

August 21, 2014

MEMORANDUM

TO: Board Members, Collier County Public School

FR: Dr. Kamela Patton, Superintendent

RE: 2014 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.

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

Tables 1-6 show the detailed results.

Table 1 shows that the district and state participation rates are much higher than the national participation rate. The participation rates have also increased every year since FY11. These increases were a result of the state policy where seniors were allowed to use ACT scores in lieu of the FCAT to meet the graduation requirement.

Across the nation, ACT tests are taken by students who are college bound. However, in Collier County and across the state of Florida, ACT tests are also taken by students who are taking the ACT as a substitute for the FCAT tests to meet the graduation requirement. Many of these students have repeatedly failed the FCAT tests, and were encouraged to take the ACT tests (perceived to be an easier test by many), to increase the chances of meeting the graduation requirement.

Table 2 shows that the district composite score is the same as the state but lower than the nation. This corresponded to the increase in the number of lower-scoring students who took the ACT to meet the high school graduation requirement. In Collier County, of the ACT test takers, 46% of the students did not pass the FCAT at 10th grade and took the ACT as one of the attempts to meet the graduation requirement.

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

Table 1

**Number of ACT Test Takers and Participation Rate
District, State, and Nation: FY10-FY14**

YEAR	FY10		FY11		FY12		FY13		FY14	
	N	%	N	%	N	%	N	%	N	%
District	1,779	63%	1,778	63%	1,773	68%	1,998	72%	1987	74%
Florida	113,480	65%	117,575	66%	118,420	70%	124,131	74%	129,676	81%
Nation	1,568,835	47%	1,623,112	49%	1,666,017	52%	1,799,243	54%	1,845,787	57%

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
FY10-FY14 ACT Average Scores for the District, State, and Nation**

		FY10	FY11	FY12	FY13	FY14
Composite Scores	District	19.3	19.5	20.1	19.8	19.6
	Florida	19.5	19.6	19.8	19.6	19.6
	Nation	21.0	21.1	21.1	20.9	21.0
English Scores	District	18.1	18.5	19.2	18.8	18.7
	Florida	18.6	18.8	18.9	18.7	18.7
	Nation	20.5	20.6	20.5	20.2	20.3
Mathematics Scores	District	19.6	19.9	20.4	19.9	19.5
	Florida	19.7	19.9	20.0	19.7	19.5
	Nation	21.0	21.1	21.1	20.9	20.9
Reading Scores	District	19.8	19.9	20.6	20.4	20.5
	Florida	20.1	20.2	20.5	20.4	20.7
	Nation	21.3	21.3	21.3	21.1	21.3
Science Scores	District	19.2	19.2	19.8	19.5	19.3
	Florida	19.1	19.1	19.3	19.1	19.1
	Nation	20.9	20.9	20.9	20.7	20.8

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

Table 3
FY10-FY14 ACT Composite Scores and Participation Rates by Race

Composite Scores		FY10	FY11	FY12	FY13	FY14
	Black	16.2	16.3	16.3	16.4	16.4
	White	22.3	22.4	22.7	22.4	22.2
	Hispanic	17.3	17.6	18.3	18.2	18.1
Number of Students	Black	282	267	223	295	238
	White	714	727	769	805	752
	Hispanic	560	638	629	721	816

Table 4
Number of ACT Test Takers and Participation Rate by School: FY10-FY14

	FY10		FY11		FY12		FY13		FY14	
	N	%	N	%	N	%	N	%	N	%
Barron Collier	197	54%	219	55%	283	67%	296	72%	292	79%
Golden Gate	211	74%	205	62%	153	64%	212	76%	221	76%
Gulf Coast	323	68%	325	69%	327	74%	353	78%	330	76%
Immokalee	285	96%	263	93%	235	95%	300	101%	296	108%
Lely	246	73%	258	81%	218	84%	231	75%	269	87%
Lorenzo Walker	66	57%	58	54%	74	69%	70	67%	78	66%
Naples	242	63%	245	70%	263	73%	264	73%	212	72%
Palmetto Ridge	205	55%	204	54%	214	60%	264	67%	266	63%

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.

Many reported ACT test-takers have left the school prior to the senior year or during the senior year, resulting in some participation rate with over 100%.

**Table 5
FY10-FY14 ACT Average Scores by School**

		FY10	FY11	FY12	FY13	FY14
Composite Scores	Barron Collier	23.8	22.7	23.0	23.0	22.3
	Golden Gate	16.4	17.2	17.0	17.8	17.8
	Gulf Coast	21.5	21.9	22.0	22.0	21.9
	Immokalee	15.8	16.1	16.7	16.3	16.3
	Lely	18.1	17.9	18.2	18.6	18.4
	Lorenzo Walker	18.5	18.3	18.1	17.1	18.2
	Naples	20.9	21.1	21.7	21.1	21.4
	Palmetto Ridge	19.3	19.3	20.2	19.1	19.5
English Scores	Barron Collier	23.7	22.2	22.3	22.6	21.8
	Golden Gate	14.9	16.0	15.5	16.3	17.1
	Gulf Coast	20.9	21.3	21.4	21.6	21.6
	Immokalee	13.6	14.3	15.3	14.6	14.6
	Lely	16.5	16.7	17.1	17.3	16.9
	Lorenzo Walker	16.6	17.7	16.9	15.6	17.2
	Naples	20.2	20.4	21.2	20.6	20.6
	Palmetto Ridge	18.1	18.5	19.1	18.0	18.6
Math Scores	Barron Collier	23.4	22.9	22.9	23.0	22.3
	Golden Gate	17.0	17.6	17.8	17.9	17.7
	Gulf Coast	21.6	22.0	22.0	21.9	21.3
	Immokalee	16.5	17.2	17.3	16.8	16.7
	Lely	18.4	18.3	18.9	18.7	18.5
	Lorenzo Walker	19.0	18.1	18.6	17.4	18.0
	Naples	21.0	21.5	21.8	21.2	21.0
	Palmetto Ridge	19.5	19.5	20.5	19.3	19.3
Reading Scores	Barron Collier	24.2	23.2	23.6	23.8	22.6
	Golden Gate	16.7	17.4	17.2	18.5	18.2
	Gulf Coast	21.9	22.4	22.5	22.4	22.6
	Immokalee	16.3	16.4	17.4	16.8	17.4
	Lely	18.6	18.5	18.5	19.5	19.2
	Lorenzo Walker	18.9	19.2	18.6	18.0	19.3
	Naples	21.3	21.5	22.4	21.5	22.3
	Palmetto Ridge	20.1	19.8	20.8	19.9	20.8
Science Scores	Barron Collier	23.2	22.1	22.7	22.2	21.9
	Golden Gate	16.4	17.4	17.2	17.8	17.7
	Gulf Coast	21.2	21.4	21.6	21.6	21.5
	Immokalee	16.1	15.9	16.3	16.6	16.2
	Lely	17.9	17.7	17.9	18.3	18.2
	Lorenzo Walker	18.9	18.1	17.9	16.8	17.9
	Naples	20.4	20.5	21.0	20.8	21.1
	Palmetto Ridge	19.3	18.9	20.0	18.7	18.8

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

Table 6
FY10-FY14 ACT Scores and College-Readiness by Subject

	Percent Ready for all Four				
	FY10	FY11	FY12	FY13	FY14
District	16	17	20	20	18
State	16	17	18	19	19
Nation	24	25	25	26	26

	Percent Ready in English				
	FY10	FY11	FY12	FY13	FY14
District	52	53	61	55	55
State	54	55	57	54	53
Nation	66	66	67	64	64

	Percent Ready in Math				
	FY10	FY11	FY12	FY13	FY14
District	33	36	41	36	32
State	34	36	37	35	33
Nation	43	45	46	44	43

	Percent Ready in Reading				
	FY10	FY11	FY12	FY13	FY14
District	41	42	48	38	37
State	43	44	46	38	38
Nation	52	52	52	44	44

	Percent Ready in Science				
	FY10	FY11	FY12	FY13	FY14
District	20	20	25	29	27
State	20	20	22	26	27
Nation	29	30	31	36	37

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