

Richland County School District One

Summary Report



2007 Results of the End-of-Course Examination Program (EOCEP)

Office of Research and Evaluation

July 2008

The Education Accountability Act of 1998 mandates the development and administration of the end-of-course tests in benchmark courses for mathematics, English language arts, science, and social studies called the End-of-Course Examination Program (EOCEP). The algebra test was first piloted in the 2002-2003 school year, while English I, Physical Science, and Biology I/Applied Biology II were added to the program in 2004-2005. Biology I was no longer offered in 2006-2007. U.S. History and Constitution was offered in 2006-2007, but results are not reported because it was the first year of implementation.

Students enrolled in Algebra I, Mathematics for the Technologies II, English I, Physical Science, and U.S. History and Constitution are required to take the end-of-course tests. Because students were required to take the test at the end of the semester in which they were scheduled to complete the course, three different administrations were held last year due to variations in scheduling: fall 2006, spring 2007, and summer 2007. Scores on these EOCEP tests were required to be counted as 20 percent of each student's final course grade with the exception of U.S. History and Constitution.

On the state's 100-point uniform grading scale, scores above 92 would obtain a grade "A", 85-92 a "B", 77-84 a "C", 70-76 a "D", and an "F" for scores lower than 70. The number of Richland One students who took EOCEP, average score, percentage passing, and grade distribution are provided in Table 1 for each of the three tests excluding U. S. History and Constitution. Richland One students obtained an average of 74.3 on Algebra I/Math for the Technologies II compared to 79.6 for the state average. Approximately two-thirds (66.9%) of the Richland One students passed the test while 82.8% of South Carolina students passed.

District middle school students performed better than high school students on Algebra I as they were on the accelerated academic tracks. While nearly nine-tenths (89.6%) of the middle school students passed the test, only slightly more than half (56.7%) of the high school students passed.

Richland One students passed the highest percentage of students in Algebra I (66.9%), followed by English I (52.1%), and Physical Science (51.5%). When compared with the state passing rates, district students performed worse in Algebra I (-15.9%) and English I (-12.7%) but surpassed state performance in Physical Science (+1.8%).

Table 1. 2007 EOCEP Results by Administration

Categories	Number Tested	Mean Score	% A	% B	% C	% D	% F	% Passing
Administration	Algebra I / Math for the Technologies II							
Fall 2006	218	67.7	0.5	2.3	15.1	21.6	60.6	39.4
Spring 2007	1987	75.3	7.5	10.0	25.7	27.7	29.1	70.9
Summer 2007	138	71.2	0.0	4.3	26.8	21.7	47.1	52.9
School Level								
High	1551	70.9	0.6	4.1	21.9	30.2	43.3	56.7
Middle	753	81.9	18.7	19.3	31.5	20.2	10.4	89.6
Special	34	63.5	0.0	2.9	0.0	23.5	73.5	26.5
Charter	5	78.4	0.0	0.0	80.0	0.0	20.0	80.0
Richland One	2343	74.3	6.4	8.9	24.8	26.8	33.1	66.9
South Carolina	59732	79.6	14.5	16.1	29.0	23.2	17.2	82.8
Administration	English I							
Fall 2006	134	60.0	0.7	3.0	4.5	6.7	85.1	14.9
Spring 2007	1764	71.9	6.3	10.8	16.7	21.2	45.0	55.0
Summer 2007	59	70.4	1.7	8.5	13.6	25.4	50.8	49.2
Richland One	1957	71.1	5.8	10.2	15.7	20.3	47.9	52.1
South Carolina	58036	74.4	7.4	13.9	21.6	21.9	35.2	64.8
Administration	Physical Science							
Fall 2006	0	-	-	-	-	-	-	-
Spring 2007	679	71.3	9.6	9.1	18.4	14.7	48.2	51.8
Summer 2007	8	66.0	0.0	0.0	12.5	12.5	75.0	25.0
Richland One	687	71.2	9.5	9.0	18.3	14.7	48.5	51.5
South Carolina	49457	70.7	9.3	7.7	16.0	16.7	50.3	49.7

A = 93-100, B = 85-92, C = 77-84, D = 70-76, F = 0-69

Passing results by school are provided in Table 2. Five of seven high schools passed more than half of their students on the Algebra I test, and the percentages of passing ranged from 43.8% (Lower Richland) to 72.1% (Columbia). While three of seven high schools passed more than half of their students in English I with the highest passing rate (72.0%) occurring at Dreher, four Richland One high schools passed more than half of their students in Physical Science with Dreher again earning the highest rate (69.8%), only slightly above Columbia (69.7%).

Table 2. 2007 EOCEP Percent Passing by School

Richland One	Algebra I/ Math for the Technologies II	English I	Physical Science
High Schools	56.7	52.4	52.8
Columbia	72.1	51.7	69.7
Dreher	70.1	72.0	69.8
Eau Claire	50.2	41.7	6.9
Flora	62.1	61.9	66.5
Johnson	64.9	36.5	33.3
Keenan	48.2	46.2	21.3
Lower Richland	43.8	43.2	64.4
Middle Schools	89.6	N/A	N/A
Alcorn	60.0	N/A	N/A
Crayton	98.5	N/A	N/A
Gibbes	80.0	N/A	N/A
Hand	98.6	N/A	N/A
Hopkins	93.6	N/A	N/A
Perry	64.7	N/A	N/A
Sanders	69.4	N/A	N/A
Southeast	89.7	N/A	N/A
St. Andrews	92.0	N/A	N/A
Special Schools	26.5	17.6	5.6
Adult Education	62.5	N/A	50.0
Hall Institute	13.6	9.1	0.0
Olympia	25.0	33.3	0.0
Charter Schools	80.0	N/A	N/A
MMBA	80.0	N/A	N/A
District Totals	66.9	52.1	51.5
South Carolina	82.8	64.8	49.7

A = 93-100, B = 85-92, C = 77-84, D = 70-76, F = 0-69

N/A indicates that no tests were given.

Table 3 provides the historical trend for all tests. Compared with 2006 performance, Richland One students improved on the Physical Science test (+27.1%) but showed decreased passing rates for both Algebra I (-0.8%) and English I (-7.0%).

In terms of school performance, Columbia, Dreher, and Johnson showed improvement on two of three tests while the remaining four high schools improved on only one test. All high schools made gains in Physical Science with gains ranging from +1.3% (Eau Claire) to +50.4% (Columbia). Although all high schools showed declined performance in English I, three schools made gains in Algebra I ranging from +2.0% (Johnson) to +5.8% (Dreher).

Table 3. EOCEP Test Results for High Schools

School	Year	Algebra I		Biology I		English I		Physical Science	
		% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.
Columbia	2004	42	-	-	-	-	-	-	-
	2005	45.7	+3.7	27.1	-	57.6	-	17.9	-
	2006	68.1	+22.4	22.6	-4.5	57.1	-0.5	19.3	+1.4
	2007	72.1	+4.0	-	-	51.7	-5.4	69.7	+50.4
Dreher	2004	67	-	-	-	-	-	-	-
	2005	72.4	+5.4	72.0	-	75.8	-	20.6	-
	2006	64.3	-8.1	48.5	-23.5	73.9	-1.9	48.4	+27.8
	2007	70.1	+5.8	-	-	72.0	-1.9	69.8	+21.4
Eau Claire	2004	56	-	-	-	-	-	-	-
	2005	53.5	-2.5	5.1	-	35.7	-	13.3	-
	2006	61.1	+7.6	15.9	+10.8	42.5	+6.8	5.6	-7.7
	2007	50.2	-10.9	-	-	41.7	-0.8	6.9	+1.3
Flora	2004	53	-	-	-	-	-	-	-
	2005	65.4	+12.4	58.5	-	65.2	-	-	-
	2006	62.6	-2.8	60.9	+2.4	69.9	+4.7	49.0	-
	2007	62.1	-0.5	-	-	61.9	-8.0	66.5	+17.5
Johnson	2004	54	-	-	-	-	-	-	-
	2005	54.8	+0.8	11.7	-	37.6	-	7.6	-
	2006	62.9	+8.1	8.8	-2.9	54.5	+16.9	15.6	+8.0
	2007	64.9	+2.0	-	-	36.5	-18.0	33.3	+17.7
Keenan	2004	52	-	-	-	-	-	-	-
	2005	57.1	+5.1	26.6	-	41.0	-	13.4	-
	2006	48.9	-7.2	29.7	+3.1	56.4	+15.4	17.7	+4.3
	2007	48.2	-0.7	-	-	46.2	-10.2	21.3	+3.6
Lower Richland	2004	59	-	-	-	-	-	-	-
	2005	40.9	-19.9	13.4	-	55.4	-	9.5	-
	2006	47.0	+6.1	14.6	+1.2	56.4	+1.0	23.1	+13.6
	2007	43.8	-3.2	-	-	43.2	-13.2	64.4	+41.3
All High Schools	2004	50.0	-	-	-	-	-	-	-
	2005	54.2	+4.2	35.0	-	53.7	-	13.7	-
	2006	57.5	+3.3	26.4	-8.6	59.4	+5.7	25.7	+12.0
	2007	56.7	-0.8	-	-	52.4	-7.0	52.8	+27.1

* Numbers in bold indicates positive change over previous year.