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INFORMATION

Office of Shared Accountability
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

February 10, 2012

MEMORANDUM

To: High School Principals

From: Adrian B. Talley, Associate Superintendent 

Subject: INFORMATION: Class of 2011 Advanced Placement Exam Participation and Performance

The Montgomery County Public Schools (MCPS) Class of 2011 students outperformed Maryland and the nation on Advanced Placement (AP) examination participation and performance records. In 2011, 66.1 percent of MCPS graduates took one or more AP exams, a rate that was 19.7 and 35.9 percentage points higher, respectively, than the rate for public school graduates in Maryland (46.4%) and the nation (30.2%) (Table 1). More significantly, the percentage of MCPS graduates who earned at least one AP exam score of 3 or higher (49.6%) was almost twice the rate for public school graduates in Maryland (27.9%) and nearly three times the rate for public school graduates in the nation (18.1%).

Particularly noteworthy is the fact that MCPS graduates significantly contributed to Maryland's first place national ranking for AP exam performance. For the fourth year in a row, Maryland had the highest percentage of graduates who earned one or more AP exam scores of 3 or higher. In fact, MCPS students account for 32.3 percent of all of the 2011 Maryland graduates who earned a 3 or higher on at least one AP exam.

The percentage of graduates who took one or more AP exams increased 1.1 percentage points from 2010 to 2011; a similar pattern is noticed for public school graduates in Maryland (3.0 percentage points) and the nation (1.9 percentage points). Between 2010 and 2011, the percentage of graduates who earned at least one AP exam score of 3 or higher held steady for MCPS graduates, while there was a slight increase for public school graduates in Maryland (1.5 percentage points) and in the nation (1.2 percentage points).

Table 1
AP Exam Participation and Performance of
Public School Graduates in the Classes of 2010–2011

Public School Graduates	N Graduates		Graduates Who Took One or More AP Exams				Graduates Who Earned One or More AP Exam Scores of 3 or Higher			
			N		%		N		%	
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
MCPS	10,352	10,158	6,726	6,710	65.0	66.1	5,088	5,041	49.1	49.6
Maryland ^a	57,523	55,919	24,961	25,973	43.4	46.4	15,167	15,610	26.4	27.9
Maryland w/o MCPS ^a	47,171	45,761	18,235	19,263	38.7	42.1	10,079	10,569	21.4	23.1
Nation ^a	3,018,460	2,993,120	853,314	903,630	28.3	30.2	508,818	540,619	16.9	18.1

^a Source: College Board, *Seventh Annual AP Report to the Nation* and *Eighth Annual AP Report to the Nation*.

Among Black or African American graduates in the MCPS Class of 2011, 44.5 percent took at least one AP exam, compared to 18.5 percent nationally. More than one half of Hispanic/Latino graduates in the MCPS Class of 2011 (53.0%) took an AP exam, compared with 29.1 percent nationwide (Table 2).

AP exam performance among Black or African American and Hispanic/Latino graduates in the Class of 2011 was notable districtwide. The percentage of Black or African American graduates in the MCPS Class of 2011 who earned at least one AP exam score of 3 or higher was nearly three times the rate for Black or African American graduates in Maryland and more than four times the rate for Black or African American graduates nationwide. The rate of Hispanic/Latino graduates in the MCPS Class of 2011 with at least one AP exam score of 3 or higher was 10.0 percentage points higher than the rate of Hispanic/Latino graduates in Maryland and was more than twice the rate for Hispanic/Latino graduates in the nation. The percentage of Black or African American (22.3%) and Hispanic/Latino (37.2%) graduates in the MCPS Class of 2011 with at least one AP exam score of 3 or higher was 4.2 and 19.1 percentage points, respectively, above the national average (18.1%) for all graduates (Table 2).

Table 2
 AP Exam Participation and Performance of Black or African American, Hispanic/Latino, and All Public School Graduates in the Class of 2011 (Performance based on All Graduates)

Race/ Ethnicity	Public School Graduates	Graduates Who Took One or More AP Exams		Graduates Who Earned One or More AP Exam Scores of 3 or Higher	
		<i>N</i>	%	<i>N</i>	%
	MCPS	991	44.5	497	22.3
BL	Maryland ^a	n/a ^b	n/a ^b	1,686	8.4
	Nation ^a	81,215	18.5	22,165	5.0
	MCPS	1,105	53.0	775	37.2
HI	Maryland ^a	n/a ^b	n/a ^b	1,218	27.2
	Nation ^a	153,407	29.1	82,174	15.6
	MCPS	6,710	66.1	5,041	49.6
All	Maryland ^a	25,973	46.4	15,610	27.9
	Nation ^a	903,630	30.2	540,619	18.1

Note. For the MCPS Class of 2011, racial/ethnic reporting is consistent with the federal category requirements in reporting race/ethnicity. Therefore, race/ethnicity comparisons between MCPS data and data from the College Board for Maryland and the nation should be interpreted with caution.

^a Sources: College Board, *Eighth Annual AP Report to the Nation*.

^b Data were not available (n/a) for these graduates.

Table 3 shows the AP Exam Performance of Black or African American, Hispanic/Latino, and all public school graduates in the Class of 2011 based on the number of test takers. Among Black or African American test takers, slightly more than one half of Black or African American graduates in the MCPS Class of 2011 earned at least one AP exam score of 3 or higher, far outpacing the nation (27.3%). Among Hispanic/Latino test takers, 70.1 percent of graduates earned a score of 3 or higher, compared to 53.6 percent nationally (Table 3).

Table 3
AP Exam Participation and Performance of Black or African American, Hispanic/Latino, and All Public School Graduates in the Class of 2011 (Performance based on Test Takers)

Race/ Ethnicity	Public School Graduates	Graduates Who Took One or More AP Exams		Graduates Who Took AP Exam(s) and Earned One or More AP Exam Scores of 3 or Higher	
		<i>N</i>	%	<i>N</i>	%
BL	MCPS	991	44.5	497	50.2
	Maryland ^a	n/a ^b	n/a ^b	1,686	n/a ^b
	Nation ^a	81,215	18.5	22,165	27.3
HI	MCPS	1,105	53.0	775	70.1
	Maryland ^a	n/a ^b	n/a ^b	1,218	n/a ^b
	Nation ^a	153,407	29.1	82,174	53.6
All	MCPS	6,710	66.1	5,041	75.1
	Maryland ^a	25,973	46.4	15,610	60.1
	Nation ^a	903,630	30.2	540,619	59.8

Note. For the MCPS Class of 2011, racial/ethnic reporting is consistent with the federal category requirements in reporting race/ethnicity. Therefore, race/ethnicity comparisons between MCPS data and data from the College Board for Maryland and the nation should be interpreted with caution.

^a Sources: College Board, *Eighth Annual AP Report to the Nation*.

^b Data were not available (n/a) for these graduates.

MCPS high schools continued to support AP exam participation and performance of minority graduates. Between 2010 and 2011, 14 out of the 25 high schools showed an increase in AP exam participation for Black or African American graduates, and 14 out of the 25 high schools showed an increase in AP exam participation for Hispanic/Latino graduates. Seventeen out of the 25 high schools showed an increase in the percentage of Black or African American graduates who earned at least an AP exam score of 3 or higher, and 14 out of the 25 high schools showed an increase in the percentage of Hispanic/Latino graduates who earned at least an AP exam score of 3 or higher. Eleven of the 25 high schools showed increases for both AP exam participation and performance for Black or African American, and 11 of the 25 high schools showed increases for both AP exam participation and performance for Hispanic/Latino graduates.

In the 2011 school year, of note are six high schools—Bethesda-Chevy Chase, Albert Einstein, Richard Montgomery, Sherwood, Walt Whitman, and Thomas S. Wootton—that demonstrated increases in both AP exam participation and performance for both Hispanic/Latino and Black or African American graduates. Northwest, Paint Branch, and Seneca Valley high schools had an increase in AP exam participation for both Hispanic/Latino and Black or African American graduates. James Hubert Blake, Walter Johnson, Quince Orchard and Springbrook high schools had a significant increase in AP exam performance for both Hispanic/Latino and Black or African American graduates.

The growth in AP exam results for the MCPS Class of 2011, especially for Hispanic/Latino and Black or African American graduates, may be credited to the district's commitment to provide increasing access to the AP program and to raise the level of support for underserved students in AP classrooms. High schools have been focused on teaching and learning practices within their schools in order to improve those practices that address student achievement. Some high schools also focus support for students who are first time AP course takers. The support provided has helped the students with their writing and research skills which are paramount for AP success. In the 2011–2012 school year, the AP/International Baccalaureate (IB)/College Courses M-Stat team introduced the AP/IB categories to be included in the College Readiness Monitoring Tool developed by the Office of Shared Accountability (OSA). This tool is used by school staff to monitor individual student's AP/IB course-taking and AP/IB exam participation and performance, which in turn will promote equity for all students to be ready for college.

The attached tables provide additional information for your review. Tables A1 to A4 provide data on AP exam participation and performance for the graduates in the MCPS Classes of 2010 and 2011 by student groups and by high schools. Tables A5 to A8 provide data on AP exam participation and performance of MCPS graduates in 2011 by high schools and student groups. Tables B1 and B2 provide data on AP exam participation and performance, IB exam participation and performance, and data on the AP and/or IB exam participation and performance and the attainment of Key 6—at least one AP exam score of 3 or higher or one IB exam score of 4 or higher—by student groups and by high schools.

If you have questions, please contact Dr. Vasuki Rethinam, supervisor, Applied Research unit, OSA, at 301-279-3564.

ABT:sl

Attachment

Copy to:

Executive Staff
Mrs. Collins
Mrs. Green
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Approved:


Frieda K. Lacey, Deputy Superintendent of Schools

Table A1
 Number and Percentage of Graduates in the MCPS Classes of 2010 and 2011
 Who Took One or More Advanced Placement Exams by Demographic Group

Demographic Group	N Graduates		N Graduates Took One or More AP Exams ^a		% Graduates Took One or More AP Exams ^a	
	2010 ^b	2011	2010 ^b	2011	2010 ^b	2011
MCPS ^c	10,352	10,158	6,726	6,710	65.0	66.1
Male	5,299	5,049	3,220	3,075	60.8	60.9
Female	5,053	5,109	3,506	3,635	69.4	71.1
Asian	1,647	1,508	1,314	1,237	79.8	82.0
Male	855	780	656	609	76.7	78.1
Female	792	728	658	628	83.1	86.3
Black or African American	2,170	2,228	915	991	42.2	44.5
Male	1,081	1,071	403	398	37.3	37.2
Female	1,089	1,157	512	593	47.0	51.3
Hispanic/Latino	2,004	2,084	1,055	1,105	52.6	53.0
Male	981	1,019	459	471	46.8	46.2
Female	1,023	1,065	596	634	58.3	59.5
White	4,202	3,986	3,213	3,127	76.5	78.4
Male	2,219	2,018	1,591	1,492	71.7	73.9
Female	1,983	1,968	1,622	1,635	81.8	83.1
Two or More Races	295	323	207	236	70.2	73.1
Male	148	144	101	99	68.2	68.8
Female	147	179	106	137	72.1	76.5
FARMS	1,962	2,114	886	948	45.2	44.8
Special Education	855	927	165	211	19.3	22.8
ESOL	319	279	109	115	34.2	41.2

Note. AP = Advanced Placement; FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander graduates are included with all graduates but are not reported separately. Results are reported separately for graduates who received FARMS, special education, and ESOL services during Grade 12.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bAP exam results for the MCPS Class of 2010 are recalculated to include full cohort (change in College Board reporting rule) and also to be consistent with the federal requirements in reporting race/ethnicity categories. Therefore, these results might not match the already published results for 2010.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A2
 Number and Percentage of Graduates in the MCPS Classes of 2010 and 2011
 Who Earned One or More Advanced Placement Exam Scores of 3 or Higher by Demographic Group

Demographic Group	N Graduates		N Graduates Earned One or More AP Scores of 3 or Higher ^a		% Graduates Earned One or More AP Scores of 3 or Higher ^a	
	2010 ^b	2011	2010 ^b	2011	2010 ^b	2011
MCPS ^c	10,352	10,158	5,088	5,041	49.1	49.6
Male	5,299	5,049	2,457	2,328	46.4	46.1
Female	5,053	5,109	2,631	2,713	52.1	53.1
Asian	1,647	1,508	1,081	1,002	65.6	66.4
Male	855	780	536	497	62.7	63.7
Female	792	728	545	505	68.8	69.4
Black or African American	2,170	2,228	448	497	20.6	22.3
Male	1,081	1,071	196	196	18.1	18.3
Female	1,089	1,157	252	301	23.1	26.0
Hispanic/Latino	2,004	2,084	729	775	36.4	37.2
Male	981	1,019	317	324	32.3	31.8
Female	1,023	1,065	412	451	40.3	42.3
White	4,202	3,986	2,653	2,589	63.1	65.0
Male	2,219	2,018	1,321	1,235	59.5	61.2
Female	1,983	1,968	1,332	1,354	67.2	68.8
Two or More Races	295	323	163	168	55.3	52.0
Male	148	144	81	72	54.7	50.0
Female	147	179	82	96	55.8	53.6
FARMS	1,962	2,114	504	560	25.7	26.5
Special Education	855	927	99	121	11.6	13.1
ESOL	319	279	75	92	23.5	33.0

Note. AP = Advanced Placement; FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander graduates are included with all graduates but are not reported separately. Results are reported separately for graduates who received FARMS, special education, and ESOL services during Grade 12.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bAP exam results for the MCPS Class of 2010 are recalculated to include full cohort (change in College Board reporting rule) and also to be consistent with the federal requirements in reporting race/ethnicity categories. Therefore, these results might not match the already published results for 2010.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A3
 Number and Percentage of Graduates in the MCPS Classes of 2010 and 2011
 Who Took One or More Advanced Placement Exams by High School

High School	N Graduates		N Graduates Took One or More AP Exams ^a		% Graduates Took One or More AP Exams ^a	
	2010 ^b	2011	2010 ^b	2011	2010 ^b	2011
MCPS ^c	10,352	10,158	6,726	6,710	65.0	66.1
Bethesda-Chevy Chase	425	416	316	319	74.4	76.7
Montgomery Blair	619	590	373	379	60.3	64.2
James Hubert Blake	397	431	221	223	55.7	51.7
Winston Churchill	536	495	473	445	88.2	89.9
Clarksburg	380	369	170	175	44.7	47.4
Damascus	368	323	229	223	62.2	69.0
Albert Einstein	328	329	213	204	64.9	62.0
Gaithersburg	429	413	231	208	53.8	50.4
Walter Johnson	469	489	361	381	77.0	77.9
John F. Kennedy	323	342	180	166	55.7	48.5
Col. Zadok Magruder	487	409	282	245	57.9	59.9
Richard Montgomery	514	471	346	338	67.3	71.8
Northwest	456	486	272	301	59.6	61.9
Northwood	266	285	157	194	59.0	68.1
Paint Branch	435	434	258	251	59.3	57.8
Poolesville	272	267	211	210	77.6	78.7
Quince Orchard	417	420	280	290	67.1	69.0
Rockville	267	283	198	190	74.2	67.1
Seneca Valley	282	283	171	184	60.6	65.0
Sherwood	510	505	315	331	61.8	65.5
Springbrook	401	393	215	206	53.6	52.4
Watkins Mill	312	353	161	185	51.6	52.4
Wheaton	300	251	177	137	59.0	54.6
Walt Whitman	468	461	381	386	81.4	83.7
Thomas S. Wootton	614	599	529	529	86.2	88.3

Note. AP = Advanced Placement.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bAP exam results for the MCPS Class of 2010 are recalculated to include full cohort (change in College Board reporting rule) and therefore these results might not match the already published results for 2010.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A4
 Number and Percentage of Graduates in the MCPS Classes of 2010 and 2011
 Who Earned One or More Advanced Placement Exam Scores of 3 or Higher by High School

High School	N Graduates		N Graduates Earned One or More AP Scores of 3 or Higher ^a		% Graduates Earned One or More AP Scores of 3 or Higher ^a	
	2010 ^b	2011	2010 ^b	2011	2010 ^b	2011
MCPS ^c	10,352	10,158	5,088	5,041	49.1	49.6
Bethesda-Chevy Chase	425	416	254	266	59.8	63.9
Montgomery Blair	619	590	327	324	52.8	54.9
James Hubert Blake	397	431	163	158	41.1	36.7
Winston Churchill	536	495	446	410	83.2	82.8
Clarksburg	380	369	115	131	30.3	35.5
Damascus	368	323	155	147	42.1	45.5
Albert Einstein	328	329	135	128	41.2	38.9
Gaithersburg	429	413	131	123	30.5	29.8
Walter Johnson	469	489	312	344	66.5	70.3
John F. Kennedy	323	342	101	94	31.3	27.5
Col. Zadok Magruder	487	409	227	198	46.6	48.4
Richard Montgomery	514	471	297	294	57.8	62.4
Northwest	456	486	187	193	41.0	39.7
Northwood	266	285	89	104	33.5	36.5
Paint Branch	435	434	180	160	41.4	36.9
Poolesville	272	267	183	193	67.3	72.3
Quince Orchard	417	420	196	202	47.0	48.1
Rockville	267	283	111	111	41.6	39.2
Seneca Valley	282	283	94	93	33.3	32.9
Sherwood	510	505	235	246	46.1	48.7
Springbrook	401	393	133	136	33.2	34.6
Watkins Mill	312	353	101	110	32.4	31.2
Wheaton	300	251	93	70	31.0	27.9
Walt Whitman	468	461	351	362	75.0	78.5
Thomas S. Wootton	614	599	467	439	76.1	73.3

Note. AP = Advanced Placement.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bAP exam results for the MCPS Class of 2010 are recalculated to include full cohort (change in College Board reporting rule) and therefore, these results might not match the already published results for 2010.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A5
 Number and Percentage of Graduates in the MCPS Class of 2011
 Who Took One or More Advanced Placement Exams by High School and Race/Ethnicity

High School	N Graduates						N Graduates Took One or More AP Exams ^a						% Graduates Took One or More AP Exams ^a					
	All	AS	BL	HI	WH	MU	All	AS	BL	HI	WH	MU	All	AS	BL	HI	WH	MU
MCPS ^b	10,158	1,508	2,228	2,084	3,986	323	6,710	1,237	991	1,105	3,127	236	66.1	82.0	44.5	53.0	78.4	73.1
Bethesda-CC	416	29	68	60	250	7	319	20	36	40	216	6	76.7	69.0	52.9	66.7	86.4	85.7
Blair	590	103	157	145	159	26	379	83	64	62	144	26	64.2	80.6	40.8	42.8	90.6	100.0
Blake	431	38	180	65	135	13	223	29	68	33	85	8	51.7	76.3	37.8	50.8	63.0	61.5
Churchill	495	112	28	34	302	18	445	104	16	31	275	18	89.9	92.9	57.1	91.2	91.1	100.0
Clarksburg	369	59	107	70	129	1	175	43	31	27	74	--	47.4	72.9	29.0	38.6	57.4	--
Damascus	323	14	21	45	234	9	223	12	8	24	173	6	69.0	85.7	38.1	53.3	73.9	66.7
Einstein	329	22	84	151	57	15	204	13	48	87	47	9	62.0	59.1	57.1	57.6	82.5	60.0
Gaithersburg	413	45	119	115	130	4	208	31	46	49	80	--	50.4	68.9	38.7	42.6	61.5	--
Walter Johnson	489	71	29	89	283	15	381	64	12	58	237	9	77.9	90.1	41.4	65.2	83.7	60.0
Kennedy	342	30	153	117	28	13	166	24	68	47	18	8	48.5	80.0	44.4	40.2	64.3	61.5
Magruder	409	72	61	95	174	5	245	52	17	43	130	--	59.9	72.2	27.9	45.3	74.7	--
R. Montgomery	471	121	85	74	179	11	338	99	42	39	146	11	71.8	81.8	49.4	52.7	81.6	100.0
Northwest	486	78	142	100	147	18	301	69	61	58	101	11	61.9	88.5	43.0	58.0	68.7	61.1
Northwood	285	21	92	93	68	9	194	14	59	57	53	9	68.1	66.7	64.1	61.3	77.9	100.0
Paint Branch	434	84	206	47	78	16	251	64	98	25	52	11	57.8	76.2	47.6	53.2	66.7	68.8
Poolesville	267	56	8	17	167	18	210	55	6	13	123	12	78.7	98.2	75.0	76.5	73.7	66.7
Quince Orchard	420	52	65	85	201	15	290	46	32	38	165	9	69.0	88.5	49.2	44.7	82.1	60.0
Rockville	283	40	44	81	99	17	190	30	20	48	78	12	67.1	75.0	45.5	59.3	78.8	70.6
Seneca Valley	283	28	82	89	73	10	184	19	47	52	58	8	65.0	67.9	57.3	58.4	79.5	80.0
Sherwood	505	49	90	64	286	15	331	31	42	33	214	11	65.5	63.3	46.7	51.6	74.8	73.3
Springbrook	393	67	160	109	49	8	206	54	69	40	36	7	52.4	80.6	43.1	36.7	73.5	87.5
Watkins Mill	353	34	120	126	48	24	185	20	42	78	32	13	52.4	58.8	35.0	61.9	66.7	54.2
Wheaton	251	36	61	128	23	2	137	29	29	64	14	--	54.6	80.6	47.5	50.0	60.9	--
Whitman	461	50	17	35	347	12	386	47	9	30	289	11	83.7	94.0	52.9	85.7	83.3	91.7
Wootton	599	194	29	40	315	20	529	185	18	28	281	16	88.3	95.4	62.1	70.0	89.2	80.0

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 graduates are included with all graduates but are not reported separately. Results are not reported (--) for groups with fewer than five AP exam takers.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A6
 Number and Percentage of Graduates in the MCPS Class of 2011 Who Took One or More
 Advanced Placement Exams by High School, Gender, and Service Group

High School	N Graduates					N Graduates Took One or More AP Exams ^a					% Graduates Took One or More AP Exams ^a				
	Male	Female	FARMS	Special Ed.	ESOL	Male	Female	FARMS	Special Ed.	ESOL	Male	Female	FARMS	Special Ed.	ESOL
MCPS ^b	5,049	5,109	2,114	927	279	3,075	3,635	948	211	115	60.9	71.1	44.8	22.8	41.2
Bethesda-CC	201	215	40	32	5	143	176	16	11	--	71.1	81.9	40.0	34.4	--
Blair	294	296	166	22	21	185	194	78	5	7	62.9	65.5	47.0	22.7	33.3
Blake	193	238	94	34	5	86	137	30	7	--	44.6	57.6	31.9	20.6	--
Churchill	236	259	17	56	0	206	239	7	30	--	87.3	92.3	41.2	53.6	--
Clarksburg	167	202	91	28	9	73	102	27	5	--	43.7	50.5	29.7	17.9	--
Damascus	171	152	34	36	0	117	106	15	12	--	68.4	69.7	44.1	33.3	--
Einstein	162	167	131	37	16	92	112	70	--	9	56.8	67.1	53.4	--	56.3
Gaithersburg	193	220	105	38	23	89	119	44	8	11	46.1	54.1	41.9	21.1	47.8
Walter Johnson	228	261	29	63	18	169	212	12	13	12	74.1	81.2	41.4	20.6	66.7
Kennedy	152	190	133	37	15	64	102	61	5	9	42.1	53.7	45.9	13.5	60.0
Magruder	198	211	93	29	8	103	142	40	--	--	52.0	67.3	43.0	--	--
R. Montgomery	225	246	72	39	11	141	197	29	5	--	62.7	80.1	40.3	12.8	--
Northwest	242	244	95	55	0	140	161	38	8	--	57.9	66.0	40.0	14.5	--
Northwood	144	141	91	33	16	91	103	62	10	10	63.2	73.0	68.1	30.3	62.5
Paint Branch	186	248	96	26	3	99	152	45	--	--	53.2	61.3	46.9	--	--
Poolesville	140	127	15	19	0	102	108	10	6	--	72.9	85.0	66.7	31.6	--
Quince Orchard	225	195	82	49	13	139	151	26	14	--	61.8	77.4	31.7	28.6	--
Rockville	143	140	77	21	8	80	110	37	9	--	55.9	78.6	48.1	42.9	--
Seneca Valley	150	133	83	29	13	84	100	47	7	--	56.0	75.2	56.6	24.1	--
Sherwood	271	234	66	30	26	153	178	28	--	9	56.5	76.1	42.4	--	34.6
Springbrook	195	198	158	31	11	94	112	60	--	--	48.2	56.6	38.0	--	--
Watkins Mill	180	173	156	52	14	79	106	65	6	6	43.9	61.3	41.7	11.5	42.9
Wheaton	148	103	139	18	20	68	69	77	--	8	45.9	67.0	55.4	--	40.0
Whitman	246	215	5	49	15	199	187	--	17	12	80.9	87.0	--	34.7	80.0
Wootton	321	278	33	46	9	273	256	21	24	--	85.0	92.1	63.6	52.2	--

Note. AP = Advanced Placement; FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results are reported separately for graduates who received FARMS, special education, and ESOL services during Grade 12. Results are not reported (--) for groups with fewer than five AP exam takers.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A7
Number and Percentage of Graduates in the MCPS Class of 2011
Who Earned One or More Advanced Placement Exam Scores of 3 or Higher by High School and Race/Ethnicity

High School	N Graduates						N Graduates Earned One or More AP Scores of 3 or Higher ^a						% Graduates Earned One or More AP Scores of 3 or Higher ^a					
	All	AS	BL	HI	WH	MU	All	AS	BL	HI	WH	MU	All	AS	BL	HI	WH	MU
MCPS ^b	10,158	1,508	2,228	2,084	3,986	323	5,041	1,002	497	775	2,589	168	49.6	66.4	22.3	37.2	65.0	52.0
Bethesda-CC	416	29	68	60	250	7	266	14	22	28	196	5	63.9	48.3	32.4	46.7	78.4	71.4
Blair	590	103	157	145	159	26	324	75	39	49	137	24	54.9	72.8	24.8	33.8	86.2	92.3
Blake	431	38	180	65	135	13	158	21	39	24	68	6	36.7	55.3	21.7	36.9	50.4	46.2
Churchill	495	112	28	34	302	18	410	98	11	27	256	17	82.8	87.5	39.3	79.4	84.8	94.4
Clarksburg	369	59	107	70	129	1	131	33	17	22	59	--	35.5	55.9	15.9	31.4	45.7	--
Damascus	323	14	21	45	234	9	147	9	7	11	115	5	45.5	64.3	33.3	24.4	49.1	55.6
Einstein	329	22	84	151	57	15	128	8	21	54	40	5	38.9	36.4	25.0	35.8	70.2	33.3
Gaithersburg	413	45	119	115	130	4	123	18	22	29	52	--	29.8	40.0	18.5	25.2	40.0	--
Walter Johnson	489	71	29	89	283	15	344	55	10	57	213	8	70.3	77.5	34.5	64.0	75.3	53.3
Kennedy	342	30	153	117	28	13	94	16	30	33	13	--	27.5	53.3	19.6	28.2	46.4	--
Magruder	409	72	61	95	174	5	198	35	12	34	115	--	48.4	48.6	19.7	35.8	66.1	--
R. Montgomery	471	121	85	74	179	11	294	88	33	33	130	9	62.4	72.7	38.8	44.6	72.6	81.8
Northwest	486	78	142	100	147	18	193	48	25	41	73	5	39.7	61.5	17.6	41.0	49.7	27.8
Northwood	285	21	92	93	68	9	104	9	16	31	42	5	36.5	42.9	17.4	33.3	61.8	55.6
Paint Branch	434	84	206	47	78	16	160	44	52	18	40	6	36.9	52.4	25.2	38.3	51.3	37.5
Poolesville	267	56	8	17	167	18	193	55	--	13	110	10	72.3	98.2	--	76.5	65.9	55.6
Quince Orchard	420	52	65	85	201	15	202	40	11	22	124	5	48.1	76.9	16.9	25.9	61.7	33.3
Rockville	283	40	44	81	99	17	111	19	5	28	53	5	39.2	47.5	11.4	34.6	53.5	29.4
Seneca Valley	283	28	82	89	73	10	93	13	18	27	32	--	32.9	46.4	22.0	30.3	43.8	--
Sherwood	505	49	90	64	286	15	246	23	22	26	165	10	48.7	46.9	24.4	40.6	57.7	66.7
Springbrook	393	67	160	109	49	8	136	37	35	26	31	7	34.6	55.2	21.9	23.9	63.3	87.5
Watkins Mill	353	34	120	126	48	24	110	15	15	50	23	7	31.2	44.1	12.5	39.7	47.9	29.2
Wheaton	251	36	61	128	23	2	70	12	9	40	9	--	27.9	33.3	14.8	31.3	39.1	--
Whitman	461	50	17	35	347	12	362	44	9	29	269	11	78.5	88.0	52.9	82.9	77.5	91.7
Wootton	599	194	29	40	315	20	439	173	12	22	221	10	73.3	89.2	41.4	55.0	70.2	50.0

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 graduates are included with all graduates but are not reported separately. Results are not reported (--) for groups with fewer than five AP exam takers who earned scores of 3 or higher.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table A8
Number and Percentage of Graduates in the MCPS Class of 2011
Who Earned One or More Advanced Placement Exam Scores of 3 or Higher by High School, Gender, and Service Group

High School	N Graduates					N Graduates Earned One or More AP Scores of 3 or Higher ^a					% Graduates Earned One or More AP Scores of 3 or Higher ^a				
	Male	Female	FARMS	Special Ed.	ESOL	Male	Female	FARMS	Special Ed.	ESOL	Male	Female	FARMS	Special Ed.	ESOL
MCPS ^b	5,049	5,109	2,114	927	279	2,328	2,713	560	121	92	46.1	53.1	26.5	13.1	33.0
Bethesda-CC	201	215	40	32	5	120	146	7	5	--	59.7	67.9	17.5	15.6	--
Blair	294	296	166	22	21	161	163	52	--	5	54.8	55.1	31.3	--	23.8
Blake	193	238	94	34	5	63	95	19	6	--	32.6	39.9	20.2	17.6	--
Churchill	236	259	17	56	0	185	225	--	25	--	78.4	86.9	--	44.6	--
Clarksburg	167	202	91	28	9	55	76	17	--	--	32.9	37.6	18.7	--	--
Damascus	171	152	34	36	0	77	70	10	--	--	45.0	46.1	29.4	--	--
Einstein	162	167	131	37	16	60	68	36	--	9	37.0	40.7	27.5	--	56.3
Gaithersburg	193	220	105	38	23	53	70	23	--	7	27.5	31.8	21.9	--	30.4
Walter Johnson	228	261	29	63	18	156	188	10	11	10	68.4	72.0	34.5	17.5	55.6
Kennedy	152	190	133	37	15	37	57	32	--	7	24.3	30.0	24.1	--	46.7
Magruder	198	211	93	29	8	83	115	30	--	--	41.9	54.5	32.3	--	--
R. Montgomery	225	246	72	39	11	127	167	23	--	--	56.4	67.9	31.9	--	--
Northwest	242	244	95	55	0	94	99	24	--	--	38.8	40.6	25.3	--	--
Northwood	144	141	91	33	16	51	53	31	5	8	35.4	37.6	34.1	15.2	50.0
Paint Branch	186	248	96	26	3	56	104	28	--	--	30.1	41.9	29.2	--	--
Poolesville	140	127	15	19	0	95	98	9	--	--	67.9	77.2	60.0	--	--
Quince Orchard	225	195	82	49	13	88	114	9	6	--	39.1	58.5	11.0	12.2	--
Rockville	143	140	77	21	8	50	61	22	--	--	35.0	43.6	28.6	--	--
Seneca Valley	150	133	83	29	13	38	55	23	--	--	25.3	41.4	27.7	--	--
Sherwood	271	234	66	30	26	118	128	18	--	7	43.5	54.7	27.3	--	26.9
Springbrook	195	198	158	31	11	62	74	37	--	--	31.8	37.4	23.4	--	--
Watkins Mill	180	173	156	52	14	48	62	38	--	--	26.7	35.8	24.4	--	--
Wheaton	148	103	139	18	20	30	40	41	--	5	20.3	38.8	29.5	--	25.0
Whitman	246	215	5	49	15	189	173	--	15	12	76.8	80.5	--	30.6	80.0
Wootton	321	278	33	46	9	229	210	15	9	--	71.3	75.5	45.5	19.6	--

Note. AP = Advanced Placement; FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results are reported separately for graduates who received FARMS, special education, and ESOL services during Grade 12. Results are not reported (--) for groups with fewer than five AP exam takers who earned scores of 3 or higher.

^aAP exam results reflect all scores received by September 2011, including those not reported in prior years.

^bIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table B1
AP Exam and/or IB Exam Participation and Performance and the Attainment of Key 6 for the
MCPS Class of 2011 by Demographic Group

Demographic Group	N Graduates	Graduates Took One or More AP Exams ^a		Graduates Earned One or More AP Scores of 3 or Higher ^a		Graduates Took One or More IB Exams ^a		Graduates Earned One or More IB Scores of 4 or Higher ^a		Graduates Took One or More AP/IB Exams ^a		Graduates Met Key 6 ^b	
		N	%	N	%	N	%	N	%	N	%	N	%
MCPS ^c	10,158	6,710	66.1	5,041	49.6	566	5.6	516	5.1	6,742	66.4	5,112	50.3
Male	5,049	3,075	60.9	2,328	46.1	221	4.4	202	4.0	3,086	61.1	2,349	46.5
Female	5,109	3,635	71.1	2,713	53.1	345	6.8	314	6.1	3,656	71.6	2,763	54.1
Asian	1,508	1,237	82.0	1,002	66.4	100	6.6	96	6.4	1,241	82.3	1,011	67.0
Male	780	609	78.1	497	63.7	43	5.5	40	5.1	610	78.2	498	63.8
Female	728	628	86.3	505	69.4	57	7.8	56	7.7	631	86.7	513	70.5
Black or African American	2,228	991	44.5	497	22.3	75	3.4	61	2.7	1,002	45.0	516	23.2
Male	1,071	398	37.2	196	18.3	22	2.1	17	1.6	403	37.6	201	18.8
Female	1,157	593	51.3	301	26.0	53	4.6	44	3.8	599	51.8	315	27.2
Hispanic/Latino	2,084	1,105	53.0	775	37.2	109	5.2	89	4.3	1,113	53.4	794	38.1
Male	1,019	471	46.2	324	31.8	38	3.7	31	3.0	473	46.4	331	32.5
Female	1,065	634	59.5	451	42.3	71	6.7	58	5.4	640	60.1	463	43.5
White	3,986	3,127	78.4	2,589	65.0	261	6.5	251	6.3	3,135	78.7	2,607	65.4
Male	2,018	1,492	73.9	1,235	61.2	113	5.6	110	5.5	1,495	74.1	1,242	61.5
Female	1,968	1,635	83.1	1,354	68.8	148	7.5	141	7.2	1,640	83.3	1,365	69.4
Two or More Races	323	236	73.1	168	52.0	19	5.9	17	5.3	237	73.4	174	53.9
Male	144	99	68.8	72	50.0	5	3.5	4	2.8	99	68.8	73	50.7
Female	179	137	76.5	96	53.6	14	7.8	13	7.3	138	77.1	101	56.4
FARMS	2,114	948	44.8	560	26.5	80	3.8	55	2.6	959	45.4	577	27.3
Special Education	927	211	22.8	121	13.1	5	0.5	--	--	211	22.8	121	13.1
ESOL	279	115	41.2	92	33.0	--	--	--	--	116	41.6	93	33.3

Note. AP = Advanced Placement; FARMS = Free and Reduced-price Meals System; ESOL = English for Speakers of Other Languages. Results for MCPS American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander graduates are included with all graduates but are not reported separately. Results are reported separately for graduates who received FARMS, special education, and ESOL services during Grade 12. Results are not reported (--) for groups with fewer than five IB exam takers in the categories.

^aAP or IB exam results reflect all scores received by September 2011, including those not reported in prior years.

^bKey 6 is met by attaining at least an AP exam score of 3 or higher or at least an IB exam score of 4 or higher.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

Table B2
AP Exam and/or IB Exam Participation and Performance and the Attainment of Key 6 for the
MCPS Class of 2011 by High School

High School	N Graduates	Graduates Took One or More AP Exams ^a		Graduates Earned One or More AP Scores of 3 or Higher ^a		Graduates Took One or More IB Exams ^a		Graduates Earned One or More IB Scores of 4 or Higher ^a		Graduates Took One or More AP/IB Exams ^a		Graduates Met Key 6 ^b	
		N	%	N	%	N	%	N	%	N	%	N	%
		MCPS ^c	10,158	6,710	66.1	5,041	49.6	566	5.6	516	5.1	6,742	66.4
Bethesda-Chevy Chase ^d	416	319	76.7	266	63.9	192	46.2	182	43.8	331	79.6	291	70.0
Montgomery Blair	590	379	64.2	324	54.9	--	--	--	--	379	64.2	324	54.9
James Hubert Blake	431	223	51.7	158	36.7	--	--	--	--	223	51.7	158	36.7
Winston Churchill	495	445	89.9	410	82.8	--	--	--	--	445	89.9	410	82.8
Clarksburg	369	175	47.4	131	35.5	--	--	--	--	175	47.4	131	35.5
Damascus	323	223	69.0	147	45.5	--	--	--	--	223	69.0	147	45.5
Albert Einstein ^d	329	204	62.0	128	38.9	72	21.9	57	17.3	207	62.9	132	40.1
Gaithersburg	413	208	50.4	123	29.8	--	--	--	--	209	50.6	123	29.8
Walter Johnson	489	381	77.9	344	70.3	--	--	--	--	381	77.9	344	70.3
John F. Kennedy	342	166	48.5	94	27.5	--	--	--	--	166	48.5	94	27.5
Col. Zadok Magruder	409	245	59.9	198	48.4	--	--	--	--	245	59.9	198	48.4
Richard Montgomery ^d	471	338	71.8	294	62.4	141	29.9	139	29.5	340	72.2	297	63.1
Northwest	486	301	61.9	193	39.7	--	--	--	--	301	61.9	193	39.7
Northwood	285	194	68.1	104	36.5	--	--	--	--	194	68.1	104	36.5
Paint Branch	434	251	57.8	160	36.9	--	--	--	--	251	57.8	160	36.9
Poolesville	267	210	78.7	193	72.3	--	--	--	--	210	78.7	193	72.3
Quince Orchard	420	290	69.0	202	48.1	--	--	--	--	290	69.0	202	48.1
Rockville ^d	283	190	67.1	111	39.2	36	12.7	36	12.7	190	67.1	121	42.8
Seneca Valley	283	184	65.0	93	32.9	--	--	--	--	184	65.0	93	32.9
Sherwood	505	331	65.5	246	48.7	--	--	--	--	331	65.5	246	48.7
Springbrook ^d	393	206	52.4	136	34.6	49	12.5	40	10.2	208	52.9	141	35.9
Watkins Mill ^d	353	185	52.4	110	31.2	75	21.2	62	17.6	197	55.8	134	38.0
Wheaton	251	137	54.6	70	27.9	--	--	--	--	137	54.6	70	27.9
Walt Whitman	461	386	83.7	362	78.5	--	--	--	--	386	83.7	362	78.5
Thomas S. Wootton	599	529	88.3	439	73.3	--	--	--	--	529	88.3	439	73.3

Note. AP = Advanced Placement. Results are not reported (--) for groups with fewer than five IB exam takers in the categories.

^aAP or IB exam results reflect all scores received by September 2011, including those not reported in prior years.

^bKey 6 is met by attaining at least an AP exam score of 3 or higher or at least an IB exam score of 4 or higher.

^cIncludes graduates enrolled in special schools during Grade 12 as well as students who graduated from a MCPS high school during their graduation year.

^dSchools have graduates participating in IB exams.