MEMORANDUM

February 9, 2023
Information - ANNUAL

TO: High School Principals

FROM: Dr. Kecia L. Addison, Director, Office of Shared Accountability

SUBJECT: *2022 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 information on Advanced Placement (AP) and International Baccalaureate (IB) course enrollment, exam participation, and exam performance during the 2021–2022 school year.

- The College Board shifted their testing procedures in 2019–2021 due to the COVID-19 pandemic. During the pandemic, emergency remote learning, problems with access to technology, and reductions in course load for some students may have had unintended consequences on students' enrollment in AP/IB courses and participation in exams. Students returned to in-person testing in 2021–2022 school year because schools were open.

- In 2022, all 25 comprehensive high schools offered AP courses, and eight offered IB programs. Of the 25 high schools, 14 offered 30 or more AP/IB courses. Bethesda Chevy-Chase, John F. Kennedy, and Richard Montgomery high schools offered the highest number of AP/IB courses. Districtwide, 47.6% of high school students enrolled in at least one AP/IB course in 2022. From 2020 to 2022, the AP/IB course enrollment rate decreased by 9.3%. The enrollment rate decreased by 5.2% from 2021 to 2022.

- Some equity gaps expanded during and in the wake of emergency remote learning due to the pandemic. For example, from 2020–2022, compared to students in other racial/ethnic groups, students who identified as Black or African American or Hispanic/Latino had the most significant declines in rates of taking at least one AP/IB exam.

- The number of AP exams taken by high school students was 33,291 in 2022, a decrease of 5,963 tests from 2020 but an increase of 1,541 tests from 2021. The percent of AP exams taken by students with a score of 3 or higher was 72.4 in 2022, a 2.7 percentage-point decrease from 75.1 in 2020 but a 4.3 percentage-point increase from 68.1 in 2021.

- In 2022, the 20 AP exams most frequently taken by students included: U.S. Government and Politics, English Language and Composition, World History, Psychology, U.S. History, Computer Science Principles, English Literature and Composition, Calculus AB, Statistics, Calculus BC, Biology, Spanish Language and Culture, Physics 1, Environmental Science, Microeconomics, Macroeconomics, Computer Science A, Chemistry, Human Geography, and Physics C: Mechanics.

- Participation in IB exams decreased from 3,688 in 2020 to 3,084 in 2021 and 2,992 in 2022. The percentage of IB exams taken by students with a score of 4 or higher was 82.5% in 2022, an increase of 1.4% from 81.1% in 2020 but a decrease of 4.5% from 87% in 2021.

- In 2022, the 10 IB exams most frequently taken by students included: English A: Language and Literature, History, Spanish B, Mathematics: Analysis and Approaches, Mathematics: Application and Interpretation, Biology, English A: Literature, Environmental Systems and Societies, Physics, and Psychology.

Links/Additional Information

Additional information on AP/IB course and exam 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

If you have questions, please contact Dr. Daniel Princiotta, supervisor, applied research and evaluation unit, Shared Accountability, via email.

Approved by: _____
Dr. Patrick K. Murphy, Deputy Superintendent

Appendix A

Table A1. Number of Advanced Placement and International Baccalaureate Courses Offered from 2020–2022 by High School

High School	Number of **AP** Courses Offered			Number of **IB** Courses Offered			Number of **AP/IB** Courses Offered		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
MCPS	59	53	53	70	74	76	129	127	129
Bethesda-Chevy Chase	27	25	27	43	38	38	70	63	65
Montgomery Blair	36	32	29	n/a	n/a	n/a	36	32	29
James Hubert Blake	30	30	28	n/a	n/a	n/a	30	30	28
Winston Churchill	36	33	32	n/a	n/a	n/a	36	33	32
Clarksburg	30	27	27	n/a	n/a	n/a	30	27	27
Damascus	29	21	23	n/a	n/a	n/a	29	21	23
Albert Einstein	27	23	20	34	31	35	61	54	55
Gaithersburg	28	25	24	n/a	n/a	n/a	28	25	24
Walter Johnson	40	38	38	n/a	n/a	n/a	40	38	38
John F. Kennedy	13	10	14	47	46	47	60	56	61
Col. Zadok Magruder	28	22	23	n/a	n/a	n/a	28	22	23
Richard Montgomery	31	27	27	46	47	45	77	74	72
Northwest	30	29	28	n/a	n/a	n/a	30	29	28
Northwood	26	22	22	n/a	n/a	n/a	26	22	22
Paint Branch	19	21	22	n/a	n/a	n/a	19	21	22
Poolesville	31	29	30	n/a	n/a	n/a	31	29	30
Quince Orchard	34	31	31	n/a	n/a	n/a	34	31	31
Rockville	24	20	22	28	27	27	52	47	49
Seneca Valley	10	10	10	33	39	38	43	49	48
Sherwood	30	28	27	n/a	n/a	n/a	30	28	27
Springbrook	22	21	21	35	31	28	57	52	49
Watkins Mill	10	10	12	33	31	30	43	41	42
Wheaton	24	21	20	n/a	n/a	n/a	24	21	20
Walt Whitman	38	35	35	n/a	n/a	n/a	38	35	35
Thomas S. Wootton	39	34	37	n/a	n/a	n/a	39	34	37

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 2021 and 2022 by High School and Race/Ethnicity (All students, Asian, Black or African American)

High School	All Students						Asian						Black or African American					
	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	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
All Students	31,750	33,291	21,618	24,097	68.1	72.4	9,553	10,048	7,321	8,021	76.6	79.8	3,506	3,891	1,473	1,851	42.0	47.6
Bethesda-Chevy Chase	1,725	1,750	1,253	1,314	72.6	75.1	107	97	86	75	80.4	77.3	128	148	57	85	44.5	57.4
Montgomery Blair	1,987	2,234	1,613	1,856	81.2	83.1	645	760	586	704	90.9	92.6	226	279	136	151	60.2	54.1
James Hubert Blake	867	725	380	408	43.8	56.3	149	139	64	76	43.0	54.7	278	237	87	103	31.3	43.5
Winston Churchill	2,896	3,029	2,186	2,514	75.5	83.0	1,250	1,341	1,017	1,154	81.4	86.1	136	141	70	95	51.5	67.4
Clarksburg	1,574	1,353	885	853	56.2	63.0	746	671	459	443	61.5	66.0	238	206	88	110	37.0	53.4
Damascus	754	689	388	453	51.5	65.7	156	168	99	128	63.5	76.2	58	42	19	23	32.8	54.8
Albert Einstein	713	696	363	448	50.9	64.4	56	53	29	36	51.8	67.9	92	70	24	36	26.1	51.4
Gaithersburg	376	395	183	231	48.7	58.5	67	66	43	36	64.2	54.5	75	67	37	39	49.3	58.2
Walter Johnson	2,669	2,818	2,116	2,380	79.3	84.5	495	528	416	464	84.0	87.9	161	190	86	122	53.4	64.2
John F. Kennedy	438	444	131	154	29.9	34.7	63	52	24	24	38.1	46.2	102	123	16	27	15.7	22.0
Col. Zadok Magruder	626	680	352	454	56.2	66.8	137	148	84	110	61.3	74.3	60	71	27	39	45.0	54.9
Richard Montgomery	2,079	2,087	1,562	1,686	75.1	80.8	871	880	700	764	80.4	86.8	186	162	110	106	59.1	65.4
Northwest	1,632	2,071	1,000	1,272	61.3	61.4	686	811	474	584	69.1	72.0	216	293	83	116	38.4	39.6
Northwood	596	618	297	323	49.8	52.3	67	48	37	30	55.2	62.5	151	149	51	57	33.8	38.3
Paint Branch	478	717	267	350	55.9	48.8	155	188	89	106	57.4	56.4	204	359	96	148	47.1	41.2
Poolesville	1,853	1,929	1,575	1,601	85.0	83.0	980	1,063	884	926	90.2	87.1	78	79	59	59	75.6	74.7
Quince Orchard	1,809	1,648	1,028	1,094	56.8	66.4	366	303	222	218	60.7	71.9	146	111	53	52	36.3	46.8
Rockville	556	585	252	331	45.3	56.6	79	105	36	58	45.6	55.2	83	68	23	28	27.7	41.2
Seneca Valley	244	337	90	135	36.9	40.1	52	91	28	44	53.8	48.4	65	87	18	25	27.7	28.7
Sherwood	1,040	1,224	746	871	71.7	71.2	223	267	167	190	74.9	71.2	91	110	52	64	57.1	58.2
Springbrook	652	826	278	302	42.6	36.6	172	166	98	83	57.0	50.0	267	397	79	109	29.6	27.5
Watkins Mill	109	206	47	66	43.1	32.0	25	42	12	12	48.0	28.6	26	48	8	12	30.8	25.0
Wheaton	1,138	1,156	570	697	50.1	60.3	247	234	137	146	55.5	62.4	303	289	123	140	40.6	48.4
Walt Whitman	2,296	2,427	1,903	2,066	82.9	85.1	416	447	354	392	85.1	87.7	22	43	15	31	68.2	72.1
Thomas S. Wootton	2,638	2,643	2,151	2,238	81.5	84.7	1,343	1,380	1,176	1,218	87.6	88.3	112	119	55	74	49.1	62.2

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 2022. 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 2021 and 2022 by High School and Race/Ethnicity (Hispanic/Latino, White, Two or More Races)

High School	Hispanic/Latino N AP Exams Taken 2021	2022	N Exams 3 or Higher 2021	2022	% Exams 3 or Higher 2021	2022	White N AP Exams Taken 2021	2022	N Exams 3 or Higher 2021	2022	% Exams 3 or Higher 2021	2022	Two or More Races N AP Exams Taken 2021	2022	N Exams 3 or Higher 2021	2022	% Exams 3 or Higher 2021	2022
All Students	3,672	4,029	1,843	2,273	50.2	56.4	13,211	13,492	9,692	10,554	73.4	78.2	1,754	1,779	1,260	1,365	71.8	76.7
Bethesda-Chevy Chase	143	174	88	119	61.5	68.4	1,239	1,218	942	944	76.0	77.5	105	108	77	88	73.3	81.5
Montgomery Blair	139	173	85	124	61.2	71.7	846	885	700	754	82.7	85.2	126	133	101	119	80.2	89.5
James Hubert Blake	126	99	40	53	31.7	53.5	252	217	157	157	62.3	72.4	62	31	32	19	51.6	61.3
Winston Churchill	142	167	103	131	72.5	78.4	1,202	1,245	881	1,022	73.3	82.1	161	130	114	111	70.8	85.4
Clarksburg	160	128	72	65	45.0	50.8	357	271	225	182	63.0	67.2	69	74	40	51	58.0	68.9
Damascus	108	87	44	46	40.7	52.9	393	363	208	239	52.9	65.8	38	29	18	17	47.4	58.6
Albert Einstein	184	154	76	77	41.3	50.0	323	359	207	259	64.1	72.1	56	57	26	39	46.4	68.4
Gaithersburg	131	160	55	95	42.0	59.4	94	90	42	56	44.7	62.2	--	--	--	--	--	36.4
Walter Johnson	256	264	168	197	65.6	74.6	1,564	1,614	1,279	1,407	81.8	87.2	185	219	161	187	87.0	85.4
John F. Kennedy	227	204	69	58	30.4	28.4	39	55	19	39	48.7	70.9	--	--	--	--	--	60.0
Col. Zadok Magruder	144	165	65	104	45.1	63.0	254	264	161	181	63.4	68.6	27	29	14	18	51.9	62.1
Richard Montgomery	199	211	125	134	62.8	63.5	678	702	507	573	74.8	81.6	139	125	116	103	83.5	82.4
Northwest	172	260	75	118	43.6	45.4	504	608	342	390	67.9	64.1	54	99	26	64	48.1	64.6
Northwood	165	225	81	111	49.1	49.3	184	161	109	103	59.2	64.0	29	35	19	22	65.5	62.9
Paint Branch	70	113	45	61	64.3	54.0	38	39	30	27	78.9	69.2	--	--	--	--	63.6	44.4
Poolesville	117	114	90	86	76.9	75.4	570	573	454	445	79.6	77.7	105	100	86	85	81.9	85.0
Quince Orchard	231	194	94	93	40.7	47.9	974	933	601	658	61.7	70.5	91	103	57	70	62.6	68.0
Rockville	111	125	42	55	37.8	44.0	263	263	141	173	53.6	65.8	--	24	--	17	62.5	70.8
Seneca Valley	52	62	16	27	30.8	43.5	60	72	25	31	41.7	43.1	--	24	--	7	20.0	29.2
Sherwood	82	108	51	58	62.2	53.7	583	686	426	522	73.1	76.1	61	53	50	37	82.0	69.8
Springbrook	125	158	46	54	36.8	34.2	66	71	42	40	63.6	56.3	21	32	12	16	57.1	50.0
Watkins Mill	41	83	19	31	46.3	37.3	--	23	--	7	40.0	30.4	--	--	--	--	--	--
Wheaton	295	301	112	143	38.0	47.5	236	264	162	215	68.6	81.4	56	66	36	53	64.3	80.3
Walt Whitman	148	186	116	154	78.4	82.8	1,515	1,566	1,263	1,331	83.4	85.0	193	181	153	154	79.3	85.1
Thomas S. Wootton	104	113	66	79	63.5	69.9	959	950	762	799	79.5	84.1	118	80	92	68	78.0	85.0

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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 2021 and 2022 by High School and Race/Ethnicity (All students, Asian, Black or African American)

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	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
All Students	16,889	17,389	11,588	12,658	68.6	72.8	4,343	4,431	3,375	3,600	77.7	81.2	2,223	2,453	973	1,190	43.8	48.5
Bethesda-Chevy Chase	972	969	730	750	75.1	77.4	57	49	45	40	78.9	81.6	77	91	38	51	49.4	56.0
Montgomery Blair	929	1,023	731	824	78.7	80.5	227	259	205	236	90.3	91.1	133	150	76	78	57.1	52.0
James Hubert Blake	492	421	225	247	45.7	58.7	86	70	33	44	38.4	62.9	167	149	60	67	35.9	45.0
Winston Churchill	1,313	1,303	1,016	1,110	77.4	85.2	502	528	417	466	83.1	88.3	73	71	42	47	57.5	66.2
Clarksburg	857	769	523	507	61.0	65.9	363	354	255	247	70.2	69.8	151	132	62	73	41.1	55.3
Damascus	416	378	222	249	53.4	65.9	77	79	48	57	62.3	72.2	35	27	12	17	34.3	63.0
Albert Einstein	524	486	284	338	54.2	69.5	42	36	21	25	50.0	69.4	63	51	21	29	33.3	56.9
Gaithersburg	245	247	136	156	55.5	63.2	40	36	28	20	70.0	55.6	48	42	27	24	56.3	57.1
Walter Johnson	1,357	1,381	1,105	1,218	81.4	88.2	232	228	201	207	86.6	90.8	96	102	54	72	56.3	70.6
John F. Kennedy	327	339	121	125	37.0	36.9	41	34	21	17	51.2	50.0	76	95	14	23	18.4	24.2
Col. Zadok Magruder	399	376	254	266	63.7	70.7	87	71	56	57	64.4	80.3	46	42	20	22	43.5	52.4
Richard Montgomery	1,025	989	790	827	77.1	83.6	370	366	313	338	84.6	92.3	103	88	60	57	58.3	64.8
Northwest	917	1,189	560	740	61.1	62.2	338	396	240	300	71.0	75.8	137	205	54	85	39.4	41.5
Northwood	371	389	188	232	50.7	59.6	39	31	20	21	51.3	67.7	101	98	34	44	33.7	44.9
Paint Branch	310	438	186	237	60.0	54.1	96	98	56	57	58.3	58.2	135	236	75	112	55.6	47.5
Poolesville	764	820	663	691	86.8	84.3	361	397	336	361	93.1	90.9	36	43	29	31	80.6	72.1
Quince Orchard	907	836	537	560	59.2	67.0	165	143	109	109	66.1	76.2	89	69	30	30	33.7	43.5
Rockville	365	360	189	230	51.8	63.9	56	63	29	40	51.8	63.5	54	42	17	21	31.5	50.0
Seneca Valley	219	296	81	117	37.0	39.5	41	74	23	38	56.1	51.4	62	80	18	23	29.0	28.8
Sherwood	576	644	436	496	75.7	77.0	106	123	91	97	85.8	78.9	59	64	34	41	57.6	64.1
Springbrook	419	549	190	212	45.3	38.6	96	94	58	51	60.4	54.3	182	265	57	75	31.3	28.3
Watkins Mill	99	185	45	59	45.5	31.9	--	36	--	9	52.6	25.0	25	41	8	11	32.0	26.8
Wheaton	684	666	374	429	54.7	64.4	145	130	91	89	62.8	68.5	181	172	80	97	44.2	56.4
Walt Whitman	1,121	1,146	965	1,006	86.1	87.8	180	180	161	165	89.4	91.7	--	22	--	15	68.8	68.2
Thomas S. Wootton	1,276	1,186	1,035	1,032	81.1	87.0	577	556	508	509	88.0	91.5	76	73	39	45	51.3	61.6

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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 2021 and 2022 by High School and Race/Ethnicity (Hispanic/Latino, White, Two or More Races)

| | 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 | |
High School	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
All Students	2,350	2,570	1,256	1,532	53.4	59.6	6,999	6,943	5,282	5,579	75.5	80.4	942	960	684	735	72.6	76.6
Bethesda-Chevy Chase	88	95	58	70	65.9	73.7	685	665	541	532	79.0	80.0	64	66	47	54	73.4	81.8
Montgomery Blair	82	110	52	78	63.4	70.9	422	439	346	376	82.0	85.6	63	63	50	54	79.4	85.7
James Hubert Blake	85	73	26	41	30.6	56.2	128	112	91	85	71.1	75.9	26	--	15	--	57.7	62.5
Winston Churchill	75	77	54	65	72.0	84.4	586	559	448	475	76.5	85.0	74	65	54	56	73.0	86.2
Clarksburg	113	81	59	48	52.2	59.3	184	157	123	110	66.8	70.1	44	42	23	27	52.3	64.3
Damascus	57	56	27	32	47.4	57.1	223	200	123	131	55.2	65.5	23	--	12	--	52.2	75.0
Albert Einstein	140	113	64	68	45.7	60.2	240	243	158	188	65.8	77.4	37	40	19	27	51.4	67.5
Gaithersburg	91	110	45	74	49.5	67.3	59	51	31	34	52.5	66.7	--	--	--	--	--	--
Walter Johnson	130	148	92	113	70.8	76.4	797	794	669	728	83.9	91.7	97	107	86	96	88.7	89.7
John F. Kennedy	177	167	66	56	37.3	33.5	27	36	17	25	63.0	69.4	--	--	--	--	--	--
Col. Zadok Magruder	86	101	54	68	62.8	67.3	159	141	111	106	69.8	75.2	--	--	--	--	63.2	63.2
Richard Montgomery	119	108	76	80	63.9	74.1	357	359	277	295	77.6	82.2	73	65	62	54	84.9	83.1
Northwest	107	171	53	87	49.5	50.9	294	353	191	230	65.0	65.2	41	64	22	38	53.7	59.4
Northwood	110	149	58	83	52.7	55.7	103	94	65	71	63.1	75.5	--	--	--	--	61.1	76.5
Paint Branch	50	73	34	43	68.0	58.9	22	--	17	--	77.3	90.0	--	--	--	--	--	63.6
Poolesville	57	59	44	44	77.2	74.6	268	274	218	217	81.3	79.2	41	47	35	38	85.4	80.9
Quince Orchard	127	119	61	59	48.0	49.6	480	457	307	330	64.0	72.2	45	47	29	31	64.4	66.0
Rockville	76	84	35	48	46.1	57.1	163	157	100	109	61.3	69.4	--	--	--	--	57.1	85.7
Seneca Valley	47	56	14	23	29.8	41.1	55	63	23	26	41.8	41.3	--	22	--	6	21.4	27.3
Sherwood	50	63	32	40	64.0	63.5	330	363	252	292	76.4	80.4	31	31	27	26	87.1	83.9
Springbrook	91	123	37	49	40.7	39.8	34	47	27	28	79.4	59.6	--	--	--	--	66.7	47.4
Watkins Mill	40	79	19	30	47.5	38.0	--	21	--	7	46.2	33.3	--	--	--	--	--	--
Wheaton	200	197	85	105	42.5	53.3	124	133	97	109	78.2	82.0	33	33	21	29	63.6	87.9
Walt Whitman	88	94	71	79	80.7	84.0	743	754	638	665	85.9	88.2	92	93	82	79	89.1	84.9
Thomas S. Wootton	64	63	40	49	62.5	77.8	500	451	405	392	81.0	86.9	58	42	43	37	74.1	88.1

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 are based on data reported by the College Board as of September 2022. 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 2021 and 2022 by High School and Gender

| | 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 | |
High School	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
All Students	7,828	8,164	5,434	5,977	69.4	73.2	9,052	9,189	6,148	6,656	67.9	72.4
Bethesda-Chevy Chase	486	467	377	372	77.6	79.7	486	496	353	372	72.6	75.0
Montgomery Blair	456	492	365	410	80.0	83.3	472	528	365	411	77.3	77.8
James Hubert Blake	177	165	84	95	47.5	57.6	315	253	141	152	44.8	60.1
Winston Churchill	646	648	498	552	77.1	85.2	667	654	518	558	77.7	85.3
Clarksburg	382	357	225	227	58.9	63.6	475	411	298	280	62.7	68.1
Damascus	168	158	89	102	53.0	64.6	247	220	132	147	53.4	66.8
Albert Einstein	214	219	122	159	57.0	72.6	310	265	162	178	52.3	67.2
Gaithersburg	111	102	56	65	50.5	63.7	134	145	80	91	59.7	62.8
Walter Johnson	668	663	548	582	82.0	87.8	685	712	554	630	80.9	88.5
John F. Kennedy	122	133	43	53	35.2	39.8	205	206	78	72	38.0	35.0
Col. Zadok Magruder	170	174	105	119	61.8	68.4	229	202	149	147	65.1	72.8
Richard Montgomery	448	426	339	357	75.7	83.8	577	559	451	467	78.2	83.5
Northwest	411	539	253	317	61.6	58.8	506	649	307	423	60.7	65.2
Northwood	134	148	63	82	47.0	55.4	236	241	125	150	53.0	62.2
Paint Branch	123	164	71	83	57.7	50.6	187	274	115	154	61.5	56.2
Poolesville	367	391	330	344	89.9	88.0	397	429	333	347	83.9	80.9
Quince Orchard	404	399	240	271	59.4	67.9	502	436	297	288	59.2	66.1
Rockville	186	176	105	113	56.5	64.2	179	184	84	117	46.9	63.6
Seneca Valley	103	136	38	54	36.9	39.7	116	159	43	63	37.1	39.6
Sherwood	257	286	192	227	74.7	79.4	318	357	243	268	76.4	75.1
Springbrook	233	306	109	117	46.8	38.2	186	242	81	94	43.5	38.8
Watkins Mill	41	88	18	26	43.9	29.5	58	96	27	33	46.6	34.4
Wheaton	373	366	210	232	56.3	63.4	311	299	164	196	52.7	65.6
Walt Whitman	530	565	451	499	85.1	88.3	591	580	514	506	87.0	87.2
Thomas S. Wootton	613	592	501	519	81.7	87.7	663	592	534	512	80.5	86.5

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2022.

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 2021 and 2022 by High School and Service Group

	FARMS						Special Education						EML/ReEML					
	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	
High School	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
All Students	1,792	2,743	802	1,396	44.8	50.9	377	390	199	211	52.8	54.1	609	346	360	202	59.1	58.4
Bethesda-Chevy Chase	40	57	22	26	55.0	45.6	37	26	20	19	54.1	73.1	24	--	13	--	54.2	--
Montgomery Blair	76	152	46	94	60.5	61.8	22	--	16	--	72.7	≥95.0	--	22	--	17	53.3	77.3
James Hubert Blake	101	107	22	50	21.8	46.7	--	--	--	--	50.0	--	--	--	--	--	46.7	--
Winston Churchill	30	44	17	30	56.7	68.2	48	40	24	26	50.0	65.0	26	--	15	--	57.7	--
Clarksburg	100	103	48	59	48.0	57.3	--	--	--	--	53.8	73.3	33	--	24	--	72.7	--
Damascus	--	37	--	24	31.6	64.9	--	--	--	--	50.0	--	--	--	--	--	--	--
Albert Einstein	87	107	35	66	40.2	61.7	--	--	--	--	57.1	58.3	24	22	15	17	62.5	77.3
Gaithersburg	71	97	37	60	52.1	61.9	--	--	--	--	--	--	--	--	--	--	75.0	64.3
Walter Johnson	49	77	32	56	65.3	72.7	26	25	22	18	84.6	72.0	47	--	31	--	66.0	73.3
John F. Kennedy	127	185	36	56	28.3	30.3	--	--	--	--	27.3	30.8	71	44	30	19	42.3	43.2
Col. Zadok Magruder	53	88	29	49	54.7	55.7	--	--	--	--	--	--	--	--	--	--	54.5	--
Richard Montgomery	118	109	62	78	52.5	71.6	--	--	--	--	33.3	--	39	--	28	--	71.8	71.4
Northwest	81	192	32	89	39.5	46.4	--	24	--	8	26.7	33.3	21	--	7	--	33.3	71.4
Northwood	90	158	37	81	41.1	51.3	--	--	--	--	42.1	52.6	--	23	--	15	45.0	65.2
Paint Branch	93	191	45	97	48.4	50.8	--	--	--	--	--	--	--	--	--	--	61.5	--
Poolesville	28	54	20	36	71.4	66.7	--	--	--	--	93.3	75.0	--	--	--	--	--	--
Quince Orchard	100	126	42	60	42.0	47.6	25	21	11	9	44.0	42.9	40	24	20	14	50.0	58.3
Rockville	46	72	21	42	45.7	58.3	--	--	--	--	46.7	23.5	--	--	--	--	--	--
Seneca Valley	33	80	9	26	27.3	32.5	--	--	--	--	--	--	--	--	--	--	--	--
Sherwood	24	31	14	20	58.3	64.5	--	--	--	--	--	33.3	--	--	--	--	75.0	--
Springbrook	132	245	60	80	45.5	32.7	--	--	--	--	--	≤5.0	30	37	11	16	36.7	43.2
Watkins Mill	38	98	17	30	44.7	30.6	--	--	--	--	--	--	--	--	--	--	85.7	82.4
Wheaton	208	272	89	144	42.8	52.9	--	--	--	--	41.7	44.4	28	24	14	13	50.0	54.2
Walt Whitman	--	--	--	--	--	75.0	--	25	--	17	56.3	68.0	50	--	39	--	78.0	--
Thomas S. Wootton	41	45	20	34	48.8	75.6	22	25	14	18	63.6	72.0	28	--	22	--	78.6	60.0

Note. AP = Advanced Placement. FARMS = Free and Reduced-price Meals System; EML = Emergent Multilingual Learner; ReEML = Recently Exited Emergent Multilingual Learner. AP exam results are based on data reported by the College Board as of September 2022. 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 Distribution 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	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	2021	16,889	8,567	4,343	2,232	1,141	--	50.7	25.7	13.2	6.8	≤5.0
	2022	17,389	8,527	4,515	2,491	1,245	--	49.0	26.0	14.3	7.2	≤5.0
Asian	2021	4,343	1,743	1,206	643	420	331	40.1	27.8	14.8	9.7	7.6
	2022	4,431	1,658	1,191	788	467	327	37.4	26.9	17.8	10.5	7.4
Black or African American	2021	2,223	1,373	549	197	--	--	61.8	24.7	8.9	≤5.0	≤5.0
	2022	2,453	1,522	586	223	--	--	62.0	23.9	9.1	≤5.0	≤5.0
Hispanic/Latino	2021	2,350	1,460	579	220	--	--	62.1	24.6	9.4	≤5.0	≤5.0
	2022	2,570	1,591	635	240	--	--	61.9	24.7	9.3	≤5.0	≤5.0
White	2021	6,999	3,475	1,788	1,035	503	--	49.6	25.5	14.8	7.2	≤5.0
	2022	6,943	3,254	1,835	1,107	543	--	46.9	26.4	15.9	7.8	≤5.0
Two or More Races	2021	942	495	219	130	67	--	52.5	23.2	13.8	7.1	≤5.0
	2022	960	486	255	131	61	--	50.6	26.6	13.6	6.4	≤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 2022. 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 Distribution of MCPS Students Who Took Advanced Placement Exams in 2022 by Number of Advanced Placement Exams Taken by High School

High School	N Took Any AP Exams	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	17,389	8,527	4,515	2,491	1,245	--	49.0	26.0	14.3	7.2	≤5.0
Bethesda-Chevy Chase	969	531	241	102	61	--	54.8	24.9	10.5	6.3	≤5.0
Montgomery Blair	1,023	443	248	150	91	91	43.3	24.2	14.7	8.9	8.9
James Hubert Blake	421	247	93	44	27	--	58.7	22.1	10.5	6.4	≤5.0
Winston Churchill	1,303	411	409	266	130	87	31.5	31.4	20.4	10.0	6.7
Clarksburg	769	395	216	116	--	--	51.4	28.1	15.1	≤5.0	≤5.0
Damascus	378	189	105	53	24	--	50.0	27.8	14.0	6.3	≤5.0
Albert Einstein	486	334	106	35	--	--	68.7	21.8	7.2	≤5.0	≤5.0
Gaithersburg	247	148	58	34	--	--	59.9	23.5	13.8	≤5.0	≤5.0
Walter Johnson	1,381	575	422	215	114	--	41.6	30.6	15.6	8.3	≤5.0
John F. Kennedy	339	254	67	--	--	--	74.9	19.8	≤5.0	≤5.0	≤5.0
Col. Zadok Magruder	376	197	89	60	26	--	52.4	23.7	16.0	6.9	≤5.0
Richard Montgomery	989	368	323	179	77	--	37.2	32.7	18.1	7.8	≤5.0
Northwest	1,189	657	290	161	61	--	55.3	24.4	13.5	5.1	≤5.0
Northwood	389	220	115	48	--	--	56.6	29.6	12.3	≤5.0	≤5.0
Paint Branch	438	263	104	43	26	--	60.0	23.7	9.8	5.9	≤5.0
Poolesville	820	320	178	154	89	79	39.0	21.7	18.8	10.9	9.6
Quince Orchard	836	406	180	149	79	--	48.6	21.5	17.8	9.4	≤5.0
Rockville	360	204	100	44	--	--	56.7	27.8	12.2	≤5.0	≤5.0
Seneca Valley	296	256	39	--	--	--	86.5	13.2	≤5.0	≤5.0	≤5.0
Sherwood	644	301	185	99	45	--	46.7	28.7	15.4	7.0	≤5.0
Springbrook	549	353	136	43	--	--	64.3	24.8	7.8	≤5.0	≤5.0
Watkins Mill	185	165	19	--	--	--	89.2	10.3	≤5.0	≤5.0	≤5.0
Wheaton	666	358	184	75	40	--	53.8	27.6	11.3	6.0	≤5.0
Walt Whitman	1,146	512	248	200	126	60	44.7	21.6	17.5	11.0	5.2
Thomas S. Wootton	1,186	416	360	203	148	--	35.1	30.4	17.1	12.5	≤5.0

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of September 2022. 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. 2022 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	3,581	6.1	22.8	24.5	28.9	17.8
English Literature & Composition	1,610	≤5.0	8.9	32.5	31.6	24.0
Mathematics						
Calculus AB	1,529	14.0	18.1	20.3	20.1	27.5
Calculus BC	1,190	≤5.0	12.6	16.6	18.2	48.8
Statistics	1,460	12.4	15.1	23.6	28.9	20.1
Science						
Biology	989	≤5.0	10.7	23.1	29.4	32.6
Chemistry	635	8.8	12.9	29.4	26.8	22.0
Environmental Science	893	10.8	20.0	18.6	36.3	14.3
Physics 1	917	21.6	27.8	22.6	19.4	8.6
Physics C: Mechanics	432	6.9	11.8	17.6	29.2	34.5
Social Studies						
Macroeconomics	801	17.7	16.1	15.1	24.6	26.5
Microeconomics	828	12.3	17.3	18.7	25.0	26.7
U.S. Government & Politics	4,789	15.5	23.4	28.2	15.1	17.8
U.S. History	2,321	18.8	21.9	24.3	20.1	14.9
World History	2,979	5.2	15.4	24.0	29.9	25.4
Human Geography	576	11.3	8.7	19.6	26.2	34.2
Psychology	2,391	21.0	11.0	18.3	25.8	24.0
Technology						
Computer Science A	779	16.0	8.0	15.9	21.1	39.0
Computer Science Principles	1,685	9.9	16.7	32.3	26.2	14.8
Foreign Language						
Spanish Language & Culture	948	≤5.0	6.3	25.3	33.6	34.0

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. 2022 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	3,581	2,549	71.2	959	796	83.0	460	213	46.3	429	191	44.5	1,531	1,198	78.2	195	147	75.4
English Literature & Composition	1,610	1,417	88.0	386	355	92.0	172	121	70.3	160	110	68.7	812	755	93.0	79	75	94.9
Mathematics																		
Calculus AB	1,529	1,039	68.0	480	367	76.5	181	59	32.6	137	68	49.6	657	492	74.9	72	53	73.6
Calculus BC	1,190	994	83.5	585	505	86.3	89	61	68.5	56	37	66.1	407	347	85.3	51	43	84.3
Statistics	1,460	1,059	72.5	510	406	79.6	121	61	50.4	111	47	42.3	636	480	75.5	81	65	80.2
Science																		
Biology	989	841	85.0	369	335	90.8	124	65	52.4	76	52	68.4	365	340	93.2	54	48	88.9
Chemistry	635	497	78.3	294	249	84.7	58	28	48.3	34	19	55.9	214	175	81.8	35	26	74.3
Environmental Science	893	618	69.2	187	145	77.5	74	30	40.5	97	42	43.3	475	360	75.8	60	41	68.3
Physics 1	917	464	50.6	346	186	53.8	106	26	24.5	76	22	28.9	345	202	58.6	44	28	63.6
Physics C: Mechanics	432	351	81.2	215	179	83.3	28	13	46.4	--	--	70.0	144	124	86.1	25	21	84.0
Social Studies																		
Macroeconomics	801	530	66.2	321	232	72.3	45	18	40.0	47	24	51.1	347	227	65.4	40	28	70.0
Microeconomics	828	583	70.4	331	251	75.8	48	17	35.4	48	23	47.9	359	263	73.3	41	29	70.7
U.S. Government & Politics	4,789	2,929	61.2	1,189	843	70.9	762	316	41.5	672	280	41.7	1,860	1,282	68.9	294	200	68.0
U.S. History	2,321	1,376	59.3	691	448	64.8	302	119	39.4	260	105	40.4	897	600	66.9	166	101	60.8
World History	2,979	2,364	79.4	734	637	86.8	413	247	59.8	401	246	61.3	1,251	1,083	86.6	172	146	84.9
Human Geography	576	461	80.0	110	90	81.8	75	40	53.3	60	39	65.0	303	268	88.4	27	23	85.2
Psychology	2,391	1,628	68.1	594	466	78.5	347	154	44.4	328	162	49.4	1,020	762	74.7	99	81	81.8
Technology																		
Computer Science A	779	592	76.0	379	336	88.7	95	38	40.0	73	30	41.1	198	159	80.3	32	28	87.5
Computer Science Principles	1,685	1,237	73.4	628	532	84.7	225	107	47.6	191	93	48.7	564	443	78.5	75	61	81.3
Foreign Language																		
Spanish Language & Culture	948	881	92.9	150	141	94.0	28	19	67.9	531	495	93.2	212	199	93.9	--	--	≥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 2022. 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. 2022 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	3,581	6.1	22.8	24.5	28.9	17.8	71.2	3.3
Bethesda-Chevy Chase	161	7.5	23.6	28.6	22.4	18.0	68.9	3.2
Montgomery Blair	254	≤5.0	14.2	16.9	30.7	33.9	81.5	3.8
James Hubert Blake	62	6.5	33.9	38.7	12.9	8.1	59.7	2.8
Winston Churchill	349	≤5.0	11.7	25.8	36.1	25.5	87.4	3.7
Clarksburg	151	6.0	31.1	35.1	20.5	7.3	62.9	2.9
Damascus	91	≤5.0	38.5	30.8	17.6	8.8	57.1	2.9
Albert Einstein	73	8.2	43.8	30.1	13.7	≤5.0	47.9	2.6
Gaithersburg	38	15.8	31.6	26.3	23.7	≤5.0	52.6	2.7
Walter Johnson	264	≤5.0	18.6	22.0	33.7	22.3	78.0	3.5
John F. Kennedy	48	16.7	50.0	18.8	12.5	≤5.0	33.3	2.3
Col. Zadok Magruder	112	5.4	21.4	25.0	25.0	23.2	73.2	3.4
Richard Montgomery	168	≤5.0	28.0	22.6	30.4	14.9	67.9	3.2
Northwest	263	11.4	33.1	28.9	18.6	8.0	55.5	2.8
Northwood	95	9.5	38.9	25.3	20.0	6.3	51.6	2.7
Paint Branch	65	16.9	41.5	23.1	16.9	≤5.0	41.5	2.4
Poolesville	199	≤5.0	5.5	19.6	42.2	32.7	94.5	4.0
Quince Orchard	220	15.0	33.2	22.3	22.3	7.3	51.8	2.7
Rockville	81	18.5	33.3	18.5	27.2	≤5.0	48.1	2.6
Seneca Valley	141	≤5.0	18.4	24.8	34.8	21.3	80.9	3.6
Sherwood	63	22.2	28.6	22.2	17.5	9.5	49.2	2.6
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	94	6.4	31.9	25.5	29.8	6.4	61.7	3.0
Wheaton	282	≤5.0	13.1	23.0	36.2	25.2	84.4	3.7
Walt Whitman	302	≤5.0	11.6	24.2	40.7	22.8	87.7	3.7
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 C4. 2022 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	1,610	≤5.0	8.9	32.5	31.6	24.0	88.0	3.6
Bethesda-Chevy Chase	79	≤5.0	8.9	36.7	29.1	25.3	91.1	3.7
Montgomery Blair	87	≤5.0	≤5.0	5.7	31.0	62.1	≥95.0	4.5
James Hubert Blake	32	≤5.0	9.4	34.4	18.8	34.4	87.5	3.7
Winston Churchill	53	≤5.0	11.3	37.7	34.0	17.0	88.7	3.6
Clarksburg	44	≤5.0	9.1	38.6	36.4	15.9	90.9	3.6
Damascus	47	≤5.0	6.4	42.6	21.3	25.5	89.4	3.6
Albert Einstein	46	13.0	8.7	45.7	21.7	10.9	78.3	3.1
Gaithersburg	19	≤5.0	15.8	42.1	31.6	10.5	84.2	3.4
Walter Johnson	111	≤5.0	8.1	24.3	41.4	25.2	91.0	3.8
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	39	≤5.0	15.4	48.7	28.2	7.7	84.6	3.3
Richard Montgomery	88	≤5.0	5.7	27.3	25.0	42.0	94.3	4.0
Northwest	211	8.1	11.4	43.1	25.1	12.3	80.6	3.2
Northwood	33	9.1	9.1	45.5	24.2	12.1	81.8	3.2
Paint Branch	20	≤5.0	30.0	45.0	20.0	≤5.0	65.0	2.8
Poolesville	86	≤5.0	≤5.0	15.1	43.0	34.9	93.0	4.0
Quince Orchard	143	≤5.0	18.9	37.8	28.0	11.9	77.6	3.3
Rockville	43	≤5.0	25.6	48.8	14.0	9.3	72.1	3.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	116	≤5.0	5.2	29.3	37.9	27.6	94.8	3.9
Springbrook	18	33.3	5.6	50.0	11.1	≤5.0	61.1	2.4
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	35	≤5.0	20.0	40.0	28.6	8.6	77.1	3.2
Walt Whitman	138	≤5.0	≤5.0	21.7	42.0	34.8	≥95.0	4.1
Thomas S. Wootton	122	≤5.0	≤5.0	26.2	41.8	27.9	≥95.0	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 C5. 2022 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	1,529	14.0	18.1	20.3	20.1	27.5	68.0	3.3
Bethesda-Chevy Chase	78	14.1	33.3	26.9	19.2	6.4	52.6	2.7
Montgomery Blair	47	12.8	17.0	34.0	21.3	14.9	70.2	3.1
James Hubert Blake	24	62.5	33.3	≤5.0	≤5.0	≤5.0	≤5.0	1.4
Winston Churchill	129	5.4	17.1	24.8	27.1	25.6	77.5	3.5
Clarksburg	78	6.4	9.0	29.5	20.5	34.6	84.6	3.7
Damascus	40	≤5.0	17.5	20.0	37.5	25.0	82.5	3.7
Albert Einstein	33	45.5	30.3	18.2	6.1	≤5.0	24.2	1.8
Gaithersburg	36	33.3	36.1	13.9	16.7	≤5.0	30.6	2.1
Walter Johnson	162	≤5.0	6.2	24.1	19.8	48.8	92.6	4.1
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	52	17.3	28.8	32.7	13.5	7.7	53.8	2.7
Richard Montgomery	53	≤5.0	11.3	20.8	26.4	39.6	86.8	3.9
Northwest	72	5.6	12.5	22.2	30.6	29.2	81.9	3.7
Northwood	12	50.0	50.0	≤5.0	≤5.0	≤5.0	≤5.0	1.5
Paint Branch	40	47.5	32.5	≤5.0	7.5	7.5	20.0	2.0
Poolesville	55	7.3	14.5	20.0	25.5	32.7	78.2	3.6
Quince Orchard	67	≤5.0	≤5.0	14.9	20.9	59.7	≥95.0	4.3
Rockville	32	31.3	37.5	15.6	9.4	6.3	31.3	2.2
Seneca Valley	11	≤5.0	27.3	9.1	27.3	36.4	72.7	3.7
Sherwood	91	12.1	29.7	26.4	17.6	14.3	58.2	2.9
Springbrook	64	45.3	32.8	14.1	7.8	≤5.0	21.9	1.8
Watkins Mill	20	70.0	20.0	≤5.0	≤5.0	≤5.0	10.0	1.5
Wheaton	63	31.7	30.2	22.2	12.7	≤5.0	38.1	2.3
Walt Whitman	123	5.7	12.2	21.1	29.3	31.7	82.1	3.7
Thomas S. Wootton	140	≤5.0	≤5.0	8.6	22.1	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 a nd 20 AP exams, only the percentage rate will be reported.

Table C6 2022 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	1,190	≤5.0	12.6	16.6	18.2	48.8	83.5	4.0
Bethesda-Chevy Chase	56	≤5.0	7.1	23.2	19.6	50.0	92.9	4.1
Montgomery Blair	141	≤5.0	5.7	14.2	16.3	60.3	90.8	4.2
James Hubert Blake	24	33.3	29.2	25.0	≤5.0	8.3	37.5	2.3
Winston Churchill	142	≤5.0	12.7	16.2	22.5	47.2	85.9	4.0
Clarksburg	25	≤5.0	≤5.0	36.0	28.0	36.0	≥95.0	4.0
Damascus	17	≤5.0	≤5.0	23.5	35.3	41.2	≥95.0	4.2
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	43	≤5.0	≤5.0	9.3	16.3	72.1	≥95.0	4.6
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	19	≤5.0	31.6	21.1	10.5	36.8	68.4	3.5
Richard Montgomery	122	≤5.0	5.7	13.1	16.4	64.8	94.3	4.4
Northwest	82	≤5.0	7.3	7.3	18.3	65.9	91.5	4.4
Northwood	13	38.5	61.5	≤5.0	≤5.0	≤5.0	≤5.0	1.6
Paint Branch	31	22.6	25.8	25.8	9.7	16.1	51.6	2.7
Poolesville	123	≤5.0	16.3	21.1	15.4	43.9	80.5	3.8
Quince Orchard	39	≤5.0	≤5.0	17.9	25.6	56.4	≥95.0	4.4
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	49	≤5.0	36.7	12.2	20.4	26.5	59.2	3.3
Springbrook	24	≤5.0	33.3	29.2	8.3	25.0	62.5	3.2
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	52	9.6	23.1	25.0	17.3	25.0	67.3	3.3
Walt Whitman	83	≤5.0	12.0	13.3	19.3	55.4	88.0	4.2
Thomas S. Wootton	84	≤5.0	≤5.0	11.9	22.6	61.9	≥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 C7. 2022 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	1,460	12.4	15.1	23.6	28.9	20.1	72.5	3.3
Bethesda-Chevy Chase	76	5.3	18.4	39.5	28.9	7.9	76.3	3.2
Montgomery Blair	142	≤5.0	7.7	9.2	33.8	46.5	89.4	4.1
James Hubert Blake	19	21.1	10.5	31.6	21.1	15.8	68.4	3.0
Winston Churchill	133	6.0	15.0	21.8	35.3	21.8	78.9	3.5
Clarksburg	73	26.0	28.8	24.7	16.4	≤5.0	45.2	2.4
Damascus	29	20.7	20.7	17.2	31.0	10.3	58.6	2.9
Albert Einstein	45	13.3	17.8	26.7	28.9	13.3	68.9	3.1
Gaithersburg	26	46.2	23.1	19.2	7.7	≤5.0	30.8	2.0
Walter Johnson	111	8.1	≤5.0	19.8	38.7	28.8	87.4	3.8
John F. Kennedy	12	66.7	16.7	8.3	8.3	≤5.0	16.7	1.6
Col. Zadok Magruder	19	26.3	42.1	15.8	5.3	10.5	31.6	2.3
Richard Montgomery	63	≤5.0	11.1	19.0	39.7	30.2	88.9	3.9
Northwest	48	10.4	14.6	33.3	27.1	14.6	75.0	3.2
Northwood	18	44.4	27.8	22.2	5.6	≤5.0	27.8	1.9
Paint Branch	33	24.2	30.3	21.2	18.2	6.1	45.5	2.5
Poolesville	124	5.6	10.5	19.4	32.3	32.3	83.9	3.8
Quince Orchard	73	6.8	9.6	28.8	24.7	30.1	83.6	3.6
Rockville	19	10.5	26.3	42.1	21.1	≤5.0	63.2	2.7
Seneca Valley	13	46.2	23.1	23.1	7.7	≤5.0	30.8	1.9
Sherwood	44	11.4	15.9	27.3	34.1	11.4	72.7	3.2
Springbrook	23	56.5	17.4	21.7	≤5.0	≤5.0	26.1	1.7
Watkins Mill	13	69.2	15.4	15.4	≤5.0	≤5.0	15.4	1.5
Wheaton	64	21.9	15.6	28.1	23.4	10.9	62.5	2.9
Walt Whitman	109	7.3	16.5	27.5	36.7	11.9	76.1	3.3
Thomas S. Wootton	131	≤5.0	14.5	29.0	31.3	20.6	80.9	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 C8. 2022 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	989	≤5.0	10.7	23.1	29.4	32.6	85.0	3.8
Bethesda-Chevy Chase	54	≤5.0	≤5.0	18.5	31.5	48.1	≥95.0	4.3
Montgomery Blair	95	≤5.0	12.6	29.5	29.5	25.3	84.2	3.6
James Hubert Blake	26	≤5.0	19.2	34.6	19.2	23.1	76.9	3.4
Winston Churchill	92	≤5.0	≤5.0	16.3	41.3	40.2	≥95.0	4.2
Clarksburg	69	≤5.0	13.0	20.3	29.0	36.2	85.5	3.9
Damascus	53	≤5.0	17.0	28.3	34.0	20.8	83.0	3.6
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	19	≤5.0	15.8	36.8	31.6	15.8	84.2	3.5
Walter Johnson	40	≤5.0	≤5.0	7.5	17.5	72.5	≥95.0	4.6
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	28	≤5.0	7.1	14.3	32.1	46.4	92.9	4.2
Northwest	50	8.0	10.0	36.0	42.0	≤5.0	82.0	3.2
Northwood	35	≤5.0	22.9	40.0	20.0	14.3	74.3	3.2
Paint Branch	48	27.1	29.2	22.9	12.5	8.3	43.8	2.5
Poolesville	43	≤5.0	≤5.0	≤5.0	32.6	60.5	≥95.0	4.5
Quince Orchard	43	≤5.0	7.0	41.9	30.2	20.9	93.0	3.7
Rockville	12	8.3	25.0	33.3	8.3	25.0	66.7	3.2
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	60	8.3	25.0	33.3	25.0	8.3	66.7	3.0
Springbrook	27	40.7	29.6	18.5	7.4	≤5.0	29.6	2.0
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	33	≤5.0	6.1	21.2	36.4	33.3	90.9	3.9
Walt Whitman	69	≤5.0	≤5.0	11.6	31.9	55.1	≥95.0	4.4
Thomas S. Wootton	86	≤5.0	≤5.0	15.1	31.4	51.2	≥95.0	4.3

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 C9. 2022 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	635	8.8	12.9	29.4	26.8	22.0	78.3	3.4
Bethesda-Chevy Chase	22	≤5.0	13.6	40.9	18.2	27.3	86.4	3.6
Montgomery Blair	25	8.0	16.0	20.0	24.0	32.0	76.0	3.6
James Hubert Blake	12	25.0	33.3	8.3	25.0	8.3	41.7	2.6
Winston Churchill	63	≤5.0	≤5.0	25.4	36.5	38.1	≥95.0	4.1
Clarksburg	24	≤5.0	25.0	20.8	29.2	20.8	70.8	3.4
Damascus	13	15.4	7.7	69.2	7.7	≤5.0	76.9	2.7
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	53	7.5	9.4	30.2	28.3	24.5	83.0	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	19	5.3	5.3	47.4	31.6	10.5	89.5	3.4
Richard Montgomery	29	6.9	24.1	31.0	24.1	13.8	69.0	3.1
Northwest	35	≤5.0	20.0	34.3	31.4	14.3	80.0	3.4
Northwood	--	--	--	--	--	--	--	--
Paint Branch	22	9.1	22.7	31.8	22.7	13.6	68.2	3.1
Poolesville	38	≤5.0	10.5	31.6	23.7	34.2	89.5	3.8
Quince Orchard	--	--	--	--	--	--	--	--
Rockville	11	36.4	≤5.0	45.5	18.2	≤5.0	63.6	2.5
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	32	21.9	37.5	21.9	18.8	≤5.0	40.6	2.4
Springbrook	31	64.5	16.1	19.4	≤5.0	≤5.0	19.4	1.5
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	42	≤5.0	11.9	33.3	16.7	35.7	85.7	3.7
Walt Whitman	49	6.1	6.1	30.6	38.8	18.4	87.8	3.6
Thomas S. Wootton	92	≤5.0	≤5.0	23.9	39.1	32.6	≥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. 2022 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	893	10.8	20.0	18.6	36.3	14.3	69.2	3.2
Bethesda-Chevy Chase	94	10.6	23.4	19.1	31.9	14.9	66.0	3.2
Montgomery Blair	48	≤5.0	12.5	25.0	35.4	25.0	85.4	3.7
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	59	11.9	8.5	16.9	42.4	20.3	79.7	3.5
Clarksburg	67	13.4	26.9	14.9	35.8	9.0	59.7	3.0
Damascus	19	21.1	21.1	15.8	31.6	10.5	57.9	2.9
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	13	30.8	30.8	23.1	15.4	≤5.0	38.5	2.2
Walter Johnson	57	5.3	21.1	19.3	31.6	22.8	73.7	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	48	20.8	27.1	20.8	20.8	10.4	52.1	2.7
Richard Montgomery	81	11.1	16.0	12.3	40.7	19.8	72.8	3.4
Northwest	73	13.7	19.2	13.7	37.0	16.4	67.1	3.2
Northwood	17	29.4	47.1	17.6	5.9	≤5.0	23.5	2.0
Paint Branch	19	15.8	47.4	21.1	15.8	≤5.0	36.8	2.4
Poolesville	53	≤5.0	11.3	26.4	39.6	22.6	88.7	3.7
Quince Orchard	34	8.8	20.6	14.7	41.2	14.7	70.6	3.3
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	28	21.4	21.4	21.4	28.6	7.1	57.1	2.8
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	14	≤5.0	21.4	28.6	35.7	14.3	78.6	3.4
Walt Whitman	92	≤5.0	19.6	13.0	53.3	9.8	76.1	3.4
Thomas S. Wootton	69	7.2	15.9	29.0	40.6	7.2	76.8	3.2

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 C11. 2022 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	917	21.6	27.8	22.6	19.4	8.6	50.6	2.7
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	113	23.9	40.7	23.9	10.6	≤5.0	35.4	2.2
James Hubert Blake	10	80.0	≤5.0	10.0	10.0	≤5.0	20.0	1.5
Winston Churchill	147	8.8	29.9	21.8	29.9	9.5	61.2	3.0
Clarksburg	54	46.3	37.0	11.1	5.6	≤5.0	16.7	1.8
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	15	26.7	26.7	33.3	6.7	6.7	46.7	2.4
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	74	8.1	21.6	20.3	29.7	20.3	70.3	3.3
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	38	5.3	18.4	18.4	34.2	23.7	76.3	3.5
Northwest	40	32.5	27.5	22.5	12.5	≤5.0	40.0	2.3
Northwood	15	46.7	40.0	6.7	6.7	≤5.0	13.3	1.7
Paint Branch	22	59.1	18.2	22.7	≤5.0	≤5.0	22.7	1.6
Poolesville	25	≤5.0	20.0	28.0	24.0	24.0	76.0	3.4
Quince Orchard	17	17.6	41.2	17.6	17.6	5.9	41.2	2.5
Rockville	20	35.0	40.0	20.0	≤5.0	≤5.0	25.0	2.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	20	15.0	40.0	20.0	20.0	≤5.0	45.0	2.6
Springbrook	30	73.3	6.7	13.3	≤5.0	≤5.0	20.0	1.6
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	78	29.5	32.1	25.6	11.5	≤5.0	38.5	2.2
Walt Whitman	72	≤5.0	11.1	31.9	37.5	15.3	84.7	3.5
Thomas S. Wootton	109	8.3	24.8	30.3	22.0	14.7	67.0	3.1

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 C12. 2022 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	432	6.9	11.8	17.6	29.2	34.5	81.2	3.7
Bethesda-Chevy Chase	21	≤5.0	9.5	14.3	33.3	42.9	90.5	4.1
Montgomery Blair	63	≤5.0	≤5.0	14.3	20.6	61.9	≥95.0	4.4
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	33	≤5.0	9.1	24.2	24.2	42.4	90.9	4.0
Clarksburg	11	9.1	27.3	9.1	18.2	36.4	63.6	3.5
Damascus	14	7.1	14.3	35.7	35.7	7.1	78.6	3.2
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	28	7.1	7.1	≤5.0	35.7	46.4	85.7	4.1
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	61	6.6	13.1	16.4	39.3	24.6	80.3	3.6
Northwest	--	--	--	--	--	--	--	--
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	29	≤5.0	6.9	13.8	48.3	31.0	93.1	4.0
Quince Orchard	14	28.6	28.6	28.6	7.1	7.1	42.9	2.4
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	19	5.3	26.3	21.1	31.6	15.8	68.4	3.3
Springbrook	16	31.3	31.3	18.8	18.8	≤5.0	37.5	2.3
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	21	19.0	19.0	28.6	19.0	14.3	61.9	2.9
Walt Whitman	51	≤5.0	11.8	23.5	29.4	31.4	84.3	3.7
Thomas S. Wootton	26	≤5.0	≤5.0	7.7	23.1	69.2	≥95.0	4.6

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 C13. 2022 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	801	17.7	16.1	15.1	24.6	26.5	66.2	3.3
Bethesda-Chevy Chase	56	16.1	16.1	21.4	19.6	26.8	67.9	3.3
Montgomery Blair	47	14.9	6.4	10.6	29.8	38.3	78.7	3.7
James Hubert Blake	27	51.9	14.8	14.8	7.4	11.1	33.3	2.1
Winston Churchill	68	≤5.0	≤5.0	7.4	29.4	55.9	92.6	4.3
Clarksburg	26	34.6	30.8	15.4	7.7	11.5	34.6	2.3
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	10	50.0	20.0	20.0	10.0	≤5.0	30.0	1.9
Walter Johnson	131	9.9	14.5	19.1	32.1	24.4	75.6	3.5
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	11	63.6	18.2	≤5.0	18.2	≤5.0	18.2	1.7
Richard Montgomery	69	13.0	14.5	20.3	24.6	27.5	72.5	3.4
Northwest	40	22.5	25.0	25.0	12.5	15.0	52.5	2.7
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	74	≤5.0	18.9	12.2	20.3	44.6	77.0	3.8
Quince Orchard	63	27.0	28.6	9.5	27.0	7.9	44.4	2.6
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	25	20.0	12.0	28.0	24.0	16.0	68.0	3.0
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	77	31.2	19.5	10.4	24.7	14.3	49.4	2.7
Thomas S. Wootton	76	9.2	13.2	13.2	31.6	32.9	77.6	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 C14. 2022 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	828	12.3	17.3	18.7	25.0	26.7	70.4	3.4
Bethesda-Chevy Chase	52	7.7	13.5	15.4	30.8	32.7	78.8	3.7
Montgomery Blair	48	≤5.0	10.4	6.3	12.5	66.7	85.4	4.3
James Hubert Blake	28	46.4	14.3	14.3	14.3	10.7	39.3	2.3
Winston Churchill	77	≤5.0	≤5.0	13.0	19.5	63.6	≥95.0	4.4
Clarksburg	19	5.3	47.4	21.1	21.1	5.3	47.4	2.7
Damascus	22	9.1	9.1	36.4	36.4	9.1	81.8	3.3
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	140	7.1	17.1	22.9	32.9	20.0	75.7	3.4
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	11	27.3	54.5	18.2	≤5.0	≤5.0	18.2	1.9
Richard Montgomery	54	7.4	13.0	20.4	33.3	25.9	79.6	3.6
Northwest	41	26.8	26.8	22.0	14.6	9.8	46.3	2.5
Northwood	--	--	--	--	--	--	--	--
Paint Branch	--	--	--	--	--	--	--	--
Poolesville	72	8.3	15.3	16.7	26.4	33.3	76.4	3.6
Quince Orchard	69	26.1	23.2	20.3	21.7	8.7	50.7	2.6
Rockville	--	--	--	--	--	--	--	--
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	30	23.3	33.3	23.3	20.0	≤5.0	43.3	2.4
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	--	--	--	--	--	--	--	--
Walt Whitman	72	9.7	18.1	27.8	25.0	19.4	72.2	3.3
Thomas S. Wootton	84	9.5	15.5	11.9	31.0	32.1	75.0	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 C15. 2022 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	4,789	15.5	23.4	28.2	15.1	17.8	61.2	3.0
Bethesda-Chevy Chase	279	6.8	16.5	30.8	20.4	25.4	76.7	3.4
Montgomery Blair	279	10.4	16.5	24.4	16.5	32.3	73.1	3.4
James Hubert Blake	103	14.6	31.1	35.0	7.8	11.7	54.4	2.7
Winston Churchill	333	11.7	22.5	28.8	16.5	20.4	65.8	3.1
Clarksburg	193	16.6	32.6	36.8	8.3	5.7	50.8	2.5
Damascus	97	17.5	36.1	29.9	6.2	10.3	46.4	2.6
Albert Einstein	216	17.6	27.8	25.5	16.2	13.0	54.6	2.8
Gaithersburg	43	11.6	32.6	34.9	11.6	9.3	55.8	2.7
Walter Johnson	351	5.1	14.0	26.8	22.2	31.9	80.9	3.6
John F. Kennedy	145	44.8	28.3	18.6	≤5.0	≤5.0	26.9	1.9
Col. Zadok Magruder	87	19.5	26.4	33.3	11.5	9.2	54.0	2.6
Richard Montgomery	342	10.5	20.5	27.8	17.3	24.0	69.0	3.2
Northwest	326	22.7	28.8	29.1	11.7	7.7	48.5	2.5
Northwood	101	34.7	24.8	24.8	10.9	≤5.0	40.6	2.3
Paint Branch	95	23.2	25.3	23.2	18.9	9.5	51.6	2.7
Poolesville	232	6.9	19.8	33.2	15.1	25.0	73.3	3.3
Quince Orchard	184	14.7	29.9	28.8	14.1	12.5	55.4	2.8
Rockville	94	17.0	26.6	23.4	12.8	20.2	56.4	2.9
Seneca Valley	173	27.2	34.1	25.4	11.6	≤5.0	38.7	2.3
Sherwood	161	10.6	20.5	32.3	13.7	23.0	68.9	3.2
Springbrook	121	35.5	36.4	17.4	5.8	≤5.0	28.1	2.1
Watkins Mill	72	52.8	25.0	13.9	5.6	≤5.0	22.2	1.8
Wheaton	176	23.3	23.3	29.5	14.2	9.7	53.4	2.6
Walt Whitman	330	≤5.0	16.1	27.3	21.2	32.1	80.6	3.6
Thomas S. Wootton	256	9.4	18.8	33.6	21.5	16.8	71.9	3.2

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 C16. 2022 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	2,321	18.8	21.9	24.3	20.1	14.9	59.3	2.9
Bethesda-Chevy Chase	174	6.9	20.1	27.0	29.9	16.1	73.0	3.3
Montgomery Blair	13	15.4	≤5.0	23.1	7.7	53.8	84.6	3.8
James Hubert Blake	54	46.3	18.5	22.2	11.1	≤5.0	35.2	2.0
Winston Churchill	210	11.9	14.3	28.6	21.9	23.3	73.8	3.3
Clarksburg	145	20.7	31.0	22.1	16.6	9.7	48.3	2.6
Damascus	40	20.0	37.5	25.0	12.5	≤5.0	42.5	2.5
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	15	≤5.0	26.7	26.7	33.3	13.3	73.3	3.3
Walter Johnson	244	≤5.0	19.3	25.0	27.5	23.4	75.8	3.5
John F. Kennedy	55	40.0	23.6	21.8	9.1	5.5	36.4	2.2
Col. Zadok Magruder	10	10.0	40.0	20.0	30.0	≤5.0	50.0	2.7
Richard Montgomery	170	≤5.0	10.0	25.3	24.1	38.2	87.6	3.9
Northwest	162	40.1	32.7	18.5	8.0	≤5.0	27.2	2.0
Northwood	64	17.2	20.3	29.7	25.0	7.8	62.5	2.9
Paint Branch	26	53.8	11.5	23.1	7.7	≤5.0	34.6	2.0
Poolesville	110	15.5	21.8	24.5	23.6	14.5	62.7	3.0
Quince Orchard	151	38.4	27.8	23.2	9.3	≤5.0	33.8	2.1
Rockville	49	38.8	26.5	22.4	10.2	≤5.0	34.7	2.1
Seneca Valley	80	33.8	32.5	23.8	7.5	≤5.0	33.8	2.1
Sherwood	56	≤5.0	14.3	25.0	39.3	19.6	83.9	3.6
Springbrook	107	44.9	29.0	19.6	≤5.0	≤5.0	26.2	1.9
Watkins Mill	34	23.5	50.0	17.6	8.8	≤5.0	26.5	2.1
Wheaton	85	20.0	24.7	30.6	15.3	9.4	55.3	2.7
Walt Whitman	122	≤5.0	10.7	18.0	38.5	29.5	86.1	3.8
Thomas S. Wootton	145	≤5.0	16.6	29.7	26.9	22.1	78.6	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 C17. 2022 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	2,979	5.2	15.4	24.0	29.9	25.4	79.4	3.5
Bethesda-Chevy Chase	124	≤5.0	15.3	25.0	29.0	29.0	83.1	3.7
Montgomery Blair	246	≤5.0	8.1	17.1	35.4	35.8	88.2	3.9
James Hubert Blake	92	6.5	31.5	33.7	19.6	8.7	62.0	2.9
Winston Churchill	232	≤5.0	6.9	19.0	34.1	39.7	92.7	4.1
Clarksburg	124	7.3	22.6	31.5	27.4	11.3	70.2	3.1
Damascus	113	5.3	19.5	31.0	26.5	17.7	75.2	3.3
Albert Einstein	98	7.1	26.5	29.6	26.5	10.2	66.3	3.1
Gaithersburg	37	5.4	13.5	16.2	32.4	32.4	81.1	3.7
Walter Johnson	290	≤5.0	7.9	16.6	34.8	39.7	91.0	4.0
John F. Kennedy	52	25.0	40.4	21.2	11.5	≤5.0	34.6	2.3
Col. Zadok Magruder	107	≤5.0	11.2	25.2	40.2	19.6	85.0	3.6
Richard Montgomery	130	≤5.0	19.2	26.9	31.5	18.5	76.9	3.4
Northwest	275	12.7	26.9	33.5	20.4	6.5	60.4	2.8
Northwood	36	≤5.0	33.3	25.0	22.2	16.7	63.9	3.2
Paint Branch	83	≤5.0	25.3	20.5	36.1	13.3	69.9	3.3
Poolesville	202	≤5.0	8.9	22.8	31.2	33.7	87.6	3.8
Quince Orchard	149	≤5.0	12.8	30.2	28.2	24.8	83.2	3.6
Rockville	38	10.5	13.2	18.4	36.8	21.1	76.3	3.4
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	110	≤5.0	13.6	29.1	29.1	24.5	82.7	3.6
Springbrook	53	11.3	26.4	28.3	22.6	11.3	62.3	3.0
Watkins Mill	15	40.0	20.0	26.7	6.7	6.7	40.0	2.2
Wheaton	104	8.7	18.3	26.0	22.1	25.0	73.1	3.4
Walt Whitman	129	≤5.0	≤5.0	14.0	37.2	44.2	≥95.0	4.2
Thomas S. Wootton	140	≤5.0	7.1	18.6	35.0	36.4	90.0	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 C18. 2022 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	576	11.3	8.7	19.6	26.2	34.2	80.0	3.6
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--
Montgomery Blair	59	6.8	6.8	6.8	23.7	55.9	86.4	4.2
James Hubert Blake	13	≤5.0	≤5.0	38.5	53.8	7.7	≥95.0	3.7
Winston Churchill	86	7.0	9.3	19.8	22.1	41.9	83.7	3.8
Clarksburg	--	--	--	--	--	--	--	--
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	--	--	--	--	--	--	--	--
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	80	≤5.0	≤5.0	11.3	22.5	62.5	≥95.0	4.4
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	19	15.8	26.3	21.1	10.5	26.3	57.9	3.1
Richard Montgomery	30	≤5.0	6.7	13.3	40.0	36.7	90.0	4.0
Northwest	35	22.9	8.6	40.0	17.1	11.4	68.6	2.9
Northwood	--	--	--	--	--	--	--	--
Paint Branch	45	26.7	17.8	33.3	15.6	6.7	55.6	2.6
Poolesville	22	≤5.0	≤5.0	13.6	45.5	36.4	≥95.0	4.1
Quince Orchard	52	9.6	9.6	15.4	38.5	26.9	80.8	3.6
Rockville	25	24.0	16.0	28.0	20.0	12.0	60.0	2.8
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	15	6.7	≤5.0	6.7	40.0	46.7	93.3	4.2
Springbrook	--	--	--	--	--	--	--	--
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	18	33.3	11.1	11.1	27.8	16.7	55.6	2.8
Walt Whitman	26	7.7	11.5	15.4	26.9	38.5	80.8	3.8
Thomas S. Wootton	41	≤5.0	12.2	34.1	31.7	19.5	85.4	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. 2022 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	2,391	21.0	11.0	18.3	25.8	24.0	68.1	3.2
Bethesda-Chevy Chase	129	33.3	14.0	16.3	25.6	10.9	52.7	2.7
Montgomery Blair	106	14.2	≤5.0	17.0	27.4	39.6	84.0	3.8
James Hubert Blake	79	30.4	17.7	16.5	19.0	16.5	51.9	2.7
Winston Churchill	238	10.1	11.3	18.9	27.7	31.9	78.6	3.6
Clarksburg HS	82	19.5	22.0	18.3	24.4	15.9	58.5	3.0
Damascus	32	37.5	28.1	18.8	≤5.0	12.5	34.4	2.3
Albert Einstein	24	20.8	20.8	20.8	16.7	20.8	58.3	3.0
Gaithersburg	34	20.6	5.9	29.4	29.4	14.7	73.5	3.1
Walter Johnson	256	5.5	≤5.0	15.6	39.1	35.2	89.8	3.9
John F. Kennedy	51	52.9	13.7	9.8	15.7	7.8	33.3	2.1
Col. Zadok Magruder	44	36.4	6.8	22.7	18.2	15.9	56.8	2.7
Richard Montgomery	144	6.9	6.9	19.4	22.2	44.4	86.1	3.9
Northwest	106	32.1	16.0	14.2	22.6	15.1	51.9	2.7
Northwood	81	27.2	11.1	16.0	21.0	24.7	61.7	3.0
Paint Branch	75	46.7	8.0	22.7	14.7	8.0	45.3	2.3
Poolesville	108	21.3	10.2	15.7	18.5	34.3	68.5	3.3
Quince Orchard	94	23.4	16.0	22.3	25.5	12.8	60.6	2.9
Rockville	55	18.2	18.2	16.4	36.4	10.9	63.6	3.0
Seneca Valley	17	41.2	23.5	17.6	17.6	≤5.0	35.3	2.1
Sherwood	110	24.5	16.4	24.5	24.5	10.0	59.1	2.8
Springbrook	72	66.7	11.1	8.3	8.3	5.6	22.2	1.8
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	67	28.4	10.4	25.4	20.9	14.9	61.2	2.8
Walt Whitman	171	6.4	≤5.0	13.5	31.6	45.0	90.1	4.1
Thomas S. Wootton	216	13.9	11.1	24.5	32.4	18.1	75.0	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. 2022 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	779	16.0	8.0	15.9	21.1	39.0	76.0	3.6
Bethesda-Chevy Chase	26	11.5	19.2	19.2	23.1	26.9	69.2	3.3
Montgomery Blair	136	≤5.0	≤5.0	16.9	18.4	59.6	94.9	4.3
James Hubert Blake	--	--	--	--	--	--	--	--
Winston Churchill	88	≤5.0	5.7	17.0	22.7	50.0	89.8	4.1
Clarksburg	28	≤5.0	10.7	14.3	≤5.0	67.9	85.7	4.2
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	10	10.0	≤5.0	10.0	70.0	10.0	90.0	3.7
Gaithersburg	--	--	--	--	--	--	--	--
Walter Johnson	35	8.6	11.4	14.3	37.1	28.6	80.0	3.7
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	55	9.1	5.5	18.2	30.9	36.4	85.5	3.8
Northwest	37	27.0	5.4	24.3	27.0	16.2	67.6	3.0
Northwood	10	80.0	≤5.0	10.0	10.0	≤5.0	20.0	1.5
Paint Branch	26	73.1	11.5	7.7	7.7	≤5.0	15.4	1.5
Poolesville	84	≤5.0	≤5.0	14.3	21.4	57.1	92.9	4.3
Quince Orchard	29	24.1	17.2	34.5	13.8	10.3	58.6	2.7
Rockville	14	42.9	21.4	28.6	7.1	≤5.0	35.7	2.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	11	54.5	9.1	18.2	18.2	≤5.0	36.4	2.0
Springbrook	29	48.3	27.6	10.3	13.8	≤5.0	24.1	1.9
Watkins Mill	--	--	--	--	--	--	--	--
Wheaton	43	51.2	20.9	14.0	11.6	≤5.0	27.9	1.9
Walt Whitman	30	≤5.0	≤5.0	16.7	30.0	53.3	≥95.0	4.4
Thomas S. Wootton	64	≤5.0	≤5.0	≤5.0	25.0	70.3	≥95.0	4.6

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 C21. 2022 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	1,685	9.9	16.7	32.3	26.2	14.8	73.4	3.2
Bethesda-Chevy Chase	98	16.3	24.5	33.7	13.3	12.2	59.2	2.8
Montgomery Blair	50	8.0	32.0	24.0	20.0	16.0	60.0	3.0
James Hubert Blake	13	7.7	30.8	38.5	23.1	≤5.0	61.5	2.8
Winston Churchill	231	≤5.0	10.8	28.6	39.4	19.0	87.0	3.6
Clarksburg	70	5.7	7.1	30.0	44.3	12.9	87.1	3.5
Damascus	31	12.9	35.5	19.4	22.6	9.7	51.6	2.8
Albert Einstein	23	≤5.0	8.7	39.1	39.1	13.0	91.3	3.6
Gaithersburg	15	20.0	26.7	26.7	13.3	13.3	53.3	2.7
Walter Johnson	88	≤5.0	13.6	37.5	34.1	12.5	84.1	3.4
John F. Kennedy	--	--	--	--	--	--	--	--
Col. Zadok Magruder	--	--	--	--	--	--	--	--
Richard Montgomery	174	≤5.0	14.4	29.3	27.0	24.7	81.0	3.5
Northwest	44	11.4	6.8	54.5	20.5	6.8	81.8	3.0
Northwood	36	13.9	44.4	30.6	8.3	≤5.0	41.7	2.4
Paint Branch	28	17.9	28.6	39.3	14.3	≤5.0	53.6	2.5
Poolesville	72	≤5.0	8.3	31.9	30.6	26.4	88.9	3.7
Quince Orchard	80	11.3	11.3	38.8	22.5	16.3	77.5	3.2
Rockville	50	14.0	28.0	30.0	16.0	12.0	58.0	2.8
Seneca Valley	39	20.5	25.6	30.8	17.9	5.1	53.8	2.6
Sherwood	36	16.7	16.7	44.4	16.7	5.6	66.7	2.8
Springbrook	88	36.4	25.0	26.1	6.8	5.7	38.6	2.2
Watkins Mill	21	28.6	33.3	28.6	≤5.0	≤5.0	38.1	2.2
Wheaton	97	18.6	23.7	22.7	27.8	7.2	57.7	2.8
Walt Whitman	85	≤5.0	≤5.0	23.5	37.6	32.9	94.1	4.0
Thomas S. Wootton	203	≤5.0	12.3	42.9	27.1	13.3	83.3	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 C22. 2022 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	948	≤5.0	6.3	25.3	33.6	34.0	92.9	3.9
Bethesda-Chevy Chase	46	≤5.0	≤5.0	15.2	39.1	45.7	≥95.0	4.3
Montgomery Blair	90	≤5.0	≤5.0	12.2	33.3	54.4	≥95.0	4.4
James Hubert Blake	22	≤5.0	13.6	36.4	22.7	27.3	86.4	3.6
Winston Churchill	60	≤5.0	6.7	25.0	30.0	38.3	93.3	4.0
Clarksburg	11	≤5.0	≤5.0	27.3	45.5	27.3	≥95.0	4.0
Damascus	--	--	--	--	--	--	--	--
Albert Einstein	57	≤5.0	5.3	19.3	43.9	31.6	94.7	4.0
Gaithersburg	39	5.1	7.7	38.5	25.6	23.1	87.2	3.5
Walter Johnson	53	≤5.0	≤5.0	18.9	32.1	49.1	≥95.0	4.3
John F. Kennedy	48	6.3	20.8	43.8	22.9	6.3	72.9	3.0
Col. Zadok Magruder	27	≤5.0	≤5.0	22.2	40.7	33.3	≥95.0	4.0
Richard Montgomery	78	≤5.0	≤5.0	29.5	37.2	32.1	≥95.0	4.0
Northwest	74	≤5.0	21.6	32.4	23.0	21.6	77.0	3.4
Northwood	29	≤5.0	10.3	27.6	41.4	20.7	89.7	3.7
Paint Branch	19	5.3	5.3	42.1	26.3	21.1	89.5	3.5
Poolesville	22	≤5.0	13.6	22.7	31.8	31.8	86.4	3.8
Quince Orchard	17	≤5.0	5.9	11.8	64.7	17.6	94.1	3.9
Rockville	23	≤5.0	≤5.0	30.4	26.1	39.1	≥95.0	4.0
Seneca Valley	--	--	--	--	--	--	--	--
Sherwood	25	≤5.0	12.0	32.0	40.0	16.0	88.0	3.6
Springbrook	41	≤5.0	7.3	29.3	36.6	26.8	92.7	3.8
Watkins Mill	23	≤5.0	8.7	47.8	8.7	34.8	91.3	3.7
Wheaton	40	≤5.0	≤5.0	7.5	35.0	55.0	≥95.0	4.4
Walt Whitman	54	≤5.0	≤5.0	13.0	35.2	50.0	≥95.0	4.3
Thomas S. Wootton	45	≤5.0	≤5.0	24.4	46.7	28.9	≥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. 2022 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	449	≤5.0	≤5.0	10.0	21.4	38.3	26.3	≤5.0
English A: Literature	175	≤5.0	≤5.0	12.6	25.7	31.4	22.9	5.1
Mathematics								
Mathematics: Analysis and Approaches	250	≤5.0	6.0	14.8	19.6	26.8	23.2	9.6
Mathematics: Applications and Interpretation	188	≤5.0	10.6	26.6	29.3	22.3	7.4	≤5.0
Science								
Biology	186	≤5.0	9.1	24.2	36.0	14.5	9.1	5.4
Environmental Systems and Societies	129	≤5.0	≤5.0	7.8	20.9	24.0	25.6	17.1
Physics	120	≤5.0	5.8	15.0	22.5	25.0	20.8	10.0
Social Studies								
History	412	≤5.0	≤5.0	8.7	25.7	36.7	21.4	6.1
Psychology	120	≤5.0	≤5.0	10.0	28.3	25.8	32.5	≤5.0
Foreign Language								
Spanish B	270	≤5.0	≤5.0	≤5.0	12.6	26.7	33.0	25.6

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. 2022 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	449	401	89.3	69	65	94.2	104	84	80.8	100	78	78.0	--	--	≥95.0	--	--	93.3
English A: Literature	175	149	85.1	39	36	92.3	38	27	71.1	21	15	71.4	66	62	93.9	--	--	90.0
Mathematics																		
Mathematics: Analysis and Approaches	250	198	79.2	73	67	91.8	37	19	51.4	23	14	60.9	99	82	82.8	--	--	88.9
Mathematics: Applications and Interpretation	188	114	60.6	--	--	50.0	39	18	46.2	44	18	40.9	81	62	76.5	--	--	--
Science																		
Biology	186	121	65.1	36	28	77.8	44	18	40.9	34	15	44.1	68	56	82.4	--	--	--
Environmental Systems and Societies	129	113	87.6	23	21	91.3	--	--	69.2	26	20	76.9	60	56	93.3	--	--	--
Physics	120	94	78.3	35	29	82.9	--	--	52.6	--	--	53.8	42	37	88.1	--	--	≥95.0
Social Studies																		
History	412	370	89.8	--	--	≥95.0	81	60	74.1	48	39	81.3	166	157	94.6	--	--	≥95.0
Psychology	120	108	90.0	--	--	90.9	31	25	80.6	30	26	86.7	--	--	≥95.0	--	--	--
Foreign Language																		
Spanish B	--	--	≥95.0	--	--	≥95.0	35	32	91.4	--	--	≥95.0	--	--	≥95.0	--	--	92.9

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 2022. 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. 2022 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	449	≤5.0	≤5.0	10.0	21.4	38.3	26.3	≤5.0	89.3	4.9
Bethesda-Chevy Chase	128	≤5.0	≤5.0	≤5.0	10.9	33.6	49.2	5.5	≥95.0	5.5
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	47	≤5.0	6.4	34.0	38.3	21.3	≤5.0	≤5.0	59.6	3.7
Richard Montgomery	77	≤5.0	≤5.0	≤5.0	6.5	45.5	36.4	9.1	≥95.0	5.4
Rockville	40	≤5.0	≤5.0	≤5.0	12.5	50.0	37.5	≤5.0	≥95.0	5.3
Seneca Valley	32	≤5.0	≤5.0	≤5.0	50.0	40.6	6.3	≤5.0	≥95.0	4.5
Springbrook	42	≤5.0	≤5.0	≤5.0	23.8	52.4	16.7	≤5.0	≥95.0	4.9
Watkins Mill	83	≤5.0	≤5.0	27.7	33.7	34.9	≤5.0	≤5.0	72.3	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D4. 2022 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	175	≤5.0	≤5.0	12.6	25.7	31.4	22.9	5.1	85.1	4.8
Bethesda-Chevy Chase	--	--	--	--	--	--	--	--	--	--
Albert Einstein	48	≤5.0	≤5.0	10.4	31.3	43.8	12.5	≤5.0	89.6	4.6
John F. Kennedy	20	≤5.0	20.0	45.0	25.0	≤5.0	≤5.0	≤5.0	35.0	3.3
Richard Montgomery	63	≤5.0	≤5.0	≤5.0	≤5.0	34.9	49.2	12.7	≥95.0	5.7
Rockville	--	--	--	--	--	--	--	--	--	--
Seneca Valley	44	≤5.0	≤5.0	18.2	52.3	25.0	≤5.0	≤5.0	81.8	4.2
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. 2022 MCPS International Baccalaureate **Mathematics: Analysis and Approaches**:
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	250	≤5.0	6.0	14.8	19.6	26.8	23.2	9.6	79.2	4.8
Bethesda-Chevy Chase	42	≤5.0	≤5.0	≤5.0	28.6	26.2	35.7	≤5.0	92.9	5.0
Albert Einstein	22	≤5.0	27.3	9.1	22.7	27.3	9.1	≤5.0	63.6	4.0
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	114	≤5.0	≤5.0	≤5.0	13.2	34.2	33.3	19.3	≥95.0	5.6
Rockville	22	≤5.0	13.6	59.1	9.1	13.6	≤5.0	≤5.0	27.3	3.4
Seneca Valley	22	≤5.0	≤5.0	54.5	31.8	13.6	≤5.0	≤5.0	45.5	3.6
Springbrook	11	≤5.0	≤5.0	54.5	18.2	27.3	≤5.0	≤5.0	45.5	3.7
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 D6. 2022 MCPS International Baccalaureate **Mathematics: Applications and Interpretation**:
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	188	≤5.0	10.6	26.6	29.3	22.3	7.4	≤5.0	60.6	3.9
Bethesda-Chevy Chase	81	≤5.0	≤5.0	25.9	40.7	21.0	9.9	≤5.0	72.8	4.2
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	35	8.6	40.0	45.7	5.7	≤5.0	≤5.0	≤5.0	5.7	2.5
Richard Montgomery	26	≤5.0	≤5.0	7.7	19.2	50.0	15.4	7.7	92.3	5.0
Rockville	11	≤5.0	≤5.0	9.1	45.5	36.4	9.1	≤5.0	90.9	4.5
Seneca Valley	16	≤5.0	18.8	25.0	31.3	25.0	≤5.0	≤5.0	56.3	3.6
Springbrook	--	--	--	--	--	--	--	--	--	--
Watkins Mill	14	7.1	14.3	21.4	28.6	21.4	7.1	≤5.0	57.1	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D7. 2022 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	186	≤5.0	9.1	24.2	36.0	14.5	9.1	5.4	65.1	4.0
Bethesda-Chevy Chase	34	≤5.0	≤5.0	26.5	32.4	26.5	8.8	≤5.0	70.6	4.2
Albert Einstein	12	≤5.0	33.3	25.0	41.7	≤5.0	≤5.0	≤5.0	41.7	3.1
John F. Kennedy	19	≤5.0	15.8	36.8	31.6	15.8	≤5.0	≤5.0	47.4	3.5
Richard Montgomery	47	≤5.0	≤5.0	≤5.0	29.8	25.5	23.4	19.1	≥95.0	5.3
Rockville	13	≤5.0	≤5.0	7.7	69.2	7.7	15.4	≤5.0	92.3	4.3
Seneca Valley	--	--	--	--	--	--	--	--	--	--
Springbrook	21	≤5.0	≤5.0	38.1	42.9	≤5.0	≤5.0	≤5.0	52.4	3.5
Watkins Mill	31	6.5	25.8	48.4	19.4	≤5.0	≤5.0	≤5.0	19.4	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 D8. 2022 MCPS International Baccalaureate **Environmental Systems and Societies**:
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	129	≤5.0	≤5.0	7.8	20.9	24.0	25.6	17.1	87.6	5.1
Bethesda-Chevy Chase	44	≤5.0	≤5.0	6.8	20.5	29.5	27.3	15.9	93.2	5.3
Albert Einstein	10	≤5.0	10.0	≤5.0	40.0	40.0	10.0	≤5.0	90.0	4.4
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	31	≤5.0	≤5.0	≤5.0	≤5.0	16.1	38.7	45.2	≥95.0	6.3
Rockville	13	≤5.0	≤5.0	≤5.0	30.8	30.8	30.8	7.7	≥95.0	5.2
Seneca Valley	12	≤5.0	≤5.0	16.7	66.7	8.3	8.3	≤5.0	83.3	4.1
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 D9. 2022 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	120	≤5.0	5.8	15.0	22.5	25.0	20.8	10.0	78.3	4.7
Bethesda-Chevy Chase	16	≤5.0	6.3	6.3	6.3	43.8	31.3	6.3	87.5	5.1
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	58	≤5.0	≤5.0	≤5.0	20.7	31.0	29.3	17.2	≥95.0	5.4
Rockville	14	≤5.0	≤5.0	14.3	42.9	21.4	14.3	7.1	85.7	4.6
Seneca Valley	21	≤5.0	19.0	61.9	19.0	≤5.0	≤5.0	≤5.0	19.0	3.0
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 D10. 2022 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	412	≤5.0	≤5.0	8.7	25.7	36.7	21.4	6.1	89.8	4.9
Bethesda-Chevy Chase	90	≤5.0	≤5.0	5.6	34.4	52.2	7.8	≤5.0	94.4	4.6
Albert Einstein	44	≤5.0	≤5.0	18.2	38.6	25.0	15.9	≤5.0	81.8	4.5
John F. Kennedy	24	≤5.0	12.5	37.5	29.2	16.7	≤5.0	≤5.0	50.0	3.6
Richard Montgomery	159	≤5.0	≤5.0	≤5.0	9.4	35.2	40.9	14.5	≥95.0	5.6
Rockville	19	≤5.0	≤5.0	≤5.0	15.8	57.9	21.1	5.3	≥95.0	5.2
Seneca Valley	20	≤5.0	≤5.0	≤5.0	35.0	50.0	10.0	≤5.0	≥95.0	4.7
Springbrook	24	≤5.0	≤5.0	8.3	33.3	45.8	8.3	≤5.0	87.5	4.5
Watkins Mill	32	≤5.0	6.3	34.4	56.3	≤5.0	≤5.0	≤5.0	59.4	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

Table D11. 2022 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	120	≤5.0	≤5.0	10.0	28.3	25.8	32.5	≤5.0	90.0	4.9
Bethesda-Chevy Chase	46	≤5.0	≤5.0	≤5.0	17.4	26.1	45.7	8.7	≥95.0	5.4
Albert Einstein	--	--	--	--	--	--	--	--	--	--
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	--	--	--	--	--	--	--	--	--	--
Rockville	26	≤5.0	≤5.0	≤5.0	11.5	38.5	50.0	≤5.0	≥95.0	5.4
Seneca Valley	--	--	--	--	--	--	--	--	--	--
Springbrook	10	≤5.0	≤5.0	30.0	30.0	40.0	≤5.0	≤5.0	70.0	4.1
Watkins Mill	30	≤5.0	≤5.0	16.7	56.7	13.3	13.3	≤5.0	83.3	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 D12. 2022 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	270	≤5.0	≤5.0	≤5.0	12.6	26.7	33.0	25.6	≥95.0	5.7
Bethesda-Chevy Chase	60	≤5.0	≤5.0	≤5.0	6.7	33.3	36.7	23.3	≥95.0	5.8
Albert Einstein	27	≤5.0	≤5.0	7.4	25.9	33.3	18.5	11.1	88.9	4.9
John F. Kennedy	--	--	--	--	--	--	--	--	--	--
Richard Montgomery	93	≤5.0	≤5.0	≤5.0	5.4	24.7	36.6	33.3	≥95.0	6.0
Rockville	18	≤5.0	≤5.0	5.6	22.2	16.7	22.2	33.3	94.4	5.6
Seneca Valley	10	≤5.0	≤5.0	≤5.0	≤5.0	20.0	50.0	30.0	≥95.0	6.1
Springbrook	23	≤5.0	≤5.0	≤5.0	30.4	21.7	26.1	21.7	≥95.0	5.4
Watkins Mill	31	≤5.0	≤5.0	6.5	16.1	22.6	35.5	19.4	93.5	5.5

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.