

# Richland County School District One Summary Report



## 2007 Results of the Advanced Placement (AP) Exam

Office of Research and Evaluation

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The College Board's Advanced Placement Program allows high school students the opportunity to take college-level courses during high school to gain college-level skills and possibly earn college credit depending upon exam performance and college requirements. In May 2007, a total of 609 Richland District One students participated in the administration of the Advanced Placement (AP) Exams in 20 courses. AP Exam scores range from one to five with scores of three or higher indicating passing.

The percentage of passing AP Exams for 2007 was 44.6% which was 0.9 percentage points higher than the passing rate for 2006 (43.7%). The passing rate for district AP students (44.6%) was below both the state's passing rate (56.2%) and the nation's passing rate (57.2%) for public school students. The passing rate for Richland One's AP students in 2007 was its third lowest since 1999 (Table 1) while the actual number of exams scoring "3" or higher decreased slightly to 419 to be the third highest of the past nine administrations (Table 3).

The number of students taking one or more AP exams in 2007 was 609 compared to 664 in 2006 (Table 2). Although there was a decrease (8.3%) in the number of students taking one or more AP exams, this participation is the third highest in nine years and is a result of the district's continuous efforts to encourage students to take more rigorous courses.

The AP Exam results by gender and ethnicity are shown in Table 3. Although more exams were taken by females (578) than males (361), the passing rate was lower for females (39.6%; 229) than for males (52.6%; 190). This trend has remained consistent over the past nine years except for 2000 when the passing rates for males (52.6%; 101) and females (52.8%; 162) were about the same. The passing rate for African-American students increased steadily from 1999 to 2003 but slipped greatly in 2004, has continued to decline, and in 2007 has reached its lowest value (15.9%) in the past nine years.

In 2007 (Table 5), the AP exams that were most frequently taken were Calculus AB (155), English Literature and Composition (136), English Language and Composition (133), Human Geography (73), and U. S. History (62). Of these five exams, Calculus AB had the highest passing rate (51.0%; 79), followed by Human Geography (42.5%; 31), English Language and Composition (37.6%; 50), U. S. History (35.5%; 22), and English Literature and Composition (28.7%; 39).

**Table 1**  
1999-2007 Passing Rates of Advanced Placement Exam  
By District, State\*, and the Nation\*

Group	1999	2000	2001	2002	2003	2004	2005	2006		2007	
	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	% of 3 & Above Scores	# Exams Taken	% of 3 & Above Scores	# Exams Taken
District	49.2	52.7	57.0	57.5	60.0	50.0	43.4	43.7	977	44.6	939
State*	55.0	55.2	55.6	59.0	56.6	55.6	54.1	54.7	21,671	56.2	23,254
Nation*	61.9	62.1	59.6	61.4	59.7	59.7	57.6	57.5	1,947,937	57.2	2,139,489

\* Includes only public school data.

**Table 2**  
1999-2007 Number of Students Taking One or More AP Exams

School	1999	2000	2001	2002	2003	2004	2005	2006	2007
Columbia	41	34	19	37	44	52	40	103	76
Dreher	99	109	132	128	133	138	190	198	213
Eau Claire	24	15	11	29	24	14	23	12	2
Flora	72	91	79	52	87	114	247	148	122
Johnson	25	23	21	20	22	35	31	49	32
Keenan	40	24	39	40	26	26	64	69	70
Lower Richland	40	38	41	42	47	86	96	85	94
<b>District</b>	<b>341</b>	<b>334</b>	<b>342</b>	<b>348</b>	<b>383</b>	<b>465</b>	<b>691</b>	<b>664</b>	<b>609</b>

Note: The above table reports an unduplicated count of students taking AP Exams (i.e., students were counted only once even though some may have taken more than one exam).

**Table 3**  
1999-2007 Passing Rates of Advanced Placement Exams  
By Gender and Ethnicity

Group	1999		2000		2001		2002		2003		2004		2005		2006			2007		
	Passing		Passing		Passing		Passing		Passing		Passing		Passing		Passing	# Exams	Passing		# Exams	
	%	N	%	N	%	N	%	N	%	N	%	N	%	N			%	N		
Male	53.8	121	52.6	101	63.6	140	58.2	117	67.6	140	56.7	164	53.4	228	52.2	193	370	52.6	190	361
Female	46.5	179	52.8	162	52.7	178	57.1	181	55.0	172	44.8	167	35.7	199	38.6	234	607	39.6	229	578
African American	17.6	42	22.2	40	27.1	58	32.4	80	37.7	84	19.8	59	18.5	72	18.1	91	502	15.9	68	429
White	71.1	216	72.6	207	76.4	243	82.6	204	79.4	204	75.1	250	58.7	321	70.7	302	427	68.0	302	444
<b>All Students</b>	<b>49.2</b>	<b>300</b>	<b>52.7</b>	<b>263</b>	<b>57.0</b>	<b>318</b>	<b>57.5</b>	<b>298</b>	<b>60.0</b>	<b>312</b>	<b>50.0</b>	<b>331</b>	<b>43.4</b>	<b>427</b>	<b>43.7</b>	<b>427</b>	<b>977</b>	<b>44.6</b>	<b>419</b>	<b>939</b>

Note: Some students take the AP exams in more than one area. The numbers of males and females may not add up to the total for all students if gender was not indicated.

**Table 4**  
1999-2007 Passing Rates of Advanced Placement Exams  
By School

School	1999		2000		2001		2002		2003		2004		2005		2006			2007		
	Passing		Passing		Passing		Passing		Passing		Passing		Passing		Passing	# Exams	Passing		# Exams	
	%	N	%	N	%	N	%	N	%	N	%	N	%	N			%	N		
Columbia	26.2	16	48.8	20	36.4	12	33.3	18	24.1	14	17.1	12	25.9	14	16.4	26	159	19.8	21	106
Dreher	85.2	156	74.0	128	78.7	155	85.3	151	89.9	169	93.2	193	78.9	247	85.7	258	301	81.0	294	363
Eau Claire	2.8	1	10.0	2	0.0	0	0.0	0	13.9	5	0.0	0	0.0	0	4.0	1	25	0.0	0	2
Flora	61.6	90	62.3	81	76.2	109	76.4	68	62.1	59	48.3	70	38.4	119	48.6	86	177	44.8	73	163
Johnson	0.0	0	2.0	1	10.0	5	16.7	8	0.0	0	5.5	3	13.0	7	8.0	7	88	3.8	2	53
Keenan	10.6	7	41.7	15	22.5	16	46.9	30	64.2	34	42.3	22	13.0	14	15.0	18	120	15.4	18	117
Lower Richland	42.3	30	32.7	16	39.6	21	44.2	23	55.4	31	29.5	31	21.7	26	29.0	31	107	8.1	11	135
<b>District</b>	<b>49.2</b>	<b>300</b>	<b>52.7</b>	<b>263</b>	<b>57.0</b>	<b>318</b>	<b>57.5</b>	<b>298</b>	<b>60.0</b>	<b>312</b>	<b>50.0</b>	<b>331</b>	<b>43.4</b>	<b>427</b>	<b>43.7</b>	<b>427</b>	<b>977</b>	<b>44.6</b>	<b>419</b>	<b>939</b>

**Table 5**  
1999-2007 Passing Rates of Advanced Placement Exams  
By Course

Subject	1999	2000	2001	2002	2003	2004	2005	2006			2007		
	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	# Passing	# Exams	% Passing	# Passing	# Exams
Studio Art: Drawing	100.0	100.0	83.3	—	66.6	100.0	—	—	—	—	—	—	—
Studio Art: 2-D Design	77.8	100.0	100.0	100.0	92.8	80	87.5	100.0	9	9	100.0	11	11
Studio Art: 3-D Design	—	—	—	100.0	—	—	100.0	—	—	—	—	—	—
Biology	32.8	40.0	43.2	22.9	13.0	37.2	38.9	11.4	4	35	32.4	12	37
<b>Calculus AB</b>	<b>41.1</b>	<b>67.1</b>	<b>78.3</b>	<b>84.2</b>	<b>68.4</b>	<b>73.0</b>	<b>66.7</b>	<b>61.7</b>	<b>79</b>	<b>128</b>	<b>51.0</b>	<b>79</b>	<b>155</b>
Calculus BC	88.5	71.4	76.5	83.3	86.7	77.3	91.8	77.8	28	36	83.3	45	54
Chemistry	57.5	71.4	29.4	35.7	0.0	55.0	0.0	80.0	12	15	31.8	7	22
Computer Science A	—	—	—	—	—	—	100.0	—	—	—	—	—	—
Economics Micro	—	—	100.0	—	0.0	—	—	—	—	—	100.0	1	1
Economics Macro	—	—	9	44.4	70.0	21.4	57.1	29.2	14	48	40.0	12	30
<b>English Lang-Comp</b>	<b>100.0</b>	<b>66.7</b>	<b>70</b>	<b>75.7</b>	<b>84.2</b>	<b>45.7</b>	<b>26.1</b>	<b>24.5</b>	<b>36</b>	<b>147</b>	<b>37.6</b>	<b>50</b>	<b>133</b>
<b>English Lit-Comp</b>	<b>60.0</b>	<b>60.3</b>	<b>52.4</b>	<b>70.3</b>	<b>50.7</b>	<b>34.2</b>	<b>33.1</b>	<b>38.7</b>	<b>46</b>	<b>119</b>	<b>28.7</b>	<b>39</b>	<b>136</b>
Environmental Science	—	—	—	—	—	—	—	0.0	0	1	—	—	—
European History	90.3	51.9	94.1	82.6	—	—	100.0	—	—	—	80.0	36	45
French: Language	—	—	27.3	100.0	66.6	60.0	55.6	50.0	3	6	60.0	3	5
French: Literature	—	100.0	—	—	—	—	—	—	—	—	—	—	—
German Language	—	—	—	—	—	—	100.0	100.0	3	3	—	—	—
Government/Politics-US	40.3	31.3	45.3	33.3	36.0	35.0	49.1	29.0	18	62	45.0	18	40
History of Art	—	—	—	—	—	—	0.0	0.0	0	4	—	—	—
<b>Human Geography</b>	—	—	—	—	—	—	<b>55.9</b>	<b>49.5</b>	<b>46</b>	<b>93</b>	<b>42.5</b>	<b>31</b>	<b>73</b>
Latin: Vergil	—	4.2	—	100.0	—	—	—	—	—	—	—	—	—
Latin: Literature	46.4	—	—	—	—	0.0	—	100.0	1	1	—	—	—
Music Theory	100.0	30.0	—	71.4	—	—	—	40.0	2	5	16.7	1	6
Physics B	—	—	33.3	45.0	76.9	64.3	73.7	84.0	21	25	40.0	2	5
Physics C: Elec. & M.	—	—	—	—	100.0	—	100.0	—	—	—	—	—	—
Physics C: Mechanics	66.7	—	—	—	100.0	—	100.0	—	—	—	—	—	—
Psychology	—	—	—	—	—	—	27.7	45.0	18	40	56.9	29	51
Spanish: Language	73.3	33.3	—	—	25.0	18.2	16.7	100.0	8	8	50.0	1	2
Statistics	10.0	38.1	20.0	0	—	0.0	5.6	37.7	20	53	37.0	20	54
<b>U. S. History</b>	<b>25.0</b>	<b>44.9</b>	<b>51.3</b>	<b>40.3</b>	<b>60.3</b>	<b>41.7</b>	<b>30.9</b>	<b>40.0</b>	<b>30</b>	<b>75</b>	<b>35.5</b>	<b>22</b>	<b>62</b>
World History	—	—	—	—	—	—	64.0	45.3	29	64	0.0	0	17
<b>All AP Exams</b>	<b>49.2</b>	<b>52.7</b>	<b>57.0</b>	<b>57.5</b>	<b>60.0</b>	<b>50.0</b>	<b>43.4</b>	<b>43.7</b>	<b>427</b>	<b>977</b>	<b>44.6</b>	<b>419</b>	<b>939</b>