

MEMORANDUM

December 19, 2019

Information - ANNUAL



Office of Shared Accountability
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

TO: High School Principals
FROM: Janet S. Wilson, Associate Superintendent
SUBJECT: *2019 Advanced Placement and International Baccalaureate Course Enrollment and Exam Participation and Performance for High School Students in Montgomery County Public Schools*

Summary

- This memorandum provides you with the information related to Advanced Placement (AP) and International Baccalaureate (IB) course enrollment, exam participation, and exam performance during the 2018–2019 school year in Montgomery County Public Schools (MCPS).
- In 2019, all 25 MCPS comprehensive high schools offered AP courses and 8 high schools provided IB programs. Districtwide, more than 56.0 percent of MCPS high school students enrolled in at least one AP or IB course in 2019. In the past three years, the rate of AP/IB course enrollment increased 6.8 percentage points.
- The continued emphasis on rigorous course-taking resulted in 41,048 AP exams taken by MCPS students in 2019 and 29,334 of those tests had a score of 3 or higher. The percentage of AP exams taken by MCPS students who attained scores of 3 or higher (71.5 percent) was 4.7 and 13.6 percentage points higher than those for public school students in the state of Maryland (66.8 percent) and the nation (57.9 percent), respectively.
- In 2019, 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, U.S. History, Calculus AB, Statistics, Computer Science Principles, Biology, Calculus BC, Spanish Language and Culture, Environmental Science, Chemistry, Physics 1, Microeconomics, Macroeconomics, Human Geography, Computer Science A, and Physics C: Mechanics.
- The number of IB exams taken by MCPS students decreased from 3,770 in 2017 to 3,587 in 2019. In 2019, the 10 IB exams most frequently taken by students in MCPS were: History, English A: Literature, Spanish B, Mathematics, English A: Language and Literature, Biology, Mathematical Studies, Psychology, Physics, and Social and Cultural Anthropology.

Links/Additional Information

More detailed information on SAT participation and performance can be accessed on the MCPS Data Dashboards via the following links.

- [AP/IB Course Enrollment](#)
- [AP/IB Exams Taken by High School Students](#)
- [AP Exam Participation and Performance for Test Takers](#)
- [AP Exam by Subject](#)
- [IB Exam Participation and Performance for Test Takers](#)
- [IB Exam by Subject](#)

Questions may be directed to Dr. Kecia L. Addison, supervisor, Applied Research Unit, Office of Shared Accountability, at 240-740-2930.

Approved by:

Henry R. Johnson, Jr., Chief of Staff

Appendix A

Table A1. Number of Advanced Placement and International Baccalaureate Courses Offered from 2017 to 2019 by High School

High School	Number of AP Courses Offered			Number of IB Courses Offered			Number of AP/IB Courses Offered		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
MCPS	50	49	58	61	60	65	111	109	122
Bethesda-Chevy Chase	23	26	28	37	38	41	60	64	68
Montgomery Blair	28	31	34	0	0	0	28	31	34
James Hubert Blake	29	28	30	0	0	0	29	28	30
Winston Churchill	32	32	34	0	0	0	32	32	34
Clarksburg	28	28	29	0	0	0	28	28	29
Damascus	26	30	31	0	0	0	26	30	31
Albert Einstein	20	23	30	28	32	34	48	55	64
Gaithersburg	25	27	29	0	0	0	25	27	29
Walter Johnson	36	38	40	0	0	0	36	38	40
John F. Kennedy	14	11	14	32	37	43	46	48	56
Col. Zadok Magruder	24	25	28	0	0	0	24	25	28
Richard Montgomery	25	29	28	43	43	43	68	72	71
Northwest	26	26	28	0	0	0	26	26	28
Northwood	21	21	23	0	0	0	21	21	23
Paint Branch	19	20	19	0	0	0	19	20	19
Poolesville	28	31	33	0	0	0	28	31	33
Quince Orchard	33	35	34	0	0	0	33	35	34
Rockville	21	20	23	25	25	27	46	45	50
Seneca Valley	11	9	9	33	34	33	44	43	42
Sherwood	28	26	29	0	0	0	28	26	29
Springbrook	20	22	24	34	33	31	54	55	54
Watkins Mill	9	10	9	32	32	32	41	42	41
Wheaton	20	21	23	0	0	0	20	21	23
Walt Whitman	35	36	37	0	0	0	35	36	37
Thomas S. Wootton	33	33	35	0	0	0	33	33	35

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

Appendix B

Table B1a. Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement Exam Scores of 3 or Higher in 2018 and 2019 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	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	40,404	41,048	28,604	29,334	70.8	71.5	10,911	11,269	8,435	8,833	77.3	78.4	5,060	5,210	2,382	2,508	47.1	48.1
Bethesda-Chevy Chase	2,054	1,912	1,610	1,492	78.4	78.0	107	118	79	90	73.8	76.3	153	125	79	60	51.6	48.0
Montgomery Blair	2,365	2,482	2,056	2,163	86.9	87.1	836	881	764	826	91.4	93.8	295	344	182	219	61.7	63.7
James Hubert Blake	1,051	1,261	646	717	61.5	56.9	151	189	87	114	57.6	60.3	286	407	138	186	48.3	45.7
Winston Churchill	3,489	3,445	2,853	2,879	81.8	83.6	1,277	1,307	1,079	1,132	84.5	86.6	147	126	99	85	67.3	67.5
Clarksburg	1,472	1,741	1,018	1,193	69.2	68.5	575	645	411	450	71.5	69.8	244	305	153	179	62.7	58.7
Damascus	1,139	1,081	710	653	62.3	60.4	172	136	112	86	65.1	63.2	81	80	44	38	54.3	47.5
Albert Einstein	1,012	990	616	601	60.9	60.7	168	139	101	83	60.1	59.7	130	128	57	53	43.8	41.4
Gaithersburg	801	803	443	413	55.3	51.4	146	120	70	55	47.9	45.8	168	183	85	81	50.6	44.3
Walter Johnson	2,696	2,789	2,292	2,404	85.0	86.2	354	405	297	351	83.9	86.7	158	178	99	128	62.7	71.9
John F. Kennedy	462	487	164	159	35.5	32.6	61	76	27	34	44.3	44.7	169	150	57	44	33.7	29.3
Col. Zadok Magruder	1,135	937	660	553	58.1	59.0	264	211	177	127	67.0	60.2	140	97	49	38	35.0	39.2
Richard Montgomery	2,458	2,553	1,983	2,069	80.7	81.0	1,017	1,073	869	925	85.4	86.2	254	269	163	163	64.2	60.6
Northwest	2,616	2,689	1,458	1,555	55.7	57.8	824	901	568	603	68.9	66.9	456	427	134	165	29.4	38.6
Northwood	787	784	407	397	51.7	50.6	90	92	57	54	63.3	58.7	182	165	72	59	39.6	35.8
Paint Branch	1,229	1,180	663	625	53.9	53.0	346	303	194	181	56.1	59.7	586	592	283	264	48.3	44.6
Poolesville	2,044	2,059	1,789	1,809	87.5	87.9	920	969	829	882	90.1	91.0	69	69	59	59	85.5	85.5
Quince Orchard	2,343	2,488	1,333	1,514	56.9	60.9	456	501	292	342	64.0	68.3	196	208	65	98	33.2	47.1
Rockville	902	997	483	505	53.5	50.7	151	162	84	99	55.6	61.1	77	111	44	46	57.1	41.4
Seneca Valley	189	177	115	75	60.8	42.4	45	45	28	24	62.2	53.3	47	40	24	14	51.1	35.0
Sherwood	1,616	1,423	1,059	1,035	65.5	72.7	279	262	181	193	64.9	73.7	116	117	46	70	39.7	59.8
Springbrook	1,489	1,375	529	475	35.5	34.5	355	350	141	146	39.7	41.7	547	511	159	134	29.1	26.2
Watkins Mill	265	242	93	91	35.1	37.6	52	46	19	13	36.5	28.3	62	58	12	13	19.4	22.4
Wheaton	1,338	1,451	770	912	57.5	62.9	344	368	199	234	57.8	63.6	370	391	183	214	49.5	54.7
Walt Whitman	2,589	2,780	2,260	2,455	87.3	88.3	469	471	416	423	88.7	89.8	46	42	37	36	80.4	85.7
Thomas S. Wootton	2,847	2,921	2,592	2,589	91.0	88.6	1,451	1,499	1,354	1,366	93.3	91.1	79	87	59	62	74.7	71.3

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 2019. 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 B1b. Number of Advanced Placement Exams Taken by MCPS Students and Number and Percentage of Advanced Placement Exam Scores of 3 or Higher in 2018 and 2019 by High School and Race/Ethnicity

High School	Hispanic/Latino						White						Two or More Races					
	N		N		%		N		N		%		N		N		%	
	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	AP Exams Taken	AP Exams Taken	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher	Exams 3 or Higher
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	5,509	5,601	3042	3,083	55.2	55.0	16,689	16,754	13,049	13,214	78.2	78.9	2,177	2,150	1,666	1,660	76.5	77.2
Bethesda-Chevy Chase	222	162	148	106	66.7	65.4	1,404	1,374	1,175	1,123	83.7	81.7	165	129	127	109	77.0	84.5
Montgomery Blair	216	215	159	159	73.6	74.0	844	874	801	806	94.9	92.2	171	165	147	153	86.0	92.7
James Hubert Blake	185	256	102	121	55.1	47.3	338	317	247	234	73.1	73.8	91	90	72	61	79.1	67.8
Winston Churchill	238	220	182	177	76.5	80.5	1,632	1,586	1,325	1,316	81.2	83.0	194	203	167	166	86.1	81.8
Clarksburg	186	270	109	165	58.6	61.1	403	459	303	351	75.2	76.5	63	61	41	47	65.1	77.0
Damascus	137	145	74	70	54.0	48.3	671	655	420	415	62.6	63.4	74	61	59	42	79.7	68.9
Albert Einstein	275	272	139	141	50.5	51.8	398	415	293	295	73.6	71.1	41	36	26	29	63.4	80.6
Gaithersburg	242	277	136	133	56.2	48.0	201	181	131	119	65.2	65.7	44	42	21	25	47.7	59.5
Walter Johnson	334	322	260	260	77.8	80.7	1,661	1,685	1,465	1,508	88.2	89.5	189	198	171	157	90.5	79.3
John F. Kennedy	189	217	59	54	31.2	24.9	36	36	19	24	52.8	66.7	--	--	--	--	--	--
Col. Zadok Magruder	267	220	143	133	53.6	60.5	391	352	246	225	62.9	63.9	73	54	45	29	61.6	53.7
Richard Montgomery	270	306	199	211	73.7	69.0	806	780	656	653	81.4	83.7	105	--	93	--	88.6	≥95.0
Northwest	330	345	137	136	41.5	39.4	886	898	553	589	62.4	65.6	118	116	66	62	55.9	53.4
Northwood	274	273	120	114	43.8	41.8	209	216	139	144	66.5	66.7	32	37	19	25	59.4	67.6
Paint Branch	123	138	61	73	49.6	52.9	120	102	92	80	76.7	78.4	51	45	32	27	62.7	60.0
Poolesville	132	117	107	95	81.1	81.2	803	784	694	668	86.4	85.2	116	116	99	103	85.3	88.8
Quince Orchard	339	362	167	180	49.3	49.7	1,222	1,291	729	814	59.7	63.1	128	124	80	79	62.5	63.7
Rockville	234	268	73	94	31.2	35.1	386	406	244	234	63.2	57.6	43	36	33	26	76.7	72.2
Seneca Valley	38	34	21	9	55.3	26.5	46	46	35	25	76.1	54.3	--	--	--	--	53.8	25.0
Sherwood	176	145	104	97	59.1	66.9	965	806	670	601	69.4	74.6	77	87	57	71	74.0	81.6
Springbrook	378	311	112	98	29.6	31.5	146	143	85	74	58.2	51.7	63	59	32	22	50.8	37.3
Watkins Mill	93	94	32	43	34.4	45.7	44	34	25	19	56.8	55.9	--	--	--	--	35.7	30.0
Wheaton	332	378	154	215	46.4	56.9	249	265	203	209	81.5	78.9	43	49	31	40	72.1	81.6
Walt Whitman	205	172	163	137	79.5	79.7	1,715	1,938	1,512	1,722	88.2	88.9	147	152	128	132	87.1	86.8
Thomas S. Wootton	93	81	81	61	87.1	75.3	1,103	1,111	985	966	89.3	86.9	113	138	106	130	93.8	94.2

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Table B2a. 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 2018 and 2019 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	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	20,260	20,833	14,881	15,236	73.5	73.1	4,732	4,888	3,829	3,978	80.9	81.4	2,960	3,133	1,531	1,617	51.7	51.6
Bethesda-Chevy Chase	1,010	997	860	816	85.1	81.8	49	53	40	42	81.6	79.2	81	76	48	43	59.3	56.6
Montgomery Blair	1,024	1,093	908	955	88.7	87.4	283	287	260	271	91.9	94.4	166	199	119	135	71.7	67.8
James Hubert Blake	532	678	367	421	69.0	62.1	72	96	50	59	69.4	61.5	165	230	92	115	55.8	50.0
Winston Churchill	1,443	1,462	1,252	1,278	86.8	87.4	476	509	429	464	90.1	91.2	78	70	54	50	69.2	71.4
Clarksburg	773	926	578	646	74.8	69.8	270	326	216	236	80.0	72.4	144	177	95	102	66.0	57.6
Damascus	554	549	363	356	65.5	64.8	68	68	47	50	69.1	73.5	46	43	25	24	54.3	55.8
Albert Einstein	612	611	399	418	65.2	68.4	86	74	61	53	70.9	71.6	90	90	41	46	45.6	51.1
Gaithersburg	482	479	309	284	64.1	59.3	78	72	43	40	55.1	55.6	107	101	59	53	55.1	52.5
Walter Johnson	1,299	1,342	1,163	1,181	89.5	88.0	165	189	153	172	92.7	91.0	83	86	57	65	68.7	75.6
John F. Kennedy	350	339	134	129	38.3	38.1	46	46	18	25	39.1	54.3	125	103	47	33	37.6	32.0
Col. Zadok Magruder	611	512	401	339	65.6	66.2	121	102	90	77	74.4	75.5	75	52	34	25	45.3	48.1
Richard Montgomery	1,105	1,143	913	958	82.6	83.8	397	410	344	362	86.6	88.3	131	145	96	95	73.3	65.5
Northwest	1,417	1,491	797	875	56.2	58.7	403	438	287	312	71.2	71.2	269	279	89	111	33.1	39.8
Northwood	478	483	282	279	59.0	57.8	49	53	34	33	69.4	62.3	112	104	49	44	43.8	42.3
Paint Branch	679	652	432	392	63.6	60.1	168	140	120	103	71.4	73.6	352	358	199	185	56.5	51.7
Poolesville	835	861	732	769	87.7	89.3	331	--	310	--	93.7	≥95.0	32	38	29	34	90.6	89.5
Quince Orchard	1,102	1,164	703	778	63.8	66.8	192	202	141	158	73.4	78.2	101	114	31	50	30.7	43.9
Rockville	540	580	311	332	57.6	57.2	89	83	54	59	60.7	71.1	50	65	30	29	60.0	44.6
Seneca Valley	184	172	113	71	61.4	41.3	44	43	27	22	61.4	51.2	43	40	23	14	53.5	35.0
Sherwood	884	768	632	589	71.5	76.7	133	124	99	98	74.4	79.0	77	77	32	51	41.6	66.2
Springbrook	760	804	339	332	44.6	41.3	151	168	86	92	57.0	54.8	300	326	104	103	34.7	31.6
Watkins Mill	252	228	86	86	34.1	37.7	49	45	18	13	36.7	28.9	60	55	11	12	18.3	21.8
Wheaton	706	776	434	533	61.5	68.7	173	164	113	117	65.3	71.3	202	225	112	137	55.4	60.9
Walt Whitman	1,240	1,318	1,130	1,196	91.1	90.7	--	--	--	--	≥95.0	≥95.0	25	26	21	24	84.0	92.3
Thomas S. Wootton	1,376	1,404	1,241	1,222	90.2	87.0	634	636	594	583	93.7	91.7	45	54	34	37	75.6	68.5

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Table B2b. 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 2018 and 2019 by High School and Race/Ethnicity

High School	Hispanic/Latino						White						Two or More Races					
	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	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	3,200	3,339	1,952	1,996	61.0	59.8	8,290	8,394	6,738	6,798	81.3	81.0	1,046	1,043	812	822	77.6	78.8
Bethesda-Chevy Chase	105	90	81	62	77.1	68.9	701	715	630	614	89.9	85.9	72	60	59	52	81.9	86.7
Montgomery Blair	139	124	110	99	79.1	79.8	--	410	--	382	≥95.0	93.2	71	72	65	68	91.5	94.4
James Hubert Blake	95	135	67	80	70.5	59.3	156	169	123	129	78.8	76.3	44	46	35	37	79.5	80.4
Winston Churchill	105	100	82	81	78.1	81.0	709	700	616	612	86.9	87.4	74	82	70	70	94.6	85.4
Clarksburg	119	154	72	99	60.5	64.3	203	232	167	178	82.3	76.7	36	36	27	30	75.0	83.3
Damascus	72	76	41	41	56.9	53.9	335	330	226	222	67.5	67.3	30	29	23	17	76.7	58.6
Albert Einstein	175	167	104	105	59.4	62.9	233	256	174	195	74.7	76.2	28	24	19	19	67.9	79.2
Gaithersburg	153	180	106	106	69.3	58.9	117	104	85	72	72.6	69.2	27	22	16	13	59.3	59.1
Walter Johnson	166	168	146	138	88.0	82.1	799	805	727	728	91.0	90.4	86	93	80	78	93.0	83.9
John F. Kennedy	151	163	54	51	35.8	31.3	23	21	13	17	56.5	81.0	--	--	--	--	--	--
Col. Zadok Magruder	158	134	103	94	65.2	70.1	220	192	149	122	67.7	63.5	37	29	25	20	67.6	69.0
Richard Montgomery	136	155	104	120	76.5	77.4	387	373	324	325	83.7	87.1	52	58	44	55	84.6	94.8
Northwest	205	227	88	93	42.9	41.0	469	486	302	326	64.4	67.1	69	60	31	33	44.9	55.0
Northwood	178	168	93	87	52.2	51.8	120	137	92	98	76.7	71.5	--	--	--	--	73.7	80.0
Paint Branch	77	82	49	49	63.6	59.8	57	50	47	38	82.5	76.0	24	22	16	17	66.7	77.3
Poolesville	55	57	46	46	83.6	80.7	367	350	306	292	83.4	83.4	47	53	40	47	85.1	88.7
Quince Orchard	179	202	106	112	59.2	55.4	578	590	389	420	67.3	71.2	51	55	36	37	70.6	67.3
Rockville	149	167	53	75	35.6	44.9	223	240	152	154	68.2	64.2	23	--	19	--	82.6	63.2
Seneca Valley	38	34	21	9	55.3	26.5	46	44	35	23	76.1	52.3	--	--	--	--	53.8	27.3
Sherwood	104	83	79	61	76.0	73.5	528	441	392	345	74.2	78.2	40	41	29	32	72.5	78.0
Springbrook	204	204	81	75	39.7	36.8	72	74	49	47	68.1	63.5	33	31	19	14	57.6	45.2
Watkins Mill	90	88	30	41	33.3	46.6	41	30	23	17	56.1	56.7	--	--	--	--	33.3	30.0
Wheaton	200	241	106	157	53.0	65.1	109	120	89	101	81.7	84.2	22	26	14	21	63.6	80.8
Walt Whitman	91	84	83	74	91.2	88.1	850	933	768	840	90.4	90.0	67	73	61	66	91.0	90.4
Thomas S. Wootton	55	55	47	40	85.5	72.7	576	592	506	501	87.8	84.6	63	65	57	59	90.5	90.8

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 2019. 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 B3. 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 2018 and 2019 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	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	9,243	9,470	6,911	6,951	74.8	73.4	11,017	11,363	7,970	8,285	72.3	72.9
Bethesda-Chevy Chase	476	474	407	388	85.5	81.9	534	523	453	428	84.8	81.8
Montgomery Blair	466	501	430	440	92.3	87.8	558	592	478	515	85.7	87.0
James Hubert Blake	179	243	131	153	73.2	63.0	353	435	236	268	66.9	61.6
Winston Churchill	747	740	638	648	85.4	87.6	696	722	614	630	88.2	87.3
Clarksburg	282	360	218	253	77.3	70.3	491	566	360	393	73.3	69.4
Damascus	236	247	164	155	69.5	62.8	318	302	199	201	62.6	66.6
Albert Einstein	225	219	146	142	64.9	64.8	387	392	253	276	65.4	70.4
Gaithersburg	191	176	124	114	64.9	64.8	291	303	185	170	63.6	56.1
Walter Johnson	607	672	543	598	89.5	89.0	692	670	620	583	89.6	87.0
John F. Kennedy	113	119	40	42	35.4	35.3	237	220	94	87	39.7	39.5
Col. Zadok Magruder	290	222	191	155	65.9	69.8	321	290	210	184	65.4	63.4
Richard Montgomery	479	498	399	417	83.3	83.7	626	645	514	541	82.1	83.9
Northwest	644	673	345	384	53.6	57.1	773	818	452	491	58.5	60.0
Northwood	159	160	100	91	62.9	56.9	319	323	182	188	57.1	58.2
Paint Branch	286	266	188	154	65.7	57.9	393	386	244	238	62.1	61.7
Poolesville	419	403	378	369	90.2	91.6	416	458	354	400	85.1	87.3
Quince Orchard	496	511	307	329	61.9	64.4	606	653	396	449	65.3	68.8
Rockville	261	299	164	175	62.8	58.5	279	281	147	157	52.7	55.9
Seneca Valley	81	67	52	26	64.2	38.8	103	105	61	45	59.2	42.9
Sherwood	391	336	281	250	71.9	74.4	493	432	351	339	71.2	78.5
Springbrook	419	453	202	196	48.2	43.3	341	351	137	136	40.2	38.7
Watkins Mill	114	112	40	34	35.1	30.4	138	116	46	52	33.3	44.8
Wheaton	399	402	253	276	63.4	68.7	307	374	181	257	59.0	68.7
Walt Whitman	616	649	572	579	92.9	89.2	624	669	558	617	89.4	92.2
Thomas S. Wootton	659	668	597	583	90.6	87.3	717	736	644	639	89.8	86.8

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2019.

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 2018 and 2019 by High School and Service Group

	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	
	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
High School	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
All Students	3,105	3,186	1,594	1,732	51.3	54.4	450	478	269	265	59.8	55.4	636	589	429	405	67.5	68.8
Bethesda-Chevy Chase	38	43	17	22	44.7	51.2	36	43	25	27	69.4	62.8	--	--	--	--	57.1	66.7
Montgomery Blair	178	171	131	123	73.6	71.9	25	29	23	27	92.0	93.1	28	26	22	18	78.6	69.2
James Hubert Blake	126	180	67	104	53.2	57.8	--	23	--	12	--	52.2	--	--	--	--	--	54.5
Winston Churchill	33	30	20	24	60.6	80.0	40	46	28	31	70.0	67.4	24	--	18	--	75.0	--
Clarksburg	104	134	63	90	60.6	67.2	--	--	--	--	--	63.6	--	23	--	17	66.7	73.9
Damascus	53	46	21	27	39.6	58.7	--	--	--	--	--	--	--	--	--	--	--	--
Albert Einstein	185	154	104	97	56.2	63.0	--	--	--	--	57.1	50.0	29	26	27	22	93.1	84.6
Gaithersburg	148	178	92	97	62.2	54.5	--	--	--	--	--	--	50	38	37	28	74.0	73.7
Walter Johnson	60	70	52	59	86.7	84.3	45	37	37	26	82.2	70.3	32	24	23	18	71.9	75.0
John F. Kennedy	157	152	58	53	36.9	34.9	--	--	--	--	--	--	43	40	24	18	55.8	45.0
Col. Zadok Magruder	144	101	88	63	61.1	62.4	--	--	--	--	33.3	46.2	29	28	22	25	75.9	89.3
Richard Montgomery	118	135	89	96	75.4	71.1	--	--	--	--	60.0	46.7	30	36	21	30	70.0	83.3
Northwest	208	206	81	86	38.9	41.7	34	26	7	7	20.6	26.9	--	22	--	8	18.8	36.4
Northwood	185	176	95	91	51.4	51.7	--	22	--	11	57.1	50.0	51	--	36	--	70.6	76.5
Paint Branch	187	202	105	103	56.1	51.0	--	--	--	--	--	--	--	--	--	--	--	50.0
Poolesville	37	44	27	33	73.0	75.0	--	22	--	17	93.8	77.3	--	--	--	--	--	--
Quince Orchard	184	164	83	83	45.1	50.6	31	40	10	17	32.3	42.5	40	50	30	34	75.0	68.0
Rockville	114	110	41	53	36.0	48.2	24	24	9	3	37.5	12.5	22	--	5	--	22.7	50.0
Seneca Valley	40	38	22	12	55.0	31.6	--	--	--	--	--	--	--	--	--	--	--	--
Sherwood	67	47	36	32	53.7	68.1	--	--	--	--	20.0	--	35	27	24	20	68.6	74.1
Springbrook	318	336	113	115	35.5	34.2	--	--	--	--	21.4	28.6	44	59	19	29	43.2	49.2
Watkins Mill	99	111	25	41	25.3	36.9	--	--	--	--	--	--	--	22	--	16	66.7	72.7
Wheaton	272	307	123	186	45.2	60.6	--	--	--	--	84.6	60.0	31	41	19	29	61.3	70.7
Walt Whitman	--	--	--	--	--	≥95.0	37	39	32	27	86.5	69.2	--	28	--	26	≥95.0	92.9
Thomas S. Wootton	40	40	33	31	82.5	77.5	--	--	--	--	71.4	52.6	29	--	22	--	75.9	88.9

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 2019. 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 B5. 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	2018	20,260	9,759	4,701	3,182	1,694	--	48.2	23.2	15.7	8.4	≤5.0
	2019	20,833	10,072	4,964	3,251	1,715	--	48.3	23.8	15.6	8.2	≤5.0
Asian	2018	4,732	1,819	1,138	834	547	394	38.4	24.0	17.6	11.6	8.3
	2019	4,888	1,855	1,190	879	579	385	38.0	24.3	18.0	11.8	7.9
Black or African American	2018	2,960	1,675	736	347	149	--	56.6	24.9	11.7	5.0	≤5.0
	2019	3,133	1,819	764	388	--	--	58.1	24.4	12.4	≤5.0	≤5.0
Hispanic/Latino	2018	3,200	1,870	698	380	179	--	58.4	21.8	11.9	5.6	≤5.0
	2019	3,339	1,962	771	393	--	--	58.8	23.1	11.8	≤5.0	≤5.0
White	2018	8,290	3,902	1,868	1,466	707	--	47.1	22.5	17.7	8.5	≤5.0
	2019	8,394	3,946	1,980	1,402	770	--	47.0	23.6	16.7	9.2	≤5.0
Two or More Races	2018	1,046	475	252	154	111	54	45.4	24.1	14.7	10.6	5.2
	2019	1,043	472	250	181	83	57	45.3	24.0	17.4	8.0	5.5

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 2019. 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 in 2019 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	20,833	10,072	4,964	3,251	1,715	--	48.3	23.8	15.6	8.2	≤5.0
Bethesda-Chevy Chase	997	522	211	148	73	--	52.4	21.2	14.8	7.3	≤5.0
Montgomery Blair	1,093	429	275	202	93	94	39.2	25.2	18.5	8.5	8.6
James Hubert Blake	678	349	163	99	49	--	51.5	24.0	14.6	7.2	≤5.0
Winston Churchill	1,462	456	423	311	179	93	31.2	28.9	21.3	12.2	6.4
Clarksburg	926	478	205	151	65	--	51.6	22.1	16.3	7.0	≤5.0
Damascus	549	263	126	94	49	--	47.9	23.0	17.1	8.9	≤5.0
Albert Einstein	611	387	120	59	39	--	63.3	19.6	9.7	6.4	≤5.0
Gaithersburg	479	271	117	69	--	--	56.6	24.4	14.4	≤5.0	≤5.0
Walter Johnson	1,342	577	339	251	110	--	43.0	25.3	18.7	8.2	≤5.0
John F. Kennedy	339	211	109	18	--	--	62.2	32.2	5.3	≤5.0	≤5.0
Col. Zadok Magruder	512	271	115	82	32	--	52.9	22.5	16.0	6.3	≤5.0
Richard Montgomery	1,143	442	297	215	106	83	38.7	26.0	18.8	9.3	7.3
Northwest	1,491	845	285	206	126	--	56.7	19.1	13.8	8.5	≤5.0
Northwood	483	272	133	66	--	--	56.3	27.5	13.7	≤5.0	≤5.0
Paint Branch	652	341	150	112	44	--	52.3	23.0	17.2	6.7	≤5.0
Poolesville	861	354	166	128	108	105	41.1	19.3	14.9	12.5	12.2
Quince Orchard	1,164	536	235	183	142	68	46.0	20.2	15.7	12.2	5.8
Rockville	580	320	154	63	35	--	55.2	26.6	10.9	6.0	≤5.0
Seneca Valley	172	--	--	--	--	--	≥95.0	≤5.0	≤5.0	≤5.0	≤5.0
Sherwood	768	354	238	119	51	--	46.1	31.0	15.5	6.6	≤5.0
Springbrook	804	421	242	106	--	--	52.4	30.1	13.2	≤5.0	≤5.0
Watkins Mill	228	214	14	--	--	--	93.9	6.1	≤5.0	≤5.0	≤5.0
Wheaton	776	389	202	101	69	--	50.1	26.0	13.0	8.9	≤5.0
Walt Whitman	1,318	609	253	232	165	--	46.2	19.2	17.6	12.5	≤5.0
Thomas S. Wootton	1,404	593	387	236	121	--	42.2	27.6	16.8	8.6	≤5.0

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2019. 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. 2019 Advanced Placement Exam Results for MCPS: 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	N Exams	% of Exam Scores 1, 2, 3, 4, or 5				
		1	2	3	4	5
English						
English Language & Composition	4,933	4,933	10.2	26.4	25.3	22.7
English Literature & Composition	2,517	2,517	12.7	28.5	28.6	20.2
Mathematics						
Calculus AB	1,638	1,638	14.3	22.0	19.4	21.2
Calculus BC	1,443	1,443	≤5.0	9.5	17.5	18.4
Statistics	1,626	1,626	12.4	18.0	25.6	23.4
Science						
Biology	1,461	1,461	≤5.0	17.2	34.2	31.6
Chemistry	1,029	1,029	8.5	15.3	28.5	25.6
Environmental Science	1,093	1,093	12.6	21.3	15.4	33.4
Physics 1	938	938	24.2	32.9	19.4	17.8
Physics C: Mechanics	643	643	≤5.0	8.2	13.2	26.6
Social Studies						
Macroeconomics	835	835	13.7	10.4	17.2	28.9
Microeconomics	936	936	13.8	9.0	14.9	31.1
U.S. Government & Politics	6,165	6,165	12.0	21.1	30.0	15.4
U.S. History	2,411	2,411	13.1	17.7	24.9	24.6
World History	3,181	3,181	6.8	20.6	28.2	26.8
Human Geography	747	747	16.9	10.6	21.3	25.7
Psychology	3,151	3,151	15.6	10.9	16.5	28.6
Technology						
Computer Science A	732	732	16.4	10.1	15.7	20.8
Computer Science Principles	1,554	1,554	7.3	13.1	37.1	25.6
Foreign Language						
Spanish Language & Culture	1,348	1,348	≤5.0	≤5.0	23.2	38.5

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.

Table C2. 2019 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	4,933	3,125	63.3	1,117	850	76.1	753	308	40.9	786	279	35.5	2,020	1,511	74.8	247	171	69.2
English Literature & Composition	2,517	1,479	58.8	567	352	62.1	302	111	36.8	294	99	33.7	1,228	826	67.3	119	88	73.9
Mathematics																		
Calculus AB	1,638	1,043	63.7	446	303	67.9	215	82	38.1	173	74	42.8	708	521	73.6	95	62	65.3
Calculus BC	1,443	1,258	87.2	673	602	89.5	92	65	70.7	106	69	65.1	501	456	91.0	70	66	94.3
Statistics	1,626	1,131	69.6	551	420	76.2	159	68	42.8	155	66	42.6	679	517	76.1	82	60	73.2
Science																		
Biology	1,461	1,171	80.2	520	452	86.9	222	126	56.8	148	87	58.8	489	434	88.8	79	70	88.6
Chemistry	1,029	785	76.3	457	364	79.6	90	40	44.4	69	32	46.4	362	310	85.6	50	38	76.0
Environmental Science	1,093	722	66.1	219	150	68.5	94	26	27.7	118	67	56.8	593	428	72.2	67	51	76.1
Physics I	938	402	42.9	303	142	46.9	145	26	17.9	96	19	19.8	342	186	54.4	52	29	55.8
Physics C: Mechanics	643	558	86.8	291	259	89.0	48	29	60.4	26	18	69.2	242	218	90.1	--	--	≥95.0
Social Studies																		
Macroeconomics	835	634	75.9	291	232	79.7	48	23	47.9	63	34	54.0	384	309	80.5	49	36	73.5
Microeconomics	936	723	77.2	310	255	82.3	58	25	43.1	71	42	59.2	441	359	81.4	56	42	75.0
U.S. Government & Politics	6,165	4,128	67.0	1,439	1,075	74.7	951	476	50.1	894	400	44.7	2,523	1,912	75.8	348	258	74.1
U.S. History	2,411	1,670	69.3	701	537	76.6	349	160	45.8	273	133	48.7	947	732	77.3	136	104	76.5
World History	3,181	2,309	72.6	693	553	79.8	513	262	51.1	491	263	53.6	1,303	1,086	83.3	174	140	80.5
Human Geography	747	542	72.6	133	98	73.7	120	68	56.7	100	57	57.0	362	294	81.2	31	24	77.4
Psychology	3,151	2,313	73.4	686	549	80.0	495	265	53.5	482	266	55.2	1,347	1,126	83.6	132	105	79.5
Technology																		
Computer Science A	732	538	73.5	318	257	80.8	80	31	38.8	56	31	55.4	230	178	77.4	47	40	85.1
Computer Science Principles	1,554	1,237	79.6	575	510	88.7	215	118	54.9	152	84	55.3	526	457	86.9	85	68	80.0
Foreign Language																		
Spanish Language & Culture	1,348	1,288	95.5	--	--	≥95.0	58	47	81.0	--	--	≥95.0	--	--	≥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 2019. 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. 2019 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	4,933	10.2	26.4	25.3	22.7	15.4	63.3	3.1
Bethesda-Chevy Chase	203	≤5.0	26.6	25.1	27.6	17.7	70.4	3.3
Montgomery Blair	295	≤5.0	13.2	21.0	29.5	35.6	86.1	3.9
James Hubert Blake	178	12.4	35.4	30.9	14.0	7.3	52.2	2.7
Winston Churchill	342	≤5.0	17.8	35.4	28.4	17.3	81.0	3.4
Clarksburg	192	9.9	31.3	28.1	19.8	10.9	58.9	2.9
Damascus	178	5.6	41.0	30.9	18.5	≤5.0	53.4	2.7
Albert Einstein	142	8.5	39.4	26.1	18.3	7.7	52.1	2.8
Gaithersburg	170	21.8	39.4	25.3	10.0	≤5.0	38.8	2.3
Walter Johnson	326	≤5.0	19.9	30.4	31.0	16.6	77.9	3.4
John F. Kennedy	99	30.3	48.5	15.2	5.1	≤5.0	21.2	2.0
Col. Zadok Magruder	117	≤5.0	26.5	25.6	30.8	12.8	69.2	3.2
Richard Montgomery	241	≤5.0	28.2	25.7	18.3	24.5	68.5	3.3
Northwest	410	23.9	34.4	23.2	13.7	≤5.0	41.7	2.4
Northwood	145	23.4	42.1	22.1	10.3	≤5.0	34.5	2.3
Paint Branch	135	11.9	37.0	33.3	13.3	≤5.0	51.1	2.6
Poolesville	187	≤5.0	7.0	16.6	37.4	39.0	93.0	4.1
Quince Orchard	425	20.9	30.8	22.8	17.9	7.5	48.2	2.6
Rockville	204	32.8	38.2	17.2	7.8	≤5.0	28.9	2.1
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	158	≤5.0	14.6	25.3	38.6	20.9	84.8	3.6
Springbrook	72	36.1	34.7	15.3	11.1	≤5.0	29.2	2.1
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	114	≤5.0	28.1	29.8	25.4	12.3	67.5	3.1
Walt Whitman	264	≤5.0	≤5.0	22.7	36.0	36.0	94.7	4.0
Thomas S. Wootton	336	≤5.0	15.5	25.3	32.4	25.3	83.0	3.6

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. 2019 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	2,517	12.7	28.5	28.6	20.2	9.9	58.8	2.9
Bethesda-Chevy Chase	151	6.0	35.1	41.1	10.6	7.3	58.9	2.8
Montgomery Blair	46	≤5.0	≤5.0	15.2	34.8	45.7	≥95.0	4.2
James Hubert Blake	37	8.1	32.4	40.5	18.9	≤5.0	59.5	2.7
Winston Churchill	181	≤5.0	31.5	36.5	21.0	6.1	63.5	2.9
Clarksburg	68	≤5.0	29.4	27.9	32.4	10.3	70.6	3.2
Damascus	73	≤5.0	37.0	39.7	20.5	≤5.0	63.0	2.9
Albert Einstein	64	12.5	54.7	18.8	14.1	≤5.0	32.8	2.3
Gaithersburg	43	7.0	48.8	27.9	16.3	≤5.0	44.2	2.5
Walter Johnson	156	≤5.0	15.4	30.8	34.6	17.9	83.3	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	94	14.9	50.0	25.5	7.4	≤5.0	35.1	2.3
Richard Montgomery	160	≤5.0	13.8	29.4	33.1	22.5	85.0	3.6
Northwest	293	19.1	38.2	30.0	10.2	≤5.0	42.7	2.4
Northwood	48	16.7	45.8	22.9	12.5	≤5.0	37.5	2.4
Paint Branch	22	31.8	27.3	31.8	≤5.0	≤5.0	40.9	2.2
Poolesville	119	≤5.0	13.4	28.6	37.0	20.2	85.7	3.6
Quince Orchard	273	42.9	30.8	16.5	8.4	≤5.0	26.4	1.9
Rockville	78	23.1	41.0	21.8	9.0	5.1	35.9	2.3
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	137	≤5.0	24.1	38.0	24.1	11.7	73.7	3.2
Springbrook	95	47.4	40.0	10.5	≤5.0	≤5.0	12.6	1.7
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	71	16.9	29.6	29.6	19.7	≤5.0	53.5	2.6
Walt Whitman	150	≤5.0	8.0	35.3	34.7	21.3	91.3	3.7
Thomas S. Wootton	158	≤5.0	13.9	26.6	34.8	23.4	84.8	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. 2019 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	1,638	14.3	22.0	19.4	21.2	23.0	63.7	3.2
Bethesda-Chevy Chase	69	24.6	30.4	34.8	8.7	≤5.0	44.9	2.3
Montgomery Blair	52	≤5.0	17.3	25.0	32.7	21.2	78.8	3.5
James Hubert Blake	48	37.5	47.9	10.4	≤5.0	≤5.0	14.6	1.8
Winston Churchill	124	≤5.0	24.2	22.6	28.2	20.2	71.0	3.3
Clarksburg	58	17.2	22.4	27.6	19.0	13.8	60.3	2.9
Damascus	30	≤5.0	26.7	16.7	23.3	33.3	73.3	3.6
Albert Einstein	38	28.9	39.5	13.2	7.9	10.5	31.6	2.3
Gaithersburg	41	48.8	29.3	22.0	≤5.0	≤5.0	22.0	1.7
Walter Johnson	129	≤5.0	7.0	16.3	26.4	48.1	90.7	4.1
John F. Kennedy	15	46.7	26.7	20.0	6.7	≤5.0	26.7	1.9
Col. Zadok Magruder	45	15.6	44.4	22.2	13.3	≤5.0	40.0	2.5
Richard Montgomery	62	≤5.0	22.6	24.2	32.3	16.1	72.6	3.3
Northwest	76	≤5.0	17.1	21.1	38.2	21.1	80.3	3.6
Northwood	--	--	--	--	--	--	--	--
Paint Branch	70	12.9	48.6	24.3	11.4	≤5.0	38.6	2.4
Poolesville	77	≤5.0	10.4	18.2	40.3	27.3	85.7	3.8
Quince Orchard	68	≤5.0	≤5.0	≤5.0	19.1	76.5	≥95.0	4.7
Rockville	56	66.1	19.6	8.9	≤5.0	≤5.0	14.3	1.6
Seneca Valley	10	30.0	20.0	10.0	30.0	10.0	50.0	2.7
Sherwood	57	17.5	43.9	22.8	12.3	≤5.0	38.6	2.4
Springbrook	77	40.3	32.5	16.9	5.2	5.2	27.3	2.0
Watkins Mill	16	56.3	18.8	18.8	6.3	≤5.0	25.0	1.8
Wheaton	92	18.5	33.7	22.8	21.7	≤5.0	47.8	2.6
Walt Whitman	148	5.4	14.9	27.7	27.7	24.3	79.7	3.5
Thomas S. Wootton	172	≤5.0	≤5.0	8.7	27.9	61.0	≥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 C6 2019 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	1,443	≤5.0	9.5	17.5	18.4	51.2	87.2	4.0
Bethesda-Chevy Chase	64	≤5.0	≤5.0	10.9	29.7	59.4	≥95.0	4.5
Montgomery Blair	145	≤5.0	≤5.0	11.0	17.9	69.0	≥95.0	4.5
James Hubert Blake	33	12.1	15.2	39.4	18.2	15.2	72.7	3.1
Winston Churchill	120	≤5.0	≤5.0	18.3	17.5	58.3	94.2	4.3
Clarksburg	56	≤5.0	≤5.0	14.3	21.4	62.5	≥95.0	4.4
Damascus	25	≤5.0	12.0	40.0	8.0	36.0	84.0	3.6
Albert Einstein	25	12.0	12.0	36.0	24.0	16.0	76.0	3.2
Gaithersburg	27	18.5	29.6	14.8	18.5	18.5	51.9	2.9
Walter Johnson	41	≤5.0	≤5.0	9.8	22.0	68.3	≥95.0	4.6
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	35	8.6	28.6	25.7	14.3	22.9	62.9	3.1
Richard Montgomery	128	≤5.0	≤5.0	13.3	21.1	60.9	≥95.0	4.4
Northwest	81	≤5.0	≤5.0	17.3	19.8	60.5	≥95.0	4.4
Northwood	--	--	--	--	--	--	--	--
Paint Branch	27	11.1	33.3	11.1	25.9	18.5	55.6	3.1
Poolesville	118	≤5.0	≤5.0	14.4	20.3	61.9	≥95.0	4.4
Quince Orchard	65	≤5.0	≤5.0	≤5.0	27.7	69.2	≥95.0	4.7
Rockville	26	15.4	15.4	30.8	11.5	26.9	69.2	3.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	57	≤5.0	15.8	42.1	14.0	26.3	82.5	3.5
Springbrook	60	23.3	38.3	20.0	≤5.0	13.3	38.3	2.5
Watkins Mill	14	7.1	42.9	21.4	14.3	14.3	50.0	2.9
Wheaton	67	≤5.0	34.3	31.3	14.9	17.9	64.2	3.1
Walt Whitman	96	≤5.0	10.4	19.8	20.8	46.9	87.5	4.0
Thomas S. Wootton	114	≤5.0	≤5.0	≤5.0	13.2	83.3	≥95.0	4.8

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 C7. 2019 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	1,626	12.4	18.0	25.6	23.4	20.6	69.6	3.2
Bethesda-Chevy Chase	95	7.4	16.8	43.2	17.9	14.7	75.8	3.2
Montgomery Blair	147	≤5.0	5.4	18.4	34.7	41.5	94.6	4.1
James Hubert Blake	51	21.6	39.2	21.6	11.8	5.9	39.2	2.4
Winston Churchill	97	6.2	22.7	27.8	23.7	19.6	71.1	3.3
Clarksburg	75	13.3	29.3	30.7	17.3	9.3	57.3	2.8
Damascus	30	23.3	36.7	20.0	10.0	10.0	40.0	2.5
Albert Einstein	63	22.2	23.8	27.0	22.2	≤5.0	54.0	2.6
Gaithersburg	65	41.5	32.3	16.9	9.2	≤5.0	26.2	1.9
Walter Johnson	110	≤5.0	8.2	30.0	39.1	20.0	89.1	3.7
John F. Kennedy	15	33.3	13.3	40.0	6.7	6.7	53.3	2.4
Col. Zadok Magruder	35	48.6	25.7	20.0	≤5.0	≤5.0	25.7	1.9
Richard Montgomery	127	≤5.0	11.8	27.6	24.4	32.3	84.3	3.7
Northwest	71	≤5.0	16.9	25.4	22.5	33.8	81.7	3.7
Northwood	37	27.0	29.7	27.0	13.5	≤5.0	43.2	2.4
Paint Branch	61	18.0	36.1	23.0	11.5	11.5	45.9	2.6
Poolesville	99	≤5.0	8.1	15.2	37.4	36.4	88.9	4.0
Quince Orchard	46	6.5	8.7	26.1	37.0	21.7	84.8	3.6
Rockville	16	6.3	18.8	43.8	12.5	18.8	75.0	3.2
Seneca Valley	17	29.4	41.2	11.8	17.6	≤5.0	29.4	2.2
Sherwood	36	11.1	19.4	33.3	19.4	16.7	69.4	3.1
Springbrook	37	59.5	18.9	13.5	5.4	≤5.0	21.6	1.7
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	85	21.2	22.4	24.7	21.2	10.6	56.5	2.8
Walt Whitman	122	9.8	15.6	31.1	26.2	17.2	74.6	3.3
Thomas S. Wootton	88	≤5.0	≤5.0	19.3	28.4	47.7	≥95.0	4.2

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. 2019 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	1,461	≤5.0	17.2	34.2	31.6	14.3	80.2	3.4
Bethesda-Chevy Chase	61	≤5.0	13.1	21.3	42.6	21.3	85.2	3.7
Montgomery Blair	136	≤5.0	22.1	36.8	21.3	15.4	73.5	3.2
James Hubert Blake	47	6.4	25.5	44.7	14.9	8.5	68.1	2.9
Winston Churchill	126	≤5.0	≤5.0	31.7	50.0	15.9	≥95.0	3.8
Clarksburg	90	≤5.0	12.2	31.1	41.1	11.1	83.3	3.4
Damascus	57	≤5.0	21.1	35.1	31.6	12.3	78.9	3.4
Albert Einstein	14	14.3	64.3	7.1	14.3	≤5.0	21.4	2.2
Gaithersburg	60	≤5.0	30.0	43.3	21.7	≤5.0	68.3	3.0
Walter Johnson	37	≤5.0	≤5.0	27.0	40.5	29.7	≥95.0	4.0
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	26	7.7	23.1	42.3	19.2	7.7	69.2	3.0
Richard Montgomery	62	≤5.0	11.3	22.6	29.0	35.5	87.1	3.9
Northwest	106	≤5.0	15.1	54.7	20.8	6.6	82.1	3.1
Northwood	28	7.1	21.4	57.1	14.3	≤5.0	71.4	2.8
Paint Branch	83	≤5.0	30.1	49.4	15.7	≤5.0	66.3	2.8
Poolesville	49	≤5.0	≤5.0	10.2	63.3	26.5	≥95.0	4.2
Quince Orchard	63	≤5.0	23.8	39.7	25.4	9.5	74.6	3.2
Rockville	42	≤5.0	23.8	28.6	28.6	14.3	71.4	3.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	122	≤5.0	27.0	35.2	24.6	11.5	71.3	3.2
Springbrook	59	8.5	35.6	32.2	22.0	≤5.0	55.9	2.7
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	24	≤5.0	25.0	20.8	45.8	≤5.0	70.8	3.2
Walt Whitman	67	≤5.0	≤5.0	22.4	37.3	38.8	≥95.0	4.1
Thomas S. Wootton	100	≤5.0	≤5.0	26.0	52.0	22.0	≥95.0	4.0

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. 2019 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	1,029	8.5	15.3	28.5	25.6	22.3	76.3	3.4
Bethesda-Chevy Chase	30	≤5.0	≤5.0	20.0	20.0	56.7	≥95.0	4.3
Montgomery Blair	79	≤5.0	10.1	30.4	32.9	24.1	87.3	3.7
James Hubert Blake	13	7.7	30.8	23.1	38.5	≤5.0	61.5	2.9
Winston Churchill	92	≤5.0	≤5.0	22.8	25.0	48.9	≥95.0	4.2
Clarksburg	46	≤5.0	13.0	39.1	32.6	10.9	82.6	3.3
Damascus	31	16.1	29.0	41.9	12.9	≤5.0	54.8	2.5
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	13	23.1	61.5	15.4	≤5.0	≤5.0	15.4	1.9
Walter Johnson	74	≤5.0	8.1	23.0	28.4	36.5	87.8	3.9
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	30	16.7	36.7	40.0	6.7	≤5.0	46.7	2.4
Richard Montgomery	32	12.5	15.6	25.0	21.9	25.0	71.9	3.3
Northwest	56	5.4	17.9	35.7	23.2	17.9	76.8	3.3
Northwood	--	--	--	--	--	--	--	--
Paint Branch	32	12.5	34.4	31.3	15.6	6.3	53.1	2.7
Poolesville	49	≤5.0	18.4	22.4	24.5	32.7	79.6	3.7
Quince Orchard	42	21.4	28.6	40.5	9.5	≤5.0	50.0	2.4
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	38	23.7	23.7	21.1	21.1	10.5	52.6	2.7
Springbrook	37	35.1	13.5	35.1	16.2	≤5.0	51.4	2.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	61	27.9	27.9	26.2	13.1	≤5.0	44.3	2.4
Walt Whitman	109	≤5.0	10.1	31.2	41.3	16.5	89.0	3.6
Thomas S. Wootton	152	≤5.0	≤5.0	25.0	34.2	36.2	≥95.0	4.0

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. 2019 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	1,093	12.6	21.3	15.4	33.4	17.3	66.1	3.2
Bethesda-Chevy Chase	128	7.8	23.4	17.2	35.2	16.4	68.8	3.3
Montgomery Blair	54	≤5.0	9.3	16.7	38.9	35.2	90.7	4.0
James Hubert Blake	10	10.0	40.0	20.0	20.0	10.0	50.0	2.8
Winston Churchill	58	≤5.0	32.8	24.1	31.0	12.1	67.2	3.2
Clarksburg	81	9.9	14.8	14.8	37.0	23.5	75.3	3.5
Damascus	15	6.7	60.0	6.7	20.0	6.7	33.3	2.6
Albert Einstein	46	23.9	26.1	10.9	30.4	8.7	50.0	2.7
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	44	≤5.0	≤5.0	13.6	61.4	18.2	93.2	3.9
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	23	8.7	21.7	21.7	39.1	8.7	69.6	3.2
Richard Montgomery	151	21.9	21.9	9.9	31.8	14.6	56.3	3.0
Northwest	70	24.3	28.6	14.3	25.7	7.1	47.1	2.6
Northwood	12	41.7	33.3	8.3	16.7	≤5.0	25.0	2.0
Paint Branch	54	44.4	25.9	18.5	11.1	≤5.0	29.6	2.0
Poolesville	78	≤5.0	5.1	11.5	42.3	38.5	92.3	4.1
Quince Orchard	39	12.8	23.1	12.8	33.3	17.9	64.1	3.2
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	27	14.8	29.6	7.4	40.7	7.4	55.6	3.0
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	152	7.2	22.4	22.4	31.6	16.4	70.4	3.3
Thomas S. Wootton	45	≤5.0	17.8	11.1	35.6	35.6	82.2	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 C11. 2019 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	938	24.2	32.9	19.4	17.8	5.7	42.9	2.5
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	--	--	--	--	--	--	--	--
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	186	≤5.0	34.9	28.0	24.7	10.2	62.9	3.1
Clarksburg	40	57.5	27.5	10.0	≤5.0	≤5.0	15.0	1.6
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	22	45.5	27.3	13.6	13.6	≤5.0	27.3	2.0
Gaithersburg	15	20.0	46.7	20.0	≤5.0	13.3	33.3	2.4
Walter Johnson	94	≤5.0	12.8	26.6	43.6	12.8	83.0	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	31	6.5	22.6	38.7	29.0	≤5.0	71.0	3.0
Northwest	61	27.9	34.4	21.3	13.1	≤5.0	37.7	2.3
Northwood	32	31.3	40.6	15.6	9.4	≤5.0	28.1	2.1
Paint Branch	84	47.6	32.1	14.3	6.0	≤5.0	20.2	1.8
Poolesville	25	≤5.0	24.0	20.0	32.0	24.0	76.0	3.6
Quince Orchard	22	31.8	36.4	13.6	9.1	9.1	31.8	2.3
Rockville	35	45.7	25.7	17.1	11.4	≤5.0	28.6	1.9
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	91	38.5	44.0	13.2	≤5.0	≤5.0	17.6	1.8
Springbrook	70	48.6	42.9	5.7	≤5.0	≤5.0	8.6	1.6
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	101	20.8	40.6	17.8	16.8	≤5.0	38.6	2.4
Walt Whitman	20	≤5.0	15.0	20.0	50.0	10.0	80.0	3.5
Thomas S. Wootton	--	--	--	--	--	--	--	--

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. 2019 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	643	≤5.0	8.2	13.2	26.6	47.0	86.8	4.0
Bethesda-Chevy Chase	27	≤5.0	≤5.0	11.1	40.7	44.4	≥95.0	4.3
Montgomery Blair	70	≤5.0	≤5.0	≤5.0	15.7	75.7	92.9	4.6
James Hubert Blake	10	20.0	20.0	20.0	30.0	10.0	60.0	2.9
Winston Churchill	56	≤5.0	7.1	16.1	37.5	37.5	91.1	4.0
Clarksburg	17	11.8	29.4	11.8	29.4	17.6	58.8	3.1
Damascus	13	15.4	15.4	23.1	23.1	23.1	69.2	3.2
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	15	≤5.0	≤5.0	6.7	20.0	73.3	≥95.0	4.7
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	12	25.0	25.0	≤5.0	41.7	8.3	50.0	2.8
Richard Montgomery	88	≤5.0	9.1	13.6	40.9	33.0	87.5	3.9
Northwest	16	≤5.0	6.3	25.0	37.5	31.3	93.8	3.9
Northwood	17	5.9	23.5	41.2	5.9	23.5	70.6	3.2
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	34	≤5.0	≤5.0	26.5	20.6	52.9	≥95.0	4.3
Quince Orchard	21	19.0	23.8	14.3	38.1	≤5.0	57.1	2.9
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	31	6.5	12.9	22.6	29.0	29.0	80.6	3.6
Springbrook	11	9.1	18.2	36.4	9.1	27.3	72.7	3.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	46	15.2	19.6	19.6	15.2	30.4	65.2	3.3
Walt Whitman	90	≤5.0	≤5.0	10.0	25.6	62.2	≥95.0	4.5
Thomas S. Wootton	69	≤5.0	≤5.0	≤5.0	15.9	84.1	≥95.0	4.8

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 C13. 2019 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	835	13.7	10.4	17.2	28.9	29.8	75.9	3.5
Bethesda-Chevy Chase	60	10.0	10.0	31.7	26.7	21.7	80.0	3.4
Montgomery Blair	58	≤5.0	6.9	10.3	36.2	43.1	89.7	4.1
James Hubert Blake	39	38.5	25.6	10.3	7.7	17.9	35.9	2.4
Winston Churchill	69	≤5.0	≤5.0	11.6	30.4	53.6	≥95.0	4.3
Clarksburg	35	11.4	14.3	20.0	31.4	22.9	74.3	3.4
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	109	≤5.0	13.8	14.7	33.9	33.9	82.6	3.8
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	12	16.7	33.3	16.7	25.0	8.3	50.0	2.8
Richard Montgomery	72	6.9	6.9	11.1	31.9	43.1	86.1	4.0
Northwest	28	53.6	≤5.0	28.6	≤5.0	14.3	46.4	2.3
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	53	≤5.0	11.3	20.8	35.8	28.3	84.9	3.7
Quince Orchard	81	32.1	19.8	21.0	19.8	7.4	48.1	2.5
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	23	8.7	8.7	39.1	34.8	8.7	82.6	3.3
Springbrook	23	82.6	≤5.0	8.7	≤5.0	≤5.0	13.0	1.4
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	79	7.6	≤5.0	19.0	32.9	36.7	88.6	3.9
Thomas S. Wootton	93	5.4	8.6	12.9	37.6	35.5	86.0	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 C14. 2019 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	936	13.8	9.0	14.9	31.1	31.3	77.2	3.6
Bethesda-Chevy Chase	71	11.3	5.6	21.1	38.0	23.9	83.1	3.6
Montgomery Blair	52	≤5.0	5.8	9.6	34.6	46.2	90.4	4.1
James Hubert Blake	40	52.5	20.0	12.5	15.0	≤5.0	27.5	1.9
Winston Churchill	70	≤5.0	≤5.0	≤5.0	28.6	61.4	94.3	4.4
Clarksburg	37	13.5	10.8	18.9	35.1	21.6	75.7	3.4
Damascus	104	14.4	16.3	24.0	31.7	13.5	69.2	3.1
Albert Einstein	107	6.5	8.4	12.1	33.6	39.3	85.0	3.9
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	--	--	--	--	--	--	--	--
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	13	15.4	30.8	23.1	23.1	7.7	53.8	2.8
Richard Montgomery	72	≤5.0	5.6	11.1	19.4	59.7	90.3	4.3
Northwest	26	53.8	7.7	11.5	15.4	11.5	38.5	2.2
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	54	≤5.0	≤5.0	11.1	48.1	33.3	92.6	4.0
Quince Orchard	83	31.3	15.7	16.9	30.1	6.0	53.0	2.6
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	20	≤5.0	10.0	25.0	50.0	10.0	85.0	3.5
Springbrook	21	76.2	≤5.0	14.3	≤5.0	≤5.0	19.0	1.5
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	74	≤5.0	6.8	16.2	28.4	47.3	91.9	4.1
Thomas S. Wootton	89	≤5.0	5.6	12.4	38.2	40.4	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 C15. 2019 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	6,165	12.0	21.1	30.0	15.4	21.5	67.0	3.1
Bethesda-Chevy Chase	361	6.1	17.7	31.0	19.9	25.2	76.2	3.4
Montgomery Blair	333	≤5.0	9.3	28.5	22.8	35.7	87.1	3.8
James Hubert Blake	167	15.0	25.1	35.3	16.2	8.4	59.9	2.8
Winston Churchill	417	5.8	18.7	34.1	14.9	26.6	75.5	3.4
Clarksburg	316	10.1	31.3	40.5	12.0	6.0	58.5	2.7
Damascus	169	21.3	34.9	31.4	8.3	≤5.0	43.8	2.4
Albert Einstein	191	6.8	16.8	33.0	14.1	29.3	76.4	3.4
Gaithersburg	115	15.7	30.4	27.0	13.9	13.0	53.9	2.8
Walter Johnson	409	≤5.0	12.0	26.4	21.8	36.4	84.6	3.8
John F. Kennedy	111	44.1	34.2	17.1	≤5.0	≤5.0	21.6	1.8
Col. Zadok Magruder	103	21.4	35.0	30.1	5.8	7.8	43.7	2.4
Richard Montgomery	334	6.0	21.6	32.0	15.6	24.9	72.5	3.3
Northwest	443	20.3	23.9	32.5	10.6	12.6	55.8	2.7
Northwood	131	20.6	35.9	23.7	11.5	8.4	43.5	2.5
Paint Branch	172	23.8	29.1	26.2	10.5	10.5	47.1	2.5
Poolesville	284	≤5.0	12.0	29.9	20.4	33.5	83.8	3.7
Quince Orchard	269	11.9	22.7	28.6	14.5	22.3	65.4	3.1
Rockville	156	10.3	19.2	34.0	17.9	18.6	70.5	3.2
Seneca Valley	86	14.0	40.7	32.6	8.1	≤5.0	45.3	2.5
Sherwood	193	≤5.0	15.5	24.9	16.6	38.9	80.3	3.7
Springbrook	232	41.8	28.9	18.5	5.6	5.2	29.3	2.0
Watkins Mill	116	43.1	35.3	16.4	≤5.0	≤5.0	21.6	1.9
Wheaton	194	14.4	21.1	26.3	14.4	23.7	64.4	3.1
Walt Whitman	449	≤5.0	13.1	31.2	24.1	29.2	84.4	3.6
Thomas S. Wootton	414	6.3	15.5	33.6	17.6	27.1	78.3	3.4

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 C16. 2019 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	2,411	13.1	17.7	24.9	24.6	19.8	69.3	3.2
Bethesda-Chevy Chase	121	≤5.0	8.3	14.9	38.0	38.8	91.7	4.1
Montgomery Blair	14	7.1	≤5.0	14.3	57.1	21.4	92.9	3.9
James Hubert Blake	90	31.1	26.7	24.4	17.8	≤5.0	42.2	2.3
Winston Churchill	192	≤5.0	8.3	23.4	26.0	40.1	89.6	3.9
Clarksburg	136	8.1	19.9	38.2	20.6	13.2	72.1	3.1
Damascus	57	8.8	28.1	42.1	19.3	≤5.0	63.2	2.8
Albert Einstein	81	14.8	21.0	28.4	29.6	6.2	64.2	2.9
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	185	≤5.0	9.2	23.2	36.8	27.0	87.0	3.7
John F. Kennedy	67	32.8	28.4	28.4	7.5	≤5.0	38.8	2.2
Col. Zadok Magruder	61	18.0	24.6	34.4	16.4	6.6	57.4	2.7
Richard Montgomery	142	≤5.0	≤5.0	14.1	38.0	40.8	93.0	4.1
Northwest	228	22.4	25.0	26.3	17.5	8.8	52.6	2.7
Northwood	92	10.9	25.0	25.0	26.1	13.0	64.1	3.1
Paint Branch	23	13.0	13.0	26.1	34.8	13.0	73.9	3.2
Poolesville	64	≤5.0	15.6	20.3	35.9	26.6	82.8	3.7
Quince Orchard	155	20.0	25.2	31.6	14.2	9.0	54.8	2.7
Rockville	81	34.6	32.1	17.3	11.1	≤5.0	33.3	2.2
Seneca Valley	50	28.0	44.0	22.0	≤5.0	≤5.0	28.0	2.1
Sherwood	65	≤5.0	9.2	30.8	33.8	26.2	90.8	3.8
Springbrook	130	29.2	27.7	23.8	16.9	≤5.0	43.1	2.4
Watkins Mill	44	45.5	25.0	18.2	11.4	≤5.0	29.5	2.0
Wheaton	108	12.0	16.7	37.0	21.3	13.0	71.3	3.1
Walt Whitman	84	≤5.0	≤5.0	11.9	29.8	53.6	≥95.0	4.3
Thomas S. Wootton	140	≤5.0	≤5.0	18.6	33.6	44.3	≥95.0	4.2

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. 2019 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	3,181	6.8	20.6	28.2	26.8	17.5	72.6	3.3
Bethesda-Chevy Chase	84	≤5.0	6.0	19.0	36.9	36.9	92.9	4.0
Montgomery Blair	239	≤5.0	13.0	28.0	36.0	20.5	84.5	3.6
James Hubert Blake	183	9.3	31.1	29.5	21.9	8.2	59.6	2.9
Winston Churchill	125	≤5.0	≤5.0	22.4	35.2	37.6	≥95.0	4.1
Clarksburg	143	9.1	23.8	31.5	28.0	7.7	67.1	3.0
Damascus	160	5.6	28.8	33.1	22.5	10.0	65.6	3.0
Albert Einstein	111	11.7	28.8	27.9	23.4	8.1	59.5	2.9
Gaithersburg	53	≤5.0	30.2	32.1	28.3	7.5	67.9	3.1
Walter Johnson	296	≤5.0	9.5	28.4	27.0	33.4	88.9	3.8
John F. Kennedy	89	36.0	31.5	20.2	9.0	≤5.0	32.6	2.1
Col. Zadok Magruder	116	8.6	31.9	30.2	20.7	8.6	59.5	2.9
Richard Montgomery	139	6.5	24.5	33.1	28.8	7.2	69.1	3.1
Northwest	292	9.2	31.5	30.5	21.2	7.5	59.2	2.9
Northwood	45	≤5.0	24.4	35.6	24.4	13.3	73.3	3.2
Paint Branch	136	7.4	30.1	35.3	15.4	11.8	62.5	2.9
Poolesville	181	≤5.0	11.6	27.1	36.5	23.8	87.3	3.7
Quince Orchard	239	≤5.0	18.4	33.9	29.7	14.2	77.8	3.3
Rockville	29	≤5.0	20.7	48.3	13.8	13.8	75.9	3.1
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	143	≤5.0	14.0	29.4	35.7	18.2	83.2	3.5
Springbrook	107	29.9	34.6	16.8	15.0	≤5.0	35.5	2.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	113	10.6	20.4	20.4	33.6	15.0	69.0	3.2
Walt Whitman	65	≤5.0	≤5.0	≤5.0	26.2	67.7	≥95.0	4.6
Thomas S. Wootton	92	≤5.0	6.5	21.7	29.3	40.2	91.3	4.0

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. 2019 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	747	16.9	10.6	21.3	25.7	25.6	72.6	3.3
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	119	10.1	8.4	25.2	30.3	26.1	81.5	3.5
James Hubert Blake	11	9.1	9.1	18.2	45.5	18.2	81.8	3.5
Winston Churchill	113	7.1	≤5.0	22.1	31.0	35.4	88.5	3.8
Clarksburg	--	--	--	--	--	--	--	--
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	18	27.8	16.7	16.7	38.9	≤5.0	55.6	2.7
Gaithersburg	17	11.8	≤5.0	29.4	35.3	23.5	88.2	3.6
Walter Johnson	63	≤5.0	9.5	14.3	27.0	47.6	88.9	4.1
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	16	6.3	≤5.0	12.5	50.0	31.3	93.8	4.0
Richard Montgomery	38	10.5	10.5	28.9	34.2	15.8	78.9	3.3
Northwest	67	32.8	19.4	20.9	20.9	6.0	47.8	2.5
Northwood	--	--	--	--	--	--	--	--
Paint Branch	66	31.8	9.1	25.8	19.7	13.6	59.1	2.7
Poolesville	19	21.1	≤5.0	≤5.0	21.1	57.9	78.9	3.9
Quince Orchard	23	30.4	21.7	13.0	8.7	26.1	47.8	2.8
Rockville	26	34.6	26.9	11.5	11.5	15.4	38.5	2.5
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	--	--	--	--	--	--	--	--
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	46	26.1	10.9	19.6	15.2	28.3	63.0	3.1
Walt Whitman	50	18.0	14.0	30.0	12.0	26.0	68.0	3.1
Thomas S. Wootton	46	10.9	13.0	17.4	34.8	23.9	76.1	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 C19. 2019 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	3,151	15.6	10.9	16.5	28.6	28.3	73.4	3.4
Bethesda-Chevy Chase	110	13.6	11.8	24.5	29.1	20.9	74.5	3.3
Montgomery Blair	229	11.4	7.0	16.2	31.4	34.1	81.7	3.7
James Hubert Blake	149	24.2	12.8	17.4	23.5	22.1	63.1	3.1
Winston Churchill	311	6.1	≤5.0	10.6	46.9	32.5	90.0	4.0
Clarksburg HS	131	16.0	14.5	17.6	32.1	19.8	69.5	3.3
Damascus	41	22.0	22.0	31.7	9.8	14.6	56.1	2.7
Albert Einstein	40	20.0	15.0	17.5	17.5	30.0	65.0	3.2
Gaithersburg	37	21.6	29.7	32.4	8.1	8.1	48.6	2.5
Walter Johnson	215	6.0	5.1	14.4	32.1	42.3	88.8	4.0
John F. Kennedy	29	65.5	24.1	≤5.0	10.3	≤5.0	10.3	1.6
Col. Zadok Magruder	66	16.7	22.7	21.2	27.3	12.1	60.6	3.0
Richard Montgomery	194	6.7	7.2	14.4	32.5	39.2	86.1	3.9
Northwest	122	29.5	14.8	21.3	18.0	16.4	55.7	2.8
Northwood	98	29.6	18.4	19.4	24.5	8.2	52.0	2.6
Paint Branch	143	20.3	17.5	29.4	23.8	9.1	62.2	2.8
Poolesville	112	11.6	≤5.0	6.3	33.9	43.8	83.9	3.9
Quince Orchard	182	16.5	13.2	17.6	23.1	29.7	70.3	3.4
Rockville	96	17.7	17.7	19.8	25.0	19.8	64.6	3.1
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	99	12.1	9.1	26.3	25.3	27.3	78.8	3.5
Springbrook	108	61.1	16.7	11.1	5.6	5.6	22.2	1.8
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	118	22.9	13.6	18.6	22.9	22.0	63.6	3.1
Walt Whitman	255	≤5.0	≤5.0	9.4	29.4	54.1	92.9	4.3
Thomas S. Wootton	266	10.9	12.0	15.4	33.8	27.8	77.1	3.6

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. 2019 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	732	16.4	10.1	15.7	20.8	37.0	73.5	3.5
Bethesda-Chevy Chase	27	7.4	11.1	22.2	33.3	25.9	81.5	3.6
Montgomery Blair	128	≤5.0	≤5.0	5.5	20.3	71.1	≥95.0	4.6
James Hubert Blake	15	13.3	6.7	40.0	13.3	26.7	80.0	3.3
Winston Churchill	47	≤5.0	≤5.0	27.7	25.5	40.4	93.6	4.0
Clarksburg	31	16.1	16.1	16.1	22.6	29.0	67.7	3.3
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	10	60.0	10.0	10.0	20.0	≤5.0	30.0	1.9
Walter Johnson	41	7.3	19.5	14.6	24.4	34.1	73.2	3.6
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	11	54.5	9.1	18.2	18.2	≤5.0	36.4	2.0
Richard Montgomery	38	7.9	10.5	21.1	21.1	39.5	81.6	3.7
Northwest	--	--	--	--	--	--	--	--
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	88	10.2	6.8	18.2	27.3	37.5	83.0	3.8
Quince Orchard	35	42.9	17.1	22.9	≤5.0	14.3	40.0	2.3
Rockville	26	26.9	23.1	26.9	7.7	15.4	50.0	2.6
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	19	≤5.0	42.1	15.8	31.6	10.5	57.9	3.1
Springbrook	58	63.8	12.1	15.5	6.9	≤5.0	24.1	1.7
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	36	22.2	19.4	22.2	19.4	16.7	58.3	2.9
Walt Whitman	32	≤5.0	9.4	21.9	34.4	31.3	87.5	3.8
Thomas S. Wootton	68	≤5.0	≤5.0	≤5.0	23.5	73.5	≥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 C21. 2019 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	1,554	7.3	13.1	37.1	25.6	16.9	79.6	3.3
Bethesda-Chevy Chase	72	5.6	20.8	45.8	18.1	9.7	73.6	3.1
Montgomery Blair	61	14.8	21.3	34.4	14.8	14.8	63.9	2.9
James Hubert Blake	22	27.3	9.1	27.3	31.8	≤5.0	63.6	2.8
Winston Churchill	266	≤5.0	10.9	38.3	32.0	16.9	87.2	3.5
Clarksburg	94	10.6	9.6	39.4	27.7	12.8	79.8	3.2
Damascus	35	5.7	34.3	34.3	17.1	8.6	60.0	2.9
Albert Einstein	11	81.8	18.2	≤5.0	≤5.0	≤5.0	≤5.0	1.2
Gaithersburg	33	15.2	12.1	60.6	9.1	≤5.0	72.7	2.7
Walter Johnson	66	≤5.0	≤5.0	15.2	31.8	43.9	90.9	4.1
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	112	≤5.0	8.0	30.4	25.9	31.3	87.5	3.7
Northwest	44	11.4	13.6	36.4	27.3	11.4	75.0	3.1
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	129	≤5.0	10.1	45.7	26.4	16.3	88.4	3.5
Quince Orchard	88	≤5.0	6.8	47.7	25.0	17.0	89.8	3.5
Rockville	68	16.2	16.2	30.9	25.0	11.8	67.6	3.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	22	9.1	27.3	22.7	22.7	18.2	63.6	3.1
Springbrook	112	17.9	26.8	40.2	9.8	5.4	55.4	2.6
Watkins Mill	13	23.1	30.8	23.1	15.4	7.7	46.2	2.5
Wheaton	71	8.5	11.3	46.5	22.5	11.3	80.3	3.2
Walt Whitman	29	≤5.0	≤5.0	27.6	34.5	34.5	≥95.0	4.0
Thomas S. Wootton	192	≤5.0	8.3	33.3	36.5	21.9	91.7	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 C22. 2019 MCPS Advanced Placement **Spanish Language and Culture**:
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	1,348	≤5.0	≤5.0	23.2	38.5	33.8	≥95.0	4.0
Bethesda-Chevy Chase	51	≤5.0	≤5.0	9.8	21.6	66.7	≥95.0	4.5
Montgomery Blair	76	≤5.0	≤5.0	≤5.0	36.8	59.2	≥95.0	4.5
James Hubert Blake	51	≤5.0	13.7	23.5	31.4	29.4	84.3	3.7
Winston Churchill	92	≤5.0	≤5.0	37.0	38.0	21.7	≥95.0	3.8
Clarksburg	46	≤5.0	≤5.0	21.7	39.1	37.0	≥95.0	4.1
Damascus	16	≤5.0	6.3	18.8	43.8	31.3	93.8	4.0
Albert Einstein	57	≤5.0	≤5.0	22.8	36.8	36.8	≥95.0	4.1
Gaithersburg	59	≤5.0	11.9	32.2	30.5	25.4	88.1	3.7
Walter Johnson	--	--	--	--	--	--	--	--
John F. Kennedy	55	≤5.0	≤5.0	9.1	32.7	58.2	≥95.0	4.5
Col. Zadok Magruder	41	≤5.0	17.1	29.3	43.9	9.8	82.9	3.5
Richard Montgomery	56	≤5.0	≤5.0	25.0	42.9	32.1	≥95.0	4.1
Northwest	146	≤5.0	≤5.0	14.4	47.9	37.7	≥95.0	4.2
Northwood	66	≤5.0	≤5.0	42.4	39.4	15.2	≥95.0	3.7
Paint Branch	54	≤5.0	5.6	31.5	44.4	18.5	94.4	3.8
Poolesville	25	≤5.0	12.0	24.0	32.0	32.0	88.0	3.8
Quince Orchard	26	≤5.0	7.7	≤5.0	65.4	23.1	92.3	4.0
Rockville	78	≤5.0	10.3	30.8	28.2	29.5	88.5	3.7
Seneca Valley	30	≤5.0	≤5.0	10.0	43.3	43.3	≥95.0	4.3
Sherwood	35	≤5.0	11.4	34.3	34.3	20.0	88.6	3.6
Springbrook	49	≤5.0	6.1	24.5	32.7	36.7	93.9	4.0
Watkins Mill	37	≤5.0	5.4	35.1	29.7	29.7	94.6	3.8
Wheaton	53	≤5.0	≤5.0	20.8	41.5	37.7	≥95.0	4.2
Walt Whitman	78	≤5.0	≤5.0	17.9	46.2	35.9	≥95.0	4.2
Thomas S. Wootton	70	≤5.0	≤5.0	31.4	38.6	30.0	≥95.0	4.0

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. 2019 International Baccalaureate Exam Results for MCPS: Number of Exams Taken and Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7 for the 10 Most Frequently Taken International Baccalaureate Exams by Subject Area

IB Exam by Subject Area	N Exams	% of Exam Scores 1, 2, 3, 4, 5, 6, or 7						
		1	2	3	4	5	6	7
English								
English A: Language and Literature	309	≤5.0	≤5.0	13.9	35.6	38.2	11.3	≤5.0
English A: Literature	353	≤5.0	≤5.0	9.1	17.6	38.2	24.1	6.2
Mathematics								
Mathematical Studies	218	11.0	19.3	21.1	19.3	20.2	6.9	≤5.0
Mathematics	318	7.5	13.5	19.2	23.3	22.0	11.6	≤5.0
Science								
Biology	231	≤5.0	13.4	26.4	29.0	19.9	9.1	≤5.0
Physics	166	≤5.0	17.5	21.7	18.7	15.7	16.3	6.6
Social Studies								
History	436	≤5.0	9.6	17.9	36.7	28.0	7.3	≤5.0
Psychology	174	≤5.0	8.6	12.6	23.6	24.7	22.4	6.9
Social and Cultural Anthropology	165	≤5.0	≤5.0	20.0	17.6	30.3	22.4	≤5.0
Foreign Language								
Spanish B	333	≤5.0	≤5.0	≤5.0	12.0	27.9	47.7	10.8

Note. IB = International Baccalaureate. 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.

Table D2. 2019 International Baccalaureate Exam Results for MCPS: Number of Exams Taken and Number and Percentage of Exam Scores of 4 or Higher for the 10 Most Frequently Taken International Baccalaureate 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 4+	% Exams 4+	N Exams Taken	N Exams 4+	% Exams 4+	N Exams Taken	N Exams 4+	% Exams 4+	N Exams Taken	N Exams 4+	% Exams 4+	N Exams Taken	N Exams 4+	% Exams 4+	N Exams Taken	N Exams 4+	% Exams 4+
English																		
English A: Language and Literature	309	265	85.8	43	38	88.4	77	58	75.3	73	55	75.3	--	--	≥95.0	--	--	88.9
English A: Literature	353	304	86.1	--	--	≥95.0	45	35	77.8	76	46	60.5	--	--	≥95.0	--	--	82.4
Mathematics																		
Mathematical Studies	218	106	48.6	--	--	57.9	60	22	36.7	79	23	29.1	48	42	87.5	--	--	66.7
Mathematics	318	190	59.7	104	75	72.1	36	11	30.6	42	14	33.3	122	81	66.4	--	--	64.3
Science																		
Biology	231	134	58.0	59	45	76.3	47	11	23.4	41	14	34.1	73	56	76.7	--	--	72.7
Physics	166	95	57.2	64	50	78.1	26	4	15.4	--	--	27.3	60	34	56.7	--	--	--
Social Studies																		
History	436	316	72.5	72	63	87.5	88	46	52.3	93	49	52.7	151	137	90.7	32	21	65.6
Psychology	174	135	77.6	46	40	87.0	28	18	64.3	37	24	64.9	55	48	87.3	--	--	--
Social and Cultural Anthropology	165	124	75.2	--	--	≥95.0	24	21	87.5	26	18	69.2	85	59	69.4	--	--	60.0
Foreign Language																		
Spanish B	333	328	≥95.0	--	--	≥95.0	--	--	≥95.0	--	--	≥95.0	--	--	≥95.0	--	--	≥95.0

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. IB exam results are based on data reported by the International Baccalaureate Organization as of September 2019. 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 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 D3. 2019 MCPS International Baccalaureate **English A: Language and Literature**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	309	≤5.0	≤5.0	13.9	35.6	38.2	11.3	≤5.0	85.8	4.5
Bethesda-Chevy Chase	100	≤5.0	≤5.0	≤5.0	27.0	49.0	19.0	≤5.0	≥95.0	4.9
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	24	≤5.0	≤5.0	66.7	16.7	8.3	≤5.0	≤5.0	29.2	3.4
Richard Montgomery	--	--	--	--	--	--	--	--	--	--
Rockville	--	--	--	--	--	--	--	--	--	--
Seneca Valley	33	≤5.0	≤5.0	≤5.0	51.5	39.4	9.1	≤5.0	≥95.0	4.6
Springbrook	51	≤5.0	≤5.0	11.8	25.5	49.0	11.8	≤5.0	88.2	4.7
Watkins Mill	101	≤5.0	≤5.0	16.8	48.5	28.7	5.9	≤5.0	83.2	4.2

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D4. 2019 MCPS International Baccalaureate **English A: Literature**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	353	≤5.0	≤5.0	9.1	17.6	38.2	24.1	6.2	86.1	4.9
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--	--	--
Albert Einstein	38	≤5.0	≤5.0	10.5	26.3	50.0	13.2	≤5.0	89.5	4.7
John F. Kennedy	54	≤5.0	31.5	46.3	22.2	≤5.0	≤5.0	≤5.0	22.2	2.9
Richard Montgomery	178	≤5.0	≤5.0	≤5.0	10.1	39.3	37.6	12.4	≥95.0	5.5
Rockville	50	≤5.0	≤5.0	≤5.0	22.0	58.0	18.0	≤5.0	≥95.0	4.9
Seneca Valley	33	≤5.0	≤5.0	≤5.0	33.3	51.5	12.1	≤5.0	≥95.0	4.7
Springbrook	--	--	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--	--	--

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D5. 2019 MCPS International Baccalaureate **Mathematical Studies**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	218	11.0	19.3	21.1	19.3	20.2	6.9	≤5.0	48.6	3.5
Bethesda-Chevy Chase	23	≤5.0	≤5.0	8.7	17.4	34.8	30.4	≤5.0	87.0	4.9
Albert Einstein	35	11.4	20.0	31.4	11.4	20.0	5.7	≤5.0	37.1	3.3
John F. Kennedy	27	29.6	55.6	14.8	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	1.9
Richard Montgomery	11	≤5.0	9.1	9.1	27.3	54.5	≤5.0	≤5.0	81.8	4.3
Rockville	41	≤5.0	9.8	17.1	29.3	24.4	7.3	9.8	70.7	4.2
Seneca Valley	10	≤5.0	10.0	20.0	20.0	30.0	20.0	≤5.0	70.0	4.3
Springbrook	34	5.9	14.7	23.5	32.4	20.6	≤5.0	≤5.0	55.9	3.6
Watkins Mill	37	21.6	24.3	29.7	16.2	8.1	≤5.0	≤5.0	24.3	2.6

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D6. 2019 MCPS International Baccalaureate **Mathematics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	318	7.5	13.5	19.2	23.3	22.0	11.6	≤5.0	59.7	3.8
Bethesda-Chevy Chase	58	≤5.0	8.6	22.4	36.2	20.7	12.1	≤5.0	69.0	4.1
Albert Einstein	14	7.1	28.6	42.9	21.4	≤5.0	≤5.0	≤5.0	21.4	2.8
John F. Kennedy	39	46.2	51.3	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	1.6
Richard Montgomery	161	≤5.0	≤5.0	21.1	25.5	29.8	14.3	5.6	75.2	4.5
Rockville	10	≤5.0	10.0	20.0	30.0	40.0	≤5.0	≤5.0	70.0	4.0
Seneca Valley	--	--	--	--	--	--	--	--	--	--
Springbrook	18	16.7	16.7	22.2	16.7	≤5.0	27.8	≤5.0	44.4	3.5
Watkins Mill	--	--	--	--	--	--	--	--	--	--

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D7. 2019 MCPS International Baccalaureate **Biology**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	231	≤5.0	13.4	26.4	29.0	19.9	9.1	≤5.0	58.0	3.8
Bethesda-Chevy Chase	32	≤5.0	≤5.0	28.1	28.1	40.6	≤5.0	≤5.0	68.8	4.1
Albert Einstein	22	13.6	27.3	50.0	≤5.0	≤5.0	≤5.0	≤5.0	9.1	2.6
John F. Kennedy	20	10.0	30.0	40.0	20.0	≤5.0	≤5.0	≤5.0	20.0	2.7
Richard Montgomery	60	≤5.0	≤5.0	≤5.0	33.3	30.0	31.7	≤5.0	≥95.0	4.9
Rockville	30	≤5.0	20.0	20.0	40.0	20.0	≤5.0	≤5.0	60.0	3.6
Seneca Valley	21	≤5.0	≤5.0	47.6	38.1	9.5	≤5.0	≤5.0	47.6	3.5
Springbrook	18	≤5.0	16.7	27.8	33.3	11.1	11.1	≤5.0	55.6	3.7
Watkins Mill	28	≤5.0	25.0	35.7	25.0	14.3	≤5.0	≤5.0	39.3	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D8. 2019 MCPS International Baccalaureate **Physics**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	166	≤5.0	17.5	21.7	18.7	15.7	16.3	6.6	57.2	4.0
Bethesda-Chevy Chase	16	≤5.0	≤5.0	50.0	25.0	12.5	6.3	6.3	50.0	3.9
Albert Einstein	11	9.1	36.4	36.4	18.2	≤5.0	≤5.0	≤5.0	18.2	2.6
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	82	≤5.0	≤5.0	≤5.0	22.0	26.8	31.7	12.2	92.7	5.2
Rockville	--	--	--	--	--	--	--	--	--	--
Seneca Valley	20	≤5.0	15.0	55.0	25.0	≤5.0	≤5.0	≤5.0	30.0	3.2
Springbrook	10	20.0	70.0	10.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	1.9
Watkins Mill	21	≤5.0	42.9	42.9	9.5	≤5.0	≤5.0	≤5.0	14.3	2.8

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D9. 2019 MCPS International Baccalaureate **History**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	436	≤5.0	9.6	17.9	36.7	28.0	7.3	≤5.0	72.5	4.1
Bethesda-Chevy Chase	63	≤5.0	≤5.0	≤5.0	42.9	42.9	7.9	≤5.0	93.7	4.5
Albert Einstein	36	≤5.0	≤5.0	11.1	36.1	38.9	11.1	≤5.0	86.1	4.4
John F. Kennedy	27	≤5.0	29.6	48.1	14.8	7.4	≤5.0	≤5.0	22.2	3.0
Richard Montgomery	104	≤5.0	≤5.0	≤5.0	40.4	42.3	11.5	≤5.0	≥95.0	4.6
Rockville	37	≤5.0	5.4	≤5.0	40.5	35.1	16.2	≤5.0	91.9	4.5
Seneca Valley	44	≤5.0	≤5.0	18.2	38.6	34.1	≤5.0	≤5.0	79.5	4.3
Springbrook	48	≤5.0	14.6	18.8	50.0	10.4	6.3	≤5.0	66.7	3.8
Watkins Mill	77	≤5.0	28.6	45.5	23.4	≤5.0	≤5.0	≤5.0	26.0	3.0

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D10. 2019 MCPS International Baccalaureate **Psychology**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	174	≤5.0	8.6	12.6	23.6	24.7	22.4	6.9	77.6	4.6
Bethesda-Chevy Chase	22	≤5.0	≤5.0	9.1	27.3	36.4	22.7	≤5.0	86.4	4.6
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	58	≤5.0	≤5.0	≤5.0	6.9	31.0	43.1	19.0	≥95.0	5.7
Rockville	31	≤5.0	≤5.0	6.5	25.8	38.7	25.8	≤5.0	93.5	4.9
Seneca Valley	--	--	--	--	--	--	--	--	--	--
Springbrook	18	11.1	33.3	33.3	22.2	≤5.0	≤5.0	≤5.0	22.2	2.7
Watkins Mill	40	≤5.0	17.5	30.0	40.0	10.0	≤5.0	≤5.0	52.5	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D11. 2019 MCPS International Baccalaureate **Social and Cultural Anthropology**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	165	≤5.0	≤5.0	20.0	17.6	30.3	22.4	≤5.0	75.2	4.6
Bethesda-Chevy Chase	75	≤5.0	9.3	40.0	24.0	21.3	5.3	≤5.0	50.7	3.7
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	29	≤5.0	≤5.0	10.3	24.1	41.4	20.7	≤5.0	86.2	4.7
Richard Montgomery	32	≤5.0	≤5.0	≤5.0	≤5.0	21.9	53.1	25.0	≥95.0	6.0
Rockville	29	≤5.0	≤5.0	≤5.0	13.8	51.7	34.5	≤5.0	≥95.0	5.2
Seneca Valley	--	--	--	--	--	--	--	--	--	--
Springbrook	--	--	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--	--	--

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D12. 2019 MCPS International Baccalaureate **Spanish B**:
Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School

High School	N Exams Taken	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7							% Exam Scores 4 or Higher	Mean Exam Score
		% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7		
All Students	333	≤5.0	≤5.0	≤5.0	12.0	27.9	47.7	10.8	≥95.0	5.5
Bethesda-Chevy Chase	52	≤5.0	≤5.0	≤5.0	17.3	26.9	40.4	15.4	≥95.0	5.5
Albert Einstein	23	≤5.0	≤5.0	≤5.0	30.4	65.2	≤5.0	≤5.0	≥95.0	4.7
John F. Kennedy	29	≤5.0	≤5.0	≤5.0	13.8	41.4	41.4	≤5.0	≥95.0	5.3
Richard Montgomery	112	≤5.0	≤5.0	≤5.0	≤5.0	17.9	61.6	16.1	≥95.0	5.9
Rockville	27	≤5.0	≤5.0	≤5.0	7.4	40.7	44.4	7.4	≥95.0	5.5
Seneca Valley	24	≤5.0	≤5.0	≤5.0	12.5	8.3	75.0	≤5.0	≥95.0	5.7
Springbrook	30	≤5.0	≤5.0	10.0	20.0	43.3	20.0	6.7	90.0	4.9
Watkins Mill	36	≤5.0	≤5.0	≤5.0	13.9	16.7	55.6	11.1	≥95.0	5.6

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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.