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INFORMATION

## Office of Shared Accountability MONTGOMERY COUNTY PUBLIC SCHOOLS Rockville, Maryland

December 6, 2013

## **MEMORANDUM**

To

High School Principals

From:

Geoffrey T. Sanderson, Associate Superintendent

Subject:

INFORMATION: 2013 Advanced Placement Exam Participation and Performance

for Students in Montgomery County Public Schools, and Public School Students in

the State of Maryland and the Nation

The continuing emphasis by Montgomery County Public Schools (MCPS) on rigorous course taking resulted in MCPS students taking a record-setting 33,642 Advanced Placement (AP) exams in 2013 (Table 1). Additionally, the percentage of AP exams taken by MCPS students who attained scores of 3 or higher (73.0%) was 12.6 and 16.0 percentage points higher than those for public school students in the state of Maryland (60.4%) and the nation (57.0%), respectively. Generally, the number of AP exams taken by MCPS students in 2013 accounted for 31.1 percent of all those taken by Maryland public school students, and the number of AP exams with scores of 3 or higher taken by MCPS students accounted for 37.6 percent of all those in Maryland.

Table 1
2013 Advanced Placement Exam Participation and Performance for Public School Students in MCPS,
the State of Maryland, and the Nation by Race/Ethnicity

		MCPS		N	Maryland <sup>a</sup>			Nation <sup>a</sup>	
	N AP Exams Taken in 2013	N AP Exams 3 or Higher	% AP Exams 3 or Higher	N AP Exams Taken in 2013	N AP Exams 3 or Higher	% AP Exams 3 or Higher	N AP Exams Taken in 2013	N AP Exams 3 or Higher	AP Exams 3 or Higher
All Students	33,642	24,563	73.0	108,038	65,278	60.4	3,355,934	1,913,723	57.0
AS	8,687	6,796	78.2	17,127	12,462	72.8	507,461	341,836	67.4
BL	3,297	1,551	47.0	17,583	5,461	31.1	244,017	68,896	28.2
HI	4,253	2,382	56.0	8,075	4,135	51.2	574,737	235,586	41.0
WH	15,745	12,537	79.6	59,306	39,892	67.3	1,854,735	1,176,063	63.4
MU	1,606	1,257	78.3	n/a	n/a	n/a	n/a	n/a	n/a

Note. AP = Advanced Placement; AS = Asian; BL = Black or African American; HI = Hispanic/Latino; WH = White; MU = Two or More Races. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. Results are not available (n/a) for students of Two or More Races in Maryland and the nation. Therefore, race/ethnicity comparison between MCPS and Maryland and the nation should be interpreted with caution.

"All Students" includes those who identified themselves as American Indian, multiracial, or students who did not report their race/ethnicity. AP exam results for Maryland and the nation are based on May 2013 exam data reported by the College Board. MCPS students of all races/ethnicities set records for the number of AP exams who earned scores of 3 or higher compared with their peers in the state and the nation. Particularly noteworthy was the percentage of AP exams taken by MCPS Black or African American students that achieved scores of 3 or higher (47.0%), which was 15.9 and 18.8 percentage points higher than those in the state (31.1%) and the nation (28.2%), respectively (Table 1). Overall, the number of AP exams taken by MCPS Black or African American students with scores of 3 or higher accounted for 28.4 percent of all those in Maryland in 2013.

Table 2
Percentage of Advanced Placement Exam Scores of 3 or Higher for Public School Students in MCPS, the State of Maryland, and the Nation by Race/Ethnicity and Advanced Placement Exam Year

		MCPS		N	Maryland			Nation <sup>a</sup>	
	2011	2012	2013	2011	2012	2013	2011	2012	2013
All Students	71.8	75.0	73.0	59.0	61.4	60.4	55.8	57.3	57.0
Asian	77.2	78.6	78.2	71.7	73.4	72.8	66.0	67.7	67.4
Black or African American	46.3	51.8	47.0	28.1	30.9	31.1	25.6	27.7	28.2
Hispanic/Latino	55.0	60.0	56.0	49.8	53.4	51.2	39.3	41.3	41.0
White	78.6	81.3	79.6	66.2	68.1	67.3	62.3	63.5	63.4
Two or More Races	74.9	77.3	78.3	n/a	n/a	n/a	n/a	n/a	n/a

*Note.* Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. Results are not available (n/a) for students of Two or More Races in Maryland and the nation. Therefore, race/ethnicity comparison between MCPS and Maryland and the nation should be interpreted with caution.

Spanning the three recent school years, there was a small increase in attaining AP exam scores of 3 or higher by MCPS students (71.8% to 73.0%), and public school students in the state of Maryland (59.0% to 60.4%) and the nation (55.8% to 57.0%) (Table 2). The same pattern of AP exam performance was seen for all racial/ethnic groups in the district, and across the state and the nation. A notable increase, 3.4 percentage points, was observed for MCPS students who identified themselves as Two or More Races.

Between 2012 and 2013, the percentage of AP exams taken by public school students in the district, the state, and the nation who earned a score of 3 or higher decreased 2.0, 1.0, and 0.3 percentage points, respectively (Table 2). A similar trend was found in regard to the AP exams taken by students of all racial/ethnic groups except MCPS students who identified themselves as Two or More Races (1 percentage point increase) and public school Black or African American students in Maryland (0.2 percentage point increase) and the nation (0.5 percentage point increase). The largest decrease, 4.8 percentage points, was observed for MCPS Black or African American students.

MCPS high schools continued to support AP exam participation and performance of minority students. Between 2012 and 2013, 14 out of the 25 high schools showed an increase in the number of AP exams taken by Black or African American students, and 18 out of the 25 high schools showed an increase in the number of AP exams taken by Hispanic/Latino students (Tables A2a and A2b). Eight out of the 25 high schools showed an increase in the percentage of AP exams taken by Black or African American students who earned scores of 3 or higher, and 9 out of the 25 high schools showed an increase in the percentage of AP exams taken by Hispanic/Latino students who earned

<sup>&</sup>lt;sup>a</sup> "All Students" includes those who identified themselves as American Indian, multiracial, or students who did not report their race/ethnicity. AP exam results for Maryland and the nation are based on May 2013 exam data reported by the College Board.

scores of 3 or higher. Three of the 25 high schools showed increases for both AP exam participation and performance for Black or African American students; of those, Wheaton High School showed the greatest improvement (8.5 percentage points) in these students earning AP exam scores of 3 or higher. Seven of the 25 high schools showed increases for both AP exam participation and performance for Hispanic/Latino students; out of seven schools, Col. Zadok Magruder High School showed the largest increase (12.7 percentage points) in these students attaining AP exam scores of 3 or higher.

In 2013, the 20 AP exams taken most frequently by students in MCPS were: U.S. Government and Politics, English Language and Composition, Psychology, World History, English Literature and Composition, U.S. History, Calculus AB, Statistics, Biology, Environmental Science, Calculus BC, Spanish Language, Chemistry, Macroeconomics, Microeconomics, Physics C: Mechanics, Human Geography, Computer Science A, Government and Politics: Comparative, and European History (Table B1).

Noteworthy gains were found in both the number of exams taken and the percentage of AP exam scores of 3 or higher in Chemistry, Macroeconomics, and Computer Science A for students overall and for at least four racial/ethnic groups from 2012 to 2013 (Table B2). There was an increase in the number of exams taken and the percentage of AP exam scores of 3 or higher in Chemistry, Physics C: Mechanics, Government and Politics: Comparative, and U.S. History for Black or African American students. An increase was evident for Hispanic/Latino students in the number of exams taken and the percentage of AP exam scores of 3 or higher in Biology, Chemistry, Macroeconomics, Psychology, and Computer Science A.

The positive trends in AP exam participation and performance provide evidence of MCPS' continuing efforts to ensure inclusive and challenging curricular opportunities for students of all races/ethnicities and to prepare all students for college-level work. The attached tables provide additional AP exam information for your review. Tables A1 through A6 provide data on exam taking and performance among groups of students enrolled in MCPS schools, and public school students in Maryland and the nation. Tables B1 through B22 provide 2013 AP data for student groups and high school participation and performance by subject.

If you have any questions about AP exam participation and performance data, please contact Dr. Kecia L. Addison, supervisor, Applied Research Unit, Office of Shared Accountability, at 301-279-3553.

GTS:sl

Attachment

Copy to:

Executive Staff Dr. Addison Mrs. Collins Ms. Dawson Mrs. Liu Dr. Steinberg Dr. Mugge

Approved:

Kimberly A. Statham, Deputy Superintendent of Teaching, Learning, and Programs

Table A1

Number of Advanced Placement Exams Taken and Number and Percentage of Advanced Placement Exam Scores of 3 or Higher for MCPS Students, and Public School Students in Maryland and the Nation by Race/Ethnicity and Advanced Placement Exam Year

			MCPS	_	Mary	land (Public Sch	nools) <sup>a</sup>	Nati	on (Public Scho	ols) <sup>a</sup>
		N	N	%	N	N	%	N	N	%
Student	AP Exam	AP Exams	AP Exams	AP Exams	AP Exams	AP Exams	AP Exams	AP Exams	AP Exams	AP Exams
Group	Year	Taken	3 or Higher	3 or Higher	Taken	3 or Higher	3 or Higher	Taken	3 or Higher	3 or Higher
	2011	31,734	22,793	71.8	97,182	57,362	59.0	2,946,909	1,645,802	55.8
All Students	2012	32,974	24,735	75.0	102,354	62,802	61.4	3,151,132	1,804,458	57.3
	2013	33,642	24,563	73.0	108,038	65,278	60.4	3,355,934	1,913,723	57.0
	2011	7,778	6,003	77.2	14,694	10,542	71.7	424,639	280,467	66.0
Asian	2012	8,356	6,568	78.6	15,673	11,509	73.4	457,597	309,747	67.7
	2013	8,687	6,796	78.2	17,127	12,462	72.8	507,461	341,836	67.4
Black or	2011	3,160	1,462	46.3	15,572	4,380	28.1	215,698	55,255	25.6
African	2012	3,106	1,610	51.8	15,717	4,862	30.9	223,991	62,039	27.7
American	2013	3,297	1,551	47.0	17,583	5,461	31.1	244,017	68,896	28.2
Hispanic/	2011	4,056	2,231	55.0	6,441	3,207	49.8	464,564	182,800	39.3
•	2012	4,016	2,409	60.0	6,764	3,613	53.4	504,047	208,250	41.3
Latino	2013	4,253	2,382	56.0	8,075	4,135	51.2	574,737	235,586	41.0
	2011	15,438	12,127	78.6	53,863	35,659	66.2	1,647,159	1,026,582	62.3
White	2012	15,963	12,972	81.3	56,108	38,209	68.1	1,737,117	1,102,332	63.5
	2013	15,745	12,537	79.6	59,306	39,892	67.3	1,854,735	1,176,063	63.4
Two or More	2011	1,237	927	74.9	n/a	n/a	n/a	n/a	n/a	n/a
Two or More	2012	1,477	1,142	77.3	n/a	n/a	n/a	n/a	n/a	n/a
Races	2013	1,606	1,257	78.3	n/a	n/a	n/a	n/a	n/a	n/a

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results for MCPS are reported for MCPS-verified students who received scores as of November of each reporting year. Results are not available (n/a) for students of Two or More Races in Maryland and the nation. Therefore, race/ethnicity comparison between MCPS and Maryland and the nation should be interpreted with caution.

<sup>&</sup>lt;sup>a</sup> "All Students" includes students who identified themselves as American Indian or multiracial and students who did not report their race/ethnicity. AP exam results for Maryland and the nation are based on May 2013 exam data reported by the College Board.

Table A2a
Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement
Exam Scores of 3 or Higher in 2012 and 2013 by High School and Race/Ethnicity

			All Stu	<u>idents</u>					As	<u>ian</u>				Black	or Afric	an Ame	rican	
	Λ	V	Λ	V	9/	ó	Λ	V	Λ	V	9,	ó	Λ	V	Λ	I	%	)
	AP E	xams	Exam	s 3 or	Exam	s 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or	AP E	xams	Exams	s 3 or	Exams	3 or
	Tal	ken	Hig	her	Hig	her	Tal	ken	Hig	her	Hig	her	Tak	ken	Hig	her	Higl	ner
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	32,974	33,642	24,735	24,563	75.0	73.0	8,356	8,687	6,568	6,796	78.6	78.2	3,106	3,297	1,610	1,551	51.8	47.0
Bethesda-Chevy Chase	1,688	1,598	1,325	1,205	78.5	75.4	107	101	71	69	66.4	68.3	139	146	80	76	57.6	52.1
Montgomery Blair	2,080	2,159	1,793	1,857	86.2	86.0	685	710	607	644	88.6	90.7	207	235	146	156	70.5	66.4
James Hubert Blake	981	1,032	668	665	68.1	64.4	182	178	120	122	65.9	68.5	196	227	113	104	57.7	45.8
Winston Churchill	2,728	2,589	2,419	2,299	88.7	88.8	768	778	681	704	88.7	90.5	96	86	66	60	68.8	69.8
Clarksburg	825	1,082	609	707	73.8	65.3	283	366	215	265	76.0	72.4	107	148	69	72	64.5	48.6
Damascus	1,004	992	652	696	64.9	70.2	72	67	46	51	63.9	76.1	55	45	23	26	41.8	57.8
Albert Einstein	843	933	515	552	61.1	59.2	105	105	61	59	58.1	56.2	121	141	49	56	40.5	39.7
Gaithersburg	710	746	378	390	53.2	52.3	128	122	64	64	50.0	52.5	121	122	62	56	51.2	45.9
Walter Johnson	2,385	2,419	2,035	2,075	85.3	85.8	408	463	334	398	81.9	86.0	85	91	55	58	64.7	63.7
John F. Kennedy	490	390	221	189	45.1	48.5	102	97	48	50	47.1	51.5	175	125	73	53	41.7	42.4
Col. Zadok Magruder	988	859	735	671	74.4	78.1	272	245	199	173	73.2	70.6	73	66	45	46	61.6	69.7
Richard Montgomery	2,073	2,123	1,749	1,739	84.4	81.9	805	903	701	778	87.1	86.2	132	119	92	60	69.7	50.4
Northwest	1,713	1,742	1,040	1,034	60.7	59.4	550	622	349	393	63.5	63.2	238	233	104	94	43.7	40.3
Northwood	574	574	322	309	56.1	53.8	48	49	19	28	39.6	57.1	99	92	45	38	45.5	41.3
Paint Branch	909	1,013	585	566	64.4	55.9	307	344	205	203	66.8	59.0	317	346	180	179	56.8	51.7
Poolesville	1,750	1,810	1,530	1,585	87.4	87.6	679	702	621	639	91.5	91.0	47	59	32	44	68.1	74.6
Quince Orchard	1,698	2,023	1,044	1,151	61.5	56.9	342	421	225	261	65.8	62.0	128	157	54	46	42.2	29.3
Rockville	727	769	428	427	58.9	55.5	127	115	71	67	55.9	58.3	68	75	34	33	50.0	44.0
Seneca Valley	473	462	223	179	47.1	38.7	84	95	46	51	54.8	53.7	98	78	39		39.8	25.6
Sherwood	1,700	1,722	1,298	1,218	76.4	70.7	258	264	195	171	75.6	64.8	108	122	63	77	58.3	63.1
Springbrook	681	785	338	298	49.6	38.0	223	216	114	97	51.1	44.9	195	275	71	77	36.4	28.0
Watkins Mill	397	435	177	197	44.6	45.3	72	79	35	47	48.6	59.5	91	91	20	22	22.0	24.2
Wheaton	603	576	240	250	39.8	43.4	87	83	39	39	44.8	47.0	130	148	39	57	30.0	38.5
Walt Whitman	2,182	2,166	1,946	1,973	89.2	91.1	325	322	290	298	89.2	92.5	23	23	16		69.6	69.6
Thomas S. Wootton	2,772	2,641	2,465	2,331	88.9	88.3	1,337	1,240	1,212	1,125	90.7	90.7	57	46	40	25	70.2	54.3

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of AP exams and the number of exams with scores of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 AP exams. For groups of between 10 and 20 AP exams, only the percentage rate will be reported.

Table A2b

Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement

Exam Scores of 3 or Higher in 2012 and 2013 by High School and Race/Ethnicity

			Hispanio	c/Latino					Wł	nite_				<u>T</u>	wo or M	ore Race	<u>S</u>	
	1	V	Λ	V	9/	ó	1	V	Λ	V	9/	ó	Λ	V	Λ	I	9/	6
	AP E	xams	Exam	s 3 or	Exam	s 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or
	Tal	ken	Hig	her	Hig	her	Tal	ken	Hig	her	Hig	her	Tak	cen	Hig	her	Hig	her
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	4,016	4,253	2,409	2,382	60.0	56.0	15,963	15,745	12,972	12,537	81.3	79.6	1,477	1,606	1,142	1,257	77.3	78.3
Bethesda-Chevy Chase	160	158	107	101	66.9	63.9	1,208	1,112	1,009	898	83.5	80.8	68	79	52	59	76.5	74.7
Montgomery Blair	223	222	166	157	74.4	70.7	846	853	770	765	91.0	89.7	117		102		87.2	≥95.0
James Hubert Blake	163	150	95	78	58.3	52.0	403	420	313	322	77.7	76.7	34	54	27	38	79.4	70.4
Winston Churchill	176	151	154	128	87.5	84.8	1,590	1,466	1,429	1,315	89.9	89.7	98	108	89	92	90.8	85.2
Clarksburg	79	132	52	74	65.8	56.1	327	397	256	276	78.3	69.5	29	37	17		58.6	48.6
Damascus	86	91	46	55	53.5	60.4	737	735	502	524	68.1	71.3	52	54	34	40	65.4	74.1
Albert Einstein	223	258	120	110	53.8	42.6	348	378	260	291	74.7	77.0	46	49	25	34	54.3	69.4
Gaithersburg	200	222	103	103	51.5	46.4	222	248	125	151	56.3	60.9	36	29	23		63.9	48.3
Walter Johnson	319	279	244	215	76.5	77.1	1,424	1,451	1,274	1,289	89.5	88.8	147	134	128	115	87.1	85.8
John F. Kennedy	135	113	57	57	42.2	50.4	60	46	37	26	61.7	56.5					33.3	
Col. Zadok Magruder	150	159	96	122	64.0	76.7	461	358	375	306	81.3	85.5	32	31	20	24	62.5	77.4
Richard Montgomery	205	226	153	156	74.6	69.0	810	753	696	642	85.9	85.3	114	119	104	100	91.2	84.0
Northwest	203	214	111	101	54.7	47.2	638	587	422	381	66.1	64.9	80	80	52	59	65.0	73.8
Northwood	168	195	72	87	42.9	44.6	239	214	177	146	74.1	68.2		23			43.8	43.5
Paint Branch	56	100	21	39	37.5	39.0	178	176	144	120	80.9	68.2	50	42	34	23	68.0	54.8
Poolesville	114	122	100	103	87.7	84.4	838	850	714	731	85.2	86.0	72	73	63	64	87.5	87.7
Quince Orchard	194	233	83	91	42.8	39.1	963	1,113	631	694	65.5	62.4	68	94	48	55	70.6	58.5
Rockville	161	187	75	80	46.6	42.8	342	357	233	225	68.1	63.0	29	35	15	22	51.7	62.9
Seneca Valley	83	100	29	25	34.9	25.0	186	167	101	75	54.3	44.9	21		8		38.1	40.0
Sherwood	123	145	82	80	66.7	55.2	1,137	1,120	903	831	79.4	74.2	66	63	49	52	74.2	82.5
Springbrook	100	131	46	34	46.0	26.0	142	132	94	77	66.2	58.3		30			65.0	40.0
Watkins Mill	112	141	46	59	41.1	41.8	100	109	62	59	62.0	54.1	22		14		63.6	66.7
Wheaton	309	244	123	88	39.8	36.1	68	82	35	53	51.5	64.6						68.4
Walt Whitman	166	169	140	147	84.3	87.0	1,576	1,545	1,416	1,412	89.8	91.4	92	107	84	100	91.3	93.5
Thomas S. Wootton	108	111	88	92	81.5	82.9	1,120	1,075	994	928	88.7	86.3	141		124		87.9	≥95.0

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of AP exams and the number of exams with scores of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 AP exams. For groups of between 10 and 20 AP exams, only the percentage rate will be reported.

Table A3a

Number of Students Who Took One or More Advanced Placement Exams and Number and Percentage of Test Takers Who Earned One or More Advanced Placement Exam Scores of 3 or Higher in 2012 and 2013 by High School and Race/Ethnicity

			All Stu				8		As						or Afric	can Ame	rican	
	Λ	I	N Score	ed 3 or	% Scor	ed 3 or	Λ	V	N Scor	ed 3 or	% Scor	ed 3 or	Λ	<i>I</i>	N Score	ed 3 or	% Scor	ed 3 or
	Took A	P Exam	Hig	her	Hig	her	Took A	P Exam	Hig	her	Hig	her	Took A	P Exam	Hig	her	Hig	her
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	16,797	17,009	12,888	12,599	76.7	74.1	3,723	3,801	2,966	3,021	79.7	79.5	1,907	2,060	1,041	1,010	54.6	49.0
Bethesda-Chevy Chase	847	867	701	687	82.8	79.2	49	58	41	42	83.7	72.4	80	84	49	49	61.3	58.3
Montgomery Blair	896	915	798	797	89.1	87.1	237	243	211	221	89.0	90.9	115	122	85	85	73.9	69.7
James Hubert Blake	496	542	360	365	72.6	67.3	78	76	55	59	70.5	77.6	110	145	66	67	60.0	46.2
Winston Churchill	1,192	1,133	1,088	1,026	91.3	90.6	308	311	282	285	91.6	91.6	53	44	42	31	79.2	70.5
Clarksburg	479	604	354	402	73.9	66.6	157	188	121	136	77.1	72.3	67	94	45	52	67.2	55.3
Damascus	535	495	378	363	70.7	73.3	36	30	25	24	69.4	80.0	28	25	14		50.0	56.0
Albert Einstein	463	501	324	340	70.0	67.9	50	54	35	35	70.0	64.8	69	82	31	43	44.9	52.4
Gaithersburg	431	453	268	265	62.2	58.5	71	76	38	42	53.5	55.3	75	79	43	40	57.3	50.6
Walter Johnson	1,151	1,148	1,009	1,006	87.7	87.6	184	190	150	172	81.5	90.5	47	57	32	37	68.1	64.9
John F. Kennedy	347	276	157	128	45.2	46.4	67	63	28	32	41.8	50.8	130	91	54	36	41.5	39.6
Col. Zadok Magruder	539	487	411	399	76.3	81.9	137	130	102	101	74.5	77.7	50	41	32	30	64.0	73.2
Richard Montgomery	949	987	829	843	87.4	85.4	351	369	312	334	88.9	90.5	62	77	47	42	75.8	54.5
Northwest	836	842	551	536	65.9	63.7	236	270	172	179	72.9	66.3	134	123	66	61	49.3	49.6
Northwood	376	363	219	201	58.2	55.4	34	29	14		41.2	58.6	77	68	38	25	49.4	36.8
Paint Branch	503	541	331	308	65.8	56.9	153	157	100	96	65.4	61.1	194	205	125	106	64.4	51.7
Poolesville	673	694	586	595	87.1	85.7	214	208	204	196	95.3	94.2	22	25	14		63.6	76.0
Quince Orchard	828	935	577	579	69.7	61.9	157	155	121	114	77.1	73.5	66	88	29	32	43.9	36.4
Rockville	417	402	287	255	68.8	63.4	65	57	47	35	72.3	61.4	43	43	22	22	51.2	51.2
Seneca Valley	330	324	168	122	50.9	37.7	55	55	36	30	65.5	54.5	76	66	33		43.4	28.8
Sherwood	836	838	698	665	83.5	79.4	114	132	91	100	79.8	75.8	56	71	43	51	76.8	71.8
Springbrook	464	511	222	198	47.8	38.7	143	131	75	63	52.4	48.1	139	198	50	57	36.0	28.8
Watkins Mill	309	348	148	163	47.9	46.8	58	65	29	37	50.0	56.9	75	84	18	21	24.0	25.0
Wheaton	398	375	180	176	45.2	46.9	52	49	24	24	46.2	49.0	88	102	30	45	34.1	44.1
Walt Whitman	1,152	1,099	1,056	1,015	91.7	92.4	150	137	139	128	92.7	93.4					66.7	80.0
Thomas S. Wootton	1,350	1,327	1,188	1,165	88.0	87.8	567	568	514	519	90.7	91.4	36	30	23		63.9	46.7

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table A3b

Number of Students Who Took One or More Advanced Placement Exams and Number and Percentage of Test Takers Who Earned One or More Advanced Placement Exam Scores of 3 or Higher in 2012 and 2013 by High School and Race/Ethnicity

			Hispanio	:/Latino					Wł	nite_				<u>T</u>	wo or M	ore Race	<u>s</u>	
	Λ	V	N Score	ed 3 or	% Scor	ed 3 or	Λ		N Scor	ed 3 or	% Scor	ed 3 or	Λ	I	N Score	ed 3 or	% Scor	ed 3 or
	Took A		Hig		Hig		Took A	P Exam	Hig	,	Hig		Took Al	P Exam	Hig		Hig	
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	2,357	2,480	1,529	1,512	64.9	61.0	8,045	7,867	6,764	6,423	84.1	81.6	738	771	572	612	77.5	79.4
Bethesda-Chevy Chase	95	87	67	61	70.5	70.1	585	590	511	500	87.4	84.7	37	47	32	34	86.5	72.3
Montgomery Blair	124	119	103	94	83.1	79.0	374	377	358	344	95.7	91.2	45		40		88.9	≥95.0
James Hubert Blake	92	91	59	57	64.1	62.6	198	202	166	164	83.8	81.2		26			82.4	65.4
Winston Churchill	72	82	66	75	91.7	91.5	720	651	662	594	91.9	91.2	39	45	36	41	92.3	91.1
Clarksburg	51	80	37	46	72.5	57.5	187	221	141	156	75.4	70.6					58.8	55.0
Damascus	46	50	27	37	58.7	74.0	396	365	293	270	74.0	74.0	28	25	18		64.3	72.0
Albert Einstein	126	144	84	79	66.7	54.9	194	197	159	164	82.0	83.2	24	23	15		62.5	78.3
Gaithersburg	125	144	79	83	63.2	57.6	139	135	93	88	66.9	65.2					73.7	58.8
Walter Johnson	166	143	136	106	81.9	74.1	689	700	634	641	92.0	91.6	64	57	57	50	89.1	87.7
John F. Kennedy	99	80	45	39	45.5	48.8	39	35	28		71.8	54.3					16.7	
Col. Zadok Magruder	95	100	70	86	73.7	86.0	235	200	192	168	81.7	84.0	22		15		68.2	87.5
Richard Montgomery	105	121	86	94	81.9	77.7	371	363	328	319	88.4	87.9		56		53	≥95.0	94.6
Northwest	109	118	68	67	62.4	56.8	316	295	216	201	68.4	68.1	39	34	28	26	71.8	76.5
Northwood	123	133	59	65	48.0	48.9	128	117	102	88	79.7	75.2					41.7	40.0
Paint Branch	39	62	18	28	46.2	45.2	91	89	72	63	79.1	70.8	25	24	15		60.0	54.2
Poolesville	43	50	37	40	86.0	80.0	369	380	311	313	84.3	82.4	25	29	20	25	80.0	86.2
Quince Orchard	107	126	56	56	52.3	44.4	464	522	346	350	74.6	67.0	32	43	23	26	71.9	60.5
Rockville	96	104	57	57	59.4	54.8	196	181	153	129	78.1	71.3					47.1	70.6
Seneca Valley	56	72	20		35.7	27.8	124	112	71	45	57.3	40.2					44.4	47.1
Sherwood	63	73	50	47	79.4	64.4	566	530	486	435	85.9	82.1	33		25		75.8	≥95.0
Springbrook	75	84	32	25	42.7	29.8	93	80	58	45	62.4	56.3					53.8	41.2
Watkins Mill	86	108	42	53	48.8	49.1	73	80	46	44	63.0	55.0					76.5	72.7
Wheaton	207	164	99	68	47.8	41.5	43	48	23	30	53.5	62.5						75.0
Walt Whitman	93	78	80	72	86.0	92.3	843	809	779	748	92.4	92.5	51	60	48	55	94.1	91.7
Thomas S. Wootton	64	67	52	57	81.3	85.1	612	587	536	505	87.6	86.0	67	73	60	69	89.6	94.5

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table A4a
Number of Students Who Took One or More Advanced Placement Exams and Number and Percentage of Test Takers
Who Earned One or More Advanced Placement Exam Scores of 3 or Higher in 2012 and 2013 by High School and Gender

			Ma	ale					<u>Fen</u>	<u>nale</u>		,
	1	V	Ν	V	9/	o	1	V	Ν	I	9/	6
	Took A	P Exam	Scored 3	or Higher	Scored 3	or Higher	Took A	P Exam	Scored 3	or Higher	Scored 3	or Higher
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	7,785	7,907	6,085	5,966	78.2	75.5	9,012	9,102	6,803	6,633	75.5	72.9
Bethesda-Chevy Chase	400	423	327	334	81.8	79.0	447	444	374	353	83.7	79.5
Montgomery Blair	445	461	394	402	88.5	87.2	451	454	404	395	89.6	87.0
James Hubert Blake	187	224	129	151	69.0	67.4	309	318	231	214	74.8	67.3
Winston Churchill	601	562	555	509	92.3	90.6	591	571	533	517	90.2	90.5
Clarksburg	185	260	147	188	79.5	72.3	294	344	207	214	70.4	62.2
Damascus	221	219	155	167	70.1	76.3	314	276	223	196	71.0	71.0
Albert Einstein	190	201	141	140	74.2	69.7	273	300	183	200	67.0	66.7
Gaithersburg	189	201	122	133	64.6	66.2	242	252	146	132	60.3	52.4
Walter Johnson	583	564	507	492	87.0	87.2	568	584	502	514	88.4	88.0
John F. Kennedy	130	101	60	44	46.2	43.6	217	175	97	84	44.7	48.0
Col. Zadok Magruder	258	212	202	175	78.3	82.5	281	275	209	224	74.4	81.5
Richard Montgomery	402	435	354	362	88.1	83.2	547	552	475	481	86.8	87.1
Northwest	380	373	259	232	68.2	62.2	456	469	292	304	64.0	64.8
Northwood	155	156	98	88	63.2	56.4	221	207	121	113	54.8	54.6
Paint Branch	199	217	140	136	70.4	62.7	304	324	191	172	62.8	53.1
Poolesville	308	339	273	290	88.6	85.5	365	355	313	305	85.8	85.9
Quince Orchard	414	444	293	272	70.8	61.3	414	491	284	307	68.6	62.5
Rockville	201	178	142	113	70.6	63.5	216	224	145	142	67.1	63.4
Seneca Valley	148	136	76	57	51.4	41.9	182	188	92	65	50.5	34.6
Sherwood	379	369	321	304	84.7	82.4	457	469	377	361	82.5	77.0
Springbrook	222	270	117	118	52.7	43.7	242	241	105	80	43.4	33.2
Watkins Mill	151	156	70	80	46.4	51.3	158	192	78	83	49.4	43.2
Wheaton	213	198	92	89	43.2	44.9	185	177	88	87	47.6	49.2
Walt Whitman	553	552	516	514	93.3	93.1	599	547	540	501	90.2	91.6
Thomas S. Wootton	671	655	595	576	88.7	87.9	679	672	593	589	87.3	87.6

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of November 2013.

Table A4b

Number of Students Who Took One or More Advanced Placement Exams and Number and Percentage of Test Takers

Who Earned One or More Advanced Placement Exam Scores of 3 or Higher in 2012 and 2013 by High School and Service Group

	<u>FARMS</u>							S	special E	ducation	1				ESC	<u>)L</u>		
	Λ		N Score	ed 3 or	% Scor		N		N Score		% Scor	ed 3 or	N		N Score	ed 3 or	% Score	ed 3 or
	Took A		Hig		Hig		Took AI		Hig		Hig		Took AI		Higl		Hig	
MCPS High School	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013
All	2,093	2,219	1,099	1,145	52.5	51.6	414	409	275	256	66.4	62.6	225	175	172	129	76.4	73.7
Bethesda-Chevy Chase	43	40	22		51.2	42.5	27	32	18	23	66.7	71.9						
Montgomery Blair	148	146	113	107	76.4	73.3					78.9	77.8					60.0	
James Hubert Blake	84	95	41	43	48.8	45.3												
Winston Churchill					73.7	72.2	54	34	46	26	85.2	76.5						
Clarksburg	48	77	25	41	52.1	53.2												
Damascus	31	29	15		48.4	65.5					83.3	42.9						
Albert Einstein	108	140	64	81	59.3	57.9						58.3					78.6	80.0
Gaithersburg	127	129	75	77	59.1	59.7							24	30	20		83.3	50.0
Walter Johnson	50	47	32	36	64.0	76.6	44	56	37	46	84.1	82.1	23		18		78.3	
John F. Kennedy	127	93	49	36	38.6	38.7												
Col. Zadok Magruder	79	84	53	71	67.1	84.5						!					80.0	
Richard Montgomery	70	95	47	64	67.1	67.4						81.8						
Northwest	108	128	47	71	43.5	55.5	22	23	9		40.9	52.2						
Northwood	118	122	58	53	49.2	43.4		21			71.4	61.9					73.3	85.7
Paint Branch	110	107	67	46	60.9	43.0												
Poolesville		21			88.2	76.2					88.2	93.3						
Quince Orchard	91	125	41	52	45.1	41.6	24	32	7		29.2	28.1						
Rockville	92	89	48	45	52.2	50.6					50.0	36.4						
Seneca Valley	65	72	28	23	43.1	31.9												
Sherwood	45	45	36	26	80.0	57.8					58.3	27.3						80.0
Springbrook	124	158	36	47	29.0	29.7						45.5						
Watkins Mill	108	129	40	50	37.0	38.8											72.7	75.0
Wheaton	236	186	99	78	41.9	41.9					35.7		35	30	21	21	60.0	70.0
Walt Whitman					80.0		46	44	38	34	82.6	77.3	23		19		82.6	84.6
Thomas S. Wootton	35	38	26	28	74.3	73.7	26		13		50.0	35.3						

Note. AP = Advanced Placement. FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table A5
Number and Percentage of MCPS Students Who Took Advanced Placement Exams by Number of Advanced Placement Exams Taken,
Race/Ethnicity and Advanced Placement Exam Year

							AP Ex	am(s)				
							N					%
	AP	N		N	N	N	Took	%	%	%	%	Took
	Exam	Took Any AP	N	Took	Took	Took	Five or	Took	Took	Took	Took	Five or
Student Group	Year	Exams	Took One	Two	Three	Four	More	One	Two	Three	Four	More
	2011	16,251	7,950	3,815	2,607	1,304		48.9	23.5	16.0	8.0	≤5.0
All	2012	16,797	8,066	3,948	2,835	1,388		48.0	23.5	16.9	8.3	≤5.0
	2013	17,009	8,221	3,867	2,866	1,422		48.3	22.7	16.8	8.4	≤5.0
	2011	3,409	1,397	735	605	406	268	41.0	21.6	17.7	11.9	7.9
Asian	2012	3,723	1,543	774	684	478	244	41.4	20.8	18.4	12.8	6.6
	2013	3,801	1,572	771	684	474	300	41.4	20.3	18.0	12.5	7.9
Black or African	2011	1,924	1,140	466	207			59.3	24.2	10.8	≤5.0	≤5.0
	2012	1,907	1,122	469	235			58.8	24.6	12.3	≤5.0	≤5.0
American	2013	2,060	1,274	446	247			61.8	21.7	12.0	≤5.0	≤5.0
	2011	2,355	1,325	569	302		-	56.3	24.2	12.8	≤5.0	≤5.0
Hispanic/Latino	2012	2,357	1,352	547	310			57.4	23.2	13.2	≤5.0	≤5.0
	2013	2,480	1,394	595	336			56.2	24.0	13.5	≤5.0	≤5.0
	2011	7,880	3,730	1,896	1,394	633	-	47.3	24.1	17.7	8.0	≤5.0
White	2012	8,045	3,693	1,964	1,493	664		45.9	24.4	18.6	8.3	≤5.0
	2013	7,867	3,618	1,880	1,446	672		46.0	23.9	18.4	8.5	≤5.0
Two or More	2011	648	339	141	96	50	-	52.3	21.8	14.8	7.7	≤5.0
	2012	738	346	184	108	71		46.9	24.9	14.6	9.6	≤5.0
Races	2013	771	348	166	149	76		45.1	21.5	19.3	9.9	≤5.0

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table A6
Number and Percentage of MCPS Students Who Took Advanced Placement Exams in 2013 by
Number of Advanced Placement Exams Taken by High School

-			inioci oi riu			AP Ex		-			
	N	N	N	N	N	N	%	%	%	%	%
	Took Any	Took	Took	Took	Took	Took Five	Took	Took	Took	Took	Took Five
MCPS High School	AP Exams	One	Two	Three	Four	or More	One	Two	Three	Four	or More
All	17,009	8,221	3,867	2,866	1,422		48.3	22.7	16.8	8.4	≤5.0
Bethesda-Chevy Chase	867	478	175	116	74		55.1	20.2	13.4	8.5	≤5.0
Montgomery Blair	915	317	239	185	101	73	34.6	26.1	20.2	11.0	8.0
James Hubert Blake	542	271	116	100	48		50.0	21.4	18.5	8.9	
Winston Churchill	1,133	422	284	213	136	78	37.2	25.1	18.8	12.0	6.9
Clarksburg	604	332	120	106	38		55.0	19.9	17.5	6.3	
Damascus	495	197	158	93	39		39.8	31.9	18.8	7.9	
Albert Einstein	501	257	105	94	42		51.3	21.0	18.8	8.4	
Gaithersburg	453	254	127	54			56.1	28.0	11.9	≤5.0	
Walter Johnson	1,148	489	275	222	112		42.6	24.0	19.3	9.8	≤5.0
John F. Kennedy	276	191	58	25			69.2	21.0	9.1		
Col. Zadok Magruder	487	244	136	88			50.1	27.9	18.1	≤5.0	
Richard Montgomery	987	457	198	168	96	68	46.3	20.1	17.0	9.7	6.9
Northwest	842	349	212	174	92		41.4	25.2	20.7	10.9	≤5.0
Northwood	363	214	97	44			59.0	26.7	12.1		
Paint Branch	541	293	104	83	45		54.2	19.2	15.3	8.3	≤5.0
Poolesville	694	225	144	130	106	89	32.4	20.7	18.7	15.3	12.8
Quince Orchard	935	400	197	181	113		42.8	21.1	19.4	12.1	≤5.0
Rockville	402	204	93	57	34		50.7	23.1	14.2	8.5	≤5.0
Seneca Valley	324	224	71	21			69.1	21.9	6.5		
Sherwood	838	390	168	170	75		46.5	20.0	20.3	8.9	≤5.0
Springbrook	511	317	130	49			62.0	25.4	9.6	≤5.0	
Watkins Mill	348	286	43				82.2	12.4	≤5.0		
Wheaton	375	248	71	41			66.1	18.9	10.9	≤5.0	
Walt Whitman	1,099	533	228	216	90		48.5	20.7	19.7	8.2	≤5.0
Thomas S. Wootton	1,327	627	318	221	105		47.2	24.0	16.7	7.9	≤5.0

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of November 2013. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq 95.0$  or  $\leq 5.0$ , respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table B1 2013 Advanced Placement Exam Results for MCPS, Maryland, and the Nation:

Number of Exams Taken and Percentage of Exam Scores of 1, 2, 3, 4, and 5 for the 20 Most Frequently Taken Advanced Placement Exams by Subject Area **MCPS** Marvland<sup>a</sup> Nation<sup>a</sup> % of Exam Scores 1, 2, 3, 4, or 5 % of Exam Scores 1, 2, 3, 4 or 5 % of Exam Scores 1, 2, 3, 4, or 5 Ν N Ν AP Exam by Subject Area Exams Exams Exams 5 English English Language & Composition 3,781 8.5 25.3 28.7 22.0 15.4 13,413 14.3 29.5 28.6 16.8 10.8 419,811 16.3 31.0 28.3 15.2 9.2 English Literature & Composition 25.8 31.9 325,519 33.4 2.767 < 5.0 31.0 24.4 14.6 10.073 12.6 29.3 17.8 8.3 11.5 31.0 17.4 6.7 **Mathematics** Calculus AB 10.4 22.7 1.668 14.9 17.8 25.1 31.9 6.453 24.3 10.5 17.7 19.9 27.5 229,428 30.7 11.4 17.4 17.8 Calculus BC < 5.0 15.3 56.3 80.850 14.2 5.9 18.6 1.176 6.4 17.9 3.718 13.9 5.1 17.7 17.1 46.2 16.7 44.6 Statistics 1,567 16.2 13.3 23.6 25.8 21.1 5,540 23.0 18.9 23.5 21.3 13.3 145,804 24.1 18.9 24.8 19.9 12.3 Science Biology 1.502 18.5 32.5 9.7 4.970 27.1 34.9 22.4 5.9 169,747 8.0 30.3 20.7 5.2 < 5.0 36.6 9.6 35.8 Chemistry 910 7.5 7.8 14.6 26.0 44.1 3.031 23.9 13.2 17.4 21.3 24.2 112,523 27.9 15.4 18.8 20.7 17.2 **Environmental Science** 20.6 22.1 17.2 28.0 12.1 4.241 25.1 23.2 8.3 104.821 27.4 25.4 22.8 7.8 1.327 26.5 17.1 16.6 Physics C: Mechanics 547 21.8 25.2 30.7 1.404 21.2 24.6 27.4 32,741 11.8 14.9 20.9 7.5 14.8 10.8 16.0 26.1 26.3 Social Studies Microeconomics 594 7.1 9.8 15.8 34.8 32.5 1.901 13.7 13.5 31.0 22.6 50,092 19.7 15.7 20.5 28.3 15.8 19.2 Macroeconomics 667 11.2 13.0 15.1 27.7 32.8 1,751 15.6 16.6 18.3 28.2 21.3 88,874 28.4 19.7 16.9 22.3 12.8 Government & Politics: Comp. 23.2 512 14.6 27.7 34.6 757 24.2 30.4 16,301 20.9 17.9 7.0 16.0 11.8 17.4 16.2 18.6 19.4 U.S. Government & Politics 24.6 4.088 8.2 19.7 28.8 19.9 23.4 8,906 17.9 21.7 26.1 16.8 17.6 225,616 24.9 25.8 13.8 10.9 European History 90,945 420 15.5 9.0 35.0 25.7 14.8 1,080 17.2 9.1 31.8 25.7 16.2 26.9 11.4 34.5 17.7 9.4 U.S. History 1,685 21.1 21.1 27.6 21.1 7,619 18.7 29.4 21.9 19.9 10.2 383,640 20.6 27.8 21.4 20.5 9.0 9.6 World History 3.049 24.7 34.6 21.8 11.4 9.979 16.2 28.3 31.9 15.9 7.7 209,928 21.9 30.8 28.9 13.0 5.4 7.4 Human Geography 539 10.6 22.6 29.1 26.2 2,678 27.7 17.1 21.2 20.7 107,448 29.1 18.9 20.7 19.8 11.5 13.3 11.5 Psychology 3.464 17.0 10.2 17.1 27.5 28.2 11.009 23.9 13.2 18.8 24.6 19.4 211,628 20.3 13.2 19.6 26.3 20.7 Technology Computer Science A 52.1 13.1 < 5.096 27.8 46.4 1 453 28.1 6.1 12.7 26.1 26.9 25.357 26.6 7 2 14.0 26.4 25.8 Foreign Language

2,207 Note. AP = Advanced Placement. Sum of percentages calculated from unrounded values may vary by ±0.1 points from rounded percentages. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq$ 95.0 or  $\leq$ 5.0, respectively.

18.7

17.8

19.6

21.0

28.5

1.061

19.9

Spanish Language

<sup>&</sup>lt;sup>a</sup> AP exam results for Maryland and the nation are based on May 2013 exam data reported by the College Board.

Table B2

Advanced Placement Exam Results for MCPS: Number of Exams Taken and Number and Percentage of Exam Scores of 3 or Higher for the 20 Most Frequently Taken Advanced Placement Exams by Subject Area, Year, and Race/Ethnicity

			riec	uentry	raken <i>F</i>	Tuvance	d Place	ment E	xams by	/ Subjec	n Area,	rear, a	mu Kac	e/Etnnic	ity				
								Bla	ck or Afr	ican									
			All			Asian			Americar	ı	His	panic/La	tino		White		Two	or More	Races
			N	%		N	%		N	%		N	%		N	%		N	%
		N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP
AD E 1		AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams
AP Exam by	3.7	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or
Subject Area	Year	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher
English	****															-0.4			
English Language	2011	3,719	2,598	69.9	768	593	77.2	466	213	45.7	460	219	47.6	1,871	1,466	78.4	143	100	69.9
& Composition	2012	3,634	2,678	73.7	809	631	78.0	408	203	49.8	405	208	51.4	1,811	1,487	82.1	192	143	74.5
ec composition	2013	3,781	2,502	66.2	852	617	72.4	438	173	39.5	486	201	41.4	1,830	1,381	75.5	170	126	74.1
English Literature	2011	2,651	1,818	68.6	545	408	74.9	337	140	41.5	318	143	45.0	1,349	1,052	78.0	97	71	73.2
& Composition	2012	2,796	1,958	70.0	618	459	74.3	314	127	40.4	315	151	47.9	1,427	1,123	78.7	117	94	80.3
& Composition	2013	2,767	1,939	70.1	635	481	75.7	310	146	47.1	290	130	44.8	1,365	1,063	77.9	160	113	70.6
Mathematics																			
	2011	1,445	1,077	74.5	374	275	73.5	112	54	48.2	141	69	48.9	761	628	82.5	52	47	90.4
Calculus AB	2012	1,695	1,333	78.6	433	342	79.0	142	77	54.2	164	105	64.0	876	740	84.5	79	69	87.3
	2013	1,668	1,247	74.8	438	329	75.1	140	68	48.6	181	100	55.2	827	684	82.7	79	64	81.0
	2011	1,101	945	85.8	469	408	87.0	69	47	68.1	59	44	74.6	465	410	88.2	38	35	92.1
Calculus BC	2012	1,078	986	91.5	457	418	91.5	53	41	77.4	61	51	83.6	452	424	93.8	54	51	94.4
	2013	1,176	1,053	89.5	510	463	90.8	44	31	70.5	68	51	75.0	489	448	91.6	63	58	92.1
	2011	1,219	909	74.6	389	314	80.7	93	39	41.9	97	42	43.3	595	478	80.3	45	36	80.0
Statistics	2012	1,389	985	70.9	430	350	81.4	124	37	29.8	122	50	41.0	659	505	76.6	51	40	78.4
	2013	1,567	1,105	70.5	487	384	78.9	121	41	33.9	143	58	40.6	742	561	75.6	72	59	81.9
Science		9	,																
	2011	1,364	944	69.2	510	388	76.1	157	66	42.0	146	71	48.6	508	383	75.4	40	34	85.0
Biology	2012	1,547	1,083	70.0	549	412	75.0	164	73	44.5	138	66	47.8	621	481	77.5	71	48	67.6
210108)	2013	1,502	1,183	78.8	533	434	81.4	155	85	54.8	144	91	63.2	603	516	85.6	65	56	86.2
	2011	858	672	78.3	353	298	84.4	76	38	50.0	55	30	54.5	337	274	81.3	35	31	88.6
Chemistry	2012	841	687	81.7	350	298	85.1	60	33	55.0	57	31	54.4	340	298	87.6	33	27	81.8
enemous	2013	910	771	84.7	417	360	86.3	69	41	59.4	61	44	72.1	320	287	89.7	42	38	90.5
	2011	1,252	704	56.2	201	124	61.7	109	22	20.2	141	41	29.1	744	479	64.4	55	36	65.5
Environmental	2011	1,321	821	62.1	225	141	62.7	110	37	33.6	147	66	44.9	787	545	69.3	49	31	63.3
Science	2012	1,327	760	57.3	245	150	61.2	113	25	22.1	156	56	35.9	745	486	65.2	66	42	63.6
	2013	458	359	78.4	169	137	81.1	23	13	56.5	28	17	60.7	221	178	80.5			87.5
Physics C:	2011	500	339 379	75.4 75.8	207	160	77.3	32	13	43.8	28	13	61.9	211	168	79.6	26	23	87.3 88.5
Mechanics	2012	547	425	73.8 77.7	186	154	82.8	33		45.8	27		55.6	272	216	79.6 79.4	29	25 25	
	2013	34/	423	//./	100	134	84.8	33		43.3	21		33.0	212	∠10	/9.4	29	23	86.2

Continued

Table B2

Advanced Placement Exam Results for MCPS: Number of Exams Taken and Number and Percentage of Exam Scores of 3 or Higher for the 20 Most Frequently Taken Advanced Placement Exams by Subject Area, Year, and Race/Ethnicity

	Frequently Taken Advanced Placement Exams by Su																		
								Bla	ck or Afr	ican									
			All			Asian			Americar	1	His	panic/La	tino		White		Two	or More	Races
			N	%		N	%		N	%		N	%		N	%		N	%
		N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP
		AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams
AP Exam by		Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or
Subject Area	Year	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher
Social Studies																			
	2011	498	407	81.7	179	149	83.2			58.8	33	23	69.7	246	203	82.5			≥95.0
Microeconomics	2012	531	439	82.7	194	165	85.1			66.7	43	29	67.4	257	218	84.8			78.9
	2013	594	494	83.2	227	200	88.1			50.0	53	31	58.5	269	230	85.5	27	24	88.9
	2011	539	408	75.7	185	143	77.3			58.8	35	21	60.0	279	214	76.7	21	18	85.7
Macroeconomics	2012	544	403	74.1	206	159	77.2			57.9	45	25	55.6	256	196	76.6			66.7
	2013	667	505	75.7	256	206	80.5	32		40.6	56	32	57.1	293	229	78.2	30	25	83.3
Government &	2011	403	316	78.4	78	60	76.9	28	14	50.0	28	21	75.0	251	209	83.3			66.7
	2012	382	327	85.6	68	56	82.4			63.6	29	26	89.7	256	224	87.5			76.5
Politics: Comp.	2013	512	401	78.3	75	61	81.3	35	26	74.3	39	24	61.5	345	277	80.3			72.2
II.C. C	2011	4,122	2,972	72.1	941	685	72.8	419	202	48.2	454	246	54.2	2,078	1,682	80.9	224	154	68.8
U.S. Government	2012	4,234	3,218	76.0	1,050	781	74.4	417	235	56.4	449	261	58.1	2,118	1,786	84.3	195	153	78.5
& Politics	2013	4,088	2,949	72.1	1,020	759	74.4	481	246	51.1	440	232	52.7	1,967	1,572	79.9	170	131	77.1
_	2011	498	425	85.3	94	86	91.5			78.6	53	36	67.9	317	274	86.4			90.0
European	2012	477	388	81.3	93	79	84.9	29	16	55.2	40	27	67.5	293	247	84.3			90.0
History	2013	420	317	75.5	88	71	80.7	28		53.6	50	25	50.0	238	192	80.7			87.5
	2011	1,226	820	66.9	280	206	73.6	145	63	43.4	136	54	39.7	613	458	74.7	50	37	74.0
U.S. History	2012	1,379	958	69.5	369	281	76.2	167	70	41.9	160	81	50.6	614	475	77.4	67	50	74.6
	2013	1,685	1,177	69.9	380	292	76.8	233	102	43.8	161	81	50.3	816	628	77.0	92	73	79.3
	2011	3,097	2,096	67.7	698	517	74.1	369	173	46.9	393	187	47.6	1,501	1,124	74.9	129	92	71.3
World History	2012	2,979	2,252	75.6	656	514	78.4	370	210	56.8	337	192	57.0	1,449	1,206	83.2	163	128	78.5
World History	2013	3,049	2,071	67.9	729	537	73.7	395	167	42.3	417	191	45.8	1,380	1,082	78.4	124	92	74.2
	2011	523	353	67.5	85	62	72.9	51	18	35.3	69	44	63.8	306	222	72.5	121		54.5
Human	2012	686	537	78.3	131	105	80.2	67	39	58.2	72	44	61.1	396	334	84.3			75.0
Geography	2012	539	420	77.9	97	74	76.3	36		55.6	69	40	58.0	312	264	84.6	25	22	88.0
	2013	3,447	2,445	70.9	701	536	76.5	424	188	44.3	463	236	51.0	1,733	1,397	80.6	117	82	70.1
Develology	2011	3,514	2,443	73.4	695	537	77.3	393	228	58.0	463	240	51.8	1,804	1,397	81.0	152	110	70.1
Psychology	2012	3,464	2,521	72.8	687	531	77.3	412	200	48.5	499	260	52.1	1,676	1,385	82.6	182	141	77.5
	2013	3,404	2,321	12.8	08/	331	11.3	412	200	46.3	499	200	32.1	1,0/0	1,303	82.0	102	141	11.3

Continued

## Attachment

Table B2

Advanced Placement Exam Results for MCPS: Number of Exams Taken and Number and Percentage of Exam Scores of 3 or Higher for the 20 Most Frequently Taken Advanced Placement Exams by Subject Area. Year, and Race/Ethnicity

			1100	ucitiy	1 arch 1	ia varioc	a i iucc	ment L	Aums O	y Buojec	n mou,	r car, a	ina itac	C/ L/tillin	Jity				
								Bla	ck or Afr	ican									
			All			Asian			Americar	1	His	panic/La	tino		White		Two	or More	Races
			N	%		N	%		N	%		N	%		N	%		N	%
		N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP	N	AP	AP
		AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams	AP	Exams	Exams
AP Exam by		Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or	Exams	3 or	3 or
Subject Area	Year	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher	Taken	Higher	Higher
Technology																			
Commutan	2011	372	287	77.2	166	136	81.9	28	16	57.1	31	16	51.6	129	105	81.4			82.4
Computer Science A	2012	504	379	75.2	214	180	84.1	38	18	47.4	37	21	56.8	192	146	76.0	23	14	60.9
Science A	2013	521	437	83.9	217	190	87.6	31		45.2	38	23	60.5	200	175	87.5			≥95.0
Foreign Languag	e																		
	2011	1,132	851	75.2	129	86	66.7	39	15	38.5	618	485	78.5	320	248	77.5	25	16	64.0
Spanish	2012	1,044	838	80.3	107	81	75.7	41	24	58.5	605	512	84.6	263	203	77.2	27	17	63.0
Language	2013	1,061	826	77.9	128	90	70.3	42		38.1	590	487	82.5	258	205	79.5	42	27	64.3

Note. AP = Advanced Placement. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of November 2013. Sum of percentages calculated from unrounded values may vary by  $\pm 0.1$  points from rounded percentages. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as  $\geq 95.0$  or  $\leq 5.0$ , respectively, and the number of AP exams and the number of exams with scores of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 AP exams. For groups of between 10 and 20 AP exams, only the percentage rate will be reported.

Table B3
2013 MCPS Advanced Placement English Language and Composition:
Number of Exams Taken: Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

% Exam Mean % Exam Scores of 1, 2, 3, 4, or 5 Scores 3 or Exam N Exams % Score 1 % Score 2 % Score 3 % Score 4 % Score 5 MCPS High School Taken Higher Score All 3,781 8.5 25.3 28.7 22.0 15.4 66.2 3.1 Bethesda-Chevy Chase 134 8.2 20.9 29.1 22.4 19.4 70.9 3.2 Montgomery Blair 222 9.5 4.0 < 5.0 22.5 31.1 36.9 90.5 James Hubert Blake 110 ≤5.0 20.9 38.2 28.2 10.0 76.4 3.2 Winston Churchill 243 ≤5.0 14.8 28.4 37.4 18.1 84.0 3.6 Clarksburg 134 ≤5.0 32.1 32.8 18.7 11.9 63.4 3.0 179 8.4 30.7 36.9 18.4 5.6 60.9 2.8 Damascus Albert Einstein 123 14.6 39.0 24.4 14.6 7.3 46.3 2.6 Gaithersburg 110 12.7 47.3 26.4 10.0 ≤5.0 40.0 2.4 Walter Johnson 242 ≤5.0 15.7 29.8 27.7 24.8 82.2 3.6 John F. Kennedy 45 13.3 33.3 35.6 17.8 ≤5.0 53.3 2.6 125 5.6 Col. Zadok Magruder ≤5.0 22.4 42.4 25.6 73.6 3.1 Richard Montgomery 190 7.9 26.3 31.1 17.9 16.8 65.8 3.1 32.3 19.8 3.0 Northwest 232 ≤5.0 34.5 8.6 62.9 2.8 Northwood 64 21.9 20.3 26.6 17.2 14.1 57.8 Paint Branch 13.6 37.3 29.1 14.5 5.5 2.6 110 49.1 < 5.0 6.9 25.8 32.7 34.0 92.5 3.9 Poolesville 159 Ouince Orchard 362 23.2 37.0 23.8 9.1 6.9 39.8 2.4 8.9 Rockville 123 13.8 43.1 31.7 ≤5.0 43.1 2.4 32.2 Seneca Valley 90 23.3 44.4 17.8 12.2 < 5.0 2.3 3.5 171 ≤5.0 14.0 35.1 33.3 15.2 83.6 Sherwood 5.9 Springbrook 119 28.6 50.4 14.3 ≤5.0 21.0 2.0 Watkins Mill 43 30.2 44.2 23.3 ≤5.0 2.0 ≤5.0 25.6 2.5 Wheaton 40 15.0 45.0 20.0 15.0 ≤5.0 40.0 Walt Whitman 162  $\leq 5.0$ ≤5.0 19.1 37.0 40.1  $\geq$ 95.0 4.1 Thomas S. Wootton 249 < 5.0 10.4 29.3 89.2 3.7 32.1 27.7

Table B4
2013 MCPS Advanced Placement English Literature and Composition:

		aken, rereemage		Scores of 1, 2, 3,			% Exam	Mean
	N Exams	0/ 01		% Score 3		0/ 0	Scores 3 or	Exam
MCPS High School	Taken	% Score 1	% Score 2		% Score 4	% Score 5	Higher	Score
All	2,767	≤5.0	25.8	31.0	24.4	14.6	70.1	3.2
Bethesda-Chevy Chase	114	6.1	22.8	36.8	27.2	7.0	71.1	3.1
Montgomery Blair	83	≤5.0	≤5.0	24.1	26.5	49.4	≥95.0	4.3
James Hubert Blake	102	≤5.0	32.4	34.3	25.5	5.9	65.7	3.0
Winston Churchill	197	≤5.0	15.2	26.9	34.0	23.4	84.3	3.6
Clarksburg	102	≤5.0	26.5	39.2	21.6	10.8	71.6	3.1
Damascus	158	≤5.0	36.1	41.8	19.6	≤5.0	63.3	2.9
Albert Einstein	71	5.6	42.3	26.8	18.3	7.0	52.1	2.8
Gaithersburg	95	5.3	43.2	38.9	8.4	≤5.0	51.6	2.6
Walter Johnson	187	≤5.0	21.4	31.6	29.4	15.5	76.5	3.3
John F. Kennedy	43	16.3	44.2	32.6	7.0	≤5.0	39.5	2.3
Col. Zadok Magruder	12	≤5.0	8.3	33.3	41.7	16.7	91.7	3.7
Richard Montgomery	202	≤5.0	8.9	23.8	30.7	36.6	91.1	4.0
Northwest	223	≤5.0	36.8	39.9	16.6	≤5.0	60.1	2.8
Northwood	52	5.8	42.3	32.7	19.2	≤5.0	51.9	2.7
Paint Branch	91	≤5.0	33.0	40.7	15.4	6.6	62.6	2.9
Poolesville	154	≤5.0	11.7	35.7	33.8	17.5	87.0	3.5
Quince Orchard	212	12.7	41.5	26.9	14.2	≤5.0	45.8	2.6
Rockville	69	≤5.0	33.3	36.2	23.2	7.2	66.7	3.0
Seneca Valley	71	26.8	50.7	16.9	≤5.0	≤5.0	22.5	2.0
Sherwood	145	≤5.0	21.4	37.9	26.2	12.4	76.6	3.3
Springbrook	47	19.1	53.2	19.1	6.4	≤5.0	27.7	2.2
Watkins Mill	22	18.2	54.5	13.6	9.1	≤5.0	27.3	2.3
Wheaton	25	8.0	44.0	32.0	16.0	≤5.0	48.0	2.6
Walt Whitman	132	≤5.0	≤5.0	14.4	40.9	42.4	≥95.0	4.2
Thomas S. Wootton	158	≤5.0	7.0	22.2	43.0	27.2	92.4	3.9

Table B5 2013 MCPS Advanced Placement Calculus AB:

		<u> </u>	% Exam	Scores of 1, 2, 3			% Exam	Mean
MCPS High School	N Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	1,668	14.9	10.4	17.8	25.1	31.9	74.8	3.5
Bethesda-Chevy Chase	58	13.8	8.6	32.8	31.0	13.8	77.6	3.2
Montgomery Blair	78	33.3	11.5	24.4	21.8	9.0	55.1	2.6
James Hubert Blake	68	32.4	17.6	17.6	20.6	11.8	50.0	2.6
Winston Churchill	107	≤5.0	7.5	20.6	25.2	46.7	92.5	4.1
Clarksburg	43	≤5.0	≤5.0	16.3	27.9	53.5	≥95.0	4.3
Damascus	37	≤5.0	5.4	≤5.0	21.6	70.3	94.6	4.6
Albert Einstein	39	35.9	≤5.0	17.9	25.6	17.9	61.5	2.9
Gaithersburg	28	85.7	7.1	≤5.0	≤5.0	≤5.0	7.1	1.3
Walter Johnson	162	6.2	6.8	13.6	29.6	43.8	87.0	4.0
John F. Kennedy	35	37.1	17.1	28.6	11.4	5.7	45.7	2.3
Col. Zadok Magruder	56	≤5.0	5.4	10.7	30.4	51.8	92.9	4.3
Richard Montgomery	86	5.8	≤5.0	25.6	36.0	29.1	90.7	3.8
Northwest	105	29.5	16.2	24.8	21.0	8.6	54.3	2.6
Northwood	19	10.5	26.3	36.8	21.1	5.3	63.2	2.8
Paint Branch	40	20.0	22.5	27.5	22.5	7.5	57.5	2.8
Poolesville	104	≤5.0	7.7	10.6	27.9	50.0	88.5	4.1
Quince Orchard	80	≤5.0	≤5.0	≤5.0	15.0	81.3	≥95.0	4.8
Rockville	57	36.8	22.8	22.8	8.8	8.8	40.4	2.3
Seneca Valley	18	≤5.0	11.1	22.2	38.9	27.8	88.9	3.8
Sherwood	101	23.8	26.7	18.8	22.8	7.9	49.5	2.6
Springbrook	37	≤5.0	5.4	16.2	35.1	40.5	91.9	4.1
Watkins Mill	27	33.3	25.9	22.2	11.1	7.4	40.7	2.3
Wheaton	38	44.7	15.8	15.8	18.4	5.3	39.5	2.2
Walt Whitman	112	≤5.0	8.9	21.4	33.9	31.3	86.6	3.8
Thomas S. Wootton	133	≤5.0	≤5.0	9.8	29.3	55.6	94.7	4.3

Table B6 2013 MCPS Advanced Placement Calculus BC:

								Mean
	N Exams	9/ Sagra 1				9/ Saara 5	Scores 3 or	Exam
MCPS High School	Taken						Higher	Score
All	1,176	6.4	≤5.0	15.3	17.9	56.3	89.5	4.1
Bethesda-Chevy Chase	66	≤5.0	≤5.0	22.7	21.2	47.0	90.9	4.0
Montgomery Blair	111	≤5.0	≤5.0	9.9	16.2	73.0	≥95.0	4.6
James Hubert Blake	27	7.4	≤5.0	14.8	29.6	48.1	92.6	4.1
Winston Churchill	93	≤5.0	≤5.0	5.4	19.4	74.2	≥95.0	4.7
Clarksburg	21	≤5.0	≤5.0	≤5.0	19.0	71.4	≥95.0	4.6
Damascus	23	≤5.0	≤5.0	13.0	13.0	73.9	≥95.0	4.6
Albert Einstein	16	≤5.0	6.3	43.8	6.3	43.8	93.8	3.9
Gaithersburg	21	33.3	9.5	28.6	14.3	14.3	57.1	2.7
Walter Johnson	50	≤5.0	≤5.0	≤5.0	12.0	86.0	≥95.0	4.8
John F. Kennedy								
Col. Zadok Magruder	32	≤5.0	9.4	40.6	31.3	15.6	87.5	3.5
Richard Montgomery	120	≤5.0	≤5.0	18.3	10.8	67.5	≥95.0	4.4
Northwest	75	9.3	6.7	25.3	24.0	34.7	84.0	3.7
Northwood	11	18.2	18.2	36.4	≤5.0	27.3	63.6	3.0
Paint Branch	29	17.2	6.9	17.2	31.0	27.6	75.9	3.4
Poolesville	86	≤5.0	≤5.0	8.1	14.0	74.4	≥95.0	4.6
Quince Orchard	41	≤5.0	≤5.0	12.2	19.5	68.3	≥95.0	4.6
Rockville	28	46.4	17.9	10.7	14.3	10.7	35.7	2.3
Seneca Valley								
Sherwood	57	22.8	7.0	22.8	17.5	29.8	70.2	3.2
Springbrook	26	≤5.0	7.7	15.4	26.9	50.0	92.3	4.2
Watkins Mill	23	8.7	13.0	26.1	21.7	30.4	78.3	3.5
Wheaton	21	28.6	33.3	14.3	9.5	14.3	38.1	2.5
Walt Whitman	89	5.6	≤5.0	11.2	21.3	61.8	94.4	4.3
Thomas S. Wootton	101	≤5.0	≤5.0	8.9	17.8	68.3	≥95.0	4.5

Table B7
2013 MCPS Advanced Placement Statistics:

MCDC H. 1 C 1 1	N Exams		% Exa	m Scores of 1, 2,	3, 4, or 5		% Exam	Mean
MCPS High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	1,567	16.2	13.3	23.6	25.8	21.1	70.5	3.2
Bethesda-Chevy Chase	132	16.7	22.0	31.8	18.9	10.6	61.4	2.8
Montgomery Blair	130	≤5.0	≤5.0	17.7	34.6	45.4	≥95.0	4.2
James Hubert Blake	55	16.4	20.0	27.3	30.9	5.5	63.6	2.9
Winston Churchill	116	≤5.0	12.1	24.1	37.1	24.1	85.3	3.7
Clarksburg	24	16.7	33.3	12.5	29.2	8.3	50.0	2.8
Damascus	45	11.1	20.0	31.1	26.7	11.1	68.9	3.1
Albert Einstein	44	18.2	29.5	34.1	15.9	≤5.0	52.3	2.5
Gaithersburg	37	21.6	16.2	35.1	16.2	10.8	62.2	2.8
Walter Johnson	100	≤5.0	≤5.0	29.0	38.0	30.0	≥95.0	3.9
John F. Kennedy	28	60.7	10.7	25.0	≤5.0	≤5.0	28.6	1.7
Col. Zadok Magruder	47	10.6	10.6	27.7	34.0	17.0	78.7	3.4
Richard Montgomery	91	≤5.0	≤5.0	20.9	26.4	49.5	≥95.0	4.2
Northwest	187	43.3	24.6	17.6	11.2	≤5.0	32.1	2.1
Northwood	15	40.0	13.3	46.7	≤5.0	≤5.0	46.7	2.1
Paint Branch	21	28.6	14.3	33.3	19.0	≤5.0	57.1	2.6
Poolesville	106	≤5.0	≤5.0	14.2	38.7	44.3	≥95.0	4.2
Quince Orchard	54	7.4	14.8	24.1	31.5	22.2	77.8	3.5
Rockville	14	≤5.0	7.1	21.4	28.6	42.9	92.9	4.1
Seneca Valley	19	21.1	15.8	15.8	31.6	15.8	63.2	3.1
Sherwood	61	11.5	11.5	27.9	29.5	19.7	77.0	3.3
Springbrook	32	62.5	15.6	15.6	6.3	≤5.0	21.9	1.7
Watkins Mill	57	56.1	10.5	14.0	10.5	8.8	33.3	2.1
Wheaton	23	26.1	30.4	17.4	8.7	17.4	43.5	2.6
Walt Whitman	32	≤5.0	25.0	40.6	21.9	9.4	71.9	3.1
Thomas S. Wootton	97	≤5.0	6.2	21.6	36.1	34.0	91.8	3.9

Table B8 2013 MCPS Advanced Placement Biology:

		% Exam Scores of 1, 2, 3, 4, or 5  **N Exams  **Score 1						Mean
MCPS High School	N Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	1,502	≤5.0	18.5	36.6	32.5	9.7	78.8	3.3
Bethesda-Chevy Chase	73		37.0	34.2	21.9	9.7 ≤5.0	57.5	2.8
Montgomery Blair	141	5.5 ≤5.0	12.8	31.2	41.8	<u>≤</u> 3.0 12.1	85.1	3.5
James Hubert Blake	53	≤5.0 ≤5.0	15.1	41.5	37.7	5.7	84.9	3.3
Winston Churchill	107	≤5.0 ≤5.0	5.6	36.4	41.1	16.8	94.4	3.7
Clarksburg	92	≤5.0 ≤5.0	15.2	47.8	33.7	≤5.0	84.8	3.3
Damascus	27	<u>≤5.0</u>	22.2	55.6	14.8	<u>≤5.0</u>	74.1	2.9
Albert Einstein	31	29.0	16.1	35.5	19.4	≤5.0 ≤5.0	54.8	2.5
Gaithersburg	62	≤5.0	30.6	41.9	19.4	≤5.0 ≤5.0	64.5	2.9
Walter Johnson	66	≤5.0 ≤5.0	≤5.0	19.7	50.0	28.8	≥95.0	4.1
John F. Kennedy			<u>_5</u> 5.0				<u>≥</u> 93.0	<del></del>
Col. Zadok Magruder	38	≤5.0	26.3	44.7	21.1	5.3	71.1	3.0
Richard Montgomery	49	≤5.0 ≤5.0	16.3	34.7	24.5	24.5	83.7	3.6
Northwest	80	≤5.0 ≤5.0	20.0	43.8	28.8	≤5.0	77.5	3.1
Northwood	32	≤5.0 ≤5.0	28.1	50.0	15.6	≤5.0 ≤5.0	68.8	2.9
Paint Branch	75	6.7	44.0	41.3	8.0	≤5.0 ≤5.0	49.3	2.5
Poolesville	59	≤5.0	≤5.0	23.7	55.9	20.3	≥95.0	4.0
Quince Orchard	68	8.8	25.0	36.8	23.5	5.9	66.2	2.9
Rockville	28	≤5.0	28.6	50.0	14.3	≤5.0	67.9	2.9
Seneca Valley	16	_5.0 ≤5.0	43.8	37.5	18.8	_5.0 ≤5.0	56.3	2.8
Sherwood	117	<u>_</u> 5.0 ≤5.0	30.8	35.9	21.4	10.3	67.5	3.1
Springbrook	26	<u>≤</u> 5.0	46.2	38.5	11.5	≤5.0	50.0	2.6
Watkins Mill		_5.0				_5.0		
Wheaton	18	11.1	27.8	55.6	5.6	≤5.0	61.1	2.6
Walt Whitman	90	≤5.0	≤5.0	22.2	55.6	20.0	≥95.0	3.9
Thomas S. Wootton	154	≤5.0	7.1	34.4	48.1	10.4	92.9	3.6

Table B9 2013 MCPS Advanced Placement Chemistry:

		, ,	% Exam	-	% Exam	Mean		
MCPS High School	<i>N</i> Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	910	7.5	7.8	14.6	26.0	44.1	84.7	3.9
Bethesda-Chevy Chase	34	5.9	≤5.0	26.5	26.5	41.2	94.1	4.0
Montgomery Blair	77	≤5.0	6.5	10.4	31.2	51.9	93.5	4.3
James Hubert Blake								
Winston Churchill	74	≤5.0	≤5.0	≤5.0	14.9	83.8	≥95.0	4.8
Clarksburg	50	8.0	16.0	14.0	42.0	20.0	76.0	3.5
Damascus	25	≤5.0	≤5.0	28.0	40.0	28.0	≥95.0	3.9
Albert Einstein								
Gaithersburg	20	35.0	10.0	25.0	20.0	10.0	55.0	2.6
Walter Johnson	58	5.2	12.1	13.8	25.9	43.1	82.8	3.9
John F. Kennedy								
Col. Zadok Magruder	45	6.7	11.1	22.2	31.1	28.9	82.2	3.6
Richard Montgomery	48	12.5	14.6	6.3	35.4	31.3	72.9	3.6
Northwest	30	13.3	13.3	23.3	26.7	23.3	73.3	3.3
Northwood	15	40.0	13.3	20.0	26.7	≤5.0	46.7	2.3
Paint Branch	42	23.8	21.4	28.6	19.0	7.1	54.8	2.6
Poolesville	32	≤5.0	≤5.0	28.1	34.4	34.4	≥95.0	4.0
Quince Orchard	43	14.0	11.6	23.3	32.6	18.6	74.4	3.3
Rockville	10	20.0	20.0	30.0	20.0	10.0	60.0	2.8
Seneca Valley								
Sherwood	31	22.6	19.4	19.4	22.6	16.1	58.1	2.9
Springbrook	19	10.5	10.5	15.8	36.8	26.3	78.9	3.6
Watkins Mill								
Wheaton	11	27.3	18.2	27.3	18.2	9.1	54.5	2.6
Walt Whitman	97	≤5.0	≤5.0	14.4	35.1	48.5	≥95.0	4.3
Thomas S. Wootton	140	≤5.0	≤5.0	≤5.0	10.0	88.6	≥95.0	4.9

Table B10 2013 MCPS Advanced Placement Environmental Science:

	N Exams	,		m Scores of 1, 2,	3, 4, or 5		% Exam	Mean
MCPS High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	1,327	20.6	22.1	17.2	28.0	12.1	57.3	2.9
Bethesda-Chevy Chase	60	8.3	33.3	20.0	30.0	8.3	58.3	3.0
Montgomery Blair	90	14.4	24.4	21.1	33.3	6.7	61.1	2.9
James Hubert Blake	45	31.1	40.0	8.9	13.3	6.7	28.9	2.2
Winston Churchill	114	17.5	21.1	18.4	31.6	11.4	61.4	3.0
Clarksburg	69	29.0	27.5	13.0	17.4	13.0	43.5	2.6
Damascus	50	30.0	14.0	22.0	26.0	8.0	56.0	2.7
Albert Einstein	131	35.1	21.4	19.1	20.6	≤5.0	43.5	2.4
Gaithersburg	13	7.7	23.1	53.8	15.4	≤5.0	69.2	2.8
Walter Johnson	50	≤5.0	6.0	14.0	34.0	42.0	90.0	4.0
John F. Kennedy								
Col. Zadok Magruder	28	7.1	25.0	25.0	25.0	17.9	67.9	3.2
Richard Montgomery	75	≤5.0	22.7	9.3	42.7	21.3	73.3	3.5
Northwest	58	24.1	27.6	17.2	25.9	5.2	48.3	2.6
Northwood	30	43.3	30.0	10.0	13.3	≤5.0	26.7	2.0
Paint Branch	18	50.0	16.7	16.7	11.1	5.6	33.3	2.1
Poolesville	91	≤5.0	6.6	12.1	41.8	35.2	89.0	4.0
Quince Orchard	102	44.1	25.5	17.6	10.8	≤5.0	30.4	2.0
Rockville								
Seneca Valley								
Sherwood	99	23.2	29.3	17.2	22.2	8.1	47.5	2.6
Springbrook								
Watkins Mill	10	90.0	≤5.0	10.0	≤5.0	≤5.0	10.0	1.2
Wheaton								
Walt Whitman	128	≤5.0	11.7	18.0	48.4	17.2	83.6	3.6
Thomas S. Wootton	64	12.5	32.8	20.3	26.6	7.8	54.7	2.8

Table B11 2013 MCPS Advanced Placement Physics C: Mechanics:

							% Exam	Mean
		0/ Caama 1				0/ Saana 5	Scores 3 or	Exam
MCPS High School	Taken	% Score 1	% Score 2	% Score 3			Higher	Score
All	547	7.5	14.8	21.8	25.2	30.7	77.7	3.6
Bethesda-Chevy Chase	29	≤5.0	13.8	17.2	37.9	27.6	82.8	3.7
Montgomery Blair	56	≤5.0	14.3	10.7	26.8	48.2	85.7	4.1
James Hubert Blake	33	24.2	15.2	33.3	24.2	≤5.0	60.6	2.7
Winston Churchill	33	≤5.0	≤5.0	39.4	30.3	27.3	≥95.0	3.8
Clarksburg	26	7.7	23.1	46.2	15.4	7.7	69.2	2.9
Damascus	21	≤5.0	9.5	38.1	28.6	19.0	85.7	3.5
Albert Einstein								
Gaithersburg	12	8.3	50.0	25.0	16.7	≤5.0	41.7	2.5
Walter Johnson	18	≤5.0	≤5.0	5.6	38.9	55.6	≥95.0	4.5
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	43	7.0	14.0	14.0	32.6	32.6	79.1	3.7
Northwest	17	17.6	17.6	29.4	29.4	5.9	64.7	2.9
Northwood								
Paint Branch	17	≤5.0	29.4	17.6	29.4	23.5	70.6	3.5
Poolesville	30	≤5.0	6.7	6.7	40.0	43.3	90.0	4.1
Quince Orchard	23	≤5.0	8.7	26.1	30.4	34.8	91.3	3.9
Rockville								
Seneca Valley								
Sherwood	71	21.1	29.6	31.0	14.1	≤5.0	49.3	2.5
Springbrook	13	7.7	46.2	≤5.0	23.1	23.1	46.2	3.1
Watkins Mill								
Wheaton	11	18.2	27.3	36.4	9.1	9.1	54.5	2.6
Walt Whitman	51	≤5.0	≤5.0	13.7	21.6	64.7	≥95.0	4.5
Thomas S. Wootton	34	≤5.0	≤5.0	8.8	14.7	76.5	≥95.0	4.7

Table B12 2013 MCPS Advanced Placement Microeconomics:

							% Exam	Mean
MCDC High Calcad		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or	Exam
MCPS High School							Higher	Score
All	594	7.1	9.8	15.8	34.8	32.5	83.2	3.8
Bethesda-Chevy Chase	53	≤5.0	13.2	15.1	52.8	15.1	83.0	3.6
Montgomery Blair	69	5.8	11.6	13.0	46.4	23.2	82.6	3.7
James Hubert Blake								
Winston Churchill	80	≤5.0	≤5.0	7.5	30.0	60.0	≥95.0	4.5
Clarksburg								
Damascus								
Albert Einstein								
Gaithersburg								
Walter Johnson	74	5.4	14.9	16.2	35.1	28.4	79.7	3.7
John F. Kennedy								-
Col. Zadok Magruder								
Richard Montgomery	50	≤5.0	≤5.0	16.0	24.0	54.0	94.0	4.2
Northwest								
Northwood								
Paint Branch								
Poolesville	59	≤5.0	≤5.0	13.6	40.7	42.4	≥95.0	4.2
Quince Orchard	25	28.0	16.0	12.0	24.0	20.0	56.0	2.9
Rockville	38	42.1	18.4	18.4	21.1	≤5.0	39.5	2.2
Seneca Valley								
Sherwood	18	11.1	16.7	33.3	33.3	5.6	72.2	3.1
Springbrook								
Watkins Mill								
Wheaton								
Walt Whitman	50	≤5.0	14.0	24.0	32.0	26.0	82.0	3.6
Thomas S. Wootton	69	≤5.0	≤5.0	18.8	36.2	40.6	≥95.0	4.1

Table B13 2013 MCPS Advanced Placement Macroeconomics:

							% Exam	Mean
		0/ Caara 1				0/ Caara 5	Scores 3 or	Exam
MCPS High School	Taken						Higher	Score
All	667	11.2	13.0	15.1	27.7	32.8	75.7	3.6
Bethesda-Chevy Chase	46	10.9	15.2	21.7	30.4	21.7	73.9	3.4
Montgomery Blair	68	7.4	20.6	22.1	30.9	19.1	72.1	3.3
James Hubert Blake								
Winston Churchill	80	≤5.0	≤5.0	7.5	20.0	68.8	≥95.0	4.5
Clarksburg								
Damascus								
Albert Einstein								
Gaithersburg								
Walter Johnson	77	6.5	10.4	18.2	29.9	35.1	83.1	3.8
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	52	≤5.0	9.6	9.6	32.7	44.2	86.5	4.0
Northwest	17	5.9	17.6	35.3	11.8	29.4	76.5	3.4
Northwood								
Paint Branch	20	50.0	15.0	15.0	15.0	≤5.0	35.0	2.1
Poolesville	57	5.3	≤5.0	8.8	50.9	31.6	91.2	4.0
Quince Orchard	25	24.0	24.0	12.0	28.0	12.0	52.0	2.8
Rockville	42	47.6	11.9	21.4	19.0	≤5.0	40.5	2.1
Seneca Valley								
Sherwood	32	18.8	34.4	15.6	21.9	9.4	46.9	2.7
Springbrook								
Watkins Mill								
Wheaton								
Walt Whitman	52	11.5	19.2	19.2	19.2	30.8	69.2	3.4
Thomas S. Wootton	87	≤5.0	6.9	11.5	29.9	49.4	90.8	4.2

Table B14
2013 MCPS Advanced Placement Government and Politics: Comparative:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

% Exam Mean % Exam Scores of 1, 2, 3, 4, or 5 Scores 3 or Exam N Exams % Score 1 % Score 2 % Score 3 % Score 4 % Score 5 MCPS High School Taken Higher Score All 14.6 27.7 512 7.0 16.0 34.6 78.3 3.7 Bethesda-Chevy Chase 42 7.1 7.1 23.8 33.3 28.6 85.7 3.7 Montgomery Blair < 5.0 < 5.0 4.4 67 6.0 35.8 53.7 >95.0 James Hubert Blake Winston Churchill 96 11.5 13.5 16.7 27.1 31.3 75.0 3.5 Clarksburg Damascus Albert Einstein Gaithersburg Walter Johnson 24 8.3 20.8 20.8 33.3 16.7 70.8 3.3 John F. Kennedy Col. Zadok Magruder --Richard Montgomery Northwest Northwood ------Paint Branch 17 5.9 58.8 23.5 5.9 5.9 35.3 2.5 Poolesville --Quince Orchard 28 21.4 7.1 35.7 67.9 10.7 25.0 3.4 Rockville ----9.1 Seneca Valley 22 27.3 31.8 27.3 ≤5.0 40.9 2.5 18 33.3 11.1 22.2 3.2 Sherwood ≤5.0 33.3 66.7 Springbrook ----------Watkins Mill ------Wheaton Walt Whitman 115  $\leq 5.0$ ≤5.0 12.2 24.3 58.3 94.8 4.3 82 9.8 20.7 23.2 28.0 18.3 69.5 3.2 Thomas S. Wootton

Table B15 2013 MCPS Advanced Placement U.S. Government and Politics:

		, , , , , , , , , , , , , , , , , , , ,	% Exa	% Exam	Mean			
	N Exams	0/ Coore 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or	Exam
MCPS High School	Taken	% Score 1					Higher	Score
All	4,088	8.2	19.7	28.8	19.9	23.4	72.1	3.3
Bethesda-Chevy Chase	307	6.8	15.3	26.4	20.5	30.9	77.9	3.5
Montgomery Blair	260	≤5.0	13.8	26.9	27.3	29.6	83.8	3.7
James Hubert Blake	91	≤5.0	12.1	35.2	25.3	25.3	85.7	3.6
Winston Churchill	212	≤5.0	7.5	23.1	21.7	47.2	92.0	4.1
Clarksburg	137	19.7	34.3	28.5	13.1	≤5.0	46.0	2.5
Damascus	102	≤5.0	17.6	35.3	19.6	22.5	77.5	3.4
Albert Einstein	107	7.5	25.2	41.1	14.0	12.1	67.3	3.0
Gaithersburg	71	9.9	23.9	39.4	19.7	7.0	66.2	2.9
Walter Johnson	311	≤5.0	11.3	25.4	20.9	41.2	87.5	3.9
John F. Kennedy	40	45.0	30.0	22.5	≤5.0	≤5.0	25.0	1.8
Col. Zadok Magruder	99	7.1	27.3	37.4	17.2	11.1	65.7	3.0
Richard Montgomery	207	6.3	13.5	24.6	24.2	31.4	80.2	3.6
Northwest	182	13.2	35.2	26.9	15.4	9.3	51.6	2.7
Northwood	55	10.9	38.2	25.5	14.5	10.9	50.9	2.8
Paint Branch	190	23.2	34.2	28.9	11.1	≤5.0	42.6	2.4
Poolesville	220	5.5	24.5	31.8	16.8	21.4	70.0	3.2
Quince Orchard	208	14.4	21.2	28.4	21.2	14.9	64.4	3.0
Rockville	123	8.9	26.8	25.2	20.3	18.7	64.2	3.1
Seneca Valley	56	21.4	35.7	30.4	8.9	≤5.0	42.9	2.4
Sherwood	187	≤5.0	10.2	29.9	33.2	26.7	89.8	3.8
Springbrook	103	26.2	33.0	23.3	13.6	≤5.0	40.8	2.4
Watkins Mill	74	21.6	31.1	24.3	14.9	8.1	47.3	2.6
Wheaton	72	23.6	29.2	29.2	9.7	8.3	47.2	2.5
Walt Whitman	323	≤5.0	14.6	30.3	21.4	30.7	82.4	3.6
Thomas S. Wootton	351	≤5.0	10.8	31.6	22.8	32.8	87.2	3.7

Table B16 2013 MCPS Advanced Placement European History:

			% Exam	•	% Exam	Mean		
MCPS High School	N Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	420	15.5	9.0	35.0	25.7	14.8	75.5	3.2
Bethesda-Chevy Chase	16	12.5	6.3	37.5	18.8	25.0	81.3	3.4
Montgomery Blair	12	8.3	8.3	33.3	50.0	≤5.0	83.3	3.3
James Hubert Blake	26	23.1	11.5	34.6	26.9	≤5.0	65.4	2.8
Winston Churchill	26	≤5.0	≤5.0	34.6	30.8	26.9	92.3	3.7
Clarksburg	17	23.5	29.4	41.2	5.9	≤5.0	47.1	2.3
Damascus	16	≤5.0	≤5.0	37.5	31.3	31.3	≥95.0	3.9
Albert Einstein								
Gaithersburg								
Walter Johnson	40	27.5	≤5.0	35.0	17.5	15.0	67.5	2.9
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	98	13.3	10.2	32.7	30.6	13.3	76.5	3.2
Northwest	24	33.3	16.7	29.2	16.7	≤5.0	50.0	2.4
Northwood								
Paint Branch								
Poolesville								
Quince Orchard	19	36.8	10.5	31.6	10.5	10.5	52.6	2.5
Rockville								
Seneca Valley								
Sherwood	13	≤5.0	23.1	38.5	23.1	15.4	76.9	3.3
Springbrook								
Watkins Mill								
Wheaton	15	66.7	6.7	20.0	6.7	≤5.0	26.7	1.7
Walt Whitman	77	≤5.0	6.5	40.3	32.5	18.2	90.9	3.6
Thomas S. Wootton	21	≤5.0	≤5.0	38.1	28.6	33.3	≥95.0	4.0

Table B17 2013 MCPS Advanced Placement U.S. History:

		,	% Exa	Exam Score by	% Exam	Mean		
MCPS High School	N Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	1,685	9.0	21.1	21.1	27.6	21.1	69.9	3.3
Bethesda-Chevy Chase	58	≤5.0	10.3	15.5	22.4	50.0	87.9	4.1
Montgomery Blair	17	≤5.0	5.9	23.5	29.4	41.2	94.1	4.1
James Hubert Blake	57	≤5.0	29.8	33.3	28.1	5.3	66.7	3.0
Winston Churchill	148	≤5.0	5.4	16.2	42.6	35.1	93.9	4.1
Clarksburg	85	7.1	25.9	29.4	29.4	8.2	67.1	3.1
Damascus	39	5.1	41.0	33.3	17.9	≤5.0	53.8	2.7
Albert Einstein	64	10.9	12.5	23.4	37.5	15.6	76.6	3.3
Gaithersburg	45	15.6	42.2	31.1	11.1	≤5.0	42.2	2.4
Walter Johnson	137	≤5.0	10.9	23.4	32.1	32.1	87.6	3.8
John F. Kennedy	48	18.8	43.8	29.2	8.3	≤5.0	37.5	2.3
Col. Zadok Magruder	27	≤5.0	22.2	29.6	29.6	14.8	74.1	3.3
Richard Montgomery	198	≤5.0	12.6	16.2	35.9	33.3	85.4	3.9
Northwest	32	9.4	25.0	18.8	43.8	≤5.0	65.6	3.1
Northwood	25	8.0	44.0	24.0	24.0	≤5.0	48.0	2.6
Paint Branch	21	≤5.0	14.3	33.3	38.1	9.5	81.0	3.3
Poolesville	16	6.3	6.3	25.0	37.5	25.0	87.5	3.7
Quince Orchard	97	11.3	42.3	33.0	12.4	≤5.0	46.4	2.5
Rockville	27	11.1	44.4	22.2	14.8	7.4	44.4	2.6
Seneca Valley	58	37.9	36.2	19.0	5.2	≤5.0	25.9	2.0
Sherwood	101	≤5.0	10.9	23.8	29.7	34.7	88.1	3.9
Springbrook	107	43.9	40.2	12.1	≤5.0	≤5.0	15.9	1.8
Watkins Mill	50	12.0	28.0	16.0	42.0	≤5.0	60.0	2.9
Wheaton	69	18.8	24.6	26.1	26.1	≤5.0	56.5	2.7
Walt Whitman	78	≤5.0	≤5.0	≤5.0	25.6	69.2	≥95.0	4.6
Thomas S. Wootton	81	≤5.0	11.1	11.1	43.2	34.6	88.9	4.0

Table B18 2013 MCPS Advanced Placement World History:

	of Lamis Take	% Exam Scores of 1, 2, 3, 4, or 5					% Exam	Mean
MCPS High School	<i>N</i> Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	3,049	7.4	24.7	34.6	21.8	11.4	67.9	3.1
Bethesda-Chevy Chase	80	≤5.0	20.0	22.5	31.3	26.3	80.0	3.6
Montgomery Blair	240	≤5.0	16.7	35.8	30.0	14.2	80.0	3.4
James Hubert Blake	163	10.4	41.7	29.4	14.1	≤5.0	47.9	2.6
Winston Churchill	129	≤5.0	12.4	26.4	37.2	23.3	86.8	3.7
Clarksburg	97	7.2	36.1	36.1	14.4	6.2	56.7	2.8
Damascus	115	≤5.0	21.7	44.3	22.6	9.6	76.5	3.2
Albert Einstein	87	16.1	35.6	28.7	13.8	5.7	48.3	2.6
Gaithersburg	62	9.7	41.9	33.9	12.9	≤5.0	48.4	2.5
Walter Johnson	291	≤5.0	16.5	33.7	25.4	23.4	82.5	3.5
John F. Kennedy	66	12.1	39.4	34.8	12.1	≤5.0	48.5	2.5
Col. Zadok Magruder	90	≤5.0	22.2	52.2	15.6	6.7	74.4	3.0
Richard Montgomery	123	5.7	24.4	48.0	18.7	≤5.0	69.9	2.9
Northwest	173	≤5.0	25.4	42.2	21.4	6.4	69.9	3.0
Northwood	42	7.1	14.3	42.9	26.2	9.5	78.6	3.2
Paint Branch	166	9.6	32.5	36.7	18.1	≤5.0	57.8	2.7
Poolesville	207	≤5.0	13.0	32.4	34.3	15.9	82.6	3.4
Quince Orchard	206	9.7	39.8	29.6	13.1	7.8	50.5	2.7
Rockville	54	7.4	40.7	29.6	13.0	9.3	51.9	2.8
Seneca Valley	40	30.0	35.0	27.5	≤5.0	≤5.0	35.0	2.2
Sherwood	185	≤5.0	20.5	42.7	21.1	10.8	74.6	3.1
Springbrook	97	40.2	27.8	25.8	5.2	≤5.0	32.0	2.0
Watkins Mill	26	7.7	42.3	42.3	≤5.0	7.7	50.0	2.6
Wheaton	90	31.1	37.8	22.2	6.7	≤5.0	31.1	2.1
Walt Whitman	71	≤5.0	≤5.0	23.9	39.4	33.8	≥95.0	4.0
Thomas S. Wootton	149	≤5.0	6.7	34.9	38.3	20.1	93.3	3.7

Table B19 2013 MCPS Advanced Placement Human Geography:

		, , , , , , , , , , , , , , , , , , ,	% Exam		% Exam	Mean		
	N Exams	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or	Exam
MCPS High School	Taken						Higher	Score
All	539	11.5	10.6	22.6	29.1	26.2	77.9	3.5
Bethesda-Chevy Chase								
Montgomery Blair								
James Hubert Blake								
Winston Churchill	112	7.1	8.9	18.8	32.1	33.0	83.9	3.8
Clarksburg								
Damascus								
Albert Einstein	55	23.6	14.5	25.5	30.9	5.5	61.8	2.8
Gaithersburg								
Walter Johnson	42	9.5	≤5.0	14.3	23.8	47.6	85.7	4.0
John F. Kennedy								
Col. Zadok Magruder	63	9.5	11.1	28.6	28.6	22.2	79.4	3.4
Richard Montgomery	28	7.1	7.1	28.6	32.1	25.0	85.7	3.6
Northwest								
Northwood	17	52.9	23.5	11.8	11.8	≤5.0	23.5	1.8
Paint Branch								
Poolesville	96	7.3	5.2	18.8	31.3	37.5	87.5	3.9
Quince Orchard								
Rockville								
Seneca Valley								
Sherwood								
Springbrook								
Watkins Mill								
Wheaton								
Walt Whitman	20	≤5.0	20.0	20.0	25.0	35.0	80.0	3.8
Thomas S. Wootton	89	10.1	16.9	29.2	27.0	16.9	73.0	3.2

Table B20 2013 MCPS Advanced Placement Psychology:

	ME		% Exa		% Exam	Mean		
MCPS High School	<i>N</i> Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	3,464	17.0	10.2	17.1	27.5	28.2	72.8	3.4
Bethesda-Chevy Chase	146	9.6	15.1	16.4	37.0	21.9	75.3	3.5
Montgomery Blair	152	14.5	9.9	13.8	27.0	34.9	75.7	3.6
James Hubert Blake	106	17.9	19.8	19.8	20.8	21.7	62.3	3.1
Winston Churchill	374	≤5.0	5.1	13.1	35.6	43.9	92.5	4.1
Clarksburg HS	99	33.3	9.1	22.2	14.1	21.2	57.6	2.8
Damascus	102	16.7	12.7	26.5	26.5	17.6	70.6	3.2
Albert Einstein	52	21.2	15.4	28.8	21.2	13.5	63.5	2.9
Gaithersburg	49	24.5	20.4	24.5	16.3	14.3	55.1	2.8
Walter Johnson	203	5.9	≤5.0	10.3	28.6	53.2	92.1	4.2
John F. Kennedy	45	35.6	≤5.0	24.4	22.2	13.3	60.0	2.7
Col. Zadok Magruder	70	11.4	7.1	24.3	37.1	20.0	81.4	3.5
Richard Montgomery	185	14.6	14.6	21.1	27.0	22.7	70.8	3.3
Northwest	136	27.9	8.1	19.9	27.9	16.2	64.0	3.0
Northwood	125	35.2	17.6	17.6	19.2	10.4	47.2	2.5
Paint Branch	103	17.5	17.5	13.6	24.3	27.2	65.0	3.3
Poolesville	143	8.4	≤5.0	10.5	23.8	53.1	87.4	4.1
Quince Orchard	211	21.8	13.7	20.4	28.0	16.1	64.5	3.0
Rockville	90	16.7	14.4	21.1	30.0	17.8	68.9	3.2
Seneca Valley	50	38.0	22.0	20.0	14.0	6.0	40.0	2.3
Sherwood	215	21.4	15.3	22.8	28.4	12.1	63.3	2.9
Springbrook	86	55.8	8.1	19.8	12.8	≤5.0	36.0	2.0
Watkins Mill	49	49.0	14.3	14.3	14.3	8.2	36.7	2.2
Wheaton	58	67.2	5.2	19.0	5.2	≤5.0	27.6	1.7
Walt Whitman	270	≤5.0	≤5.0	8.1	35.9	53.0	≥95.0	4.4
Thomas S. Wootton	345	10.7	9.9	16.5	30.7	32.2	79.4	3.6

Table B21
2013 MCPS Advanced Placement Computer Science A:

	ME		% Exar		% Exam	Mean		
MCPS High School	N Exams Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All	521	13.1	≤5.0	9.6	27.8	46.4	83.9	3.9
Bethesda-Chevy Chase	11	36.4	9.1	9.1	45.5	≤5.0	54.5	2.6
Montgomery Blair	113	≤5.0	≤5.0	≤5.0	25.7	69.0	≥95.0	4.6
James Hubert Blake								
Walt Churchill	58	≤5.0	≤5.0	5.2	43.1	50.0	≥95.0	4.4
Clarksburg	23	≤5.0	≤5.0	13.0	65.2	21.7	≥95.0	4.1
Damascus								
Albert Einstein								
Gaithersburg								
Walter Johnson	12	16.7	8.3	8.3	25.0	41.7	75.0	3.7
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	24	12.5	≤5.0	8.3	20.8	54.2	83.3	4.0
Northwest	33	42.4	9.1	33.3	9.1	6.1	48.5	2.3
Northwood								
Paint Branch								
Poolesville	51	≤5.0	≤5.0	13.7	31.4	51.0	≥95.0	4.3
Quince Orchard	25	40.0	≤5.0	20.0	28.0	12.0	60.0	2.7
Rockville								
Seneca Valley								
Sherwood								
Springbrook	43	25.6	9.3	16.3	30.2	18.6	65.1	3.1
Watkins Mill								
Wheaton	18	77.8	5.6	5.6	5.6	5.6	16.7	1.6
Walt Whitman	16	≤5.0	≤5.0	6.3	37.5	56.3	≥95.0	4.5
Thomas S. Wootton	70	≤5.0	≤5.0	≤5.0	12.9	87.1	≥95.0	4.9

Table B22 2013 MCPS Advanced Placement Spanish Language:

		, , , , , , , , , , , , , , , , , , , ,	% Exan		% Exam	Mean		
MCDC III 1 C 1 1	N Exams	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or	Exam
MCPS High School	Taken						Higher	Score
All	1,061	7.8	14.3	19.9	29.5	28.5	77.9	3.6
Bethesda-Chevy Chase	63	≤5.0	9.5	17.5	30.2	41.3	88.9	4.0
Montgomery Blair	71	≤5.0	≤5.0	12.7	47.9	38.0	≥95.0	4.2
James Hubert Blake	24	25.0	20.8	25.0	20.8	8.3	54.2	2.7
Winston Churchill	59	8.5	10.2	22.0	30.5	28.8	81.4	3.6
Clarksburg	29	6.9	20.7	31.0	20.7	20.7	72.4	3.3
Damascus	23	≤5.0	30.4	13.0	47.8	≤5.0	65.2	3.2
Albert Einstein	34	5.9	14.7	17.6	38.2	23.5	79.4	3.6
Gaithersburg	64	17.2	25.0	21.9	17.2	18.8	57.8	3.0
Walter Johnson	46	≤5.0	6.5	13.0	23.9	54.3	91.3	4.2
John F. Kennedy	20	≤5.0	≤5.0	10.0	45.0	45.0	≥95.0	4.4
Col. Zadok Magruder	66	≤5.0	≤5.0	25.8	37.9	28.8	92.4	3.8
Richard Montgomery	120	≤5.0	15.0	19.2	31.7	31.7	82.5	3.8
Northwest	58	19.0	13.8	19.0	20.7	27.6	67.2	3.2
Northwood	44	9.1	20.5	13.6	40.9	15.9	70.5	3.3
Paint Branch	30	≤5.0	6.7	20.0	43.3	30.0	93.3	4.0
Poolesville								
Quince Orchard	51	21.6	23.5	17.6	19.6	17.6	54.9	2.9
Rockville	26	≤5.0	11.5	26.9	30.8	30.8	88.5	3.8
Seneca Valley	12	8.3	16.7	16.7	25.0	33.3	75.0	3.6
Sherwood	48	25.0	20.8	22.9	16.7	14.6	54.2	2.8
Springbrook	16	25.0	25.0	18.8	12.5	18.8	50.0	2.8
Watkins Mill	40	≤5.0	20.0	30.0	30.0	15.0	75.0	3.3
Wheaton	28	7.1	17.9	21.4	25.0	28.6	75.0	3.5
Walt Whitman	53	≤5.0	13.2	15.1	24.5	45.3	84.9	4.0
Thomas S. Wootton	27	≤5.0	18.5	29.6	18.5	29.6	77.8	3.5