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INFORMATION

Office of Shared Accountability
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

January 18, 2018

MEMORANDUM

To: High School Principals

From: Janet S. Wilson, Associate Superintendent

Subject: INFORMATION: 2017 Advanced Placement and International Baccalaureate Course Enrollment and Exam Participation and Performance

This memorandum provides you the information related to Advanced Placement (AP) and International Baccalaureate (IB) courses enrollment and exam participation and performance in the 2016–2017 school year. Furthermore, AP/IB exam participation and performance of Montgomery County Public Schools (MCPS) students is benchmarked with the results of public school students in Maryland and the nation.

Advanced Placement and International Baccalaureate Course Enrollment in MCPS

MCPS is committed to ensuring students' access and opportunities to advanced-level courses. AP and IB courses serve as key components for a rigorous instructional program as well as a foretaste for college-level courses. Students who take AP or IB courses may participate in exams related to the course content. An AP exam score of 3 or higher or an IB exam score of 4 or higher is considered college ready. In 2017, all 25 MCPS comprehensive high schools offered AP courses and 8 schools provided IB programs (Table A1 in the Attachment). Of all 25 high schools, 13 schools offered 30 or more AP/IB courses. Richard Montgomery (68), Bethesda-Chevy Chase (60), and Springbrook (54) high schools were the three high schools offering the most AP/IB courses.

Districtwide, nearly half of MCPS high school students enrolled in at least one AP or IB course in 2017 (Figure 1). In the past three years, AP/IB course enrollment increased 2.3 percentage points. Given the number of AP/IB course offerings differ by high school, it is prudent to compare the AP/IB course enrollment across schools with caution. The details of AP/IB course enrollment in each high school can be found in Table A2 in the Attachment.

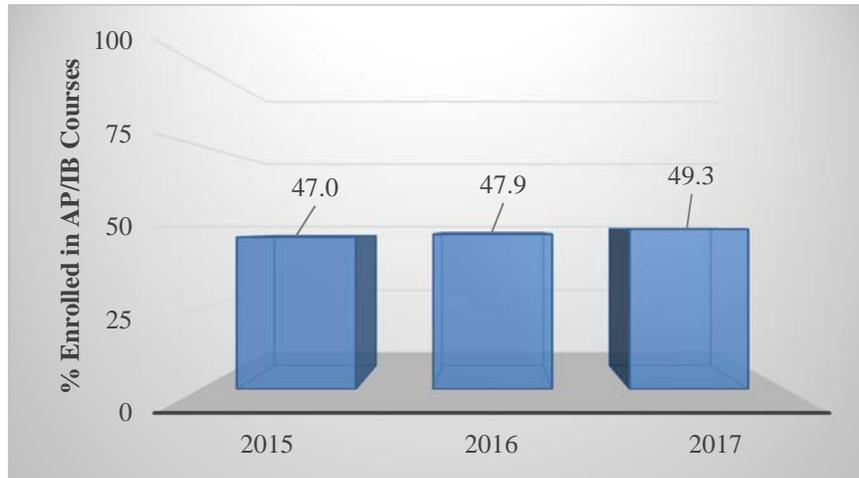


Figure 1. Percentage of MCPS High School Students Enrolled in at Least One Advanced Placement/International Baccalaureate Course from 2015 to 2017

In 2017, less than 45.0 percent of male students in MCPS high schools enrolled in at least one AP/IB course, while approximately 55.0 percent of female students enrolled in one or more courses (Table 1). Among racial/ethnic groups, 69.0 percent of Asian, 63.5 percent of White, and 58.0 percent of Two or More Races students enrolled in one or more AP/IB courses, whereas the AP/IB course enrollment rates for Black or African American and Hispanic/Latino students were lower with enrollment rates of 38.4 and 31.3 percent, respectively. Approximately 29 percent of high school students who received Free and Reduced-price Meals System (FARMS) services enrolled in at least one AP/IB course. The AP/IB course enrollment rates were less than 15 percent for those receiving Special Education (12.5 percent) and Limited English Proficiency (LEP) services (14.3 percent). From 2015 to 2017, nearly all student groups demonstrated increases in enrollment in AP/IB courses; Black or African American and Two or More Races students’ enrollment increased nearly 5.0 percentage points, while enrollment in AP/IB courses remained steady (0.9 percentage point decrease) for students receiving LEP services.

Table 1. Percentage of MCPS High School Students Enrolled in at Least One Advanced Placement or International Baccalaureate Course in 2015 and 2017 by Gender, Race/Ethnicity, and Services			
	% Enrolled in AP/IB Courses		3-year Rate Change
	2015	2017	
Male	42.4	44.2	1.8 ↑
Female	51.8	54.7	2.9 ↑
Asian	65.7	69.0	3.4 ↑
Black or African American	33.6	38.4	4.7 ↑
Hispanic/Latino	30.3	31.3	1.0 ↑
White	60.7	63.5	2.8 ↑
Two or More Races	53.1	58.0	4.9 ↑
Free and Reduced-price Meals System	26.1	28.7	2.7 ↑
Special Education	10.4	12.5	2.1 ↑
Limited English Proficiency	15.2	14.3	-0.9 ↓

Advanced Placement Exam Participation and Performance: MCPS, Maryland, and the Nation

The continued emphasis on rigorous course-taking resulted in 36,463 AP exams taken by MCPS students in 2017 (see Table B1 in the Attachment). The number of AP exams taken by MCPS students in 2017 accounted for 33.1 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 38.5 percent of all those in Maryland.

The percentage of AP exams taken by MCPS students who attained scores of 3 or higher (73.4 percent) was 10.3 and 17.3 percentage points greater than those for public school students in the state of Maryland (63.1 percent) and the nation (56.1 percent), respectively (Figure 2).

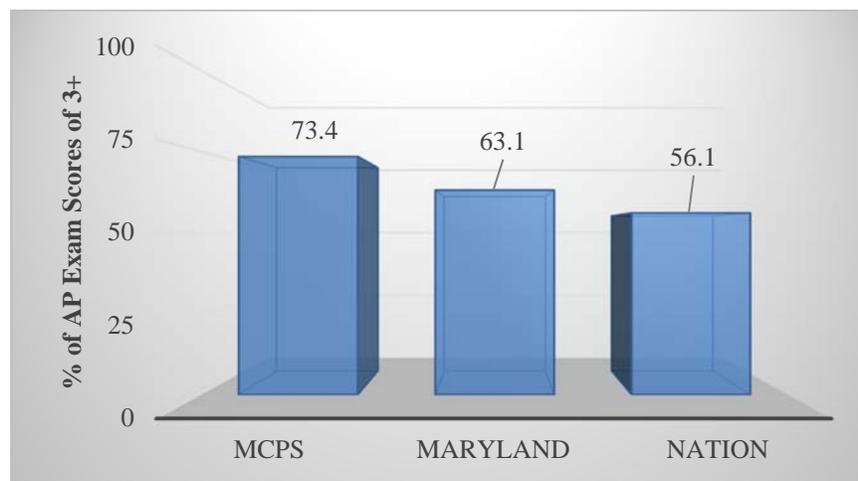


Figure 2. Percentage of Advanced Placement Exams with a Score of 3 or Higher Taken by Public School Students in MCPS, Maryland, and the Nation in 2017

MCPS students of all racial/ethnic groups exceeded the percentage of AP exams with scores of 3 or higher compared with the public school students in the state of Maryland and the nation. Particularly noteworthy was the percentage of AP exams taken by MCPS Black or African American students earning scores of 3 or higher (49.6 percent), which was 14.8 and 21.2 percentage points greater than those in the state (34.8 percent) and the nation (28.4 percent), respectively (Table 2).

Table 2. Percentage of Advanced Placement Exams with a Score of 3 or Higher Taken by Public School Students in MCPS, Maryland, and the Nation in 2017 by Race/Ethnicity

	% AP Exams 3 or Higher		
	MCPS	Maryland	Nation
Asian	79.1	74.6	69.1
Black or African American	49.6	34.8	28.4
Hispanic/Latino	58.5	54.4	40.9
White	80.7	69.7	63.2
Two or More Races	78.1	62.6	58.1

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2017.

Advanced Placement Exam Participation and Performance Trends: MCPS, Maryland, and the Nation

From 2015 to 2017, the number of AP exams taken by MCPS students increased by 2,909 tests (Table 3). A similar upward trend was observed in Maryland and the nation. Likewise, the number of AP exams taken by each racial/ethnic group in MCPS and the nation increased. In Maryland, the number of AP exams taken by Asian (843 more tests) and Hispanic/Latino (3,241 more tests) public school students increased; however, the number of exams taken by Black or African American (803 fewer tests) and White (1,920 fewer tests) students decreased. Because AP information for Two or More Races students in Maryland and the nation was not available in 2015, the trend analysis between 2015 and 2017 cannot be provided for this student group.

The percentage of AP exams with a score of 3 or higher taken by public school students in MCPS (0.8 percentage point decrease) and the nation (0.2 percentage point increase) remained steady from 2015 to 2017, while the AP exam performance rate increased 2.0 percentage points for students in Maryland (Table 3). In MCPS, there was little change among racial/ethnic groups other than a decline for Black or African American and Two or More Races. In Maryland, the percentage of AP exam performance trended upward for all racial/ethnic groups; however, the increase for Maryland Black or African American (0.7 percentage point) students was close to unchanged. In the nation, the AP exam performance rate was stable for most racial/ethnic groups, while the rate for Asian students increased 1.8 percentage points.

Table 3. Differences for Number of AP Exams Taken by Public School Students in MCPS, Maryland, and the Nation and Percentage of Advanced Placement Exams with a Score of 3 or Higher from 2015 to 2017 by Race/Ethnicity

	Difference for Number of AP Exams Taken from 2015 to 2017			Difference for Percent of AP Exams with a Score of 3+ from 2015 to 2017		
	MCPS	Maryland	Nation	MCPS	Maryland	Nation
All Students	2,909	2,569	420,248	-0.8 ⬇️	2.0 ⬆️	0.2 ⬆️
Asian	1,056	843	41,279	0.4 ⬆️	1.7 ⬆️	1.8 ⬆️
Black or African American	650	-803	3,455	-2.1 ⬇️	0.7 ⬆️	-0.8 ⬆️
Hispanic/Latino	571	3,241	269,402	0.1 ⬆️	2.5 ⬆️	0.5 ⬆️
White	260	-1,920	77,693	-0.3 ⬆️	2.0 ⬆️	0.8 ⬆️
Two or More Races	366	NA	NA	-2.1 ⬇️	NA	NA

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2017. AP exam information for Two or More Races students in Maryland and the nation is not available (NA).

Advanced Placement Exam Participation and Performance: MCPS High Schools

MCPS high schools continued to support AP exam participation and performance of minority students. Between 2015 and 2017, 19 of the 25 high schools observed an increase in the number of AP exams taken by Black or African American students and 20 of the 25 high schools experienced an increase in the number of AP exams taken by Hispanic/Latino students. In 12 of the 25 high schools there was an increase in the percentage of AP exams with a score of 3 or higher taken by Black or African American students and in 9 of the 25 high schools gains in the percentage of AP exams with a score of 3 or higher taken by Hispanic/Latino students. Eight of the 25 high schools noted increases for both AP exam participation and performance for Black or African American students; of those, Poolesville High School demonstrated the greatest improvement (11.4 percentage points) in these students earning AP exam scores of 3 or higher. Eight of the 25 high schools exhibited increases for both AP exam participation and performance for Hispanic/Latino students; among these schools, Wheaton High School recorded the largest increase (15.8 percentage points) in these students earning AP exam scores of 3 or higher.

In 2017, the 20 AP exams most frequently taken by students in MCPS were: U.S. Government and Politics, English Language and Composition, World History, Psychology, English Literature and Composition, Calculus AB, U.S. History, Statistics, Calculus BC, Biology, Environmental Science, Spanish Language, Chemistry, Microeconomics, Computer Science Principles, Macroeconomics, Human Geography, Computer Science A, Physics C: Mechanics, and Physics 1 (Table C1).

At least three student groups saw gains from 2015 to 2017 in both the number of exams taken and the percentage of AP exam scores of 3 or higher in Physics C, Macroeconomics, Microeconomics, U.S. History, World History, Computer Science A, and Spanish Language. The number of exams taken and the percentage of AP exam scores of 3 or higher increased in Microeconomics, World History, Computer Science A, and Spanish Language for Black or African American students. Among Hispanic/Latino students, the number of AP exams taken and the percentage of AP exam scores of 3 or higher improved in English Language and Composition, Calculus AB, Biology, Chemistry, Microeconomics, U.S. History, and World History. Computer Science Principles was not included in the trend analysis because it was a new test offered in 2017.

International Baccalaureate Exam Participation and Performance Trends: MCPS

In addition to AP courses, MCPS offers IB programs at eight high schools. The number of IB exams taken by MCPS students increased from 3,066 in 2015 to 3,770 in 2017, corresponding to a 23-percent increase (Table 4). The same upward trend was evidenced among all racial/ethnic groups. The number of IB exams taken by Black or African American and Hispanic/Latino students increased by 225 and 264 tests, respectively. The percentage of IB exams with scores of 4 or higher taken by MCPS students decreased 3.0 percentage points

in the last three years. The trend of IB performance varied by racial/ethnic groups. Among the racial/ethnic groups, the percentage of IB exams with a score of 4 or higher taken by White students noted the largest increase (4.2 percentage points), while the rate for Hispanic/Latino students saw the greatest decline (7.0 percentage points).

Table 4. Number of International Baccalaureate Exams Taken by MCPS Students and Percentage of International Baccalaureate Exam Scores of 4 or Higher in 2015 and 2017 by Race/Ethnicity						
	N IB Exam Taken			% IB Exams 4 or Higher		
	2015	2017	Difference	2015	2017	Difference
All Students	3,066	3,770	704	77.2	74.2	-3.0 ↓
Asian	689	802	113	85.1	80.9	-4.1 ↓
Black or African American	509	734	225	56.4	52.0	-4.3 ↓
Hispanic/Latino	480	744	264	70.6	63.6	-7.0 ↓
White	1,218	1,270	52	84.2	88.3	4.2 ↑
Two or More Races	165	217	52	77.0	78.3	1.4 ↑

Note. IB = International Baccalaureate. 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. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017.

The positive trends in AP and IB exam participation and performance provide evidence of MCPS' continuing efforts to engage students in challenging and college-level contents for students of all races/ethnicities and to prepare them for college readiness. The attached tables include additional AP and IB exam information. Appendix A details the AP/IB course offering and course enrollment by high school and student group. Appendix B provides data on AP exam participation and performance among groups of students enrolled in MCPS schools, and public school students in Maryland and the nation. Appendix C describes the 20 most popular AP exams taken by MCPS students. Appendix D delineates information of IB exam participation and performance in MCPS.

If you have any questions about AP/IB course enrollment and exam participation and performance data, please contact Dr. Kecia L. Addison, supervisor, Applied Research Unit, Office of Shared Accountability, at 301-279-3194 or via e-mail.

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Henry R. Johnson, Jr., Chief of Staff

Appendix A

Table A1. Number of Advanced Placement and International Baccalaureate Courses Offered from 2015 to 2017 by High School

High School	Number of AP Courses Offered			Number of IB Courses Offered			Number of AP/IB Courses Offered		
	2015	2016	2017	2015	2016	2017	2015	2016	2017
Bethesda-Chevy Chase	24	24	23	37	37	37	61	61	60
Montgomery Blair	27	28	28	0	0	0	27	28	28
James Hubert Blake	25	27	29	0	0	0	25	27	29
Winston Churchill	28	30	32	0	0	0	28	30	32
Clarksburg	23	23	28	0	0	0	23	23	28
Damascus	23	22	26	0	0	0	23	22	26
Albert Einstein	20	22	20	25	26	28	45	48	48
Gaithersburg	25	24	25	0	0	0	25	24	25
Walter Johnson	37	37	36	0	0	0	37	37	36
John F. Kennedy	15	13	14	28	26	32	43	39	46
Col. Zadok Magruder	25	24	24	0	0	0	25	24	24
Richard Montgomery	24	26	25	40	41	43	64	67	68
Northwest	24	26	26	0	0	0	24	26	26
Northwood	21	20	21	0	0	0	21	20	21
Paint Branch	20	19	19	0	0	0	20	19	19
Poolesville	26	27	28	0	0	0	26	27	28
Quince Orchard	31	30	33	0	0	0	31	30	33
Rockville	20	18	21	25	26	25	45	44	46
Seneca Valley	11	9	11	31	30	33	42	39	44
Sherwood	27	25	28	0	0	0	27	25	28
Springbrook	18	18	20	30	32	34	48	50	54
Watkins Mill	12	11	9	29	32	32	41	43	41
Wheaton	21	19	20	0	0	0	21	19	20
Walt Whitman	32	33	35	0	0	0	32	33	35
Thomas S. Wootton	30	33	33	0	0	0	30	33	33

Note. AP = Advanced Placement; IB = International Baccalaureate.

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course				
	2015	2016	2017	2015	2016	2017	2015	2016	2017		
MCPS	All Students	45,210	46,249	47,675	21,243	22,146	23,487	47.0	47.9	49.3	
	Male	23,168	23,755	24,635	9,826	10,211	10,884	42.4	43.0	44.2	
	Female	22,042	22,494	23,040	11,417	11,935	12,603	51.8	53.1	54.7	
	Asian	6,517	6,658	6,937	4,279	4,387	4,788	65.7	65.9	69.0	
	Black or African American	10,122	10,162	10,246	3,406	3,632	3,934	33.6	35.7	38.4	
	Hispanic/Latino	11,933	12,731	13,860	3,616	3,908	4,338	30.3	30.7	31.3	
	White	14,688	14,655	14,550	8,919	9,107	9,241	60.7	62.1	63.5	
	Two or More Races	1,864	1,960	1,994	989	1,082	1,156	53.1	55.2	58.0	
	FARMS	13,586	13,817	14,588	3,541	3,715	4,191	26.1	26.9	28.7	
	Special Education	4,982	5,176	5,082	520	588	637	10.4	11.4	12.5	
	Limited English Proficiency	4,822	5,806	6,729	732	823	959	15.2	14.2	14.3	
	Bethesda-Chevy Chase	All Students	1,962	2,034	2,076	1,174	1,229	1,260	59.8	60.4	60.7
		Male	1,014	1,048	1,082	573	600	598	56.5	57.3	55.3
Female		948	986	994	601	629	662	63.4	63.8	66.6	
Asian		110	114	103	70	72	72	63.6	63.2	69.9	
Black or African American		275	302	303	119	125	124	43.3	41.4	40.9	
Hispanic/Latino		328	360	360	140	154	150	42.7	42.8	41.7	
White		1,141	1,141	1,185	778	807	825	68.2	70.7	69.6	
Two or More Races		106	114	121	67	71	89	63.2	62.3	73.6	
FARMS		246	263	284	65	74	70	26.4	28.1	24.6	
Special Education		173	181	177	42	43	42	24.3	23.8	23.7	
Limited English Proficiency	163	184	193	41	39	24	25.2	21.2	12.4		

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Montgomery Blair	All Students	2,884	2,894	2,980	1,147	1,157	1,185	39.8	40.0	39.8
	Male	1,483	1,469	1,541	568	549	550	38.3	37.4	35.7
	Female	1,401	1,425	1,439	579	608	635	41.3	42.7	44.1
	Asian	448	444	447	267	256	253	59.6	57.7	56.6
	Black or African American	773	738	729	228	259	258	29.5	35.1	35.4
	Hispanic/Latino	896	939	1,028	165	170	192	18.4	18.1	18.7
	White	649	653	649	423	412	407	65.2	63.1	62.7
	Two or More Races	115	118	125	63	60	74	54.8	50.8	59.2
	FARMS	1,174	1,115	1,189	234	251	260	19.9	22.5	21.9
	Special Education	191	208	200	15	13	18	7.9	6.3	9.0
Limited English Proficiency	494	541	625	28	39	40	5.7	7.2	6.4	
James Hubert Blake	All Students	1,573	1,560	1,589	645	641	621	41.0	41.1	39.1
	Male	701	673	683	242	227	217	34.5	33.7	31.8
	Female	872	887	906	403	414	404	46.2	46.7	44.6
	Asian	143	143	153	87	87	77	60.8	60.8	50.3
	Black or African American	682	650	658	216	198	199	31.7	30.5	30.2
	Hispanic/Latino	332	360	395	119	122	117	35.8	33.9	29.6
	White	347	335	302	190	198	180	54.8	59.1	59.6
	Two or More Races	66	72	80	31	36	48	47.0	50.0	60.0
	FARMS	539	543	585	140	142	159	26.0	26.2	27.2
	Special Education	--	162	162	--	11	13	≤5.0	6.8	8.0
Limited English Proficiency	68	81	89	11	11	12	16.2	13.6	13.5	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Winston Churchill	All Students	1,996	2,072	2,080	1,300	1,372	1,447	65.1	66.2	69.6
	Male	1,030	1,103	1,116	617	676	739	59.9	61.3	66.2
	Female	966	969	964	683	696	708	70.7	71.8	73.4
	Asian	461	484	525	352	375	409	76.4	77.5	77.9
	Black or African American	153	169	167	68	77	90	44.4	45.6	53.9
	Hispanic/Latino	181	170	175	105	97	101	58.0	57.1	57.7
	White	1,112	1,150	1,106	719	758	776	64.7	65.9	70.2
	Two or More Races	85	98	104	55	65	71	64.7	66.3	68.3
	FARMS	97	83	86	30	27	34	30.9	32.5	39.5
	Special Education	230	261	235	41	51	58	17.8	19.5	24.7
Limited English Proficiency	--	22	38	--	3	10	35.0	13.6	26.3	
Clarksburg	All Students	1,942	2,002	2,109	822	834	915	42.3	41.7	43.4
	Male	977	1,000	1,030	363	353	357	37.2	35.3	34.7
	Female	965	1,002	1,079	459	481	558	47.6	48.0	51.7
	Asian	350	362	378	246	257	285	70.3	71.0	75.4
	Black or African American	547	558	588	170	171	186	31.1	30.6	31.6
	Hispanic/Latino	494	540	602	142	142	167	28.7	26.3	27.7
	White	466	449	450	233	224	236	50.0	49.9	52.4
	Two or More Races	84	92	89	31	40	41	36.9	43.5	46.1
	FARMS	604	640	615	140	153	157	23.2	23.9	25.5
	Special Education	187	--	--	13	--	--	7.0	≤5.0	≤5.0
Limited English Proficiency	126	184	215	14	12	28	11.1	6.5	13.0	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Damascus	All Students	1,227	1,200	1,210	527	548	628	43.0	45.7	51.9
	Male	620	594	596	247	250	264	39.8	42.1	44.3
	Female	607	606	614	280	298	364	46.1	49.2	59.3
	Asian	74	85	97	34	51	66	45.9	60.0	68.0
	Black or African American	132	125	137	43	46	61	32.6	36.8	44.5
	Hispanic/Latino	208	202	214	70	63	93	33.7	31.2	43.5
	White	753	722	698	361	360	376	47.9	49.9	53.9
	Two or More Races	54	59	58	18	26	30	33.3	44.1	51.7
	FARMS	204	186	193	51	45	67	25.0	24.2	34.7
	Special Education	163	160	164	10	14	21	6.1	8.8	12.8
Limited English Proficiency	--	--	--	--	--	--	21.4	≤5.0	17.6	
Albert Einstein	All Students	1,660	1,679	1,768	664	623	698	40.0	37.1	39.5
	Male	761	771	846	237	220	245	31.1	28.5	29.0
	Female	899	908	922	427	403	453	47.5	44.4	49.1
	Asian	181	163	172	99	78	95	54.7	47.9	55.2
	Black or African American	366	321	317	135	123	121	36.9	38.3	38.2
	Hispanic/Latino	746	801	887	198	196	241	26.5	24.5	27.2
	White	328	339	332	212	202	212	64.6	59.6	63.9
	Two or More Races	35	51	57	19	22	29	54.3	43.1	50.9
	FARMS	785	781	818	203	189	228	25.9	24.2	27.9
	Special Education	244	245	238	19	17	21	7.8	6.9	8.8
Limited English Proficiency	260	315	382	26	33	44	10.0	10.5	11.5	

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Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Gaithersburg	All Students	2,192	2,332	2,392	733	755	767	33.4	32.4	32.1
	Male	1,186	1,247	1,254	330	329	325	27.8	26.4	25.9
	Female	1,006	1,085	1,138	403	426	442	40.1	39.3	38.8
	Asian	196	188	184	106	104	97	54.1	55.3	52.7
	Black or African American	559	582	586	160	158	190	28.6	27.1	32.4
	Hispanic/Latino	950	1,090	1,182	251	284	282	26.4	26.1	23.9
	White	401	382	360	188	179	170	46.9	46.9	47.2
	Two or More Races	82	84	76	27	29	27	32.9	34.5	35.5
	FARMS	1,006	1,097	1,168	249	247	277	24.8	22.5	23.7
	Special Education	309	--	317	19	--	18	6.1	≤5.0	5.7
Limited English Proficiency	424	568	668	84	93	95	19.8	16.4	14.2	
Walter Johnson	All Students	2,252	2,283	2,372	1,332	1,350	1,399	59.1	59.1	59.0
	Male	1,160	1,182	1,230	645	662	683	55.6	56.0	55.5
	Female	1,092	1,101	1,142	687	688	716	62.9	62.5	62.7
	Asian	273	254	282	173	150	168	63.4	59.1	59.6
	Black or African American	215	220	235	83	88	110	38.6	40.0	46.8
	Hispanic/Latino	369	395	424	179	189	195	48.5	47.8	46.0
	White	1,261	1,270	1,284	806	829	829	63.9	65.3	64.6
	Two or More Races	129	136	139	88	91	94	68.2	66.9	67.6
	FARMS	187	177	194	62	62	56	33.2	35.0	28.9
	Special Education	244	257	269	46	48	56	18.9	18.7	20.8
Limited English Proficiency	199	196	222	49	44	44	24.6	22.4	19.8	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
John F. Kennedy	All Students	1,525	1,540	1,606	535	645	722	35.1	41.9	45.0
	Male	785	799	816	218	273	304	27.8	34.2	37.3
	Female	740	741	790	317	372	418	42.8	50.2	52.9
	Asian	133	116	112	77	73	71	57.9	62.9	63.4
	Black or African American	517	485	485	212	222	254	41.0	45.8	52.4
	Hispanic/Latino	766	823	897	208	295	341	27.2	35.8	38.0
	White	82	84	82	31	38	39	37.8	45.2	47.6
	Two or More Races	24	28	28	7	16	17	29.2	57.1	60.7
	FARMS	864	853	928	270	297	353	31.3	34.8	38.0
	Special Education	--	235	239	--	24	21	≤5.0	10.2	8.8
Limited English Proficiency	284	376	471	36	62	88	12.7	16.5	18.7	
Col. Zadok Magruder	All Students	1,501	1,519	1,556	558	556	580	37.2	36.6	37.3
	Male	784	801	827	264	257	269	33.7	32.1	32.5
	Female	717	718	729	294	299	311	41.0	41.6	42.7
	Asian	221	218	204	118	121	125	53.4	55.5	61.3
	Black or African American	277	276	273	65	55	58	23.5	19.9	21.2
	Hispanic/Latino	506	558	584	133	140	155	26.3	25.1	26.5
	White	438	396	421	213	211	210	48.6	53.3	49.9
	Two or More Races	56	68	73	28	27	32	50.0	39.7	43.8
	FARMS	536	537	549	110	102	122	20.5	19.0	22.2
	Special Education	--	--	175	--	--	10	≤5.0	≤5.0	5.7
Limited English Proficiency	135	190	223	20	21	32	14.8	11.1	14.3	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Richard Montgomery	All Students	2,209	2,264	2,390	1,243	1,362	1,424	56.3	60.2	59.6
	Male	1,089	1,120	1,175	562	618	627	51.6	55.2	53.4
	Female	1,120	1,144	1,215	681	744	797	60.8	65.0	65.6
	Asian	554	575	624	410	421	463	74.0	73.2	74.2
	Black or African American	363	356	401	140	167	184	38.6	46.9	45.9
	Hispanic/Latino	518	533	555	213	223	236	41.1	41.8	42.5
	White	661	675	695	415	472	465	62.8	69.9	66.9
	Two or More Races	106	118	112	62	76	73	58.5	64.4	65.2
	FARMS	485	476	530	163	165	195	33.6	34.7	36.8
	Special Education	169	166	158	23	29	30	13.6	17.5	19.0
Limited English Proficiency	247	276	286	52	57	62	21.1	20.7	21.7	
Northwest	All Students	2,099	2,258	2,331	940	1,066	1,106	44.8	47.2	47.4
	Male	1,056	1,117	1,171	414	464	493	39.2	41.5	42.1
	Female	1,043	1,141	1,160	526	602	613	50.4	52.8	52.8
	Asian	382	407	437	259	285	304	67.8	70.0	69.6
	Black or African American	577	638	630	156	200	212	27.0	31.3	33.7
	Hispanic/Latino	428	449	447	141	150	152	32.9	33.4	34.0
	White	597	644	686	334	372	383	55.9	57.8	55.8
	Two or More Races	112	118	127	48	58	53	42.9	49.2	41.7
	FARMS	587	621	608	158	171	169	26.9	27.5	27.8
	Special Education	237	250	254	18	30	25	7.6	12.0	9.8
Limited English Proficiency	59	68	79	10	13	8	16.9	19.1	10.1	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Northwood	All Students	1,581	1,612	1,704	442	506	585	28.0	31.4	34.3
	Male	781	803	836	162	215	239	20.7	26.8	28.6
	Female	800	809	868	280	291	346	35.0	36.0	39.9
	Asian	97	98	101	43	51	56	44.3	52.0	55.4
	Black or African American	393	397	420	102	132	153	26.0	33.2	36.4
	Hispanic/Latino	826	862	926	167	186	223	20.2	21.6	24.1
	White	219	215	218	114	117	136	52.1	54.4	62.4
	Two or More Races	42	38	36	16	20	17	38.1	52.6	47.2
	FARMS	829	878	941	152	180	230	18.3	20.5	24.4
	Special Education	198	206	179	13	22	19	6.6	10.7	10.6
Limited English Proficiency	376	446	538	41	44	58	10.9	9.9	10.8	
Paint Branch	All Students	1,942	1,972	1,954	765	766	778	39.4	38.8	39.8
	Male	993	1,026	1,012	354	350	352	35.6	34.1	34.8
	Female	949	946	942	411	416	426	43.3	44.0	45.2
	Asian	293	285	268	175	161	166	59.7	56.5	61.9
	Black or African American	1,057	1,090	1,100	373	389	386	35.3	35.7	35.1
	Hispanic/Latino	325	341	359	95	95	104	29.2	27.9	29.0
	White	189	182	148	91	89	85	48.1	48.9	57.4
	Two or More Races	72	67	72	28	29	32	38.9	43.3	44.4
	FARMS	719	738	706	203	195	196	28.2	26.4	27.8
	Special Education	--	--	--	--	--	--	≤5.0	≤5.0	≤5.0
Limited English Proficiency	88	104	115	13	10	14	14.8	9.6	12.2	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Poolesville	All Students	1,213	1,194	1,174	802	803	913	66.1	67.3	77.8
	Male	613	593	612	402	394	474	65.6	66.4	77.5
	Female	600	601	562	400	409	439	66.7	68.1	78.1
	Asian	315	340	353	265	273	329	84.1	80.3	93.2
	Black or African American	67	62	59	27	33	34	40.3	53.2	57.6
	Hispanic/Latino	83	96	90	43	52	56	51.8	54.2	62.2
	White	662	618	603	418	394	436	63.1	63.8	72.3
	Two or More Races	81	74	66	46	50	57	56.8	67.6	86.4
	FARMS	91	87	87	35	39	35	38.5	44.8	40.2
	Special Education	63	61	62	16	16	19	25.4	26.2	30.6
Limited English Proficiency	--	--	--	--	--	--	--	--	--	
Quince Orchard	All Students	1,891	1,921	1,962	1,071	1,090	1,121	56.6	56.7	57.1
	Male	956	967	1,002	502	518	528	52.5	53.6	52.7
	Female	935	954	960	569	572	593	60.9	60.0	61.8
	Asian	237	254	264	158	169	181	66.7	66.5	68.6
	Black or African American	284	280	268	103	119	127	36.3	42.5	47.4
	Hispanic/Latino	436	465	507	167	165	163	38.3	35.5	32.1
	White	846	839	838	596	592	595	70.4	70.6	71.0
	Two or More Races	85	82	83	45	44	54	52.9	53.7	65.1
	FARMS	481	500	534	163	163	195	33.9	32.6	36.5
	Special Education	177	167	173	35	30	33	19.8	18.0	19.1
Limited English Proficiency	199	219	254	27	32	39	13.6	14.6	15.4	

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Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Rockville	All Students	1,331	1,370	1,456	536	556	637	40.3	40.6	43.8
	Male	706	761	799	241	272	306	34.1	35.7	38.3
	Female	625	609	657	295	284	331	47.2	46.6	50.4
	Asian	147	154	177	72	80	100	49.0	51.9	56.5
	Black or African American	186	184	194	57	51	78	30.6	27.7	40.2
	Hispanic/Latino	487	545	593	123	150	170	25.3	27.5	28.7
	White	458	435	436	250	248	260	54.6	57.0	59.6
	Two or More Races	51	50	50	33	26	28	64.7	52.0	56.0
	FARMS	440	492	541	103	105	145	23.4	21.3	26.8
	Special Education	212	229	230	25	27	25	11.8	11.8	10.9
Limited English Proficiency	175	222	248	12	18	20	6.9	8.1	8.1	
Seneca Valley	All Students	1,259	1,203	1,205	460	436	458	36.5	36.2	38.0
	Male	642	603	593	192	161	181	29.9	26.7	30.5
	Female	617	600	612	268	275	277	43.4	45.8	45.3
	Asian	139	141	141	68	75	81	48.9	53.2	57.4
	Black or African American	448	426	394	134	112	113	29.9	26.3	28.7
	Hispanic/Latino	349	356	402	84	97	116	24.1	27.2	28.9
	White	262	234	217	139	130	123	53.1	55.6	56.7
	Two or More Races	56	44	47	32	21	23	57.1	47.7	48.9
	FARMS	531	494	482	121	115	121	22.8	23.3	25.1
	Special Education	166	--	--	13	--	--	7.8	≤5.0	≤5.0
Limited English Proficiency	162	186	211	14	14	25	8.6	7.5	11.8	

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Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Sherwood	All Students	1,895	1,922	1,933	998	1,029	971	52.7	53.5	50.2
	Male	953	960	990	453	472	468	47.5	49.2	47.3
	Female	942	962	943	545	557	503	57.9	57.9	53.3
	Asian	231	225	224	141	143	140	61.0	63.6	62.5
	Black or African American	342	330	325	119	122	116	34.8	37.0	35.7
	Hispanic/Latino	264	309	357	101	106	118	38.3	34.3	33.1
	White	984	982	946	598	614	556	60.8	62.5	58.8
	Two or More Races	72	74	78	38	44	40	52.8	59.5	51.3
	FARMS	344	371	371	91	99	76	26.5	26.7	20.5
	Special Education	188	198	160	23	16	18	12.2	8.1	11.3
Limited English Proficiency	203	253	285	43	42	43	21.2	16.6	15.1	
Springbrook	All Students	1,718	1,758	1,820	718	739	839	41.8	42.0	46.1
	Male	960	1,017	1,064	363	370	443	37.8	36.4	41.6
	Female	758	741	756	355	369	396	46.8	49.8	52.4
	Asian	197	198	212	124	127	151	62.9	64.1	71.2
	Black or African American	718	741	703	291	314	340	40.5	42.4	48.4
	Hispanic/Latino	609	610	698	166	156	196	27.3	25.6	28.1
	White	140	141	139	103	103	105	73.6	73.0	75.5
	Two or More Races	52	67	67	33	39	46	63.5	58.2	68.7
	FARMS	837	861	938	247	255	301	29.5	29.6	32.1
	Special Education	175	185	167	11	12	10	6.3	6.5	6.0
Limited English Proficiency	263	332	397	29	31	37	11.0	9.3	9.3	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Watkins Mill	All Students	1,489	1,544	1,615	568	686	734	38.1	44.4	45.4
	Male	797	844	901	275	326	363	34.5	38.6	40.3
	Female	692	700	714	293	360	371	42.3	51.4	52.0
	Asian	145	136	131	82	88	79	56.6	64.7	60.3
	Black or African American	497	483	506	165	192	218	33.2	39.8	43.1
	Hispanic/Latino	619	685	761	198	254	303	32.0	37.1	39.8
	White	163	167	143	96	113	93	58.9	67.7	65.0
	Two or More Races	62	71	71	26	39	41	41.9	54.9	57.7
	FARMS	843	858	930	235	292	370	27.9	34.0	39.8
	Special Education	173	202	199	13	20	25	7.5	9.9	12.6
Limited English Proficiency	278	375	446	44	72	101	15.8	19.2	22.6	
Wheaton	All Students	1,423	1,552	1,779	588	677	768	41.3	43.6	43.2
	Male	826	913	1,072	310	362	432	37.5	39.6	40.3
	Female	597	639	707	278	315	336	46.6	49.3	47.5
	Asian	146	190	218	92	126	164	63.0	66.3	75.2
	Black or African American	352	405	428	162	205	230	46.0	50.6	53.7
	Hispanic/Latino	776	792	951	237	236	257	30.5	29.8	27.0
	White	117	129	144	77	87	99	65.8	67.4	68.8
	Two or More Races	31	34	37	20	21	17	64.5	61.8	45.9
	FARMS	803	811	964	252	277	306	31.4	34.2	31.7
	Special Education	170	175	185	13	28	27	7.6	16.0	14.6
Limited English Proficiency	331	369	457	49	49	55	14.8	13.3	12.0	

Continued

Table A2. Number of High School Students Enrolled and Number and Percentage of Students who Enrolled in at Least One Advanced Placement and/or International Baccalaureate Courses in Any Subject from 2015 to 2017 by High School and Student Group

Student Group	N Students Enrolled			N Enrolled in AP/IB Course			% Enrolled in AP/IB Course			
	2015	2016	2017	2015	2016	2017	2015	2016	2017	
Walt Whitman	All Students	1,902	1,988	2,060	1,260	1,276	1,369	66.2	64.2	66.5
	Male	941	986	1,037	601	590	660	63.9	59.8	63.6
	Female	961	1,002	1,023	659	686	709	68.6	68.5	69.3
	Asian	233	268	298	151	169	201	64.8	63.1	67.4
	Black or African American	65	66	77	27	22	30	41.5	33.3	39.0
	Hispanic/Latino	179	186	194	95	101	115	53.1	54.3	59.3
	White	1,317	1,363	1,389	908	905	956	68.9	66.4	68.8
	Two or More Races	105	98	94	78	76	64	74.3	77.6	68.1
	FARMS	44	50	44	11	17	12	25.0	34.0	27.3
	Special Education	192	191	194	53	55	56	27.6	28.8	28.9
Limited English Proficiency	148	162	149	50	55	50	33.8	34.0	33.6	
Thomas S. Wootton	All Students	2,199	2,215	2,187	1,405	1,428	1,536	63.9	64.5	70.2
	Male	1,126	1,112	1,101	684	695	751	60.7	62.5	68.2
	Female	1,073	1,103	1,086	721	733	785	67.2	66.5	72.3
	Asian	790	788	802	610	595	652	77.2	75.5	81.3
	Black or African American	152	147	134	49	48	57	32.2	32.7	42.5
	Hispanic/Latino	164	165	165	72	82	88	43.9	49.7	53.3
	White	1,008	1,022	994	622	644	678	61.7	63.0	68.2
	Two or More Races	83	90	89	50	56	59	60.2	62.2	66.3
	FARMS	133	138	119	50	48	49	37.6	34.8	41.2
	Special Education	150	156	145	26	28	32	17.3	17.9	22.1
Limited English Proficiency	83	100	87	27	28	24	32.5	28.0	27.6	

Note. AP = Advanced Placement; IB = International Baccalaureate. Students who enrolled in any semester 1 and/or semester 2 AP/IB courses, regardless of subjects, is considered as enrollment in AP/IB courses. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size.

Appendix B

Table B1. 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

Student Group	AP Exam Year	MCPS			Maryland (Public Schools) ^a			Nation (Public Schools) ^a		
		<i>N</i> AP Exams Taken	<i>N</i> AP Exams 3 or Higher	% AP Exams 3 or Higher	<i>N</i> AP Exams Taken	<i>N</i> AP Exams 3 or Higher	% AP Exams 3 or Higher	<i>N</i> AP Exams Taken	<i>N</i> AP Exams 3 or Higher	% AP Exams 3 or Higher
All Students	2016	34,760	25,742	74.1	108,392	67,277	62.1	4,018,016	2,250,668	56.0
	2017	36,463	26,780	73.4	110,286	69,585	63.1	4,246,893	2,383,825	56.1
Asian	2016	8,718	6,905	79.2	17,381	12,932	74.4	572,139	392,843	68.7
	2017	9,668	7,651	79.1	18,594	13,865	74.6	617,706	426,697	69.1
Black or African American	2016	4,102	2,056	50.1	16,211	5,541	34.2	268,799	75,471	28.1
	2017	4,427	2,196	49.6	16,659	5,803	34.8	283,581	80,442	28.4
Hispanic/Latino	2016	4,296	2,577	60.0	10,559	5,664	53.6	889,130	365,097	41.1
	2017	4,802	2,811	58.5	11,422	6,208	54.4	968,824	395,810	40.9
White	2016	15,825	12,755	80.6	56,688	38,654	68.2	2,048,363	1,288,609	62.9
	2017	15,635	12,613	80.7	55,246	38,510	69.7	2,112,243	1,335,226	63.2
Two or More Races	2016	1,777	1,423	80.1	5,575	3,408	61.1	167,347	94,973	48.2
	2017	1,883	1,470	78.1	5,971	3,739	62.6	187,530	108,914	58.1

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results for MCPS are reported for MCPS-verified students who received scores as of September of each reporting year.

^a “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 2017 exam data reported by the College Board.

Table B2a. Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement Exam Scores of 3 or Higher in 2016 and 2017 by High School and Race/Ethnicity

High School	All Students						Asian						Black or African American					
	N		N		%		N		N		%		N		N		%	
	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher									
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
All Students	34,760	36,463	25,742	26,780	74.1	73.4	8,718	9,668	6,905	7,651	79.2	79.1	4,102	4,427	2,056	2,196	50.1	49.6
Bethesda-Chevy Chase	1,854	1,892	1,488	1,522	80.3	80.4	109	111	91	91	83.5	82.0	132	136	54	66	40.9	48.5
Montgomery Blair	2,114	2,177	1,843	1,878	87.2	86.3	655	697	613	640	93.6	91.8	306	303	193	184	63.1	60.7
James Hubert Blake	1,051	1,016	695	649	66.1	63.9	191	168	134	101	70.2	60.1	286	290	142	142	49.7	49.0
Winston Churchill	3,034	2,952	2,566	2,518	84.6	85.3	924	1,004	798	902	86.4	89.8	135	143	97	96	71.9	67.1
Clarksburg	1,178	1,209	807	836	68.5	69.1	448	499	327	353	73.0	70.7	198	214	116	117	58.6	54.7
Damascus	893	1,015	583	632	65.3	62.3	87	132	56	88	64.4	66.7	72	85	39	43	54.2	50.6
Albert Einstein	928	1,019	623	631	67.1	61.9	117	165	74	99	63.2	60.0	165	154	81	71	49.1	46.1
Gaithersburg	599	688	300	404	50.1	58.7	102	108	50	61	49.0	56.5	112	140	45	68	40.2	48.6
Walter Johnson	2,429	2,501	2,075	2,178	85.4	87.1	323	337	277	287	85.8	85.2	122	134	86	94	70.5	70.1
John F. Kennedy	379	376	143	136	37.7	36.2	59	58	24	20	40.7	34.5	125	109	36	30	28.8	27.5
Col. Zadok Magruder	807	779	536	547	66.4	70.2	224	228	156	162	69.6	71.1	77	62	36	35	46.8	56.5
Richard Montgomery	2,277	2,518	1,882	2,011	82.7	79.9	859	970	723	830	84.2	85.6	181	224	134	151	74.0	67.4
Northwest	1,895	2,055	1,182	1,273	62.4	61.9	590	630	406	434	68.8	68.9	275	332	120	139	43.6	41.9
Northwood	712	834	287	367	40.3	44.0	89	91	43	43	48.3	47.3	181	214	45	60	24.9	28.0
Paint Branch	1,006	1,081	627	636	62.3	58.8	289	298	188	176	65.1	59.1	433	481	250	270	57.7	56.1
Poolesville	1,961	2,109	1,701	1,850	86.7	87.7	837	952	757	861	90.4	90.4	71	88	55	76	77.5	86.4
Quince Orchard	2,157	2,285	1,305	1,306	60.5	57.2	404	409	266	267	65.8	65.3	191	223	70	75	36.6	33.6
Rockville	603	745	372	409	61.7	54.9	67	142	31	70	46.3	49.3	51	78	27	31	52.9	39.7
Seneca Valley	174	146	84	79	48.3	54.1	39	39	21	25	53.8	64.1	28	25	11	11	39.3	44.0
Sherwood	1,643	1,346	1,170	1,079	71.2	80.2	285	225	200	179	70.2	79.6	163	90	93	59	57.1	65.6
Springbrook	897	1,087	422	414	47.0	38.1	200	254	97	95	48.5	37.4	340	397	121	116	35.6	29.2
Watkins Mill	337	270	120	92	35.6	34.1	54	47	23	20	42.6	42.6	84	66	14	15	16.7	22.7
Wheaton	969	1,091	548	667	56.6	61.1	238	285	153	193	64.3	67.7	289	333	128	165	44.3	49.5
Walt Whitman	2,324	2,516	2,074	2,218	89.2	88.2	340	430	296	389	87.1	90.5	32	44	23	33	71.9	75.0
Thomas S. Wootton	2,534	2,743	2,308	2,448	91.1	89.2	1,188	1,386	1,101	1,265	92.7	91.3	53	62	40	49	75.5	79.0

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥ 95.0 or ≤ 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 B2b. Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement Exam Scores of 3 or Higher in 2016 and 2017 by High School and Race/Ethnicity

High School	Hispanic/Latino						White						Two or More Races					
	N AP Exams Taken		N Exams 3 or Higher		% Exams 3 or Higher		N AP Exams Taken		N Exams 3 or Higher		% Exams 3 or Higher		N AP Exams Taken		N Exams 3 or Higher		% Exams 3 or Higher	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
All Students	4,296	4,802	2,577	2,811	60.0	58.5	15,825	15,635	12,755	12,613	80.6	80.7	1,777	1,883	1,423	1,470	80.1	78.1
Bethesda-Chevy Chase	190	192	147	136	77.4	70.8	1,311	1,318	1,097	1,110	83.7	84.2	112	135	99	119	88.4	88.1
Montgomery Blair	185	193	139	138	75.1	71.5	838	833	775	778	92.5	93.4	130	149	123	136	94.6	91.3
James Hubert Blake	160	159	95	93	59.4	58.5	348	320	274	249	78.7	77.8	66	79	50	64	75.8	81.0
Winston Churchill	197	185	162	143	82.2	77.3	1,626	1,465	1,370	1,240	84.3	84.6	152	155	139	137	91.4	88.4
Clarksburg	138	125	73	81	52.9	64.8	346	321	261	251	75.4	78.2	48	50	30	34	62.5	68.0
Damascus	97	136	59	70	60.8	51.5	610	608	410	398	67.2	65.5	21	48	13	27	61.9	56.3
Albert Einstein	255	305	142	148	55.7	48.5	350	357	298	287	85.1	80.4	37	38	27	26	73.0	68.4
Gaithersburg	189	215	98	132	51.9	61.4	181	198	99	124	54.7	62.6	--	27	--	19	57.1	70.4
Walter Johnson	304	318	229	265	75.3	83.3	1,527	1,522	1,355	1,358	88.7	89.2	153	188	128	172	83.7	91.5
John F. Kennedy	155	181	56	72	36.1	39.8	33	--	24	--	72.7	55.0	--	--	--	--	--	--
Col. Zadok Magruder	145	163	91	106	62.8	65.0	318	283	221	219	69.5	77.4	40	43	29	25	72.5	58.1
Richard Montgomery	260	287	191	189	73.5	65.9	837	898	715	730	85.4	81.3	133	131	114	105	85.7	80.2
Northwest	203	255	98	113	48.3	44.3	717	735	485	511	67.6	69.5	109	101	73	76	67.0	75.2
Northwood	233	287	78	109	33.5	38.0	178	217	110	145	61.8	66.8	31	25	11	10	35.5	40.0
Paint Branch	103	121	60	64	58.3	52.9	130	127	94	89	72.3	70.1	46	48	33	33	71.7	68.8
Poolesville	119	135	95	119	79.8	88.1	805	811	682	687	84.7	84.7	126	123	111	107	88.1	87.0
Quince Orchard	277	289	133	124	48.0	42.9	1,199	1,254	780	786	65.1	62.7	85	109	56	53	65.9	48.6
Rockville	150	180	72	70	48.0	38.9	304	302	218	207	71.7	68.5	29	42	22	30	75.9	71.4
Seneca Valley	24	25	5	6	20.8	24.0	71	49	40	32	56.3	65.3	--	--	--	--	58.3	--
Sherwood	117	144	86	115	73.5	79.9	1,008	832	735	683	72.9	82.1	70	54	56	42	80.0	77.8
Springbrook	158	233	72	88	45.6	37.8	138	148	95	91	68.8	61.5	61	54	37	24	60.7	44.4
Watkins Mill	107	85	37	26	34.6	30.6	71	53	39	28	54.9	52.8	21	--	7	--	33.3	15.8
Wheaton	262	265	128	141	48.9	53.2	142	171	112	139	78.9	81.3	36	35	27	27	75.0	77.1
Walt Whitman	155	205	134	167	86.5	81.5	1,666	1,711	1,503	1,513	90.2	88.4	125	116	113	108	90.4	93.1
Thomas S. Wootton	113	117	97	96	85.8	82.1	1,066	1,074	962	947	90.2	88.2	113	98	107	85	94.7	86.7

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥ 95.0 or ≤ 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 B3a. 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 2016 and 2017 by High School and Race/Ethnicity

High School	All Students						Asian						Black or African American					
	N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher		N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher		N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
All Students	17,569	18,468	13,323	13,894	75.8	75.2	3,852	4,270	3,110	3,469	80.7	81.2	2,453	2,549	1,328	1,365	54.1	53.6
Bethesda-Chevy Chase	944	957	794	794	84.1	83.0	52	56	46	48	88.5	85.7	79	74	37	44	46.8	59.5
Montgomery Blair	910	940	800	817	87.9	86.9	224	239	210	220	93.8	92.1	170	168	113	109	66.5	64.9
James Hubert Blake	542	508	384	362	70.8	71.3	80	73	65	53	81.3	72.6	163	161	91	96	55.8	59.6
Winston Churchill	1,292	1,356	1,118	1,139	86.5	84.0	366	397	329	351	89.9	88.4	63	83	52	55	82.5	66.3
Clarksburg	645	682	465	501	72.1	73.5	227	246	168	190	74.0	77.2	114	120	72	74	63.2	61.7
Damascus	460	537	330	361	71.7	67.2	45	63	35	40	77.8	63.5	38	48	21	29	55.3	60.4
Albert Einstein	501	565	370	390	73.9	69.0	62	83	45	58	72.6	69.9	96	89	51	48	53.1	53.9
Gaithersburg	409	432	232	277	56.7	64.1	64	59	35	36	54.7	61.0	76	95	34	49	44.7	51.6
Walter Johnson	1,178	1,200	1,035	1,066	87.9	88.8	133	147	114	130	85.7	88.4	69	73	50	53	72.5	72.6
John F. Kennedy	280	296	120	119	42.9	40.2	43	41	18	17	41.9	41.5	94	91	31	23	33.0	25.3
Col. Zadok Magruder	458	465	319	336	69.7	72.3	105	112	79	80	75.2	71.4	44	36	22	21	50.0	58.3
Richard Montgomery	1,074	1,139	912	954	84.9	83.8	370	399	322	346	87.0	86.7	109	120	84	92	77.1	76.7
Northwest	963	1,004	636	659	66.0	65.6	275	290	205	217	74.5	74.8	171	178	76	83	44.4	46.6
Northwood	446	497	207	253	46.4	50.9	46	52	25	34	54.3	65.4	120	128	38	43	31.7	33.6
Paint Branch	562	553	390	369	69.4	66.7	138	141	99	97	71.7	68.8	264	256	178	161	67.4	62.9
Poolesville	745	834	664	745	89.1	89.3	--	325	--	307	≥95.0	94.5	29	32	27	28	93.1	87.5
Quince Orchard	1,019	1,062	662	663	65.0	62.4	165	174	119	128	72.1	73.6	111	117	44	42	39.6	35.9
Rockville	392	459	264	277	67.3	60.3	50	82	27	51	54.0	62.2	37	54	22	22	59.5	40.7
Seneca Valley	161	137	78	72	48.4	52.6	39	36	21	23	53.8	63.9	27	23	10	9	37.0	39.1
Sherwood	814	731	636	602	78.1	82.4	123	117	92	96	74.8	82.1	85	56	57	35	67.1	62.5
Springbrook	521	632	274	289	52.6	45.7	107	135	56	67	52.3	49.6	205	242	90	85	43.9	35.1
Watkins Mill	313	240	114	85	36.4	35.4	50	38	22	17	44.0	44.7	81	60	14	14	17.3	23.3
Wheaton	538	613	326	400	60.6	65.3	120	156	79	110	65.8	70.5	157	182	76	101	48.4	55.5
Walt Whitman	1,153	1,242	1,060	1,127	91.9	90.7	158	--	141	--	89.2	≥95.0	--	25	--	20	70.0	80.0
Thomas S. Wootton	1,244	1,376	1,132	1,237	91.0	89.9	541	621	499	576	92.2	92.8	31	38	24	29	77.4	76.3

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥ 95.0 or ≤ 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 B3b. 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 2016 and 2017 by High School and Race/Ethnicity

High School	Hispanic/Latino						White						Two or More Races					
	N		N Scored 3 or Higher		% Scored 3 or Higher		N		N Scored 3 or Higher		% Scored 3 or Higher		N		N Scored 3 or Higher		% Scored 3 or Higher	
	Took AP Exam						Took AP Exam						Took AP Exam					
All Students	2,567	2,791	1,656	1,772	64.5	63.5	7,807	7,894	6,525	6,531	83.6	82.7	867	943	689	739	79.5	78.4
Bethesda-Chevy Chase	105	99	85	73	81.0	73.7	650	659	573	570	88.2	86.5	58	69	53	59	91.4	85.5
Montgomery Blair	109	115	90	93	82.6	80.9	357	--	339	--	95.0	≥95.0	--	62	--	56	≥95.0	90.3
James Hubert Blake	93	82	61	52	65.6	63.4	174	150	142	129	81.6	86.0	32	42	25	32	78.1	76.2
Winston Churchill	87	95	71	76	81.6	80.0	714	714	610	600	85.4	84.0	62	67	56	57	90.3	85.1
Clarksburg	88	90	57	59	64.8	65.6	187	195	150	157	80.2	80.5	29	31	18	21	62.1	67.7
Damascus	51	77	38	44	74.5	57.1	308	322	224	228	72.7	70.8	--	25	--	18	62.5	72.0
Albert Einstein	150	186	100	108	66.7	58.1	173	182	161	158	93.1	86.8	--	25	--	18	66.7	72.0
Gaithersburg	143	147	88	105	61.5	71.4	114	114	68	77	59.6	67.5	--	--	--	--	63.6	58.8
Walter Johnson	153	153	123	131	80.4	85.6	746	742	683	675	91.6	91.0	77	84	65	76	84.4	90.5
John F. Kennedy	114	142	50	69	43.9	48.6	22	--	18	--	81.8	50.0	--	--	--	--	--	--
Col. Zadok Magruder	101	118	73	85	72.3	72.0	186	171	129	133	69.4	77.8	--	28	--	17	70.0	60.7
Richard Montgomery	132	153	106	114	80.3	74.5	397	407	347	353	87.4	86.7	63	57	51	46	81.0	80.7
Northwest	122	133	61	71	50.0	53.4	341	355	255	252	74.8	71.0	53	46	39	36	73.6	78.3
Northwood	154	182	64	85	41.6	46.7	108	118	73	83	67.6	70.3	--	--	--	--	38.9	47.1
Paint Branch	61	63	39	39	63.9	61.9	73	69	55	55	75.3	79.7	23	22	17	15	73.9	68.2
Poolesville	49	49	41	45	83.7	91.8	350	379	296	320	84.6	84.4	47	49	40	45	85.1	91.8
Quince Orchard	143	144	80	76	55.9	52.8	557	575	388	384	69.7	66.8	42	51	31	32	73.8	62.7
Rockville	100	116	56	53	56.0	45.7	185	183	143	132	77.3	72.1	--	23	--	18	78.9	78.3
Seneca Valley	24	25	5	6	20.8	24.0	61	46	35	30	57.4	65.2	--	--	--	--	70.0	--
Sherwood	67	82	53	66	79.1	80.5	506	443	406	378	80.2	85.3	33	32	28	26	84.8	81.3
Springbrook	95	131	50	63	52.6	48.1	82	87	60	55	73.2	63.2	32	36	18	19	56.3	52.8
Watkins Mill	102	79	36	25	35.3	31.6	61	46	35	26	57.4	56.5	--	--	--	--	36.8	17.6
Wheaton	176	168	100	101	56.8	60.1	68	89	60	73	88.2	82.0	--	--	--	--	73.3	82.4
Walt Whitman	85	98	75	84	88.2	85.7	823	871	766	785	93.1	90.1	--	--	--	--	≥95.0	≥95.0
Thomas S. Wootton	63	62	54	49	85.7	79.0	559	601	508	533	90.9	88.7	49	52	46	48	93.9	92.3

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥95.0 or ≤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 B4. 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 2016 and 2017 by High School and Gender

High School	Male						Female					
	N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher		N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
All Students	7,953	8,423	6,110	6,453	76.8	76.6	9,616	10,045	7,213	7,441	75.0	74.1
Bethesda-Chevy Chase	461	449	392	383	85.0	85.3	483	508	402	411	83.2	80.9
Montgomery Blair	431	435	390	384	90.5	88.3	479	505	410	433	85.6	85.7
James Hubert Blake	190	175	139	125	73.2	71.4	352	333	245	237	69.6	71.2
Winston Churchill	636	689	549	576	86.3	83.6	656	667	569	563	86.7	84.4
Clarksburg	261	243	193	176	73.9	72.4	384	439	272	325	70.8	74.0
Damascus	201	219	145	149	72.1	68.0	259	318	185	212	71.4	66.7
Albert Einstein	161	197	121	141	75.2	71.6	340	368	249	249	73.2	67.7
Gaithersburg	156	168	80	114	51.3	67.9	253	264	152	163	60.1	61.7
Walter Johnson	575	583	495	518	86.1	88.9	603	617	540	548	89.6	88.8
John F. Kennedy	103	118	46	52	44.7	44.1	177	178	74	67	41.8	37.6
Col. Zadok Magruder	200	214	144	164	72.0	76.6	258	251	175	172	67.8	68.5
Richard Montgomery	483	494	411	410	85.1	83.0	591	645	501	544	84.8	84.3
Northwest	410	428	263	284	64.1	66.4	553	576	373	375	67.5	65.1
Northwood	182	188	91	91	50.0	48.4	264	309	116	162	43.9	52.4
Paint Branch	238	232	179	164	75.2	70.7	324	321	211	205	65.1	63.9
Poolesville	369	432	328	387	88.9	89.6	376	402	336	358	89.4	89.1
Quince Orchard	481	498	302	305	62.8	61.2	538	564	360	358	66.9	63.5
Rockville	201	232	139	151	69.2	65.1	191	227	125	126	65.4	55.5
Seneca Valley	53	59	27	35	50.9	59.3	108	78	51	37	47.2	47.4
Sherwood	365	326	281	264	77.0	81.0	449	405	355	338	79.1	83.5
Springbrook	259	330	135	164	52.1	49.7	262	302	139	125	53.1	41.4
Watkins Mill	150	113	58	47	38.7	41.6	163	127	56	38	34.4	29.9
Wheaton	290	338	179	220	61.7	65.1	248	275	147	180	59.3	65.5
Walt Whitman	517	603	488	559	94.4	92.7	636	639	572	568	89.9	88.9
Thomas S. Wootton	578	653	535	590	92.6	90.4	666	723	597	647	89.6	89.5

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2017.

Table B5. 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 2016 and 2017 by High School and Service Group

High School	FARMS						Special Education						LEP					
	N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher		N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher		N Took AP Exam		N Scored 3 or Higher		% Scored 3 or Higher	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
All Students	2,465	2,713	1,352	1,441	54.8	53.1	368	411	230	248	62.5	60.3	481	547	343	386	71.3	70.6
Bethesda-Chevy Chase	43	42	18	20	41.9	47.6	25	29	17	17	68.0	58.6	--	--	--	--	73.7	58.3
Montgomery Blair	170	171	121	111	71.2	64.9	--	--	--	--	≥95.0	81.3	29	27	20	17	69.0	63.0
James Hubert Blake	113	123	70	71	61.9	57.7	--	--	--	--	--	40.0	--	--	--	--	--	50.0
Winston Churchill	--	30	--	18	70.0	60.0	36	43	22	31	61.1	72.1	--	--	--	--	--	50.0
Clarksburg	102	93	64	66	62.7	71.0	--	--	--	--	--	--	--	--	--	--	--	91.7
Damascus	29	51	15	26	51.7	51.0	--	--	--	--	--	40.0	--	--	--	--	--	--
Albert Einstein	145	182	85	98	58.6	53.8	--	--	--	--	72.7	50.0	27	32	18	21	66.7	65.6
Gaithersburg	130	155	84	98	64.6	63.2	--	--	--	--	--	--	45	54	37	42	82.2	77.8
Walter Johnson	46	40	34	30	73.9	75.0	38	45	33	39	86.8	86.7	34	31	27	23	79.4	74.2
John F. Kennedy	117	144	50	65	42.7	45.1	--	--	--	--	--	--	22	39	16	29	72.7	74.4
Col. Zadok Magruder	80	93	54	57	67.5	61.3	--	--	--	--	--	--	--	26	--	22	91.7	84.6
Richard Montgomery	108	129	82	91	75.9	70.5	21	21	16	16	76.2	76.2	23	41	19	34	82.6	82.9
Northwest	147	150	82	75	55.8	50.0	--	--	--	--	37.5	45.0	--	--	--	--	--	--
Northwood	156	194	52	77	33.3	39.7	--	--	--	--	27.8	30.8	37	42	22	22	59.5	52.4
Paint Branch	136	128	80	78	58.8	60.9	--	--	--	--	--	--	--	--	--	--	--	50.0
Poolesville	39	31	32	24	82.1	77.4	--	--	--	--	86.7	70.6	--	--	--	--	--	--
Quince Orchard	147	182	74	81	50.3	44.5	25	30	8	10	32.0	33.3	27	32	17	27	63.0	84.4
Rockville	73	110	42	47	57.5	42.7	--	--	--	--	55.6	47.4	--	--	--	--	80.0	53.8
Seneca Valley	40	29	14	14	35.0	48.3	--	--	--	--	--	--	--	--	--	--	--	--
Sherwood	63	38	38	30	60.3	78.9	--	--	--	--	--	--	22	--	16	--	72.7	75.0
Springbrook	168	213	67	76	39.9	35.7	--	--	--	--	--	--	--	--	--	--	35.7	46.7
Watkins Mill	129	106	36	33	27.9	31.1	--	--	--	--	--	--	--	--	--	--	44.4	60.0
Wheaton	212	231	104	121	49.1	52.4	--	--	--	--	50.0	50.0	35	31	28	20	80.0	64.5
Walt Whitman	--	--	--	--	66.7	--	40	41	35	31	87.5	75.6	46	38	37	31	80.4	81.6
Thomas S. Wootton	36	39	30	28	83.3	71.8	--	--	--	--	68.4	47.4	--	--	--	--	77.8	89.5

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 September 2017. 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 ≥95.0 or ≤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 B6. 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

Student Group	AP Exam Year	N Took Any AP Exams	AP Exam(s)									
			N Took One	N Took Two	N Took Three	N Took Four	N Took Five or More	% Took One	% Took Two	% Took Three	% Took Four	% Took Five or More
All Students	2016	17,569	8,542	3,907	2,912	1,546	--	48.6	22.2	16.6	8.8	≤5.0
	2017	18,468	8,967	4,269	2,922	1,589	--	48.6	23.1	15.8	8.6	≤5.0
Asian	2016	3,852	1,609	777	692	478	296	41.8	20.2	18.0	12.4	7.7
	2017	4,270	1,735	964	731	508	332	40.6	22.6	17.1	11.9	7.8
Black or African American	2016	2,453	1,437	551	327	--	--	58.6	22.5	13.3	≤5.0	≤5.0
	2017	2,549	1,408	630	336	133	--	55.2	24.7	13.2	5.2	≤5.0
Hispanic/Latino	2016	2,567	1,497	613	300	--	--	58.3	23.9	11.7	≤5.0	≤5.0
	2017	2,791	1,563	693	344	146	--	56.0	24.8	12.3	5.2	≤5.0
White	2016	7,807	3,585	1,762	1,446	748	--	45.9	22.6	18.5	9.6	≤5.0
	2017	7,894	3,798	1,780	1,330	720	--	48.1	22.5	16.8	9.1	≤5.0
Two or More Races	2016	867	401	199	145	82	--	46.3	23.0	16.7	9.5	≤5.0
	2017	943	456	197	175	80	--	48.4	20.9	18.6	8.5	≤5.0

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥95.0 or ≤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 B7. Number and Percentage of MCPS Students Who Took Advanced Placement Exams in 2017 by Number of Advanced Placement Exams Taken by High School

High School	N Took Any AP Exams	AP Exam(s)									
		N Took One	N Took Two	N Took Three	N Took Four	N Took Five or More	% Took One	% Took Two	% Took Three	% Took Four	% Took Five or More
All Students	18,468	8,967	4,269	2,922	1,589	--	48.6	23.1	15.8	8.6	≤5.0
Bethesda-Chevy Chase	957	487	182	163	82	--	50.9	19.0	17.0	8.6	≤5.0
Montgomery Blair	940	335	262	169	103	71	35.6	27.9	18.0	11.0	7.6
James Hubert Blake	508	234	130	78	48	--	46.1	25.6	15.4	9.4	≤5.0
Winston Churchill	1,356	585	312	220	149	90	43.1	23.0	16.2	11.0	6.6
Clarksburg	682	378	156	88	46	--	55.4	22.9	12.9	6.7	≤5.0
Damascus	537	250	152	87	41	--	46.6	28.3	16.2	7.6	≤5.0
Albert Einstein	565	304	130	79	43	--	53.8	23.0	14.0	7.6	≤5.0
Gaithersburg	432	261	104	51	--	--	60.4	24.1	11.8	≤5.0	≤5.0
Walter Johnson	1,200	558	242	216	126	--	46.5	20.2	18.0	10.5	≤5.0
John F. Kennedy	296	232	48	16	--	--	78.4	16.2	5.4	≤5.0	≤5.0
Col. Zadok Magruder	465	270	101	72	--	--	58.1	21.7	15.5	≤5.0	≤5.0
Richard Montgomery	1,139	467	267	216	111	78	41.0	23.4	19.0	9.7	6.8
Northwest	1,004	449	223	190	122	--	44.7	22.2	18.9	12.2	≤5.0
Northwood	497	260	156	62	--	--	52.3	31.4	12.5	≤5.0	≤5.0
Paint Branch	553	249	145	104	45	--	45.0	26.2	18.8	8.1	≤5.0
Poolesville	834	306	157	130	135	106	36.7	18.8	15.6	16.2	12.7
Quince Orchard	1,062	469	226	181	123	63	44.2	21.3	17.0	11.6	5.9
Rockville	459	271	110	61	--	--	59.0	24.0	13.3	≤5.0	≤5.0
Seneca Valley	137	128	9	--	--	--	93.4	6.6	≤5.0	≤5.0	≤5.0
Sherwood	731	390	139	141	51	--	53.4	19.0	19.3	7.0	≤5.0
Springbrook	632	350	164	78	--	--	55.4	25.9	12.3	≤5.0	≤5.0
Watkins Mill	240	211	28	--	--	--	87.9	11.7	≤5.0	≤5.0	≤5.0
Wheaton	613	311	179	77	39	--	50.7	29.2	12.6	6.4	≤5.0
Walt Whitman	1,242	586	265	225	117	--	47.2	21.3	18.1	9.4	≤5.0
Thomas S. Wootton	1,376	617	380	217	115	--	44.8	27.6	15.8	8.4	≤5.0

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2017. 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 ≥95.0 or ≤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.

Appendix C

Table C1. 2017 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

AP Exam by Subject Area	MCPS					Maryland (Public Schools) ^a					Nation (Public Schools) ^a							
	N Exams	% of Exam Scores 1, 2, 3, 4, or 5					N Exams	% of Exam Scores 1, 2, 3, 4 or 5					N Exams	% of Exam Scores 1, 2, 3, 4, or 5				
		1	2	3	4	5		1	2	3	4	5		1	2	3	4	5
English																		
English Language & Composition	4,263	9.5	23.9	28.1	22.9	15.6	13,657	12.3	28.9	28.9	19.5	10.4	512,040	15.4	31.9	27.3	17.2	8.2
English Literature & Composition	2,497	8.2	28.8	30.5	22.2	10.4	8,447	14.7	31.7	28.3	17.8	7.4	343,588	14.9	35.4	29.0	14.8	6.0
Mathematics																		
Calculus AB	1,845	12.0	17.7	22.2	24.0	24.2	6,907	17.1	20.1	21.2	18.6	23.0	257,016	21.5	22.5	20.8	17.6	17.6
Calculus BC	1,338	≤5.0	9.2	15.4	20.8	52.0	3,770	3.8	12.4	18.4	20.5	44.9	101,448	5.4	14.9	20.4	18.2	41.1
Statistics	1,689	13.9	16.8	24.9	21.3	23.1	5,239	25.0	19.2	24.6	16.3	14.9	184,066	26.7	20.5	24.7	15.3	12.8
Science																		
Biology	1,336	≤5.0	13.6	32.8	35.2	16.5	4,770	8.7	23.4	34.3	24.6	9.0	217,141	9.1	28.5	36.2	20.0	6.1
Chemistry	998	5.7	17.9	29.2	27.4	19.8	2,921	16.1	23.8	27.7	19.1	13.3	128,752	23.2	27.0	25.8	15.2	8.9
Environmental Science	1,103	15.3	21.0	16.7	32.5	14.5	4,010	20.0	25.1	15.8	27.4	11.7	142,033	27.1	24.4	15.2	24.0	9.3
Physics 1	534	23.2	28.5	24.3	17.0	6.9	2,617	24.3	31.3	23.3	16.1	5.0	143,738	31.0	29.6	19.8	15.0	4.6
Physics C: Mechanics	628	5.4	10.5	12.7	27.7	43.6	1,618	13.2	11.8	14.7	25.5	34.9	40,162	8.5	13.0	16.2	27.6	34.7
Social Studies																		
Macroeconomics	692	9.8	15.6	14.2	30.9	29.5	1,821	14.8	16.2	17.0	27.8	24.3	116,794	28.6	16.2	17.1	22.6	15.5
Microeconomics	699	7.6	10.0	14.3	32.0	36.1	1,967	12.8	11.6	16.9	30.8	28.0	63,954	19.9	12.8	18.8	28.1	20.5
U.S. Government & Politics	5,186	10.5	19.1	29.8	18.4	22.3	11,771	17.6	21.8	28.3	15.7	16.7	283,400	27.0	24.6	25.4	12.2	10.9
U.S. History	1,813	11.2	17.4	25.4	24.9	21.1	6,242	21.9	23.9	23.6	18.1	12.5	440,950	27.4	23.9	21.9	16.9	9.9
World History	3,080	≤5.0	19.7	26.7	30.5	18.4	9,272	9.1	25.3	27.9	26.1	11.6	272,129	16.1	30.3	26.4	19.2	8.0
Human Geography	686	13.1	13.3	23.0	27.1	23.5	2,922	25.7	17.2	22.2	20.2	14.6	186,455	34.7	17.3	20.8	16.9	10.3
Psychology	3,045	16.4	12.6	19.1	26.0	25.9	9,628	14.8	16.2	17.0	27.8	24.3	266,752	21.8	14.8	20.0	24.9	18.5
Technology																		
Computer Science A	660	12.1	8.6	15.6	17.6	46.1	1,557	23.2	10.4	20.4	17.3	28.6	47,960	21.9	11.5	22.1	21.0	23.5
Computer Science Principles	696	5.3	13.5	35.6	26.0	19.5	2,357	7.3	16.2	38.0	23.6	14.9	38,587	7.6	18.5	38.9	21.5	13.5
Foreign Language																		
Spanish Language	1,089	≤5.0	≤5.0	29.1	38.1	28.6	2,339	1.8	9.5	35.1	34.1	19.4	148,647	1.6	10.3	35.0	34.7	18.4

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 ≥95.0 or ≤5.0, respectively.

^a AP exam results for Maryland and the nation are based on September 2017 exam data reported by the College Board.

Table C2. 2017 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 and Race/Ethnicity

AP Exam by Subject Area	All Students			Asian			Black or African American			Hispanic/Latino			White			Two or More Races		
	N Exams Taken	N Exams 3+	% Exams 3+	N Exams Taken	N Exams 3+	% Exams 3+	N Exams Taken	N Exams 3+	% Exams 3+	N Exams Taken	N Exams 3+	% Exams 3+	N Exams Taken	N Exams 3+	% Exams 3+	N Exams Taken	N Exams 3+	% Exams 3+
English																		
English Language & Composition	4,263	2,839	66.6	951	695	73.1	613	270	44.0	619	279	45.1	1,829	1,402	76.7	245	188	76.7
English Literature & Composition	2,497	1,575	63.1	539	390	72.4	330	134	40.6	299	112	37.5	1,221	867	71.0	106	71	67.0
Mathematics																		
Calculus AB	1,845	1,298	70.4	519	372	71.7	243	95	39.1	213	119	55.9	769	633	82.3	98	76	77.6
Calculus BC	1,338	1,180	88.2	555	500	90.1	106	59	55.7	81	64	79.0	506	470	92.9	--	--	≥95.0
Statistics	1,689	1,171	69.3	526	424	80.6	158	63	39.9	178	68	38.2	743	555	74.7	83	61	73.5
Science																		
Biology	1,336	1,128	84.4	457	400	87.5	169	100	59.2	144	103	71.5	501	463	92.4	--	--	≥95.0
Chemistry	998	762	76.4	414	330	79.7	117	54	46.2	72	47	65.3	327	273	83.5	65	55	84.6
Environmental Science	1,103	702	63.6	187	117	62.6	122	40	32.8	132	63	47.7	601	439	73.0	60	43	71.7
Physics I	534	258	48.3	149	67	45.0	94	--	13.8	60	--	28.3	203	144	70.9	27	--	63.0
Physics C: Mechanics	628	528	84.1	259	228	88.0	45	26	57.8	30	--	63.3	261	228	87.4	32	26	81.3
Social Studies																		
Macroeconomics	692	516	74.6	237	195	82.3	51	21	41.2	53	36	67.9	322	244	75.8	29	--	69.0
Microeconomics	699	576	82.4	243	214	88.1	51	25	49.0	55	41	74.5	322	274	85.1	28	22	78.6
U.S. Government & Politics	5,186	3,654	70.5	1,301	967	74.3	663	343	51.7	598	294	49.2	2,342	1,842	78.7	278	204	73.4
U.S. History	1,813	1,294	71.4	502	395	78.7	222	100	45.0	209	109	52.2	772	611	79.1	105	77	73.3
World History	3,080	2,326	75.5	688	532	77.3	489	297	60.7	426	240	56.3	1,289	1,102	85.5	185	152	82.2
Human Geography	686	505	73.6	121	94	77.7	76	41	53.9	87	42	48.3	364	300	82.4	36	27	75.0
Psychology	3,045	2,164	71.1	626	491	78.4	484	241	49.8	472	246	52.1	1,318	1,077	81.7	136	101	74.3
Technology																		
Computer Science A	660	523	79.2	317	270	85.2	45	22	48.9	42	26	61.9	226	181	80.1	29	23	79.3
Computer Science Principles	696	565	81.2	249	224	90.0	84	47	56.0	65	41	63.1	265	226	85.3	31	25	80.6
Foreign Language																		
Spanish Language	1,089	1,043	95.8	--	--	≥95.0	46	42	91.3	611	575	94.1	--	--	≥95.0	--	--	≥95.0

Note. AP = Advanced Placement. Results for 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 September 2017. 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 ≥95.0 or ≤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 C3. 2017 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

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	4,263	9.5	23.9	28.1	22.9	15.6	66.6	3.1
Bethesda-Chevy Chase	239	≤5.0	15.1	28.0	31.8	21.3	81.2	3.5
Montgomery Blair	255	≤5.0	12.5	20.0	28.2	36.9	85.1	3.8
James Hubert Blake	113	≤5.0	29.2	39.8	13.3	13.3	66.4	3.0
Winston Churchill	292	≤5.0	11.0	27.1	39.0	21.9	88.0	3.7
Clarksburg	118	5.1	30.5	31.4	23.7	9.3	64.4	3.0
Damascus	223	11.2	31.8	30.5	20.6	5.8	57.0	2.8
Albert Einstein	118	10.2	28.0	38.1	16.9	6.8	61.9	2.8
Gaithersburg	117	7.7	39.3	33.3	15.4	≤5.0	53.0	2.7
Walter Johnson	278	≤5.0	19.4	30.2	30.2	19.1	79.5	3.5
John F. Kennedy	29	31.0	27.6	20.7	17.2	≤5.0	41.4	2.3
Col. Zadok Magruder	116	≤5.0	25.0	37.9	26.7	6.0	70.7	3.1
Richard Montgomery	228	11.0	29.8	29.4	21.5	8.3	59.2	2.9
Northwest	286	9.4	37.1	33.6	16.4	≤5.0	53.5	2.7
Northwood	131	34.4	31.3	22.1	8.4	≤5.0	34.4	2.2
Paint Branch	104	≤5.0	43.3	37.5	13.5	≤5.0	55.8	2.8
Poolesville	198	≤5.0	6.6	22.7	33.8	35.4	91.9	3.9
Quince Orchard	368	25.8	33.4	25.0	10.6	5.2	40.8	2.4
Rockville	174	28.2	40.8	20.1	7.5	≤5.0	31.0	2.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	159	≤5.0	10.1	34.0	35.8	20.1	89.9	3.7
Springbrook	139	37.4	35.3	19.4	5.8	≤5.0	27.3	2.0
Watkins Mill	34	26.5	47.1	26.5	≤5.0	≤5.0	26.5	2.0
Wheaton	81	9.9	25.9	30.9	22.2	11.1	64.2	3.0
Walt Whitman	163	≤5.0	≤5.0	16.0	35.0	46.0	≥95.0	4.2
Thomas S. Wootton	300	≤5.0	11.0	30.0	29.0	29.7	88.7	3.8

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C4. 2017 MCPS Advanced Placement **English Literature and Composition**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	2,497	8.2	28.8	30.5	22.2	10.4	63.1	3.0
Bethesda-Chevy Chase	143	≤5.0	28.0	37.8	23.1	8.4	69.2	3.1
Montgomery Blair	38	≤5.0	5.3	18.4	36.8	39.5	94.7	4.1
James Hubert Blake	84	≤5.0	41.7	38.1	10.7	6.0	54.8	2.7
Winston Churchill	192	≤5.0	18.8	37.0	29.2	14.6	80.7	3.4
Clarksburg	68	≤5.0	23.5	39.7	33.8	≤5.0	73.5	3.0
Damascus	65	7.7	29.2	44.6	15.4	≤5.0	63.1	2.8
Albert Einstein	92	10.9	40.2	29.3	14.1	5.4	48.9	2.6
Gaithersburg	45	≤5.0	42.2	26.7	17.8	13.3	57.8	3.0
Walter Johnson	137	≤5.0	19.7	37.2	33.6	8.8	79.6	3.3
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	88	6.8	55.7	18.2	17.0	≤5.0	37.5	2.5
Richard Montgomery	190	≤5.0	16.8	22.1	28.4	32.1	82.6	3.7
Northwest	207	9.7	39.1	33.8	15.9	≤5.0	51.2	2.6
Northwood	90	18.9	57.8	16.7	6.7	≤5.0	23.3	2.1
Paint Branch	38	≤5.0	34.2	47.4	15.8	≤5.0	63.2	2.8
Poolesville	161	≤5.0	13.7	37.3	31.7	14.9	83.9	3.4
Quince Orchard	309	31.4	35.9	23.6	7.4	≤5.0	32.7	2.1
Rockville	59	13.6	54.2	23.7	6.8	≤5.0	32.2	2.3
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	132	≤5.0	13.6	36.4	32.6	14.4	83.3	3.4
Springbrook	60	25.0	56.7	11.7	≤5.0	≤5.0	18.3	2.0
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	42	≤5.0	33.3	31.0	28.6	≤5.0	64.3	3.0
Walt Whitman	127	≤5.0	7.1	29.9	33.9	27.6	91.3	3.8
Thomas S. Wootton	117	≤5.0	10.3	29.1	41.9	18.8	89.7	3.7

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C5. 2017 MCPS Advanced Placement **Calculus AB**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,845	12.0	17.7	22.2	24.0	24.2	70.4	3.3
Bethesda-Chevy Chase	71	14.1	22.5	28.2	26.8	8.5	63.4	2.9
Montgomery Blair	70	10.0	22.9	27.1	24.3	15.7	67.1	3.1
James Hubert Blake	51	51.0	43.1	5.9	≤5.0	≤5.0	5.9	1.5
Winston Churchill	128	5.5	11.7	24.2	39.1	19.5	82.8	3.6
Clarksburg	58	12.1	29.3	31.0	17.2	10.3	58.6	2.8
Damascus	50	≤5.0	12.0	32.0	34.0	20.0	86.0	3.6
Albert Einstein	56	21.4	33.9	23.2	12.5	8.9	44.6	2.5
Gaithersburg	38	21.1	34.2	26.3	18.4	≤5.0	44.7	2.4
Walter Johnson	168	≤5.0	≤5.0	19.0	29.8	48.2	≥95.0	4.2
John F. Kennedy	26	73.1	15.4	11.5	≤5.0	≤5.0	11.5	1.4
Col. Zadok Magruder	48	≤5.0	18.8	37.5	29.2	12.5	79.2	3.3
Richard Montgomery	84	≤5.0	19.0	31.0	26.2	19.0	76.2	3.4
Northwest	103	≤5.0	9.7	19.4	28.2	40.8	88.3	4.0
Northwood	22	72.7	13.6	13.6	≤5.0	≤5.0	13.6	1.4
Paint Branch	61	≤5.0	32.8	44.3	8.2	9.8	62.3	2.9
Poolesville	107	≤5.0	5.6	13.1	38.3	42.1	93.5	4.1
Quince Orchard	82	≤5.0	≤5.0	9.8	35.4	54.9	≥95.0	4.5
Rockville	63	14.3	25.4	27.0	19.0	14.3	60.3	2.9
Seneca Valley	10	20.0	50.0	10.0	10.0	10.0	30.0	2.4
Sherwood	61	11.5	29.5	42.6	14.8	≤5.0	59.0	2.7
Springbrook	83	33.7	43.4	20.5	≤5.0	≤5.0	22.9	1.9
Watkins Mill	38	47.4	28.9	15.8	7.9	≤5.0	23.7	1.8
Wheaton	87	36.8	28.7	18.4	10.3	5.7	34.5	2.2
Walt Whitman	135	≤5.0	10.4	23.0	35.6	30.4	88.9	3.8
Thomas S. Wootton	145	≤5.0	≤5.0	9.7	29.0	58.6	≥95.0	4.4

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C6 2017 MCPS Advanced Placement **Calculus BC**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,338	≤5.0	9.2	15.4	20.8	52.0	88.2	4.1
Bethesda-Chevy Chase	56	≤5.0	≤5.0	10.7	23.2	64.3	≥95.0	4.5
Montgomery Blair	126	≤5.0	≤5.0	≤5.0	13.5	82.5	≥95.0	4.8
James Hubert Blake	42	≤5.0	7.1	23.8	38.1	28.6	90.5	3.8
Winston Churchill	127	≤5.0	≤5.0	13.4	19.7	66.9	≥95.0	4.5
Clarksburg	17	≤5.0	17.6	11.8	17.6	52.9	82.4	4.1
Damascus	21	≤5.0	14.3	19.0	23.8	42.9	85.7	4.0
Albert Einstein	21	14.3	28.6	14.3	28.6	14.3	57.1	3.0
Gaithersburg	21	≤5.0	42.9	42.9	9.5	≤5.0	57.1	2.8
Walter Johnson	56	≤5.0	≤5.0	17.9	17.9	64.3	≥95.0	4.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	20	≤5.0	≤5.0	40.0	25.0	30.0	≥95.0	3.8
Richard Montgomery	128	≤5.0	7.0	14.1	23.4	53.9	91.4	4.2
Northwest	70	≤5.0	≤5.0	≤5.0	18.6	75.7	≥95.0	4.7
Northwood	17	11.8	23.5	29.4	17.6	17.6	64.7	3.1
Paint Branch	40	≤5.0	25.0	35.0	25.0	15.0	75.0	3.3
Poolesville	111	≤5.0	≤5.0	11.7	23.4	60.4	≥95.0	4.4
Quince Orchard	60	≤5.0	≤5.0	13.3	36.7	50.0	≥95.0	4.4
Rockville	20	≤5.0	20.0	20.0	30.0	25.0	75.0	3.5
Seneca Valley	16	≤5.0	6.3	31.3	25.0	37.5	93.8	3.9
Sherwood	43	≤5.0	18.6	20.9	23.3	34.9	79.1	3.7
Springbrook	79	21.5	36.7	24.1	10.1	7.6	41.8	2.5
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	56	7.1	28.6	25.0	21.4	17.9	64.3	3.1
Walt Whitman	75	≤5.0	≤5.0	14.7	10.7	70.7	≥95.0	4.5
Thomas S. Wootton	102	≤5.0	≤5.0	7.8	23.5	65.7	≥95.0	4.5

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C7. 2017 MCPS Advanced Placement **Statistics:**
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,689	13.9	16.8	24.9	21.3	23.1	69.3	3.2
Bethesda-Chevy Chase	87	12.6	20.7	29.9	21.8	14.9	66.7	3.1
Montgomery Blair	159	≤5.0	8.8	18.2	24.5	45.3	88.1	4.0
James Hubert Blake	33	21.2	27.3	24.2	24.2	≤5.0	51.5	2.6
Winston Churchill	125	≤5.0	10.4	34.4	27.2	23.2	84.8	3.5
Clarksburg	22	18.2	13.6	36.4	22.7	9.1	68.2	2.9
Damascus	63	44.4	30.2	23.8	≤5.0	≤5.0	25.4	1.8
Albert Einstein	52	28.8	26.9	30.8	7.7	5.8	44.2	2.3
Gaithersburg	31	54.8	29.0	9.7	≤5.0	≤5.0	16.1	1.7
Walter Johnson	77	≤5.0	14.3	20.8	37.7	27.3	85.7	3.8
John F. Kennedy	12	41.7	41.7	16.7	≤5.0	≤5.0	16.7	1.8
Col. Zadok Magruder	50	10.0	22.0	32.0	26.0	10.0	68.0	3.0
Richard Montgomery	199	≤5.0	14.1	18.1	22.6	41.2	81.9	3.8
Northwest	115	33.9	13.0	25.2	13.9	13.9	53.0	2.6
Northwood	40	57.5	25.0	10.0	7.5	≤5.0	17.5	1.7
Paint Branch	69	27.5	36.2	21.7	7.2	7.2	36.2	2.3
Poolesville	108	≤5.0	7.4	22.2	23.1	46.3	91.7	4.1
Quince Orchard	102	11.8	12.7	31.4	22.5	21.6	75.5	3.3
Rockville	18	11.1	22.2	22.2	22.2	22.2	66.7	3.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	63	≤5.0	28.6	36.5	14.3	15.9	66.7	3.1
Springbrook	10	10.0	20.0	40.0	30.0	≤5.0	70.0	2.9
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	46	19.6	19.6	32.6	19.6	8.7	60.9	2.8
Walt Whitman	125	7.2	17.6	29.6	29.6	16.0	75.2	3.3
Thomas S. Wootton	76	≤5.0	≤5.0	18.4	35.5	39.5	93.4	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C8. 2017 MCPS Advanced Placement **Biology**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,336	≤5.0	13.6	32.8	35.2	16.5	84.4	3.5
Bethesda-Chevy Chase	72	≤5.0	8.3	29.2	50.0	12.5	91.7	3.7
Montgomery Blair	137	≤5.0	19.0	28.5	35.8	16.1	80.3	3.5
James Hubert Blake	32	≤5.0	12.5	46.9	34.4	6.3	87.5	3.3
Winston Churchill	109	≤5.0	8.3	25.7	45.9	20.2	91.7	3.8
Clarksburg	81	≤5.0	16.0	45.7	28.4	9.9	84.0	3.3
Damascus	14	≤5.0	7.1	50.0	14.3	28.6	92.9	3.6
Albert Einstein	22	13.6	22.7	36.4	27.3	≤5.0	63.6	2.8
Gaithersburg	60	≤5.0	21.7	46.7	23.3	8.3	78.3	3.2
Walter Johnson	55	≤5.0	≤5.0	14.5	43.6	40.0	≥95.0	4.2
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	24	≤5.0	20.8	20.8	45.8	12.5	79.2	3.5
Richard Montgomery	63	≤5.0	≤5.0	23.8	39.7	31.7	≥95.0	4.0
Northwest	79	≤5.0	17.7	41.8	31.6	8.9	82.3	3.3
Northwood	51	9.8	37.3	41.2	9.8	≤5.0	52.9	2.6
Paint Branch	42	≤5.0	31.0	52.4	14.3	≤5.0	69.0	2.9
Poolesville	55	≤5.0	≤5.0	18.2	49.1	32.7	≥95.0	4.1
Quince Orchard	81	12.3	21.0	39.5	23.5	≤5.0	66.7	2.9
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	67	≤5.0	14.9	41.8	34.3	9.0	85.1	3.4
Springbrook	20	20.0	40.0	25.0	15.0	≤5.0	40.0	2.4
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	48	6.3	8.3	50.0	18.8	16.7	85.4	3.3
Walt Whitman	117	≤5.0	≤5.0	24.8	43.6	29.1	≥95.0	4.0
Thomas S. Wootton	107	≤5.0	7.5	21.5	47.7	23.4	92.5	3.9

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C9. 2017 MCPS Advanced Placement **Chemistry**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	998	5.7	17.9	29.2	27.4	19.8	76.4	3.4
Bethesda-Chevy Chase	47	≤5.0	8.5	21.3	29.8	40.4	91.5	4.0
Montgomery Blair	71	≤5.0	15.5	21.1	25.4	33.8	80.3	3.7
James Hubert Blake	12	8.3	33.3	25.0	25.0	8.3	58.3	2.9
Winston Churchill	37	≤5.0	≤5.0	5.4	37.8	56.8	≥95.0	4.5
Clarksburg	48	≤5.0	16.7	37.5	27.1	14.6	79.2	3.3
Damascus	18	5.6	27.8	44.4	16.7	5.6	66.7	2.9
Albert Einstein	10	50.0	20.0	10.0	≤5.0	20.0	30.0	2.2
Gaithersburg	22	≤5.0	45.5	31.8	13.6	≤5.0	50.0	2.7
Walter Johnson	73	≤5.0	12.3	37.0	38.4	8.2	83.6	3.3
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	33	≤5.0	6.1	51.5	30.3	9.1	90.9	3.4
Richard Montgomery	47	≤5.0	12.8	29.8	38.3	19.1	87.2	3.6
Northwest	58	≤5.0	20.7	29.3	34.5	12.1	75.9	3.3
Northwood	24	16.7	54.2	20.8	≤5.0	8.3	29.2	2.3
Paint Branch	71	11.3	40.8	35.2	11.3	≤5.0	47.9	2.5
Poolesville	29	≤5.0	10.3	31.0	20.7	37.9	89.7	3.9
Quince Orchard	18	5.6	27.8	55.6	11.1	≤5.0	66.7	2.7
Rockville	12	≤5.0	41.7	25.0	25.0	8.3	58.3	3.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	30	23.3	23.3	26.7	10.0	16.7	53.3	2.7
Springbrook	27	14.8	37.0	33.3	7.4	7.4	48.1	2.6
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	56	21.4	23.2	28.6	19.6	7.1	55.4	2.7
Walt Whitman	87	≤5.0	9.2	26.4	41.4	20.7	88.5	3.7
Thomas S. Wootton	168	≤5.0	7.7	26.2	34.5	31.5	92.3	3.9

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C10. 2017 MCPS Advanced Placement **Environmental Science**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,103	15.3	21.0	16.7	32.5	14.5	63.6	3.1
Bethesda-Chevy Chase	130	10.0	16.9	19.2	36.2	17.7	73.1	3.3
Montgomery Blair	41	≤5.0	12.2	14.6	51.2	19.5	85.4	3.7
James Hubert Blake	30	23.3	36.7	20.0	20.0	≤5.0	40.0	2.4
Winston Churchill	39	≤5.0	23.1	20.5	43.6	10.3	74.4	3.4
Clarksburg	41	14.6	34.1	12.2	29.3	9.8	51.2	2.9
Damascus	21	42.9	23.8	23.8	≤5.0	≤5.0	33.3	2.0
Albert Einstein	82	29.3	20.7	17.1	28.0	≤5.0	50.0	2.6
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	51	≤5.0	≤5.0	15.7	37.3	43.1	≥95.0	4.2
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	14	21.4	28.6	21.4	21.4	7.1	50.0	2.6
Richard Montgomery	93	11.8	17.2	19.4	26.9	24.7	71.0	3.4
Northwest	78	24.4	23.1	16.7	23.1	12.8	52.6	2.8
Northwood	13	30.8	38.5	7.7	23.1	≤5.0	30.8	2.2
Paint Branch	32	56.3	25.0	9.4	6.3	≤5.0	18.8	1.8
Poolesville	72	8.3	8.3	19.4	50.0	13.9	83.3	3.5
Quince Orchard	78	23.1	24.4	14.1	32.1	6.4	52.6	2.7
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	22	9.1	13.6	13.6	45.5	18.2	77.3	3.5
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	180	10.0	26.1	17.2	33.9	12.8	63.9	3.1
Thomas S. Wootton	69	≤5.0	21.7	14.5	34.8	24.6	73.9	3.5

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C11. 2017 MCPS Advanced Placement **Physics 1**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	534	23.2	28.5	24.3	17.0	6.9	48.3	2.6
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	--	--	--	--	--	--	--	--
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	29	6.9	27.6	27.6	24.1	13.8	65.5	3.1
Clarksburg	36	36.1	36.1	27.8	≤5.0	≤5.0	27.8	1.9
Damascus	18	22.2	38.9	16.7	22.2	≤5.0	38.9	2.4
Albert Einstein	36	22.2	33.3	27.8	13.9	≤5.0	44.4	2.4
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	74	≤5.0	16.2	40.5	28.4	12.2	81.1	3.3
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	--	--	--	--	--	--	--	--
Northwest	84	32.1	40.5	19.0	7.1	≤5.0	27.4	2.0
Northwood	--	--	--	--	--	--	--	--
Paint Branch	43	46.5	39.5	7.0	7.0	≤5.0	14.0	1.7
Poolesville	31	≤5.0	25.8	22.6	32.3	19.4	74.2	3.5
Quince Orchard	30	≤5.0	23.3	30.0	30.0	13.3	73.3	3.3
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	--	--	--	--	--	--	--	--
Springbrook	53	66.0	22.6	9.4	≤5.0	≤5.0	11.3	1.5
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	42	19.0	38.1	23.8	9.5	9.5	42.9	2.5
Thomas S. Wootton	45	≤5.0	≤5.0	33.3	42.2	17.8	93.3	3.7

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C12. 2017 MCPS Advanced Placement **Physics C: Mechanics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	628	5.4	10.5	12.7	27.7	43.6	84.1	3.9
Bethesda-Chevy Chase	31	9.7	≤5.0	6.5	32.3	48.4	87.1	4.1
Montgomery Blair	66	≤5.0	≤5.0	≤5.0	15.2	77.3	93.9	4.6
James Hubert Blake	14	7.1	14.3	35.7	42.9	≤5.0	78.6	3.1
Winston Churchill	71	5.6	11.3	15.5	22.5	45.1	83.1	3.9
Clarksburg	18	11.1	22.2	11.1	44.4	11.1	66.7	3.2
Damascus	19	≤5.0	≤5.0	26.3	47.4	26.3	≥95.0	4.0
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	24	≤5.0	≤5.0	≤5.0	37.5	62.5	≥95.0	4.6
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	11	9.1	27.3	27.3	36.4	≤5.0	63.6	2.9
Richard Montgomery	72	≤5.0	8.3	19.4	34.7	37.5	91.7	4.0
Northwest	11	≤5.0	18.2	27.3	45.5	9.1	81.8	3.5
Northwood	--	--	--	--	--	--	--	--
Paint Branch	24	≤5.0	12.5	29.2	37.5	16.7	83.3	3.5
Poolesville	32	≤5.0	≤5.0	≤5.0	25.0	71.9	≥95.0	4.7
Quince Orchard	29	13.8	31.0	17.2	27.6	10.3	55.2	2.9
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	29	≤5.0	31.0	20.7	27.6	17.2	65.5	3.2
Springbrook	31	38.7	25.8	12.9	22.6	≤5.0	35.5	2.2
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	23	8.7	17.4	13.0	30.4	30.4	73.9	3.6
Walt Whitman	63	≤5.0	≤5.0	6.3	23.8	63.5	93.7	4.4
Thomas S. Wootton	57	≤5.0	≤5.0	≤5.0	17.5	77.2	≥95.0	4.7

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C13. 2017 MCPS Advanced Placement **Macroeconomics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	692	9.8	15.6	14.2	30.9	29.5	74.6	3.5
Bethesda-Chevy Chase	46	10.9	15.2	13.0	39.1	21.7	73.9	3.5
Montgomery Blair	33	≤5.0	21.2	15.2	36.4	27.3	78.8	3.7
James Hubert Blake	41	31.7	26.8	19.5	14.6	7.3	41.5	2.4
Winston Churchill	63	≤5.0	≤5.0	6.3	36.5	54.0	≥95.0	4.4
Clarksburg	23	13.0	13.0	13.0	43.5	17.4	73.9	3.4
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	116	≤5.0	15.5	23.3	38.8	18.1	80.2	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	74	≤5.0	9.5	9.5	28.4	48.6	86.5	4.1
Northwest	22	59.1	22.7	≤5.0	9.1	≤5.0	18.2	1.8
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	58	≤5.0	5.2	8.6	27.6	55.2	91.4	4.3
Quince Orchard	64	18.8	29.7	18.8	28.1	≤5.0	51.6	2.7
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	23	13.0	34.8	21.7	21.7	8.7	52.2	2.8
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	42	11.9	23.8	14.3	14.3	35.7	64.3	3.4
Thomas S. Wootton	78	≤5.0	6.4	9.0	39.7	42.3	91.0	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C14. 2017 MCPS Advanced Placement **Microeconomics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	699	7.6	10.0	14.3	32.0	36.1	82.4	3.8
Bethesda-Chevy Chase	42	9.5	≤5.0	9.5	31.0	45.2	85.7	4.0
Montgomery Blair	35	≤5.0	8.6	22.9	34.3	34.3	91.4	3.9
James Hubert Blake	42	21.4	26.2	28.6	16.7	7.1	52.4	2.6
Winston Churchill	63	≤5.0	≤5.0	≤5.0	27.0	69.8	≥95.0	4.7
Clarksburg	27	14.8	18.5	≤5.0	44.4	18.5	66.7	3.3
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	14	21.4	21.4	28.6	21.4	7.1	57.1	2.7
Walter Johnson	109	≤5.0	7.3	14.7	45.0	30.3	89.9	3.9
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	80	≤5.0	7.5	10.0	31.3	47.5	88.8	4.1
Northwest	19	52.6	10.5	15.8	21.1	≤5.0	36.8	2.1
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	56	≤5.0	≤5.0	7.1	30.4	57.1	94.6	4.4
Quince Orchard	61	13.1	18.0	18.0	37.7	13.1	68.9	3.2
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	22	≤5.0	22.7	27.3	31.8	13.6	72.7	3.3
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	51	9.8	9.8	21.6	31.4	27.5	80.4	3.6
Thomas S. Wootton	77	≤5.0	9.1	14.3	24.7	50.6	89.6	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C15. 2017 MCPS Advanced Placement **U.S. Government and Politics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	5,186	10.5	19.1	29.8	18.4	22.3	70.5	3.2
Bethesda-Chevy Chase	318	6.3	13.8	29.6	18.6	31.8	79.9	3.6
Montgomery Blair	252	≤5.0	7.5	20.6	17.5	52.4	90.5	4.1
James Hubert Blake	96	5.2	18.8	36.5	20.8	18.8	76.0	3.3
Winston Churchill	406	11.8	19.2	31.5	19.0	18.5	69.0	3.1
Clarksburg	182	6.6	18.7	38.5	19.8	16.5	74.7	3.2
Damascus	163	17.2	23.9	35.6	14.1	9.2	58.9	2.7
Albert Einstein	141	10.6	19.9	31.2	19.9	18.4	69.5	3.2
Gaithersburg	60	18.3	28.3	30.0	11.7	11.7	53.3	2.7
Walter Johnson	364	≤5.0	11.3	33.2	25.0	28.3	86.5	3.7
John F. Kennedy	87	63.2	23.0	11.5	≤5.0	≤5.0	13.8	1.5
Col. Zadok Magruder	95	12.6	25.3	33.7	14.7	13.7	62.1	2.9
Richard Montgomery	331	7.9	18.4	25.4	24.5	23.9	73.7	3.4
Northwest	267	16.9	24.7	38.2	10.1	10.1	58.4	2.7
Northwood	91	31.9	29.7	25.3	7.7	5.5	38.5	2.3
Paint Branch	154	11.0	31.8	30.5	13.6	13.0	57.1	2.9
Poolesville	258	5.0	11.6	27.1	20.2	36.0	83.3	3.7
Quince Orchard	203	10.3	31.5	33.0	13.8	11.3	58.1	2.8
Rockville	138	10.9	25.4	30.4	17.4	15.9	63.8	3.0
Seneca Valley	71	22.5	33.8	19.7	18.3	5.6	43.7	2.5
Sherwood	201	7.0	12.4	28.9	24.9	26.9	80.6	3.5
Springbrook	271	24.7	36.5	26.6	7.7	≤5.0	38.7	2.3
Watkins Mill	82	30.5	36.6	22.0	7.3	≤5.0	32.9	2.2
Wheaton	157	12.1	21.0	31.8	15.9	19.1	66.9	3.1
Walt Whitman	421	≤5.0	10.9	28.5	24.5	33.5	86.5	3.8
Thomas S. Wootton	377	≤5.0	9.8	31.0	25.2	32.1	88.3	3.8

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C16. 2017 MCPS Advanced Placement **U.S. History**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,813	11.2	17.4	25.4	24.9	21.1	71.4	3.3
Bethesda-Chevy Chase	86	≤5.0	5.8	25.6	31.4	37.2	94.2	4.0
Montgomery Blair	12	≤5.0	16.7	33.3	25.0	25.0	83.3	3.6
James Hubert Blake	54	16.7	14.8	35.2	24.1	9.3	68.5	2.9
Winston Churchill	193	≤5.0	15.0	23.8	30.1	26.4	80.3	3.6
Clarksburg	100	11.0	27.0	31.0	18.0	13.0	62.0	3.0
Damascus	44	20.5	31.8	29.5	9.1	9.1	47.7	2.5
Albert Einstein	63	27.0	30.2	23.8	14.3	≤5.0	42.9	2.4
Gaithersburg	44	29.5	40.9	18.2	9.1	≤5.0	29.5	2.1
Walter Johnson	129	≤5.0	11.6	27.1	32.6	27.1	86.8	3.7
John F. Kennedy	26	53.8	15.4	23.1	7.7	≤5.0	30.8	1.8
Col. Zadok Magruder	35	14.3	28.6	28.6	20.0	8.6	57.1	2.8
Richard Montgomery	152	≤5.0	5.3	16.4	32.9	44.1	93.4	4.1
Northwest	94	13.8	23.4	25.5	20.2	17.0	62.8	3.0
Northwood	67	13.4	26.9	26.9	23.9	9.0	59.7	2.9
Paint Branch	46	17.4	15.2	28.3	28.3	10.9	67.4	3.0
Poolesville	44	≤5.0	6.8	25.0	34.1	31.8	90.9	3.9
Quince Orchard	126	7.1	22.2	38.1	23.0	9.5	70.6	3.1
Rockville	49	12.2	20.4	26.5	30.6	10.2	67.3	3.1
Seneca Valley	31	22.6	19.4	45.2	9.7	≤5.0	58.1	2.5
Sherwood	70	10.0	21.4	18.6	25.7	24.3	68.6	3.3
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	59	72.9	10.2	15.3	≤5.0	≤5.0	16.9	1.5
Wheaton	96	9.4	27.1	32.3	24.0	7.3	63.5	2.9
Walt Whitman	80	≤5.0	≤5.0	15.0	30.0	52.5	≥95.0	4.3
Thomas S. Wootton	113	≤5.0	12.4	17.7	34.5	35.4	87.6	3.9

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C17. 2017 MCPS Advanced Placement **World History**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	3,080	≤5.0	19.7	26.7	30.5	18.4	75.5	3.4
Bethesda-Chevy Chase	138	≤5.0	8.7	18.8	38.4	33.3	90.6	3.9
Montgomery Blair	247	≤5.0	13.4	19.8	43.3	19.8	83.0	3.6
James Hubert Blake	112	≤5.0	19.6	25.9	31.3	22.3	79.5	3.5
Winston Churchill	144	≤5.0	≤5.0	13.2	39.6	42.4	≥95.0	4.2
Clarksburg	146	5.5	28.1	33.6	23.3	9.6	66.4	3.0
Damascus	173	≤5.0	23.1	33.5	31.2	8.1	72.8	3.2
Albert Einstein	99	9.1	23.2	20.2	25.3	22.2	67.7	3.3
Gaithersburg	45	≤5.0	33.3	40.0	13.3	8.9	62.2	2.9
Walter Johnson	277	≤5.0	8.3	20.2	37.9	33.2	91.3	4.0
John F. Kennedy	58	15.5	44.8	25.9	10.3	≤5.0	39.7	2.4
Col. Zadok Magruder	66	≤5.0	15.2	27.3	34.8	19.7	81.8	3.5
Richard Montgomery	140	7.1	35.7	34.3	18.6	≤5.0	57.1	2.8
Northwest	237	7.2	25.3	33.8	26.2	7.6	67.5	3.0
Northwood	46	6.5	21.7	17.4	34.8	19.6	71.7	3.4
Paint Branch	171	≤5.0	26.9	30.4	29.2	9.4	69.0	3.1
Poolesville	217	≤5.0	11.1	33.6	31.3	21.2	86.2	3.6
Quince Orchard	176	10.2	32.4	34.7	18.2	≤5.0	57.4	2.7
Rockville	57	12.3	33.3	21.1	19.3	14.0	54.4	2.9
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	161	≤5.0	9.9	36.6	36.6	16.8	90.1	3.6
Springbrook	90	17.8	44.4	25.6	11.1	≤5.0	37.8	2.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	106	13.2	27.4	23.6	26.4	9.4	59.4	2.9
Walt Whitman	67	≤5.0	≤5.0	≤5.0	44.8	50.7	≥95.0	4.4
Thomas S. Wootton	107	≤5.0	≤5.0	19.6	39.3	38.3	≥95.0	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C18. 2017 MCPS Advanced Placement **Human Geography**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	686	13.1	13.3	23.0	27.1	23.5	73.6	3.3
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	85	10.6	15.3	24.7	25.9	23.5	74.1	3.4
James Hubert Blake	23	8.7	21.7	30.4	17.4	21.7	69.6	3.2
Winston Churchill	141	8.5	9.9	22.7	28.4	30.5	81.6	3.6
Clarksburg	--	--	--	--	--	--	--	--
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	34	17.6	17.6	26.5	23.5	14.7	64.7	3.0
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	15	≤5.0	6.7	33.3	26.7	33.3	93.3	3.9
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	23	17.4	13.0	21.7	26.1	21.7	69.6	3.2
Richard Montgomery	55	20.0	10.9	20.0	25.5	23.6	69.1	3.2
Northwest	25	36.0	16.0	20.0	12.0	16.0	48.0	2.6
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	60	8.3	6.7	15.0	31.7	38.3	85.0	3.9
Quince Orchard	19	26.3	26.3	26.3	15.8	5.3	47.4	2.5
Rockville	17	17.6	29.4	17.6	23.5	11.8	52.9	2.8
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	--	--	--	--	--	--	--	--
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	22	27.3	9.1	31.8	18.2	13.6	63.6	2.8
Walt Whitman	59	6.8	10.2	27.1	27.1	28.8	83.1	3.6
Thomas S. Wootton	93	7.5	17.2	23.7	37.6	14.0	75.3	3.3

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C19. 2017 MCPS Advanced Placement **Psychology**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	3,045	16.4	12.6	19.1	26.0	25.9	71.1	3.3
Bethesda-Chevy Chase	170	13.5	15.9	19.4	34.1	17.1	70.6	3.3
Montgomery Blair	241	14.5	11.2	19.9	19.5	34.9	74.3	3.5
James Hubert Blake	135	20.7	18.5	27.4	17.8	15.6	60.7	2.9
Winston Churchill	283	6.4	5.7	11.7	30.4	45.9	88.0	4.0
Clarksburg HS	115	19.1	19.1	18.3	27.8	15.7	61.7	3.0
Damascus	36	38.9	22.2	8.3	25.0	5.6	38.9	2.4
Albert Einstein	38	10.5	18.4	26.3	18.4	26.3	71.1	3.3
Gaithersburg	27	29.6	22.2	7.4	29.6	11.1	48.1	2.7
Walter Johnson	182	7.1	8.2	17.0	33.5	34.1	84.6	3.8
John F. Kennedy	37	54.1	21.6	10.8	10.8	≤5.0	24.3	1.9
Col. Zadok Magruder	45	22.2	13.3	17.8	31.1	15.6	64.4	3.0
Richard Montgomery	166	12.0	10.8	23.5	24.7	28.9	77.1	3.5
Northwest	140	25.7	9.3	19.3	23.6	22.1	65.0	3.1
Northwood	133	40.6	18.0	17.3	14.3	9.8	41.4	2.3
Paint Branch	115	23.5	10.4	23.5	19.1	23.5	66.1	3.1
Poolesville	110	5.5	6.4	19.1	30.0	39.1	88.2	3.9
Quince Orchard	173	28.3	14.5	17.9	24.9	14.5	57.2	2.8
Rockville	79	12.7	20.3	22.8	29.1	15.2	67.1	3.1
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	146	8.2	11.6	25.3	27.4	27.4	80.1	3.5
Springbrook	93	35.5	24.7	21.5	12.9	5.4	39.8	2.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	75	24.0	16.0	22.7	24.0	13.3	60.0	2.9
Walt Whitman	251	≤5.0	≤5.0	12.0	34.3	47.4	93.6	4.2
Thomas S. Wootton	255	12.5	15.3	24.3	28.6	19.2	72.2	3.3

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C20. 2017 MCPS Advanced Placement **Computer Science A**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	660	12.1	8.6	15.6	17.6	46.1	79.2	3.8
Bethesda-Chevy Chase	19	31.6	15.8	10.5	21.1	21.1	52.6	2.8
Montgomery Blair	111	≤5.0	≤5.0	5.4	10.8	82.0	≥95.0	4.7
James Hubert Blake	24	20.8	16.7	20.8	29.2	12.5	62.5	3.0
Winston Churchill	58	≤5.0	≤5.0	17.2	22.4	55.2	94.8	4.3
Clarksburg	14	≤5.0	≤5.0	21.4	28.6	50.0	≥95.0	4.3
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	17	29.4	23.5	47.1	≤5.0	≤5.0	47.1	2.2
Walter Johnson	36	16.7	13.9	19.4	22.2	27.8	69.4	3.3
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	53	≤5.0	9.4	26.4	13.2	47.2	86.8	3.9
Northwest	23	65.2	17.4	13.0	≤5.0	≤5.0	17.4	1.6
Northwood	10	50.0	10.0	≤5.0	20.0	20.0	40.0	2.5
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	89	5.6	13.5	19.1	23.6	38.2	80.9	3.8
Quince Orchard	14	14.3	42.9	21.4	7.1	14.3	42.9	2.6
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	17	23.5	11.8	29.4	23.5	11.8	64.7	2.9
Springbrook	18	50.0	5.6	22.2	16.7	5.6	44.4	2.2
Watkins Mill	10	20.0	20.0	10.0	20.0	30.0	60.0	3.2
Wheaton	26	30.8	19.2	23.1	15.4	11.5	50.0	2.6
Walt Whitman	28	≤5.0	≤5.0	25.0	46.4	25.0	≥95.0	3.9
Thomas S. Wootton	87	≤5.0	≤5.0	≤5.0	9.2	89.7	≥95.0	4.9

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C21. 2017 MCPS Advanced Placement **Computer Science Principles**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	696	5.3	13.5	35.6	26.0	19.5	81.2	3.4
Bethesda-Chevy Chase	56	≤5.0	12.5	46.4	26.8	14.3	87.5	3.4
Montgomery Blair	--	--	--	--	--	--	--	--
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	--	--	--	--	--	--	--	--
Clarksburg	39	5.1	7.7	38.5	28.2	20.5	87.2	3.5
Damascus	20	≤5.0	15.0	55.0	15.0	10.0	80.0	3.1
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	13	≤5.0	23.1	46.2	30.8	≤5.0	76.9	3.1
Walter Johnson	--	--	--	--	--	--	--	--
John F. Kennedy	10	≤5.0	30.0	40.0	20.0	10.0	70.0	3.1
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	--	--	--	--	--	--	--	--
Northwest	20	≤5.0	30.0	35.0	20.0	15.0	70.0	3.2
Northwood	15	33.3	13.3	13.3	33.3	6.7	53.3	2.7
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	115	5.2	15.7	40.9	27.0	11.3	79.1	3.2
Quince Orchard	58	5.2	15.5	32.8	34.5	12.1	79.3	3.3
Rockville	25	≤5.0	16.0	52.0	12.0	16.0	80.0	3.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	12	≤5.0	8.3	41.7	16.7	33.3	91.7	3.8
Springbrook	46	≤5.0	21.7	52.2	15.2	6.5	73.9	3.0
Watkins Mill	10	10.0	40.0	20.0	30.0	≤5.0	50.0	2.7
Wheaton	65	24.6	21.5	35.4	12.3	6.2	53.8	2.5
Walt Whitman	20	≤5.0	≤5.0	35.0	40.0	25.0	≥95.0	3.9
Thomas S. Wootton	156	≤5.0	≤5.0	21.2	33.3	41.0	≥95.0	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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 C22. 2017 MCPS Advanced Placement **Spanish Language**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, and 5; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, or 5					% Exam Scores 3 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5		
All Students	1,089	≤5.0	≤5.0	29.1	38.1	28.6	≥95.0	3.9
Bethesda-Chevy Chase	50	≤5.0	≤5.0	≤5.0	36.0	62.0	≥95.0	4.6
Montgomery Blair	68	≤5.0	≤5.0	14.7	38.2	47.1	≥95.0	4.3
James Hubert Blake	20	≤5.0	≤5.0	20.0	55.0	20.0	≥95.0	3.9
Winston Churchill	106	≤5.0	≤5.0	28.3	40.6	30.2	≥95.0	4.0
Clarksburg	24	≤5.0	≤5.0	29.2	45.8	25.0	≥95.0	4.0
Damascus	18	≤5.0	≤5.0	44.4	44.4	11.1	≥95.0	3.7
Albert Einstein	52	≤5.0	≤5.0	51.9	28.8	15.4	≥95.0	3.6
Gaithersburg	70	≤5.0	11.4	40.0	35.7	12.9	88.6	3.5
Walter Johnson	31	≤5.0	≤5.0	19.4	29.0	51.6	≥95.0	4.3
John F. Kennedy	66	≤5.0	13.6	42.4	31.8	7.6	81.8	3.2
Col. Zadok Magruder	48	≤5.0	≤5.0	35.4	39.6	22.9	≥95.0	3.8
Richard Montgomery	117	≤5.0	≤5.0	23.9	38.5	35.9	≥95.0	4.1
Northwest	45	≤5.0	≤5.0	28.9	51.1	17.8	≥95.0	3.8
Northwood	51	≤5.0	11.8	37.3	31.4	17.6	86.3	3.5
Paint Branch	29	≤5.0	6.9	62.1	17.2	13.8	93.1	3.4
Poolesville	15	≤5.0	≤5.0	33.3	33.3	33.3	≥95.0	4.0
Quince Orchard	34	≤5.0	11.8	32.4	41.2	14.7	88.2	3.6
Rockville	10	≤5.0	≤5.0	40.0	40.0	20.0	≥95.0	3.8
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	37	≤5.0	≤5.0	40.5	37.8	21.6	≥95.0	3.8
Springbrook	45	≤5.0	≤5.0	24.4	35.6	37.8	≥95.0	4.1
Watkins Mill	19	≤5.0	15.8	47.4	31.6	5.3	84.2	3.3
Wheaton	23	≤5.0	≤5.0	13.0	43.5	43.5	≥95.0	4.3
Walt Whitman	76	≤5.0	≤5.0	11.8	42.1	46.1	≥95.0	4.3
Thomas S. Wootton	35	≤5.0	≤5.0	20.0	54.3	25.7	≥95.0	4.1

Note. 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 ≥95.0 or ≤5.0, respectively. 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.

Appendix D

Table D1. Number of International Baccalaureate Exams Taken by MCPS Students and Number and Percentage of International Baccalaureate Exam Scores of 4 or Higher in 2017 by Race/Ethnicity

	<i>N</i> IB Exams Taken	<i>N</i> IB Exams 4 or Higher	% IB Exams 4 or Higher
All Students	3,770	2,799	74.2
Asian	802	649	80.9
Black or African American	734	382	52.0
Hispanic/Latino	744	473	63.6
White	1,270	1,122	88.3
Two or More Races	217	170	78.3

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017.

Table D2a. Number of International Baccalaureate Exams Taken by MCPS Students and Number and Percentage of International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Race/Ethnicity

High School	N IB Exams Taken	All Students		N IB Exams Taken	Asian		N IB Exams Taken	Black or African American	
		N Exams 4 or Higher	% Exams 4 or Higher		N Exams 4 or Higher	% Exams 4 or Higher		N Exams 4 or Higher	% Exams 4 or Higher
All Students	3,770	2,799	74.2	802	649	80.9	734	382	52.0
Bethesda-Chevy Chase	652	578	88.7	27	21	77.8	43	31	72.1
Albert Einstein	150	122	81.3	30	25	83.3	--	--	91.7
John F. Kennedy	396	114	28.8	64	20	31.3	152	31	20.4
Richard Montgomery	983	913	92.9	413	392	94.9	124	102	82.3
Rockville	372	333	89.5	63	57	90.5	26	21	80.8
Seneca Valley	449	331	73.7	91	69	75.8	114	75	65.8
Springbrook	336	194	57.7	43	20	46.5	154	81	52.6
Watkins Mill	432	214	49.5	71	45	63.4	109	30	27.5

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥ 95.0 or ≤ 5.0 , respectively, and the number of IB exams and the number of exams with scores of 4 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D2b. Number of International Baccalaureate Exams Taken by MCPS Students and Number and Percentage of International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Race/Ethnicity

High School	<u>Hispanic/Latino</u>			<u>White</u>			<u>Two or More Races</u>		
	<i>N</i> IB Exams Taken	<i>N</i> Exams 4 or Higher	% Exams 4 or Higher	<i>N</i> IB Exams Taken	<i>N</i> Exams 4 or Higher	% Exams 4 or Higher	<i>N</i> IB Exams Taken	<i>N</i> Exams 4 or Higher	% Exams 4 or Higher
All Students	744	473	63.6	1,270	1,122	88.3	217	170	78.3
Bethesda-Chevy Chase	84	75	89.3	453	407	89.8	--	--	≥95.0
Albert Einstein	24	15	62.5	70	61	87.1	--	--	71.4
John F. Kennedy	151	49	32.5	--	--	42.1	--	--	60.0
Richard Montgomery	87	79	90.8	--	--	≥95.0	62	56	90.3
Rockville	83	70	84.3	178	165	92.7	22	20	90.9
Seneca Valley	104	75	72.1	121	99	81.8	--	--	64.7
Springbrook	60	35	58.3	58	47	81.0	21	11	52.4
Watkins Mill	151	75	49.7	75	52	69.3	26	12	46.2

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of IB exams and the number of exams with scores of 4 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D3a. Number of Students Who Took One or More International Baccalaureate Exams and Number and Percentage of Test Takers Who Earned One or More International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Race/Ethnicity

High School	<u>All Students</u>			<u>Asian</u>			<u>Black or African American</u>		
	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher
All Students	1,541	1,247	80.9	298	257	86.2	307	198	64.5
Bethesda-Chevy Chase	282	252	89.4	--	--	92.3	22	15	68.2
Albert Einstein	66	56	84.8	--	--	81.8	--	--	--
John F. Kennedy	173	80	46.2	28	12	42.9	58	24	41.4
Richard Montgomery	--	--	≥95.0	--	--	≥95.0	--	--	≥95.0
Rockville	159	148	93.1	26	23	88.5	--	--	84.6
Seneca Valley	191	150	78.5	34	31	91.2	49	34	69.4
Springbrook	156	116	74.4	23	14	60.9	72	52	72.2
Watkins Mill	194	129	66.5	28	22	78.6	51	22	43.1

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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 D3b. Number of Students Who Took One or More International Baccalaureate Exams and Number and Percentage of Test Takers Who Earned One or More International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Race/Ethnicity

High School	<u>Hispanic/Latino</u>			<u>White</u>			<u>Two or More Races</u>		
	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher
All Students	323	239	74.0	527	476	90.3	84	75	89.3
Bethesda-Chevy Chase	36	33	91.7	189	170	89.9	--	--	≥95.0
Albert Einstein	--	--	54.5	30	28	93.3	--	--	--
John F. Kennedy	75	36	48.0	--	--	--	--	--	--
Richard Montgomery	29	27	93.1	--	--	≥95.0	--	--	≥95.0
Rockville	34	31	91.2	--	--	≥95.0	--	--	≥95.0
Seneca Valley	44	34	77.3	56	45	80.4	--	--	--
Springbrook	27	21	77.8	27	23	85.2	--	--	--
Watkins Mill	67	51	76.1	36	27	75.0	--	--	58.3

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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 D4. Number of Students Who Took One or More International Baccalaureate Exams and Number and Percentage of Test Takers Who Earned One or More International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Gender

High School	N Took IB Exam	Male		Female		
		N Scored 4 or Higher	% Scored 4 or Higher	N Took IB Exam	N Scored 4 or Higher	% Scored 4 or Higher
All Students	641	509	79.4	900	738	82.0
Bethesda-Chevy Chase	127	109	85.8	155	143	92.3
Albert Einstein	--	--	≥95.0	46	36	78.3
John F. Kennedy	64	28	43.8	109	52	47.7
Richard Montgomery	--	--	≥95.0	--	--	≥95.0
Rockville	66	60	90.9	93	88	94.6
Seneca Valley	62	47	75.8	129	103	79.8
Springbrook	68	48	70.6	88	68	77.3
Watkins Mill	88	53	60.2	106	76	71.7

Note. IB = International Baccalaureate. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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 D5. Number of Students Who Took One or More International Baccalaureate Exams and Number and Percentage of Test Takers Who Earned One or More International Baccalaureate Exam Scores of 4 or Higher in 2017 by High School and Service Group

High School	<u>FARMS</u>			<u>Special Education</u>			<u>LEP</u>		
	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher	<i>N</i> Took IB Exams	<i>N</i> Scored 4 or Higher	% Scored 4 or Higher
All Students	341	209	61.3	--	--	55.0	53	34	64.2
Bethesda-Chevy Chase	--	--	54.5	--	--	--	--	--	--
Albert Einstein	--	--	71.4	--	--	--	--	--	--
John F. Kennedy	97	43	44.3	--	--	--	--	--	42.9
Richard Montgomery	--	--	92.9	--	--	--	--	--	--
Rockville	--	--	83.3	--	--	--	--	--	--
Seneca Valley	54	36	66.7	--	--	--	--	--	--
Springbrook	50	36	72.0	--	--	--	--	--	--
Watkins Mill	83	50	60.2	--	--	--	--	--	70.0

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥ 95.0 or ≤ 5.0 , respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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 D6. Number and Percentage of MCPS Students Who Took International Baccalaureate Exams in 2017 by Number of International Baccalaureate Exams Taken by Race/Ethnicity

	N Took Any IB Exams	IB Exam(s)									
		N Took One	N Took Two	N Took Three	N Took Four	N Took Five+	% Took One	% Took Two	% Took Three	% Took Four	% Took Five+
All Students	1,541	638	376	--	187	266	41.4	24.4	≤5.0	12.1	17.3
Asian	298	96	75	17	59	51	32.2	25.2	5.7	19.8	17.1
Black or African American	307	136	70	21	23	57	44.3	22.8	6.8	7.5	18.6
Hispanic/Latino	323	153	74	18	24	54	47.4	22.9	5.6	7.4	16.7
White	527	220	134	--	69	87	41.7	25.4	≤5.0	13.1	16.5
Two or More Races	84	32	22	--	12	17	38.1	26.2	≤5.0	14.3	20.2

Note. IB = International Baccalaureate. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students, but are not reported separately due to small sample size. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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 D7. Number and Percentage of MCPS Students Who Took International Baccalaureate Exams in 2017 by Number of International Baccalaureate Exams Taken by High School

High School	N Took Any IB Exams	IB Exam(s)									
		N Took One	N Took Two	N Took Three	N Took Four	N Took Five+	% Took One	% Took Two	% Took Three	% Took Four	% Took Five+
All Students	1,541	638	376	--	187	266	41.4	24.4	≤5.0	12.1	17.3
Bethesda-Chevy Chase	282	151	47	--	21	59	53.5	16.7	≤5.0	7.4	20.9
Albert Einstein	66	32	13	--	11	7	48.5	19.7	≤5.0	16.7	10.6
John F. Kennedy	173	82	35	18	10	28	47.4	20.2	10.4	5.8	16.2
Richard Montgomery	320	68	91	--	84	77	21.3	28.4	≤5.0	26.3	24.1
Rockville	159	59	51	--	24	19	37.1	32.1	≤5.0	15.1	11.9
Seneca Valley	191	79	51	16	17	28	41.4	26.7	8.4	8.9	14.7
Springbrook	156	88	29	--	10	24	56.4	18.6	≤5.0	6.4	15.4
Watkins Mill	194	79	59	22	10	24	40.7	30.4	11.3	5.2	12.4

Note. IB = International Baccalaureate. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2017. 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 ≥95.0 or ≤5.0, respectively, and the number of students who took IB exams and the number of students with at least a score of 4 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.