

Background

Advanced Placement courses provide the opportunity for students to participate in challenging course work which allows them to fully pursue interest in a particular subject area. HCPSS offers 30 AP courses and 32 exams in the subject areas of art, computer science, English, mathematics, music, science, social studies, and world languages. Each of these curricular areas provides curriculum, common course syllabi, resources, and professional development opportunities for the various courses.

The *Bulletin for AP Students and Parents* published by the College Board, states that participation in the AP Program has three benefits for students:

- Builds confidence in the ability to perform college level work by helping to improve study habits, improve writing skills, and problem-solving ability.
- Provides the potential to enter college having already earned college credit or advanced placement.
- Improves chances for college success since research has shown that AP success typically equates to improving college success.¹

AP exams are administered in the corresponding courses in May of each year. An Advanced Placement (AP) exam is a measure of a student's mastery of college-level studies in specific academic content areas while still in high school. Scores are reported on a scale from 1 to 5 and reflect the degree to which a student may be qualified for college credit or placement. According to the College Board, which owns and administers the AP program, an exam score of 3 or higher is a strong predictor of a student's ability to succeed in college and earn a degree.² Many colleges and universities use AP exam scores to award credit to incoming students and/or place them in higher level courses.

As part of the HCPSS focus on college and career readiness, every sophomore and junior in HCPSS takes the PSAT in the fall of each school year. Schools may then utilize the PSAT AP Potential index to identify students who can be successful in AP courses. In addition, schools hold information nights for parents and students about the AP program offerings. Teachers are also encouraged to "talent-spot" students and to personally invite them to consider AP courses. Schools also have Professional Learning Communities to coordinate school-based efforts to improve AP participation and performance.

The Office of Advanced Programs and G/T provides funding for school based testing coordinators to facilitate AP tests each year. In addition, the Office coordinates the distribution of fee waivers for those families in financial need. Last year, over 400 fee waivers were granted to HCPSS students.

¹ *Bulletin for AP Students and Parents 2011-12* (2011). CollegeBoard. Princeton, NJ.

² Geiser, S. &. (2004). *The role of advanced placement and honors courses in college admissions*. Berkeley, California: Center for Studies in Higher Education.

This report provides an overview of AP course and exam participation and AP exam performance among HCPSS high school students in 2011.

AP Course Enrollment

Through AP courses, HCPSS students are able to maximize their educational experiences by participating in rigorous coursework while also engaging in academic practices that will help prepare them for post-secondary education. Over the last five years, AP course enrollment has increased. In 2011, more than a quarter of all high school students and nearly half of all seniors were enrolled in at least one AP course (Table 1).

Table 1: AP Course Participation by Grade, 2007-2011

Grade	End of Year Enrollment					Percent Enrolled in AP				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
12	3,567	3,785	3,830	4,031	4,039	47.2	46.3	46.4	48.3	49.6
11	3,769	3,730	3,908	3,952	3,847	29.8	33.7	32.1	41.5	40.4
10	3,957	4,068	4,133	4,008	4,336	16.3	17.3	17.0	17.9	18.2
9	4,340	4,320	4,268	4,516	4,266	0.1	0.3	0.5	0.4	0.6
9-12	15,633	15,903	16,139	16,507	16,488	22.1	23.4	23.2	26.2	26.5

Among the racial/ethnic student groups, the percent of students enrolled who took AP courses ranged from 12.1 percent among Black or African American students to 40.6 percent among Asian students. More than 80 percent of students enrolled in AP courses took AP exams, with participation rates ranging from 69.7 to 84.9 percent among the racial ethnic groups (Table 2). Due to implementation of new federal race codes in 2011, trend data are not available for each racial/ethnic student group.

Table 2: 2011 Participation in AP Courses and AP Exams by Student Group

Student Group	End-of-Year Enrollment	Number Enrolled in AP Course	Percent Enrolled in AP Course	Number Enrolled in Course Taking AP Exam	Percent of Course Participants Taking Exam	Percent of Enrollment Taking Exam
All Students	16,488	4,376	26.5	3,546	81.0	21.5
Asian	2,442	992	40.6	842	84.9	34.5
Black/African American	3,241	393	12.1	274	69.7	8.5
Hispanic/Latino	1,205	211	17.5	163	77.3	13.5
White	8,636	2,523	29.2	2,062	81.7	23.9
Two or More Races	909	251	27.6	200	79.7	22.0

Note: There are fewer than 10 students enrolled in AP courses in the American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander student groups. Data are suppressed to protect student confidentiality.

AP Exam Participation and Performance

HCPSS students took a record-setting 7,895 AP exams in 2011. The percentage of AP exams taken by HCPSS students that earned scores of 3 or higher (81.5 percent) was 21.3 points greater than the percentage for students in Maryland (60.2 percent) and 23.5 points greater than the percentage for students in the nation (58.0 percent).

Table 3: 2011 AP Exam Participation and Performance

	Number AP Exams Taken	Number AP Exams Scored 3 or Higher	Percentage AP Exams Scored 3 or Higher
HCPSS	7,895	6,436	81.5
Maryland	110,641	66,628	60.2
Nation	3,456,020	2,003,811	58.0

While 81.5 percent of exams taken by HCPSS students earned scores of 3 or higher in 2011, 54.0 percent earned scores of 4 or higher. These percentages have remained relatively steady since 2007.

Table 4: Exams Scores of 3 or Higher and 4 or Higher, 2007–2011

School Year	3 or Higher		4 or Higher	
	Number	Percent	Number	Percent
2007	4,448	78.8	2,935	52.0
2008	5,111	82.3	3,453	55.6
2009	5,468	83.0	3,966	60.2
2010	5,791	81.1	3,970	55.6
2011	6,436	81.5	4,266	54.0

Table 5 displays the number of students who took an AP exam, the number of exams taken, the percent earning scores of 3 or higher, and the percent earning scores of 4 or higher, disaggregated by racial/ethnic group. The percentage of students scoring 3 or higher ranged from 67.2 percent among Black or African American students to 83.2 percent among White students.

Table 5: 2011 AP Exam Participation and Performance by Racial/Ethnic Group

Student Group	Number of Test Takers	Number of Exams	Percent of Scores 3 or Higher	Percent of Scores 4 or Higher
All Students	3688	7895	81.5	54.0
Asian	866	2162	82.0	57.9
Black or African American	270	488	67.2	35.9
Hispanic or Latino of Any Race	178	329	78.1	46.5
White	2161	4489	83.2	54.5
Two or More Races	208	419	80.4	55.8

Note: There are fewer than 10 students enrolled in AP courses in the American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander student groups. Data are suppressed to protect student confidentiality.

AP Exam Participation and Performance by School

Table 6, below, displays the 2011 AP exam participation and performance by school. River Hill and Centennial had the most test takers with 523 and 443 students participating, respectively. These schools also had the highest number of exams taken, with 1,200 exams taken at River Hill and 1,079 taken at Centennial.

The schools with the highest percentage of exams scored 3 or higher include Centennial (89 percent), Atholton (88 percent), Marriotts Ridge (88 percent), and Mt. Hebron (88 percent).

Table 6: 2011 AP Participation and Performance by School

	Test Takers	Exams	Number of Exams Receiving a Score of:					Percent Exams Scored 3 or Higher
			1	2	3	4	5	
Atholton HS	287	696	32	54	180	203	227	88%
Centennial HS	443	1,079	28	96	235	314	406	89%
Glenelg HS	296	612	36	98	208	166	104	78%
Hammond HS	188	361	42	74	99	77	69	68%
Howard HS	387	882	91	193	261	181	156	68%
Long Reach HS	166	303	21	51	89	85	57	76%
Marriotts Ridge HS	337	620	17	56	176	198	173	88%
Mt. Hebron HS	335	788	20	74	201	225	268	88%
Oakland Mills HS	165	304	22	46	93	78	65	78%
Reservoir HS	333	638	55	82	188	179	134	79%
River Hill HS	523	1,200	48	145	341	357	309	84%
Wilde Lake HS	228	412	20	58	99	97	138	81%
All Schools	3,688	7,895	432	1,027	2,170	2,160	2,106	82%

Additional information is provided in the appendices, as detailed below:

Appendix A: AP exam participation by school, 2007-2011

Appendix B: AP exam performance by school, 2007-2011

Appendix C: 2011 AP exam participation and performance by racial/ethnic group for each school

Appendix D: 2011 AP exam participation and performance by exam for each school

Summary

HCPSS will continue its commitment to offer rigorous and challenging courses and other curricular opportunities for all students in order to support their preparation for academic achievement and success.

Appendix A

Table A1: AP Exam Participation by HCPSS High School, 2007 through 2011

	Number of Test Takers						Number of Exams Taken					
	2007	2008	2009	2010	2011	5-Year Change	2007	2008	2009	2010	2011	5-Year Change
Atholton	184	237	241	255	287	103	401	505	508	571	696	295
Centennial	430	408	421	422	443	13	1001	980	1097	1,040	1,079	78
Glenelg	235	264	250	258	296	61	422	525	484	468	612	190
Hammond	149	148	157	168	188	39	289	289	291	315	361	72
Howard	215	240	248	348	387	172	419	474	517	762	882	463
Long Reach	157	147	135	159	166	9	277	257	224	297	303	26
Marriotts Ridge	148	301	287	340	337	189	312	650	561	626	620	308
Mt. Hebron	257	248	286	336	335	78	654	536	660	752	788	134
Oakland Mills	133	132	121	142	165	32	231	263	240	266	304	73
Reservoir	182	229	231	276	333	151	360	452	478	522	638	278
River Hill	392	392	449	479	523	131	888	874	1,101	1,171	1,200	312
Wilde Lake	240	226	217	193	228	-12	391	405	427	350	412	21

Appendix B

Table B1: AP Exam Performance by HCPSS High School, 2007 through 2011

	Percentage of Scores 3 or Higher						Percentage of Scores 4 or Higher					
	2007	2008	2009	2010	2011	5-Year Change	2007	2008	2009	2010	2011	5-Year Change
Atholton	91.0	82.6	83.7	85.5	87.6	-3.4	61.3	52.7	60.2	57.6	61.8	0.5
Centennial	83.6	87.7	91.2	90.2	88.5	4.9	59.2	66.3	72.8	69.7	66.7	7.5
Glenelg	75.6	79.0	77.7	75.2	78.1	2.5	39.3	42.5	47.5	41.2	44.1	4.8
Hammond	79.6	81.3	68.0	67.6	67.9	-11.7	51.2	53.3	45.0	40.3	40.4	-10.8
Howard	68.0	65.6	77.0	71.1	67.8	-0.2	41.1	36.9	48.9	39.5	38.2	-2.9
Long Reach	55.6	73.2	71.9	75.1	76.2	20.6	33.9	40.5	53.1	44.8	46.9	13.0
Marriotts Ridge	87.8	81.8	84.7	86.4	88.2	0.4	56.4	57.1	61.7	62.5	59.8	3.4
Mt. Hebron	76.0	90.5	90.3	87.1	88.1	12.1	56.9	72.2	69.8	67.7	62.6	5.7
Oakland Mills	79.2	80.6	76.7	77.1	77.6	-1.6	51.1	52.1	50.8	53.4	47.0	-4.1
Reservoir	74.2	80.1	78.9	77.0	78.5	4.3	45.8	50.2	53.6	50.2	49.1	3.3
River Hill	85.2	87.1	84.8	80.4	83.9	-1.3	56.1	61.1	63.6	55.3	55.5	-0.6
Wilde Lake	72.1	82.2	81.0	82.3	81.1	9.0	48.3	56.0	56.9	60.0	57.0	8.7

Appendix C

Table C1: 2011 AP Exam Participation and Performance by Racial/Ethnic Group for Each HCPSS High School

Atholton	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	287	696	87.6	61.8
Asian	72	203	87.2	63.5
Black/African American	20	37	83.8	43.2
Hispanic/Latino	17	35	97.1	82.9
White	162	383	86.7	59.8
Two or More Races	16	38	94.7	71.1

Centennial	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	443	1,079	88.5	66.7
Asian	177	525	88.2	67.8
Black/African American	11	21	66.7	28.6
Hispanic/Latino	17	31	80.6	58.1
White	214	454	90.7	67.2
Two or More Races	24	48	85.4	72.9

Glennelg	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	296	612	78.1	44.1
Asian	20	56	73.2	30.4
Black/African American	13	25	68.0	40.0
Hispanic/Latino	7	13	*	*
White	248	499	79.0	45.3
Two or More Races	8	19	*	*

Hammond	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	188	361	67.9	40.4
Asian	27	59	69.5	49.2
Black/African American	33	50	44.0	16.0
Hispanic/Latino	7	8	*	*
Two or More Races	11	23	56.5	17.4
White	109	220	75.0	47.3

* When the number of test takers is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix C

Table C1: 2011 AP Exam Participation and Performance by Racial/Ethnic Group for Each HCPSS High School (continued)

Howard	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	387	882	67.8	38.2
Asian	50	108	54.6	26.9
Black/African American	42	93	67.7	37.6
Hispanic/Latino	30	72	34.0	29.2
White	239	562	71.2	42.0
Two or More Races	26	47	63.8	34.0

Long Reach	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	166	303	76.2	46.9
Asian	30	58	79.3	50.0
Black/African American	29	49	65.3	42.9
Hispanic/Latino	8	14	*	*
Two or More Races	7	13	*	*
White	92	169	79.3	46.7

Marriotts Ridge	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	337	620	88.2	59.8
Asian	108	217	82.5	57.6
Black/African American	3	7	*	*
Hispanic/Latino	13	20	80.0	60.0
White	196	349	91.4	60.7
Two or More Races	17	27	100.0	70.4

Mt. Hebron	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	335	788	88.1	62.6
Asian	99	252	85.3	64.7
Black/African American	21	38	94.7	55.3
Hispanic/Latino	14	30	90.0	50.0
Two or More Races	20	34	76.5	50.0
White	181	434	89.9	63.8

* When the number of test takers is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix C

2011 AP Exam Participation and Performance by Racial/Ethnic Group for Each HCPSS High School

Oakland Mills	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	165	304	77.6	47.0
Asian	20	45	64.4	42.2
Black/African American	21	35	65.7	22.9
Hispanic/Latino	12	16	75.0	31.3
White	98	179	84.4	54.2
Two or More Races	14	29	72.4	48.3

Reservoir	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	333	638	78.5	49.1
Asian	57	115	72.2	41.7
Black/African American	33	53	64.2	41.5
Hispanic/Latino	27	44	77.3	34.1
White	198	389	82.5	53.5
Two or More Races	16	33	78.8	51.5

River Hill	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	523	1,200	83.9	55.5
Asian	177	463	84.2	59.0
Black/African American	18	36	63.9	25.0
Hispanic/Latino	15	29	93.1	65.5
White	284	603	84.9	54.2
Two or More Races	28	68	80.9	55.9

Wilde Lake	# Test Takers	# Exams Taken	Exams 3 or Higher (%)	Exams 4 or Higher (%)
All Students	228	412	81.1	57.0
Asian	29	61	80.3	55.7
Black/African American	26	44	61.4	36.4
Hispanic/Latino	11	17	76.5	35.3
White	140	248	83.5	59.7
Two or More Races	21	40	90.0	72.5

* When the number of test takers is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School

Art: Studio Art – 2-D Design	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	1	*	*	*	*	*
Centennial HS	3	*	*	*	*	*
Glenelg HS	2	*	*	*	*	*
Hammond HS	3	*	*	*	*	*
Howard HS	7	*	*	*	*	*
Marriotts Ridge HS	2	*	*	*	*	*
Mt. Hebron HS	2	*	*	*	*	*
Oakland Mills HS	7	*	*	*	*	*
Reservoir HS	7	*	*	*	*	*
River Hill HS	17	0	0	14	3	0
Wilde Lake HS	2	*	*	*	*	*
All Schools	53	0	4	27	16	6

Art: Studio Art- 3-D Design	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Marriotts Ridge HS	3	*	*	*	*	*
Reservoir HS	3	*	*	*	*	*
All Schools	6	*	*	*	*	*

Art: Studio Art- Drawing	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	11	0	1	6	2	2
Centennial HS	1	*	*	*	*	*
Glenelg HS	3	*	*	*	*	*
Howard HS	13	0	5	8	0	0
Marriotts Ridge HS	4	*	*	*	*	*
Mt. Hebron HS	1	*	*	*	*	*
Reservoir HS	9	*	*	*	*	*
River Hill HS	10	0	3	2	1	4
Wilde Lake HS	7	*	*	*	*	*
All Schools	59	0	10	26	11	12

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Biology	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	42	5	2	5	9	21
Centennial HS	67	1	5	12	18	31
Glenelg HS	18	0	3	3	8	4
Hammond HS	13	8	3	0	1	1
Howard HS	49	12	10	6	7	14
Long Reach HS	17	2	3	2	6	4
Marriotts Ridge HS	20	2	1	2	8	7
Mt. Hebron HS	20	3	5	4	4	4
Oakland Mills HS	11	1	2	4	1	3
Reservoir HS	25	4	1	8	6	6
River Hill HS	72	1	6	14	22	29
Wilde Lake HS	14	1	3	2	4	4
All Schools	368	40	44	62	94	128

Calculus AB	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	70	1	3	12	23	31
Centennial HS	111	5	8	15	23	60
Glenelg HS	84	9	9	19	25	22
Hammond HS	30	3	3	5	5	14
Howard HS	71	10	13	19	13	16
Long Reach HS	32	1	0	7	10	14
Marriotts Ridge HS	70	6	2	19	18	25
Mt. Hebron HS	114	5	5	13	21	70
Oakland Mills HS	35	1	0	7	8	19
Reservoir HS	48	10	4	13	8	13
River Hill HS	125	11	14	25	28	47
Wilde Lake HS	44	0	0	4	8	32
All Schools	834	62	61	158	190	363

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Calculus BC	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	49	3	5	6	10	25
Centennial HS	52	1	3	4	7	37
Glenelg HS	24	2	1	8	3	10
Hammond HS	17	1	3	1	3	9
Howard HS	23	0	2	1	4	16
Long Reach HS	11	0	0	0	3	8
Marriotts Ridge HS	22	1	0	4	5	12
Mt. Hebron HS	52	0	0	1	9	42
Oakland Mills HS	24	2	1	6	4	11
Reservoir HS	14	0	0	0	2	12
River Hill HS	54	2	4	8	15	25
Wilde Lake HS	21	0	0	3	1	20
All Schools	363	12	19	39	66	227

Chemistry	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	53	6	4	15	14	14
Centennial HS	19	0	1	6	4	8
Glenelg HS	23	4	2	7	6	4
Hammond HS	9	*	*	*	*	*
Howard HS	11	0	4	3	3	1
Long Reach HS	10	3	2	3	2	0
Marriotts Ridge HS	22	0	1	3	8	10
Mt. Hebron HS	22	1	3	8	4	6
Oakland Mills HS	8	*	*	*	*	*
River Hill HS	46	2	5	16	13	10
Wilde Lake HS	13	1	1	2	5	5
All Schools	236	21	24	66	64	61

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Computer Science A	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	18	1	2	2	5	8
Centennial HS	47	3	5	13	16	10
Glenelg HS	9	*	*	*	*	*
Hammond HS	12	5	0	3	2	2
Howard HS	26	5	1	5	8	7
Marriotts Ridge HS	10	0	0	1	7	2
Mt. Hebron HS	18	2	1	6	8	1
Oakland Mills HS	15	4	2	2	3	4
Reservoir HS	8	*	*	*	*	*
River Hill HS	18	0	0	3	9	6
All Schools	181	21	12	38	66	44

Economics: Macroeconomics	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	6	*	*	*	*	*
Centennial HS	50	2	6	10	16	16
Howard HS	16	6	6	2	2	0
Long Reach HS	11	1	2	2	5	1
Mt. Hebron HS	6	*	*	*	*	*
Reservoir HS	15	1	5	2	4	3
River Hill HS	17	4	6	4	3	0
All Schools	121	15	27	24	32	23

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Economics: Microeconomics	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	9	*	*	*	*	*
Centennial HS	46	2	7	10	16	11
Howard HS	15	4	1	6	3	1
Marriotts Ridge HS	9	*	*	*	*	*
Mt. Hebron HS	62	0	0	2	26	34
Reservoir HS	1	*	*	*	*	*
River Hill HS	14	2	2	4	5	1
All Schools	156	8	14	30	56	48

English Language & Composition	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	80	0	4	33	19	24
Centennial HS	103	0	2	26	39	36
Glenelg HS	87	0	15	37	26	9
Hammond HS	40	0	8	17	12	3
Howard HS	100	0	9	37	33	21
Long Reach HS	32	0	0	16	12	4
Marriotts Ridge HS	63	0	3	26	19	15
Mt. Hebron HS	86	0	13	29	20	24
Oakland Mills HS	53	0	12	23	13	5
Reservoir HS	69	0	10	24	20	15
River Hill HS	122	2	9	40	44	27
Wilde Lake HS	32	0	7	13	6	6
All Schools	867	2	92	321	263	189

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

English Literature & Composition	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	49	0	7	15	16	11
Centennial HS	67	0	6	22	24	15
Glenelg HS	81	0	10	40	19	12
Hammond HS	51	0	13	22	8	8
Howard HS	127	0	43	51	20	13
Long Reach HS	38	0	8	17	12	1
Marriotts Ridge HS	47	0	8	19	17	3
Mt. Hebron HS	90	0	12	45	22	11
Oakland Mills HS	29	0	5	6	16	2
Reservoir HS	49	0	10	17	15	7
River Hill HS	134	0	24	64	32	14
Wilde Lake HS	24	0	3	9	7	5
All Schools	786	0	149	327	208	102

Environmental Science	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	14	3	3	2	5	1
Centennial HS	24	1	6	5	9	3
Glenelg HS	19	2	9	3	5	0
Hammond HS	1	*	*	*	*	*
Howard HS	17	1	4	5	5	2
Marriotts Ridge HS	13	0	1	5	5	2
Mt. Hebron HS	26	1	8	9	6	2
Reservoir HS	10	0	3	2	3	2
River Hill HS	27	1	3	6	10	7
All Schools	151	9	37	37	48	20

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

European History	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	11	4	0	3	3	1
Centennial HS	23	2	7	5	6	3
Hammond HS	9	*	*	*	*	*
Howard HS	14	2	2	8	2	0
Mt. Hebron HS	10	0	0	2	3	5
Oakland Mills HS	10	4	0	3	2	1
Reservoir HS	44	9	9	21	3	2
River Hill HS	31	4	2	11	11	3
All Schools	152	25	20	59	31	17

French Language	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	5	*	*	*	*	*
Centennial HS	5	*	*	*	*	*
Glenelg HS	1	*	*	*	*	*
Hammond HS	3	*	*	*	*	*
Howard HS	10	2	6	2	0	0
Marriotts Ridge HS	6	*	*	*	*	*
Mt. Hebron HS	5	*	*	*	*	*
Oakland Mills HS	2	*	*	*	*	*
Reservoir HS	2	*	*	*	*	*
River Hill HS	7	*	*	*	*	*
Wilde Lake HS	1	*	*	*	*	*
All Schools	47	7	14	16	7	3

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Government & Politics: Comparative	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	3	*	*	*	*	*
Centennial HS	7	*	*	*	*	*
Glenelg HS	1	*	*	*	*	*
Marriotts Ridge HS	8	*	*	*	*	*
Mt. Hebron HS	5	*	*	*	*	*
Wilde Lake HS	17	0	2	2	2	11
All Schools	41	1	2	6	13	19

Government & Politics: U.S.	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	33	1	1	7	9	15
Centennial HS	96	2	12	28	28	26
Glenelg HS	48	0	7	22	9	10
Hammond HS	38	3	14	12	4	5
Howard HS	69	3	18	17	13	18
Long Reach HS	34	1	10	13	6	4
Marriotts Ridge HS	88	2	9	28	26	23
Mt. Hebron HS	38	1	5	12	12	8
Oakland Mills HS	33	3	10	10	7	3
Reservoir HS	59	2	1	22	18	16
River Hill HS	135	7	21	38	35	34
Wilde Lake HS	58	0	6	13	14	25
All Schools	729	25	114	222	181	187

History of Art	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
River Hill HS	15	0	2	7	5	1
All Schools	15	0	2	7	5	1

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Human Geography	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	17	0	0	2	5	10
Glenelg HS	7	*	*	*	*	*
Marriotts Ridge HS	8	*	*	*	*	*
Reservoir HS	1	*	*	*	*	*
River Hill HS	2	*	*	*	*	*
All Schools	35	0	2	8	10	15

Latin: Vergil	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Howard HS	2	*	*	*	*	*
Mt. Hebron HS	1	*	*	*	*	*
All Schools	3	*	*	*	*	*

Music Theory	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	2	*	*	*	*	*
Glenelg HS	3	*	*	*	*	*
Howard HS	3	*	*	*	*	*
Long Reach HS	1	*	*	*	*	*
River Hill HS	6	*	*	*	*	*
Wilde Lake HS	2	*	*	*	*	*
All Schools	17	1	7	0	3	6

Physics B	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Centennial HS	4	*	*	*	*	*
All Schools	4	*	*	*	*	*

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Physics C - Electricity & Magnetism	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	7	*	*	*	*	*
Centennial HS	17	0	0	0	5	12
Glenelg HS	1	*	*	*	*	*
Hammond HS	4	*	*	*	*	*
Long Reach HS	1	*	*	*	*	*
Marriotts Ridge HS	8	*	*	*	*	*
Mt. Hebron HS	13	0	1	1	3	8
Oakland Mills HS	1	*	*	*	*	*
Reservoir HS	12	2	5	0	2	3
All Schools	64	2	7	4	14	37

Physics C - Mechanics	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	24	0	3	7	7	7
Centennial HS	43	1	2	2	8	30
Glenelg HS	20	4	5	7	3	1
Hammond HS	19	4	3	5	6	1
Howard HS	23	6	4	6	3	4
Long Reach HS	9	*	*	*	*	*
Marriotts Ridge HS	15	1	5	3	5	1
Mt. Hebron HS	43	0	10	14	11	8
Oakland Mills HS	12	2	1	4	3	2
Reservoir HS	44	9	14	11	7	3
River Hill HS	32	4	6	7	9	6
Wilde Lake HS	4	*	*	*	*	*
All Schools	288	35	56	69	63	65

*When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Psychology	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	82	6	7	20	28	21
Centennial HS	108	3	4	15	37	49
Glenelg HS	67	8	14	16	19	10
Hammond HS	48	7	5	7	19	10
Howard HS	101	11	12	27	29	22
Long Reach HS	37	5	2	6	14	10
Marriotts Ridge HS	116	2	5	22	36	51
Mt. Hebron HS	67	4	2	25	25	11
Oakland Mills HS	9	*	*	*	*	*
Reservoir HS	73	4	3	14	28	24
River Hill HS	113	7	15	26	39	26
Wilde Lake HS	42	3	5	11	16	7
All Schools	863	61	74	193	291	244

Spanish Language	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	16	1	2	7	3	3
Centennial HS	13	1	2	1	3	6
Glenelg HS	16	2	3	6	3	2
Hammond HS	7	*	*	*	*	*
Howard HS	48	12	18	9	4	5
Long Reach HS	9	*	*	*	*	*
Marriotts Ridge HS	11	0	4	3	4	0
Mt. Hebron HS	17	0	0	5	5	7
Oakland Mills HS	8	*	*	*	*	*
Reservoir HS	11	1	2	3	3	2
River Hill HS	8	*	*	*	*	*
Wilde Lake HS	10	3	3	3	1	0
All Schools	174	22	47	42	33	30

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

Spanish Literature	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Howard HS	8	*	*	*	*	*
All Schools	8	*	*	*	*	*

Statistics	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	40	0	5	7	18	10
Centennial HS	60	1	4	19	18	18
Glenelg HS	24	1	2	13	7	1
Hammond HS	12	1	5	1	4	1
Howard HS	43	8	10	14	6	5
Long Reach HS	14	1	3	4	4	2
Marriotts Ridge HS	21	0	2	6	10	3
Mt. Hebron HS	66	1	5	18	26	16
Oakland Mills HS	4	*	*	*	*	*
Reservoir HS	58	9	5	20	18	6
River Hill HS	66	0	4	15	21	26
Wilde Lake HS	49	4	13	17	10	5
All Schools	457	26	58	137	143	93

US History	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	2	*	*	*	*	*
Centennial HS	31	0	0	6	12	13
Glenelg HS	8	*	*	*	*	*
Hammond HS	6	*	*	*	*	*
Marriotts Ridge HS	3	*	*	*	*	*
Oakland Mills HS	4	*	*	*	*	*
River Hill HS	23	0	0	1	15	7
Wilde Lake HS	7	*	*	*	*	*
All Schools	84	2	4	17	37	24

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.

Appendix D

Table D1: 2011 AP Exam Participation and Performance by AP Exam for Each HCPSS High School (continued)

World History	Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	51	0	4	17	17	13
Centennial HS	63	2	13	21	18	9
Glenelg HS	60	3	8	17	22	10
Hammond HS	39	4	11	15	6	3
Howard HS	86	6	19	29	22	10
Long Reach HS	47	3	12	17	10	5
Marriotts Ridge HS	50	0	7	15	16	12
Mt. Hebron HS	20	2	2	6	9	1
Oakland Mills HS	36	0	6	14	10	6
Reservoir HS	74	2	7	19	30	16
River Hill HS	105	1	14	30	32	28
Wilde Lake HS	61	7	14	14	17	9
All Schools	692	30	117	214	209	122

* When the number of exams taken is fewer than 10, the results are suppressed to protect student confidentiality.