercised when using the results to rank or rate teachers, schools, or districts because they are only one measure and do not include all students. Also, college-bound students have the option to choose among ACT, SAT or other college entrance tests. Some colleges do not require any college entrance test.

In the last few years, the State of Florida allowed seniors who took the ACT and scored above a certain cutoff to be waived from having to pass the FCAT as part of the graduation requirement. This resulted in an increase in the ACT participation rate, and many of these test-takers might not be college-bound.

ACT scores range from 1 to 36. Overall the district increased in both the participation rate and the test scores.

Tables 1-6 show the detail results.

**Table 1**  
**Number of ACT Test Takers and Participation Rate**  
**District, State, and Nation: FY09-FY13**

YEAR	FY09		FY10		FY11		FY12		FY13	
	N	%	N	%	N	%	N	%	N	%
<b>District</b>	1,616	59%	1,779	63%	1,778	63%	1,773	68%	1,998	72%
<b>Florida</b>	105,297	62%	113,480	65%	117,575	66%	118,420	67%	124,131	62%
<b>Nation</b>	1,480,469	45%	1,568,835	47%	1,623,112	49%	1,666,017	--	1,799,243	--

Note. The district participation rate is determined by dividing the number of district seniors taking the ACT by the total number of district seniors recorded in Survey 3 data.

**Table 2**  
**FY09-FY13 ACT Average Scores for the District, State, and Nation**

		FY09	FY10	FY11	FY12	FY13
<b>Composite Scores</b>	<b>District</b>	19.4	19.3	19.5	20.1	19.8
	<b>Florida</b>	19.5	19.5	19.6	19.8	19.6
	<b>Nation</b>	21.1	21.0	21.1	21.1	20.9
<b>English Scores</b>	<b>District</b>	18.5	18.1	18.5	19.2	18.8
	<b>Florida</b>	18.7	18.6	18.8	18.9	18.7
	<b>Nation</b>	20.6	20.5	20.6	20.5	20.2
<b>Mathematics Scores</b>	<b>District</b>	19.6	19.6	19.9	20.4	19.9
	<b>Florida</b>	19.7	19.7	19.9	20.0	19.7
	<b>Nation</b>	21.0	21.0	21.1	21.1	20.9
<b>Reading Scores</b>	<b>District</b>	20.0	19.8	19.9	20.6	20.4
	<b>Florida</b>	20.2	20.1	20.2	20.5	20.4
	<b>Nation</b>	21.4	21.3	21.3	21.3	21.1
<b>Science Scores</b>	<b>District</b>	19.1	19.2	19.2	19.8	19.5
	<b>Florida</b>	19.0	19.1	19.1	19.3	19.1
	<b>Nation</b>	20.9	20.9	20.9	20.9	20.7

---

The number of students taking the test increase from FY12 (1998), the number of 12<sup>th</sup> graders in FY13 has also increased from 2605 to 2787.

**Table 3**  
**FY09-FY13 ACT Composite Scores and Participation Rates by Race**

Composite Scores		FY09	FY10	FY11	FY12	FY13
	<b>Black</b>	16.2	16.2	16.3	16.3	16.4
	<b>White</b>	22.0	22.3	22.4	22.7	22.4
	<b>Hispanic</b>	17.7	17.3	17.6	18.3	18.2
Number of Students	<b>Black</b>	216	282	267	223	295
	<b>White</b>	719	714	727	769	805
	<b>Hispanic</b>	478	560	638	629	721

**Table 4**  
**Number of ACT Test Takers and Participation Rate by School: FY09-FY13**

	FY09		FY10		FY11		FY12		FY13	
	N	%	N	%	N	%	N	%	N	%
<b>Barron Collier</b>	197	50%	197	54%	219	55%	283	67%	296	72%
<b>Golden Gate</b>	203	67%	211	74%	205	62%	153	64%	212	76%
<b>Gulf Coast</b>	281	66%	323	68%	325	69%	327	74%	353	78%
<b>Immokalee</b>	252	92%	285	96%	263	93%	235	95%	300	101%
<b>Lely</b>	223	67%	246	73%	258	81%	218	84%	231	75%
<b>Lorenzo Walker</b>	0	-	66	57%	58	54%	74	69%	70	67%
<b>Naples</b>	212	62%	242	63%	245	70%	263	73%	264	73%
<b>Palmetto Ridge</b>	245	60%	205	55%	204	54%	214	60%	264	67%

Note. The participation rate is determined by dividing the number of seniors taking the ACT by the total number of seniors recorded in Survey 3.

**Table 5  
FY09-FY13 ACT Average Scores by School**

		<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
<b>Composite Scores</b>	<b>Barron Collier</b>	22.8	23.8	22.7	23.0	23.0
	<b>Golden Gate</b>	17.2	16.4	17.2	17.0	17.8
	<b>Gulf Coast</b>	21.7	21.5	21.9	22.0	22.0
	<b>Immokalee</b>	15.9	15.8	16.1	16.7	16.3
	<b>Lely</b>	18.7	18.1	17.9	18.2	18.6
	<b>Lorenzo Walker</b>	-	18.5	18.3	18.1	17.1
	<b>Naples</b>	20.8	20.9	21.1	21.7	21.1
	<b>Palmetto Ridge</b>	19.0	19.3	19.3	20.2	19.1
<b>English Scores</b>	<b>Barron Collier</b>	22.6	23.7	22.2	22.3	22.6
	<b>Golden Gate</b>	15.7	14.9	16.0	15.5	16.3
	<b>Gulf Coast</b>	21.6	20.9	21.3	21.4	21.6
	<b>Immokalee</b>	14.1	13.6	14.3	15.3	14.6
	<b>Lely</b>	17.7	16.5	16.7	17.1	17.3
	<b>Lorenzo Walker</b>	-	16.6	17.7	16.9	15.6
	<b>Naples</b>	20.1	20.2	20.4	21.2	20.6
	<b>Palmetto Ridge</b>	17.8	18.1	18.5	19.1	18.0
<b>Math Scores</b>	<b>Barron Collier</b>	22.7	23.4	22.9	22.9	23.0
	<b>Golden Gate</b>	17.7	17.0	17.6	17.8	17.9
	<b>Gulf Coast</b>	21.5	21.6	22.0	22.0	21.9
	<b>Immokalee</b>	16.2	16.5	17.2	17.3	16.8
	<b>Lely</b>	18.8	18.4	18.3	18.9	18.7
	<b>Lorenzo Walker</b>	-	19.0	18.1	18.6	17.4
	<b>Naples</b>	21.1	21.0	21.5	21.8	21.2
	<b>Palmetto Ridge</b>	19.3	19.5	19.5	20.5	19.3
<b>Reading Scores</b>	<b>Barron Collier</b>	23.2	24.2	23.2	23.6	23.8
	<b>Golden Gate</b>	18.0	16.7	17.4	17.2	18.5
	<b>Gulf Coast</b>	22.2	21.9	22.4	22.5	22.4
	<b>Immokalee</b>	16.6	16.3	16.4	17.4	16.8
	<b>Lely</b>	19.2	18.6	18.5	18.5	19.5
	<b>Lorenzo Walker</b>	-	18.9	19.2	18.6	18.0
	<b>Naples</b>	21.1	21.3	21.5	22.4	21.5
	<b>Palmetto Ridge</b>	19.8	20.1	19.8	20.8	19.9
<b>Science Scores</b>	<b>Barron Collier</b>	22.3	23.2	22.1	22.7	22.2
	<b>Golden Gate</b>	17.0	16.4	17.4	17.2	17.8
	<b>Gulf Coast</b>	20.9	21.2	21.4	21.6	21.6
	<b>Immokalee</b>	16.3	16.1	15.9	16.3	16.6
	<b>Lely</b>	18.5	17.9	17.7	17.9	18.3
	<b>Lorenzo Walker</b>	-	18.9	18.1	17.9	16.8
	<b>Naples</b>	20.5	20.4	20.5	21.0	20.8
	<b>Palmetto Ridge</b>	18.5	19.3	18.9	20.0	18.7

---

The number of students taking the test increase from FY12 (1998), the number of 12<sup>th</sup> graders in FY13 has also increased from 2605 to 2787.

**Table 6**  
**FY09-FY13 ACT Scores and College-Readiness by Subject**

	Percent Ready for all Four				
	FY09	FY10	FY11	FY12	FY13
<b>District</b>	15	16	17	20	20
<b>State</b>	15	16	17	18	19
<b>Nation</b>	23	24	25	25	26

	Percent Ready in English				
	FY09	FY10	FY11	FY12	FY13
<b>District</b>	53	52	53	61	55
<b>State</b>	55	54	55	57	54
<b>Nation</b>	67	66	66	67	64

	Percent Ready in Math				
	FY09	FY10	FY11	FY12	FY13
<b>District</b>	32	33	36	41	36
<b>State</b>	33	34	36	37	35
<b>Nation</b>	42	43	45	46	44

	Percent Ready in Reading				
	FY09	FY10	FY11	FY12	FY13
<b>District</b>	43	41	42	48	38
<b>State</b>	43	43	44	46	38
<b>Nation</b>	53	52	52	52	44

	Percent Ready in Science				
	FY09	FY10	FY11	FY12	FY13
<b>District</b>	19	20	20	25	29
<b>State</b>	19	20	20	22	26
<b>Nation</b>	28	29	30	31	36

---

The number of students taking the test increase from FY12 (1998), the number of 12<sup>th</sup> graders in FY13 has also increased from 2605 to 2787.