



**BOARD OF EDUCATION OF HOWARD COUNTY
MEETING AGENDA ITEM**

TITLE: Advanced Placement Examinations – School Results **DATE:** November 15, 2012

PRESENTER(S): _____

OVERVIEW:

In 2012, HCPSS students took a total of 8,183 AP exams. Eighty-two percent of these exams were scored 3 or higher, and 56 percent were scored 4 or higher. 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.

Scores on AP examinations range from 1 to 5. Scores higher than 3 are considered good predictors of college success and may result in students being awarded college credit. See 2012 AP exam participation and performance by exam for each school attached. This document is a supplement to the 2012 Advanced Placement Participation and Performance Report presented October 18, 2012.

RECOMMENDATION/FUTURE DIRECTION:

The HCPSS is making progress in preparing students for college-level work. School staff will continue efforts to identify students with AP potential and to further increase the participation and performance levels of students in all high schools.

Submitted by: _____
E. Grace Chesney
Chief Accountability Officer

Approval/Concurrence: _____
Renee A. Foose, Ed.D.
Superintendent

2012 Advanced Placement Participation and Performance by Exam and School

Art: Studio Art - 2-D Design	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	5	*	*	*	*	*
Centennial HS	10	0	0	1	8	1
Glenelg HS	8	*	*	*	*	*
Hammond HS	1	*	*	*	*	*
Howard HS	14	0	2	6	4	2
Marriotts Ridge HS	2	*	*	*	*	*
Oakland Mills HS	4	*	*	*	*	*
Reservoir HS	11	0	0	2	5	4
River Hill HS	12	0	0	5	7	0
All Schools	67	0	6	20	31	10

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

Art: Studio Art - Drawing	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Glenelg HS	1	*	*	*	*	*
Hammond HS	3	*	*	*	*	*
Howard HS	8	*	*	*	*	*
Marriotts Ridge HS	4	*	*	*	*	*
Mt. Hebron HS	5	*	*	*	*	*
Reservoir HS	4	*	*	*	*	*
River Hill HS	8	*	*	*	*	*
Wilde Lake HS	3	*	*	*	*	*
All Schools	36	1	8	13	7	7

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

2012 Advanced Placement Participation and Performance by Exam and School

Biology	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	51	0	14	7	13	17
Centennial HS	56	1	4	5	13	33
Glenelg HS	16	2	1	2	6	5
Hammond HS	35	16	4	6	4	5
Howard HS	62	18	14	12	11	7
Long Reach HS	9	*	*	*	*	*
Marriotts Ridge HS	31	1	0	2	7	21
Mt. Hebron HS	52	10	8	11	8	15
Oakland Mills HS	14	6	4	2	1	1
Reservoir HS	27	5	3	3	5	11
River Hill HS	56	2	3	6	16	29
Wilde Lake HS	6	*	*	*	*	*
All Schools	415	62	56	57	88	152

Calculus AB	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	76	1	5	15	24	31
Centennial HS	124	5	6	14	17	82
Glenelg HS	63	2	1	11	18	31
Hammond HS	44	6	8	9	9	12
Howard HS	98	8	10	23	23	34
Long Reach HS	32	2	2	5	4	19
Marriotts Ridge HS	90	2	5	18	17	48
Mt. Hebron HS	114	4	3	11	23	73
Oakland Mills HS	58	3	6	20	14	15
Reservoir HS	52	2	2	11	9	28
River Hill HS	137	6	7	22	33	69
Wilde Lake HS	40	0	0	0	2	38
All Schools	928	41	55	159	193	480

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2012 Advanced Placement Participation and Performance by Exam and School

Calculus BC	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	41	1	1	6	7	26
Centennial HS	41	0	0	3	4	34
Glenelg HS	29	1	2	9	4	13
Hammond HS	14	2	0	2	1	9
Howard HS	28	3	7	5	6	7
Long Reach HS	16	0	0	4	1	11
Marriotts Ridge HS	34	0	0	6	6	22
Mt. Hebron HS	52	0	1	0	3	48
Oakland Mills HS	18	2	1	5	4	6
Reservoir HS	15	0	0	1	2	12
River Hill HS	75	0	6	6	13	50
Wilde Lake HS	23	0	0	0	0	23
All Schools	386	9	18	47	51	261

Chemistry	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	44	2	4	13	11	14
Centennial HS	43	1	0	9	13	20
Glenelg HS	20	0	3	5	7	5
Hammond HS	6	*	*	*	*	*
Howard HS	27	2	5	12	4	4
Long Reach HS	11	0	1	1	4	5
Marriotts Ridge HS	19	1	1	1	7	9
Mt. Hebron HS	13	1	5	1	4	2
Oakland Mills HS	14	2	3	6	3	0
Reservoir HS	4	*	*	*	*	*
River Hill HS	55	1	2	13	13	26
Wilde Lake HS	13	1	2	5	2	3
All Schools	269	11	28	68	72	90

Chinese Language and Culture	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Centennial HS	5	*	*	*	*	*
Glenelg HS	1	*	*	*	*	*
Long Reach HS	1	*	*	*	*	*
Marriotts Ridge HS	1	*	*	*	*	*
Mt. Hebron HS	2	*	*	*	*	*
All Schools	10	0	0	0	1	9

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2012 Advanced Placement Participation and Performance by Exam and School

Computer Science A	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	20	5	3	7	3	2
Centennial HS	51	4	4	13	22	8
Glenelg HS	11	2	0	3	4	2
Hammond HS	11	8	1	1	1	0
Howard HS	16	7	2	2	3	2
Long Reach HS	1	*	*	*	*	*
Marriotts Ridge HS	20	0	0	3	9	8
Mt. Hebron HS	10	5	1	0	4	0
Oakland Mills HS	9	*	*	*	*	*
Reservoir HS	9	*	*	*	*	*
River Hill HS	25	2	1	7	10	5
Wilde Lake HS	1	*	*	*	*	*
All Schools	184	39	12	44	58	31

Economics: Macroeconomics	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	13	1	2	7	1	2
Centennial HS	38	2	6	10	10	10
Howard HS	34	13	6	10	3	2
Long Reach HS	11	0	2	2	4	3
Mt. Hebron HS	78	0	2	4	16	56
River Hill HS	16	2	6	3	2	3
All Schools	190	18	24	36	36	76

Economics: Microeconomics	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	14	0	0	7	3	4
Centennial HS	37	1	1	11	13	11
Howard HS	16	1	0	7	6	2
Marriotts Ridge HS	16	0	4	7	4	1
Mt. Hebron HS	3	*	*	*	*	*
River Hill HS	17	2	4	6	2	3
All Schools	103	4	9	38	30	22

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2012 Advanced Placement Participation and Performance by Exam and School

English Language & Composition	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	105	0	13	31	35	26
Centennial HS	97	0	2	25	37	33
Glenelg HS	74	0	6	29	25	14
Hammond HS	33	0	6	9	9	9
Howard HS	120	1	25	41	38	15
Long Reach HS	46	1	7	18	16	4
Marriotts Ridge HS	69	0	7	18	27	17
Mt. Hebron HS	74	0	7	24	31	12
Oakland Mills HS	51	2	10	21	15	3
Reservoir HS	86	0	7	30	31	18
River Hill HS	154	0	18	39	61	36
Wilde Lake HS	29	0	3	4	12	10
All Schools	938	4	111	289	337	197

English Literature & Composition	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	42	1	1	13	19	8
Centennial HS	78	0	9	21	31	17
Glenelg HS	71	0	6	31	21	13
Hammond HS	54	4	21	22	6	1
Howard HS	141	5	54	49	30	3
Long Reach HS	46	5	13	21	5	2
Marriotts Ridge HS	32	0	6	15	10	1
Mt. Hebron HS	43	0	5	11	12	15
Oakland Mills HS	36	0	16	11	5	4
Reservoir HS	65	1	10	31	19	4
River Hill HS	103	0	11	40	30	22
Wilde Lake HS	32	0	3	7	9	13
All Schools	743	16	155	272	197	103

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2012 Advanced Placement Participation and Performance by Exam and School

Environmental Science	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	11	3	2	1	5	0
Centennial HS	24	0	3	5	10	6
Glenelg HS	27	1	7	7	8	4
Howard HS	12	1	2	4	3	2
Long Reach HS	9	*	*	*	*	*
Marriotts Ridge HS	1	*	*	*	*	*
Mt. Hebron HS	13	0	5	4	2	2
Reservoir HS	1	*	*	*	*	*
River Hill HS	49	2	9	5	17	16
Wilde Lake HS	1	*	*	*	*	*
All Schools	148	7	29	27	50	35

European History	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	11	0	2	7	1	1
Centennial HS	21	0	1	10	7	3
Hammond HS	6	*	*	*	*	*
Howard HS	12	5	0	3	4	0
Oakland Mills HS	5	*	*	*	*	*
Reservoir HS	13	0	1	8	3	1
River Hill HS	25	10	6	5	2	2
All Schools	93	18	11	36	19	9

French Language	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	9	*	*	*	*	*
Centennial HS	1	*	*	*	*	*
Hammond HS	5	*	*	*	*	*
Howard HS	10	0	2	4	3	1
Mt. Hebron HS	5	*	*	*	*	*
Oakland Mills HS	10	1	4	3	1	1
Reservoir HS	5	*	*	*	*	*
River Hill HS	13	0	2	3	8	0
Wilde Lake HS	7	*	*	*	*	*
All Schools	65	1	16	23	21	4

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2012 Advanced Placement Participation and Performance by Exam and School

German Language	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Centennial HS	12	0	0	7	3	2
Glenelg HS	3	*	*	*	*	*
Howard HS	3	*	*	*	*	*
Marriotts Ridge HS	1	*	*	*	*	*
Oakland Mills HS	1	*	*	*	*	*
Wilde Lake HS	2	*	*	*	*	*
All Schools	22	0	3	11	4	4

Government & Politics: Comparative	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	8	*	*	*	*	*
Centennial HS	6	*	*	*	*	*
Marriotts Ridge HS	6	*	*	*	*	*
Mt. Hebron HS	8	*	*	*	*	*
River Hill HS	5	*	*	*	*	*
All Schools	33	0	4	7	12	10

Government & Politics: US	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	35	0	0	4	10	21
Centennial HS	104	3	16	25	18	42
Glenelg HS	69	1	17	24	17	10
Hammond HS	44	1	14	9	13	7
Howard HS	68	1	9	26	23	9
Long Reach HS	29	1	6	7	8	7
Marriotts Ridge HS	58	0	3	13	14	28
Mt. Hebron HS	60	3	11	13	20	13
Oakland Mills HS	39	0	8	16	8	7
Reservoir HS	53	0	3	13	18	19
River Hill HS	140	3	33	51	35	18
Wilde Lake HS	44	0	0	13	15	16
All Schools	743	13	120	214	199	197

History of Art	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Marriotts Ridge HS	9	*	*	*	*	*
Reservoir HS	14	1	3	5	5	0
All Schools	23	*	*	*	*	*

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2012 Advanced Placement Participation and Performance by Exam and School

Human Geography	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Glenelg HS	7	*	*	*	*	*
Marriotts Ridge HS	5	*	*	*	*	*
Oakland Mills HS	7	*	*	*	*	*
Reservoir HS	16	0	1	1	8	6
River Hill HS	1	*	*	*	*	*
Wilde Lake HS	12	0	0	1	3	8
All Schools	48	2	4	3	19	20

Italian Language and Culture	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Hammond HS	3	*	*	*	*	*
Marriotts Ridge HS	3	*	*	*	*	*
Wilde Lake HS	2	*	*	*	*	*
All Schools	8	*	*	*	*	*

Japanese Language and Culture	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
River Hill HS	1	*	*	*	*	*
All Schools	1	*	*	*	*	*

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

Music Theory	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	4	*	*	*	*	*
Centennial HS	4	*	*	*	*	*
Glenelg HS	3	*	*	*	*	*
Howard HS	7	*	*	*	*	*
Long Reach HS	2	*	*	*	*	*
Mt. Hebron HS	4	*	*	*	*	*
Oakland Mills HS	1	*	*	*	*	*
Reservoir HS	3	*	*	*	*	*
River Hill HS	4	*	*	*	*	*
Wilde Lake HS	1	*	*	*	*	*
All Schools	33	4	10	11	4	4

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2012 Advanced Placement Participation and Performance by Exam and School

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

Physics C – Electricity & Magnetism	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	6	*	*	*	*	*
Centennial HS	14	0	0	0	1	13
Hammond HS	4	*	*	*	*	*
Marriotts Ridge HS	10	0	0	0	1	9
Mt. Hebron HS	19	0	1	1	7	10
Oakland Mills HS	2	*	*	*	*	*
Reservoir HS	7	*	*	*	*	*
River Hill HS	17	3	0	2	3	9
All Schools	79	5	4	5	14	51

Physics C - Mechanics	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	33	1	4	9	7	12
Centennial HS	44	1	0	4	12	27
Glenelg HS	10	1	2	3	2	2
Hammond HS	15	1	1	3	5	5
Howard HS	22	5	3	6	5	3
Long Reach HS	8	*	*	*	*	*
Marriotts Ridge HS	26	0	3	6	9	8
Mt. Hebron HS	35	2	3	8	13	9
Oakland Mills HS	15	3	3	2	2	5
Reservoir HS	28	7	8	5	4	4
River Hill HS	45	5	4	8	15	13
Wilde Lake HS	2	*	*	*	*	*
All Schools	283	28	33	55	78	89

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2012 Advanced Placement Participation and Performance by Exam and School

Psychology	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	56	15	11	9	10	11
Centennial HS	103	8	11	15	35	34
Glenelg HS	51	6	9	14	9	13
Hammond HS	58	8	6	14	16	14
Howard HS	101	8	16	20	37	20
Long Reach HS	21	2	4	8	5	2
Marriotts Ridge HS	141	1	7	19	51	63
Mt. Hebron HS	70	10	5	12	25	18
Oakland Mills HS	7	*	*	*	*	*
Reservoir HS	62	7	9	15	17	14
River Hill HS	114	13	16	25	33	27
Wilde Lake HS	42	4	3	6	14	15
All Schools	826	83	101	157	253	232

Spanish Language	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	16	0	1	5	6	4
Centennial HS	22	0	4	10	5	3
Glenelg HS	26	2	6	6	8	4
Hammond HS	8	*	*	*	*	*
Howard HS	37	7	6	15	6	3
Long Reach HS	6	*	*	*	*	*
Marriotts Ridge HS	12	3	3	2	2	2
Mt. Hebron HS	20	1	2	4	4	9
Oakland Mills HS	12	3	4	2	1	2
Reservoir HS	19	2	5	7	4	1
River Hill HS	11	0	0	6	4	1
Wilde Lake HS	13	6	3	1	1	2
All Schools	202	27	36	62	43	34

Spanish Literature	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Centennial HS	1	*	*	*	*	*
Howard HS	10	1	1	5	2	1
Oakland Mills HS	15	11	4	0	0	0
All Schools	26	12	5	5	3	1

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2012 Advanced Placement Participation and Performance by Exam and School

Statistics	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	35	1	5	14	9	6
Centennial HS	31	1	5	7	10	8
Glenelg HS	30	1	7	10	8	4
Hammond HS	8	*	*	*	*	*
Howard HS	35	3	9	13	4	6
Long Reach HS	4	*	*	*	*	*
Marriotts Ridge HS	11	0	1	3	5	2
Mt. Hebron HS	42	3	4	9	18	8
Oakland Mills HS	6	*	*	*	*	*
Reservoir HS	50	5	6	14	17	8
River Hill HS	89	1	2	26	34	26
Wilde Lake HS	20	0	3	5	7	5
All Schools	361	18	50	105	115	73

US History	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Centennial HS	30	0	0	5	15	10
Glenelg HS	8	*	*	*	*	*
Marriotts Ridge HS	8	*	*	*	*	*
Oakland Mills HS	4	*	*	*	*	*
Reservoir HS	11	0	2	1	3	5
River Hill HS	25	0	1	7	10	7
Wilde Lake HS	16	0	4	3	6	3
All Schools	102	1	8	21	42	30

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2012 Advanced Placement Participation and Performance by Exam and School

World History	Number of Exams Taken	Number of Exams Receiving a Score of:				
		1	2	3	4	5
Atholton HS	56	0	2	21	18	15
Centennial HS	77	1	13	42	15	6
Glenelg HS	46	1	4	20	15	6
Hammond HS	47	2	13	22	7	3
Howard HS	82	1	17	34	22	8
Long Reach HS	41	2	7	18	10	4
Marriotts Ridge HS	63	0	1	13	21	28
Mt. Hebron HS	31	1	5	11	10	4
Oakland Mills HS	37	1	7	15	11	3
Reservoir HS	107	1	16	37	39	14
River Hill HS	134	2	10	43	46	33
Wilde Lake HS	57	1	3	19	14	20
All Schools	778	13	98	295	228	144

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