

**Spring 2014**

**End of Course  
State Testing Results**

**Algebra I, Biology, Civics,  
Geometry, US History  
District School Board of Pasco County**



# 2014

## End-of-Course Exams

The Florida End-of-Course (EOC) Assessments are designed to measure student achievement of the Next Generation Sunshine State Standards for specific courses, as outlined in the course descriptions. These assessments serve the purpose of increasing student achievement and improving college and career readiness. The first assessment to begin the transition to end-of-course testing in Florida was the 2011 Algebra 1 EOC Assessment. Biology 1 and Geometry EOC Assessments were administered for the first time in spring 2012. The U.S. History EOC Assessment was administered for the first time in spring 2013, and the Civics EOC Assessment was administered for the first time in spring 2014.

<b>End-of-Course Assessment Scale Scores</b>					
<b>Content</b>	Level 1	Level 2	Level 3 (Passing)	Level 4	Level 5
<b>Algebra 1</b>	325-374	375-398	399-424	425-436	437-475
<b>Geometry</b>	325-369	370-395	396-417	418-433	434-475
<b>Biology</b>	325-368	369-394	395-420	421-430	431-475
<b>US History</b>	325-377	378-396	397-416	417-431	432-475
<b>Civics*</b>					

*\*Achievement levels have not been established for Civics. They will be established for Civics in fall of 2014-2015.*

In Pasco, 56 percent of students scored at or above Achievement Level 3 on the Algebra I EOC in 2014 which is a slight decrease from last year (58%). However, 65 percent of first time test takers performed at or above Achievement Level 3 compared to 2013 (63%). In 2014, 67% of students scored at or above Achievement Level 3 on the Geometry EOC which is an increase from last year (64%). In 2014, 69% of students scored at or above Achievement Level 3 on the Biology EOC which is a slight increase from last year (68%).

This is the first year for the new achievement levels to be applied to the US History EOCs. In Pasco, 71 percent of students performed at or above Achievement Level 3.

The district provided direct student supports for preparation in End-of-Course (EOCs) exams for each area. The launch of the EOC Success for Me website provided resources on each tested benchmark, and weekly questions posed to students assisted in promoting student mastery of key concepts. Students were also provided with online preparation module courses through Compass Learning to support their at home preparation.

## **Middle School Civics**

Over the past four years, the District has prepared our teachers and students for the shift to the Civics EOC and the content and rigor of an application based exam at the middle school level. Over that time, teachers have participated in professional development provided by Florida Law Related Education Association and the Florida Joint Center for Citizenship to provide our students with standards-driven resources and curriculum that would develop a civic mindset.

This year, a cohort of 30 teachers met throughout the year to work on developing standards-driven units and learning scales aligned with the state reporting categories. Pasco teachers also developed an EOC support binder full of resources that aligned with these reporting categories and item specifications set forth by the state.

## **Algebra 1 and Geometry**

Algebra 1 and Geometry teachers collaborated more than ever this year in their Professional Learning Communities (PLCs), which focused on student learning. Teachers looked intensely at their new Math Florida Standards and worked together to develop a common understanding of what students should be able to know, understand, and do. They also wrote common assessments, designed engaging learning experiences for their students, and responded to their students' learning by giving enrichment or remediation opportunities where appropriate.

In addition to the school-based PLCs, we created district-wide Algebra 1 and Geometry PLCs for school based PLC facilitators from each high school and middle school to come together to collaborate. These district-wide PLCs shared best practices from their schools, engaged in work around this year's Algebra 1 and Geometry EOC Assessment Test Specifications to ensure all students were prepared, and also received professional development on the new Math Florida Standards to take back and implement in their schools.

**Algebra I:** Fivay High School – up 8 percentage points (38% to 46%) – up 9 percentage points since 2012

Land O' Lakes High School – up 5 percentage points (61% to 66%) – up 3 percentage points since 2012

Ridgewood High School – up 11 percentage points (21% to 32%) – same as 2012

Centennial and Charles S. Rushe middle schools have had 100 percent proficient every year since EOCs have been administered, keeping in mind that the highest achieving middle school students take high school algebra.

**Geometry:** Fivay– up 15 percentage points (52% to 67%) – up 16 percentage points since 2012

Hudson– up 7 percentage points (57% to 64%) – up 3 s percentage points since 2012

Sunlake– up 6 percentage points (67% to 73%) – up 21 percentage points since 2012

Wesley Chapel – up 22 percentage points (62% to 84%) – up 41 percentage points since 2012

Wiregrass Ranch – up 13 percentage points (63% to 76%) – up 12 percentage points since 2012

Zephyrhills – up 6 percentage points (54% to 60%) – up 7 percentage points since 2012

## **US History**

Over the past five years, the District has prepared our teachers and students for the US History EOC and for the content and rigor of an application based exam. Over that time, teachers have participated in professional development provided by the University of South Florida in collaboration with the teaching American History Grant and the Document Based Questions (DBQ) project to provide our students with standards-driven resources and curriculum that would help them develop a deep understanding of the content.

A cohort of 30 teachers met throughout the year to work on developing standards-driven units and learning scales aligned with the state driven reporting categories. Pasco teachers also developed an EOC support binder full of resources that aligned with the reporting categories and item specifications set forth by the state.

## **Biology**

An increased focus on standards-based instruction within our professional learning communities resulted in strengthened student learning opportunities this year in Biology. Teachers helped to facilitate deeper student understanding of concepts by increasing student engagement in real world science concepts, and incorporating higher level questioning strategies to support science discourse. More students participated in scientific research both in and out of the classroom, which extended to district and state fair participation.

Hudson – up 5 percentage points (60% to 65%) - up 10 percentage points since 2012

Pasco eSchool – up 8 percentage points (75% to 83%) – up 1 percentage points since 2012

Wiregrass Rand – up 7 percentage points (77% to 84%) – up 12 percentage points since 2012

Zephyrhills – up 8 percentage points (56% to 64%) – 14 percentage points since 2012

**Districtwide Comparison Report  
End-of-Course Exams  
2013 to 2014**

**End-of-Course Exams**

	<b>Spring 2013 (L3-5)</b>				<b>Spring 2014 (L3-5)</b>				
	<b>Algebra I</b>	<b>Biology</b>	<b>Geometry</b>	<b>US History</b>	<b>Algebra 1</b>	<b>Biology</b>	<b>Civics*</b>	<b>Geometry</b>	<b>US History</b>
<b>District First Time</b>	63	68	64	NA	<b>66</b>	<b>70</b>	<b>51</b>	<b>67</b>	<b>71</b>
<b>District All</b>	58	68	64	**63	<b>56</b>	<b>69</b>	<b>51</b>	<b>67</b>	<b>71</b>
<b>State First Time</b>	64	67	64	NA	<b>66</b>	<b>68</b>	<b>50</b>	<b>64</b>	<b>65</b>
<b>State All</b>	58	66	63	49	<b>57</b>	<b>66</b>	<b>50</b>	<b>63</b>	<b>65</b>

\*T-score

\*\**Retrofitted Data*

*NR: Not released by the state at this time*

# Appendix

Algebra I EOC			
	2012	2013	2014
District (Grades 6-8)	*	96	94
District (Grades 9-12)	*	45	44
District	58	58	56
State	58	64	57
<b>High Schools</b>			
ANCLOTE	34	29	26
FIVAY	37	38	46
GULF	52	31	35
HUDSON	67	58	53
J. W. MITCHELL	65	64	62
LAND O LAKES	63	61	66
PASCO	30	37	27
RIDGEWOOD	32	21	32
RIVER RIDGE	47	43	47
SUNLAKE	60	56	55
WESLEY CHAPEL	55	57	55
WIREGRASS	54	58	53
ZEPHYRHILLS	39	36	34
PASCO E-SCHOOL	54	50	33
<b>Middle Schools</b>			
BAYONET POINT	100	97	89
CENTENNIAL	100	100	100
C.S. RUSHE	100	100	100
CHASCO	100	100	85
CREWS LAKE	97	98	100
JOHN LONG	100	99	98
GULF	93	89	63
HUDSON	95	93	88
PASCO	100	87	97
P.R. SMITH	92	92	99
PINE VIEW	99	99	99
R.B. STEWART	100	83	80
RIVER RIDGE	98	99	94
SEVEN SPRINGS	100	98.5	100
T. E. WEIGHTMAN	98	100	99

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**Algebra I EOC****2012 2013 2014**

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**Education Centers**

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<b>BAYCARE</b>	*	33	*
<b>H. SCHWETTMAN</b>	13	4	*
<b>JDC</b>	8	*	*
<b>J. IRVIN</b>	13	21	<b>18</b>
<b>MOORE-MICKENS</b>	3	16	<b>13</b>
<b>MARCHMAN</b>	*	25	<b>22</b>
<b>PACE</b>	8	17	<b>13</b>

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<b>US History EOC</b>	
	<b>2014</b>
<b>District</b>	<b>71</b>
<b>State</b>	<b>65</b>
<b>High Schools</b>	
<b>ANCLOTE</b>	<b>52</b>
<b>FIVAY</b>	<b>78</b>
<b>GULF</b>	<b>64</b>
<b>HUDSON</b>	<b>63</b>
<b>J. W. MITCHELL</b>	<b>81</b>
<b>LAND O LAKES</b>	<b>85</b>
<b>PASCO</b>	<b>72</b>
<b>RIDGEWOOD</b>	<b>55</b>
<b>RIVER RIDGE</b>	<b>73</b>
<b>SUNLAKE</b>	<b>81</b>
<b>WESLEY CHAPEL</b>	<b>67</b>
<b>WIREGRASS</b>	<b>82</b>
<b>ZEPHYRHILLS</b>	<b>62</b>
<b>PASCO E-SCHOOL</b>	<b>100</b>
<b>Education Centers</b>	
<b>BAYCARE</b>	<b>*</b>
<b>H. SCHWETTMAN</b>	<b>*</b>
<b>JDC</b>	<b>*</b>
<b>J. IRVIN</b>	<b>50</b>
<b>MOORE-MICKENS</b>	<b>8</b>
<b>MARCHMAN</b>	<b>20</b>
<b>PACE</b>	<b>56</b>



<b>Civics EOC</b>				
	<b>Mean T-Score</b>	<b>% Thirds</b>		
		<b>Low</b>	<b>Middle</b>	<b>High</b>
<b>DISTRICT</b>	51	29%	33%	38%
<b>STATE</b>	50	33%	32%	35%
<b>BAYONET POINT MIDDLE SCHOOL</b>	47	33%	43%	24%
<b>CENTENNIAL MIDDLE SCHOOL</b>	50	30%	38%	33%
<b>CHARLES S. RUSHE MIDDLE SCHOOL</b>	51	27%	32%	41%
<b>CHASCO MIDDLE SCHOOL</b>	49	32%	43%	25%
<b>CREWS LAKE MIDDLE SCHOOL</b>	50	25%	40%	35%
<b>DR. JOHN LONG MIDDLE SCHOOL</b>	55	17%	34%	50%
<b>GULF MIDDLE SCHOOL</b>	47	45%	31%	25%
<b>HUDSON MIDDLE SCHOOL</b>	46	49%	31%	20%
<b>PASCO ESCHOOL-VIRTUAL FRANCHISE</b>	53	8%	46%	46%
<b>PASCO MIDDLE SCHOOL</b>	45	54%	28%	19%
<b>PAUL R. SMITH MIDDLE SCHOOL</b>	48	41%	30%	29%
<b>PINE VIEW MIDDLE SCHOOL</b>	52	21%	36%	43%
<b>RAYMOND B. STEWART MIDDLE SCHOOL</b>	47	41%	32%	27%
<b>RIVER RIDGE MIDDLE SCHOOL</b>	53	17%	36%	47%
<b>SEVEN SPRINGS MIDDLE SCHOOL</b>	55	15%	28%	57%
<b>THOMAS E. WEIGHTMAN MIDDLE SCHOOL</b>	53	20%	33%	47%
<b>Education Centers</b>				
<b>BAYCARE BEHAVIORAL HEALTH</b>	48	*	*	*
<b>CENTRAL PASCO GIRLS ACADEMY</b>	38	*	*	*
<b>JAMES IRVIN EDUCATION CENTER</b>	41	56%	44%	*
<b>PACE CENTER FOR GIRLS</b>	42	50%	50%	*
<b>SCHWETTMAN EDUCATION CENTER</b>	38	77%	23%	*

**Charter Schools**

<b>ACADEMY AT THE FARM</b>	60	*	30%	70%
<b>ATHENIAN ACADEMY OF PASCO COUNTY COUNTRYSIDE MONTESSORI ACADEMY</b>	49	38%	28%	35%
<b>DAYSRING ACADEMY</b>	51	27%	36%	36%
<b>FLORIDA VIRTUAL ACADEMY AT PASCO</b>	64	*	2%	98%
<b>IMAGINE SCHOOL AT LAND O' LAKES</b>	40	71%	14%	14%
	54	17%	33%	50%

**Biology 1 EOC  
Spring 2014**

	<b>2012**</b>	<b>2013</b>	<b>2014</b>
<b>District (All Grades)</b>	61	68	<b>69</b>
<b>State</b>	59	66	<b>66</b>
<b>High Schools</b>			
<b>ANCLOTE</b>	44	60	<b>61</b>
<b>FIVAY</b>	56	59	<b>61</b>
<b>GULF</b>	55	63	<b>65</b>
<b>HUDSON</b>	55	60	<b>65</b>
<b>J.W. MITCHELL</b>	73	74	<b>74</b>
<b>LAND O LAKES</b>	81	83	<b>81</b>
<b>PASCO E-SCHOOL</b>	82	75	<b>83</b>
<b>PASCO</b>	69	64	<b>63</b>
<b>RIDGEWOOD</b>	39	60	<b>41</b>
<b>RIVER RIDGE</b>	59	74	<b>78</b>
<b>SUNLAKE</b>	66	72	<b>74</b>
<b>WESLEY CHAPEL</b>	58	73	<b>72</b>
<b>WIREGRASS RANCH</b>	72	77	<b>84</b>
<b>ZEPHYRHILLS</b>	50	56	<b>64</b>
<b>Education Centers</b>			
<b>JAMES IRVIN EDUCATION CENTER</b>	27	29	<b>39</b>
<b>MARCHMAN TECHNICAL EDUCATION CENTER</b>	*	*	*
<b>MOORE-MICKENS EDUCATION CENTER</b>	18	18	<b>13</b>
<b>SCHWETTMAN EDUCATION CENTER</b>	4	18	<b>26</b>

\*\* Retrofitted Data

**Geometry EOC  
Spring 2014**

	<b>2012**</b>	<b>2013</b>	<b>2014</b>
<b>District (All Grades)</b>	60	64	<b>67</b>
<b>State</b>	56	63	<b>63</b>
<b>High Schools</b>			
<b>ANCLOTE</b>	48	56	<b>60</b>
<b>FIVAY</b>	51	52	<b>67</b>
<b>GULF</b>	78	72	<b>52</b>
<b>HUDSON</b>	61	57	<b>64</b>
<b>J. W. MITCHELL</b>	72	75	<b>72</b>
<b>LAND O LAKES</b>	86	88	<b>72</b>
<b>PASCO E-SCHOOL</b>	60	42	<b>56</b>
<b>PASCO</b>	58	57	<b>54</b>
<b>RIDGEWOOD</b>	43	49	<b>48</b>
<b>RIVER RIDGE</b>	61	72	<b>67</b>
<b>SUNLAKE</b>	52	67	<b>73</b>
<b>WESLEY CHAPEL</b>	43	62	<b>84</b>
<b>WIREGRASS RANCH</b>	64	63	<b>76</b>
<b>ZEPHYRHILLS</b>	53	54	<b>60</b>
<b>Education Centers</b>			
<b>JAMES IRVIN EDUCATION CENTER</b>	*	*	<b>17</b>
<b>MARCHMAN TECHNICAL EDUCATION CENTER</b>	*	*	*
<b>MOORE-MICKENS EDUCATION CENTER</b>	5	3	<b>7</b>
<b>SCHWETTMAN EDUCATION CENTER</b>	17	15	<b>15</b>

\*\* Retrofitted Data