

# Richland County School District One Summary Report



## 2006 Results of the End-of-Course Examination Program (EOCEP)

Office of Research and Evaluation

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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. It is called the End-of-Course Examination Program (EOCEP). The algebra test was first piloted in 2002-2003 school year, while English I, Physical Science, and Biology 1/Applied Biology 2 were added to the program in 2004-2005. US History and Constitution will be added but Biology 1 will no longer be offered in 2006-2007.

Students enrolled in Algebra I, Mathematics for the Technologies 2, English I, Physical Science, Biology 1, or Applied Biology 2 are required to take the end-of-course tests. Since 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 2005, spring 2006, and summer 2006. Scores on the EOCEP tests were counted for 20 percent of student's final course grade.

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 of passing, and grades distribution are provided in **Table 1** for each of the four tests. Richland One students obtained an average of 74.1 on Algebra 1 /Math for the Technologies 2, compared to 79.6 for the state average. Approximately two-thirds (66.1%) of the Richland One students passed the test while 81.3% of South Carolina students did.

Middle school students performed better than high school students on Algebra I as they were on the accelerated academic tracks. While 87.6% of the middle school students passed the test, more than half (57.5%) of the high school students did.

Richland One students passed most students in Algebra I (66.1%), followed by English I (58.6%), Biology I (25.8%), and Physical Science (25.2%). When compared with the state passing rates, the largest discrepancies were observed in Biology I and Physical Science (33 and 21 percentage points, respectively).

**Table 1. 2006 EOCEP Results by Administration**

Categories	Number Tested	Mean Score	% A	% B	% C	% D	% F	% Passing
<b>Administration</b>	<b>Algebra I / Math for the Technologies 2</b>							
Fall 2005	360	71.0	1.7	4.7	15.8	34.4	43.3	56.7
Spring 2006	1918	74.6	9.3	8.8	20.2	28.9	32.7	67.3
Summer 2006	96	75.6	4.2	8.3	33.3	31.3	22.9	77.1
<b>School Level</b>								
High	1626	71.0	2.1	4.6	18.0	32.8	42.5	57.5
Middle	696	81.8	22.3	17.2	25.3	22.8	12.4	87.6
Special	52	68.2	0.0	0.0	15.4	30.8	53.8	46.2
<b>Richland One</b>	<b>2374</b>	<b>74.1</b>	<b>8.0</b>	<b>8.2</b>	<b>20.1</b>	<b>29.9</b>	<b>33.9</b>	<b>66.1</b>
<b>South Carolina</b>	<b>60409</b>	<b>79.6</b>	<b>17.0</b>	<b>15.1</b>	<b>26.7</b>	<b>22.5</b>	<b>18.7</b>	<b>81.3</b>
<b>Administration</b>	<b>Biology I / Applied Biology 2</b>							
Fall 2005	750	63.5	0.9	3.1	7.2	12.4	76.4	23.6
Spring 2006	630	65.2	1.1	4.9	6.7	16.3	71.0	29.0
Summer 2006	17	61.0	0.0	0.0	0.0	0.0	100.0	0.0
<b>Richland One</b>	<b>1397</b>	<b>64.2</b>	<b>1.0</b>	<b>3.9</b>	<b>6.9</b>	<b>14.0</b>	<b>74.2</b>	<b>25.8</b>
<b>South Carolina</b>	<b>37279</b>	<b>72.3</b>	<b>3.8</b>	<b>9.8</b>	<b>18.2</b>	<b>26.9</b>	<b>41.2</b>	<b>58.8</b>
<b>Administration</b>	<b>English I</b>							
Fall 2005	407	70.2	8.4	6.4	12.8	19.4	53.1	46.9
Spring 2006	1551	73.5	8.2	11.3	21.9	21.1	37.5	62.5
Summer 2006	74	67.3	0.0	5.4	8.1	27.0	59.5	40.5
<b>Richland One</b>	<b>2032</b>	<b>72.6</b>	<b>7.9</b>	<b>10.1</b>	<b>19.5</b>	<b>21.0</b>	<b>41.4</b>	<b>58.6</b>
<b>South Carolina</b>	<b>59000</b>	<b>76.1</b>	<b>10.9</b>	<b>15.1</b>	<b>23.6</b>	<b>19.9</b>	<b>30.5</b>	<b>69.5</b>
<b>Administration</b>	<b>Physical Science</b>							
Fall 2005	570	61.4	0.7	1.4	6.3	14.9	76.7	23.3
Spring 2006	1104	62.8	3.0	4.4	8.3	10.6	73.6	26.4
Summer 2006	6	50.2	0.0	0.0	0.0	0.0	100.0	0.0
<b>Richland One</b>	<b>1680</b>	<b>62.3</b>	<b>2.2</b>	<b>3.4</b>	<b>7.6</b>	<b>12.0</b>	<b>74.8</b>	<b>25.2</b>
<b>South Carolina</b>	<b>52784</b>	<b>69.2</b>	<b>6.6</b>	<b>8.6</b>	<b>13.4</b>	<b>17.9</b>	<b>53.4</b>	<b>46.6</b>

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 the students on Algebra I, and the percentages of passing ranged from 47.0% (Lower Richland) to 68.1% (Columbia). Only one high school passed more than half of their students in Biology 1, and the percentages of passing ranged from 8.8% (Johnson) to 60.9% (Flora). While six of seven high schools passed more than half of their students in English 1, none of the Richland One high schools passed more than half of their students in Physical Science.

**Table 2. 2006 EOCEP Percent Passing by School**

<b>Richland One</b>	<b>Algebra I/ Math for the Technologies 2</b>	<b>Biology 1 / Applied Biology 2</b>	<b>English 1</b>	<b>Physical Science</b>
<b>High Schools</b>	<b>57.5</b>	<b>26.4</b>	<b>59.4</b>	<b>25.7</b>
Columbia	68.1	22.6	57.1	19.3
Dreher	64.3	48.5	73.9	48.4
Eau Claire	61.1	15.9	42.5	5.6
Flora	62.6	60.9	69.9	49.0
Johnson	62.9	8.8	54.5	15.6
Keenan	48.9	29.7	56.4	17.7
Lower Richland	47.0	14.6	56.4	23.1
<b>Middle Schools</b>	<b>87.6</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Alcorn	64.3	N/A	N/A	N/A
Crayton	98.9	N/A	N/A	N/A
Gibbes	92.9	N/A	N/A	N/A
Hand	97.7	N/A	N/A	N/A
Hopkins	68.6	N/A	N/A	N/A
Perry	33.3	N/A	N/A	N/A
Sanders	76.6	N/A	N/A	N/A
Southeast	95.2	NA	NA	N/A
St. Andrews	89.6	N/A	N/A	N/A
<b>Special Schools</b>	<b>46.2</b>	<b>6.4</b>	<b>28.1</b>	<b>7.0</b>
Adult Education	66.7	0.0	NA	0.0
Hall Institute	NA	NA	50.0	0.0
Morris Village	NA	NA	NA	NA
Olympia	43.5	6.7	27.3	7.9
<b>District Totals</b>	<b>66.1</b>	<b>25.8</b>	<b>58.6</b>	<b>25.2</b>
<b>South Carolina</b>	<b>81.3</b>	<b>58.8</b>	<b>69.5</b>	<b>46.6</b>

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 2005 performance, Richland One students improved on all tests except Biology I.

In terms of school performance, Lower Richland showed improvement in all tests while Eau Claire and Keenan improved on three tests. Dreher made the largest gain in Physical Science (+27.8%) while Johnson and Keenan made enough gain in English I to pass more than half of their students.

**Table 3. EOCEP Test Results for High Schools**

School	Algebra I		Biology I		English I		Physical Science	
	% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.	% Pass	1 Yr. Diff.
<b>Columbia</b>								
2004	42	-	-	-	-	-	-	-
2005	45.7	<b>+3.7</b>	27.1	-	57.6	-	17.9	-
2006	68.1	<b>+22.4</b>	22.6	-4.5	57.1	-0.5	19.3	<b>+1.4</b>
<b>Dreher</b>								
2004	67	-	-	-	-	-	-	-
2005	72.4	<b>+5.4</b>	72.0	-	75.8	-	20.6	-
2006	64.3	-8.1	48.5	-23.5	73.9	-1.9	48.4	<b>+27.8</b>
<b>Eau Claire</b>								
2004	56	-	-	-	-	-	-	-
2005	53.5	-2.5	5.1	-	35.7	-	13.3	-
2006	61.1	<b>+7.6</b>	15.9	<b>+10.8</b>	42.5	<b>+6.8</b>	5.6	-7.7
<b>Flora</b>								
2004	53	-	-	-	-	-	-	-
2005	65.4	<b>+12.4</b>	58.5	-	65.2	-	-	-
2006	62.6	-2.8	60.9	<b>+2.4</b>	69.9	<b>+4.7</b>	49.0	-
<b>Johnson</b>								
2004	54	-	-	-	-	-	-	-
2005	54.8	<b>+0.8</b>	11.7	-	37.6	-	7.6	-
2006	62.9	<b>+8.1</b>	8.8	-2.9	54.5	<b>+16.9</b>	15.6	<b>+8.0</b>
<b>Keenan</b>								
2004	52	-	-	-	-	-	-	-
2005	57.1	<b>+5.1</b>	26.6	-	41.0	-	13.4	-
2006	48.9	-7.2	29.7	<b>+3.1</b>	56.4	<b>+15.4</b>	17.7	<b>+4.3</b>
<b>L. Richland</b>								
2004	59	-	-	-	-	-	-	-
2005	40.9	-19.9	13.4	-	55.4	-	9.5	-
2006	47.0	<b>+6.1</b>	14.6	<b>+1.2</b>	56.4	<b>+1.0</b>	23.1	<b>+13.6</b>
<b>All High Schools</b>								
2004	50.0	-	-	-	-	-	-	-
2005	54.2	<b>+4.2</b>	35.0	-	53.7	-	13.7	-
2006	57.5	<b>+3.3</b>	26.4	-8.6	59.4	<b>+5.7</b>	25.7	<b>+12.0</b>

\* Numbers in bold indicates positive change over pervious year.