MEMORANDUM

February 15, 2024 Information - ANNUAL



Office of Strategic Initiatives
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

TO: High School Principals

FROM: Stephanie S. Sheron, Chief

Dr. Kecia L. Addison, Director, Department of Shared Accountability

SUBJECT: 2023 Advanced Placement and International Baccalaureate Course Enrollment and Exam

Participation and Performance among 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 2022–2023 school year.

- During the 2022–2023 school year, 129 AP or IB courses were offered across high schools. Among the 25 comprehensive high schools, all offered AP courses, while 8 provided IB programs. Notably, 13 of the 25 high schools offered 30 or more AP/IB courses. The schools with the highest number of AP/IB course offerings included Bethesda-Chevy Chase (65 courses), Albert Einstein (55 courses), John F. Kennedy (55 courses), and Richard Montgomery (71 courses) high schools.
- Districtwide, in 2023, 48.4% of high school students enrolled in at least one AP or IB course, a slight increase from 47.6% in 2022.
- In 2023, Montgomery County Public Schools (MCPS) high school students took 35,526 AP exams, an increase of 3,776 from 2021 and 2,235 from 2022. The percentage of AP exams taken by students achieving a score of 3 or higher was 73.5% in 2023, a 5.0 percentage-point increase from 2021 and a 1.0 percentage-point increase from 2022.
- In 2023, 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.
- Over the last three years, IB participation has shown some fluctuations, starting at 3,084 in 2021, dipping to 2,992 in 2022, and rebounding to 3,027 in 2023. In 2023, the percentage of IB exams with a score of 4 or higher was 68.8%, marking a notable decline from 87.0% in 2021 and a decrease from 82.5% in 2022.
- In 2023, 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

Questions

If you have any questions, please contact Mrs. Stephanie S. Sheron, chief of strategic initiatives, via <u>email</u>, or Dr. Kecia L. Addison, director of shared accountability, Office of Strategic Initiatives, via <u>email</u>.

Approved by:	Betty J. Collins	1/29/2024
	Dr. Betty J. Collins, Acting Deputy Superintendent	Date

Appendix A

Table A1. Number of Ad								, ,	
	Number of	of AP Course	es Offered	Number	of IB Course	s Offered	Number of .	AP/IB Cours	es Offered
High School	2021	2022	2023	2023	2023	2023	2021	2022	2023
All Students	53	53	56	74	76	73	127	129	129
Bethesda-Chevy Chase	25	27	26	38	38	39	63	65	65
Montgomery Blair	32	29	34	n/a	n/a	n/a	32	29	34
James Hubert Blake	30	28	25	n/a	n/a	n/a	30	28	25
Winston Churchill	33	32	36	n/a	n/a	n/a	33	32	36
Clarksburg	27	27	29	n/a	n/a	n/a	27	27	29
Damascus	21	23	22	n/a	n/a	n/a	21	23	22
Albert Einstein	23	20	18	31	35	37	54	55	55
Gaithersburg	25	24	26	n/a	n/a	n/a	25	24	26
Walter Johnson	38	38	44	n/a	n/a	n/a	38	38	44
John F. Kennedy	10	14	15	46	47	40	56	61	55
Col. Zadok Magruder	22	23	23	n/a	n/a	n/a	22	23	23
Richard Montgomery	27	27	27	47	45	44	74	72	71
Northwest	29	28	29	n/a	n/a	n/a	29	28	29
Northwood	22	22	20	n/a	n/a	n/a	22	22	20
Paint Branch	21	22	19	n/a	n/a	n/a	21	22	19
Poolesville	29	30	29	n/a	n/a	n/a	29	30	29
Quince Orchard	31	31	27	n/a	n/a	n/a	31	31	27
Rockville	20	22	21	27	27	28	47	49	49
Seneca Valley	10	10	11	39	38	42	49	48	53
Sherwood	28	27	24	n/a	n/a	n/a	28	27	24
Springbrook	21	21	23	31	28	28	52	49	51
Watkins Mill	10	12	13	31	30	30	41	42	43
Wheaton	21	20	23	n/a	n/a	n/a	21	20	23
Walt Whitman	35	35	33	n/a	n/a	n/a	35	35	33
Thomas S. Wootton	34	37	36	n/a	n/a	n/a	34	37	36
<i>Note</i> . AP = Advanced Placement; IE	B = Internationa	Baccalaurea	ate.						

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 2022 and 2023 by High School and Race/Ethnicity (All students, Asian, Black or African American)

		Higher i	.n 2022 ฮ	and 2023	by Higl	n School	and Rac	e/Ethnic	ity (All	students,	Asian, l	Black or	African	America	ın)			
			<u>All St</u>	<u>udents</u>					<u>As</u>	<u>ian</u>				<u>Blac</u>	k or Afri	can Amer	rican_	
	1	V	1	V	9	%	1	V	1	V	9	6		V	1	V	9/	6
High School	AP E	xams	Exam	s 3 or	Exam	is 3 or	AP E	xams	Exam	is 3 or	Exam	is 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or
	Tal	ken	Hig	her	Hig	gher	Tal	ken	Hig	her	Hig	her	Tal	ken	Hig	her	Hig	her
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
All Students	33,291	35,526	24,097	26,107	72.4	73.5	10,048	10,660	8,021	8,649	79.8	81.1	3,891	4,411	1,851	2,165	47.6	49.1
Bethesda-Chevy Chase	1,750	1,965	1,314	1,507	75.1	76.7	97	141	75	121	77.3	85.8	148	169	85	92	57.4	54.4
Montgomery Blair	2,234	2,482	1,856	2,021	83.1	81.4	760	796	704	744	92.6	93.5	279	348	151	172	54.1	49.4
James Hubert Blake	725	809	408	420	56.3	51.9	139	139	76	73	54.7	52.5	237	258	103	113	43.5	43.8
Winston Churchill	3,029	3,093	2,514	2,577	83.0	83.3	1,341	1,364	1,154	1,195	86.1	87.6	141	144	95	99	67.4	68.8
Clarksburg	1,353	1,259	853	877	63.0	69.7	671	636	443	466	66.0	73.3	206	175	110	99	53.4	56.6
Damascus	689	714	453	462	65.7	64.7	168	186	128	123	76.2	66.1	42	42	23	25	54.8	59.5
Albert Einstein	696	746	448	478	64.4	64.1	53	61	36	31	67.9	50.8	70	96	36	46	51.4	47.9
Gaithersburg	395	572	231	293	58.5	51.2	66	87	36	49	54.5	56.3	67	138	39	54	58.2	39.1
Walter Johnson	2,818	3,305	2,380	2,896	84.5	87.6	528	575	464	504	87.9	87.7	190	246	122	174	64.2	70.7
John F. Kennedy	444	427	154	113	34.7	26.5	52	62	24	26	46.2	41.9	123	109	27	12	22.0	11.0
Col. Zadok Magruder	680	834	454	512	66.8	61.4	148	220	110	138	74.3	62.7	71	100	39	52	54.9	52.0
Richard Montgomery	2,087	2,106	1,686	1,758	80.8	83.5	880	915	764	821	86.8	89.7	162	148	106	89	65.4	60.1
Northwest	2,071	2,072	1,272	1,257	61.4	60.7	811	775	584	555	72.0	71.6	293	320	116	122	39.6	38.1
Northwood	618	562	323	321	52.3	57.1	48	59	30	34	62.5	57.6	149	124	57	52	38.3	41.9
Paint Branch	717	912	350	475	48.8	52.1	188	210	106	125	56.4	59.5	359	497	148	238	41.2	47.9
Poolesville	1,929	2,056	1,601	1,763	83.0	85.7	1,063	1,144	926	1,027	87.1	89.8	79	110	59	74	74.7	67.3
Quince Orchard	1,648	1,427	1,094	966	66.4	67.7	303	256	218	190	71.9	74.2	111	97	52	59	46.8	60.8
Rockville	585	624	331	374	56.6	59.9	105	111	58	68	55.2	61.3	68	83	28	44	41.2	53.0
Seneca Valley	337	414	135	173	40.1	41.8	91	134	44	73	48.4	54.5	87	101	25	35	28.7	34.7
Sherwood	1,224	1,172	871	814	71.2	69.5	267	240	190	178	71.2	74.2	110	94	64	52	58.2	55.3
Springbrook	826	892	302	320	36.6	35.9	166	187	83	79	50.0	42.2	397	429	109	134	27.5	31.2
Watkins Mill	206	161	66	61	32.0	37.9	42	43	12	16	28.6	37.2	48	28	12	6	25.0	21.4
Wheaton	1,156	1,368	697	884	60.3	64.6	234	311	146	223	62.4	71.7	289	346	140	181	48.4	52.3
Walt Whitman	2,427	2,823	2,066	2,459	85.1	87.1	447	529	392	472	87.7	89.2	43	64	31	43	72.1	67.2
Thomas S. Wootton	2,643	2,723	2,238	2,326	84.7	85.4	1,380	1,479	1,218	1,318	88.3	89.1	119	145	74	98	62.2	67.6
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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 July 2023. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 95.0% will be noted as 95.0% or 95.0% or less than or equal to 95.0%

February 2024

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 2022 and 2023 by High School and Race/Ethnicity (Hispanic/Latino, Two or More Races, White)

		<u> </u>		c/Latino		511 501100				ore Race					Wh	nite_		
	Λ	V	1	V	9	6	1	V	1	V	9	6	1	V	1	V	9/	6
High School	AP E	xams	Exam	s 3 or	Exam	is 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or	AP E	xams	Exam	s 3 or	Exam	s 3 or
	Tal	ken	Hig	her	Hig	gher	Tal	ken	Hig	her	Hig	her	Tal	ken	Hig	her	Hig	her
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
All Students	4,029	4,628	2,273	2,716	56.4	58.7	1,779	2,027	1,365	1,609	76.7	79.4	13,492	13,728	10,554	10,920	78.2	79.5
Bethesda-Chevy Chase	174	214	119	147	68.4	68.7	108	151	88	121	81.5	80.1	1,218	1,287	944	1,024	77.5	79.6
Montgomery Blair	173	253	124	170	71.7	67.2	133	158	119	144	89.5	91.1	885	920	754	785	85.2	85.3
James Hubert Blake	99	153	53	68	53.5	44.4	31	31	19	11	61.3	35.5	217	225	157	153	72.4	68.0
Winston Churchill	167	182	131	138	78.4	75.8	130	158	111	134	85.4	84.8	1,245	1,244	1,022	1,010	82.1	81.2
Clarksburg	128	127	65	77	50.8	60.6	74	93	51	71	68.9	76.3	271	223	182	163	67.2	73.1
Damascus	87	102	46	65	52.9	63.7	29	28	17	18	58.6	64.3	363	356	239	231	65.8	64.9
Albert Einstein	154	168	77	100	50.0	59.5	57	58	39	38	68.4	65.5	359	358	259	258	72.1	72.1
Gaithersburg	160	212	95	110	59.4	51.9					36.4	66.7	90	115	56	66	62.2	57.4
Walter Johnson	264	298	197	248	74.6	83.2	219	253	187	226	85.4	89.3	1,614	1,927	1,407	1,741	87.2	90.3
John F. Kennedy	204	191	58	48	28.4	25.1					60.0	10.0	55	55	39	26	70.9	47.3
Col. Zadok Magruder	165	186	104	93	63.0	50.0	29	41	18	30	62.1	73.2	264	280	181	194	68.6	69.3
Richard Montgomery	211	208	134	147	63.5	70.7	125	135	103	117	82.4	86.7	702	697	573	581	81.6	83.4
Northwest	260	258	118	118	45.4	45.7	99	110	64	68	64.6	61.8	608	608	390	393	64.1	64.6
Northwood	225	237	111	135	49.3	57.0	35	23	22	14	62.9	60.9	161	116	103	86	64.0	74.1
Paint Branch	113	141	61	69	54.0	48.9		36		25	44.4	69.4	39	28	27	18	69.2	64.3
Poolesville	114	153	86	125	75.4	81.7	100	104	85	83	85.0	79.8	573	542	445	452	77.7	83.4
Quince Orchard	194	178	93	90	47.9	50.6	103	75	70	52	68.0	69.3	933	820	658	574	70.5	70.0
Rockville	125	151	55	75	44.0	49.7	24	35	17	28	70.8	80.0	263	243	173	159	65.8	65.4
Seneca Valley	62	82	27	23	43.5	28.0	24	22	7	10	29.2	45.5	72	73	31	32	43.1	43.8
Sherwood	108	123	58	68	53.7	55.3	53	65	37	48	69.8	73.8	686	650	522	468	76.1	72.0
Springbrook	158	174	54	58	34.2	33.3	32	44	16	21	50.0	47.7	71	57	40	28	56.3	49.1
Watkins Mill	83	59	31	28	37.3	47.5							23	24	7	9	30.4	37.5
Wheaton	301	363	143	191	47.5	52.6	66	63	53	55	80.3	87.3	264	283	215	234	81.4	82.7
Walt Whitman	186	287	154	238	82.8	82.9	181	217	154	201	85.1	92.6	1,566	1,712	1,331	1,493	85.0	87.2
Thomas S. Wootton	113	124	79	87	69.9	70.2	80	92	68	79	85.0	85.9	950	881	799	742	84.1	84.2

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 July 2023. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 95.0% will be noted as 95.0% or 95.0% or 95.0% or less than or equal to 95.0% or 95.0% or 95.0% or 95.0% or less than or equal to 95.0% or less than or equa

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 2022 and 2023 by High School and Race/Ethnicity (All students, Asian, Black or African American)

	All Students N NS-2-2-1-2-2-7-10/-S-2-2-10/-S-2-10/-S-2-2-10/-S-2-2-10/-S-2-2-10/-S-2-2-10/-S-2-2-10/-S-				2022 u.	110 2023	l IIIgii	belloor			(1111 5	tuuciits,	I ISIGII, L				/	
		7	All St	udents	1			7	As	<u>ian</u>	1				k or Afric	can Amer	<u>ıcan</u>	
High School	_	κ AP	N Scor Hig	ed 3 or ther	% Scor Hig		Tool Ex	AP		red 3 or gher	% Scor Hig		Tool	V k AP am		red 3 or gher	% Scor Hig	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
All Students	17,389	18,275	12,658	13,267	72.8	72.6	4,431	4,694	3,600	3,795	81.2	80.8	2,453	2,624	1,190	1,330	48.5	50.7
Bethesda-Chevy Chase	969	1,071	750	843	77.4	78.7	49	69	40	60	81.6	87.0	91	103	51	58	56.0	56.3
Montgomery Blair	1,023	1,076	824	862	80.5	80.1	259	267	236	250	91.1	93.6	150	184	78	98	52.0	53.3
James Hubert Blake	421	474	247	242	58.7	51.1	70	76	44	42	62.9	55.3	149	158	67	71	45.0	44.9
Winston Churchill	1,303	1,406	1,110	1,182	85.2	84.1	528	559	466	496	88.3	88.7	71	76	47	50	66.2	65.8
Clarksburg	769	722	507	498	65.9	69.0	354	340	247	253	69.8	74.4	132	118	73	68	55.3	57.6
Damascus	378	397	249	268	65.9	67.5	79	89	57	66	72.2	74.2	27	29	17	16	63.0	55.2
Albert Einstein	486	528	338	360	69.5	68.2	36	45	25	25	69.4	55.6	51	69	29	38	56.9	55.1
Gaithersburg	247	348	156	189	63.2	54.3	36	53	20	30	55.6	56.6	42	84	24	34	57.1	40.5
Walter Johnson	1,381	1,513	1,218	1,342	88.2	88.7	228	240	207	213	90.8	88.8	102	130	72	89	70.6	68.5
John F. Kennedy	339	308	125	87	36.9	28.2	34	38	17	14	50.0	36.8	95	74	23	8	24.2	10.8
Col. Zadok Magruder	376	443	266	293	70.7	66.1	71	100	57	69	80.3	69.0	42	57	22	32	52.4	56.1
Richard Montgomery	989	1,010	827	865	83.6	85.6	366	385	338	352	92.3	91.4	88	77	57	54	64.8	70.1
Northwest	1,189	1,100	740	691	62.2	62.8	396	364	300	267	75.8	73.4	205	184	85	80	41.5	43.5
Northwood	389	361	232	221	59.6	61.2	31	35	21	23	67.7	65.7	98	83	44	35	44.9	42.2
Paint Branch	438	483	237	282	54.1	58.4	98	99	57	61	58.2	61.6	236	266	112	147	47.5	55.3
Poolesville	820	849	691	742	84.3	87.4	397	420	361	395	90.9	94.0	43	58	31	42	72.1	72.4
Quince Orchard	836	757	560	497	67.0	65.7	143	131	109	98	76.2	74.8	69	59	30	34	43.5	57.6
Rockville	360	430	230	270	63.9	62.8	63	75	40	45	63.5	60.0	42	66	21	35	50.0	53.0
Seneca Valley	296	344	117	150	39.5	43.6	74	103	38	59	51.4	57.3	80	86	23	31	28.8	36.0
Sherwood	644	650	496	456	77.0	70.2	123	112	97	86	78.9	76.8	64	63	41	35	64.1	55.6
Springbrook	549	575	212	222	38.6	38.6	94	102	51	50	54.3	49.0	265	267	75	91	28.3	34.1
Watkins Mill	185	144	59	55	31.9	38.2	36	34	9	13	25.0	38.2	41	26	11	5	26.8	19.2
Wheaton	666	771	429	495	64.4	64.2	130	156	89	112	68.5	71.8	172	194	97	106	56.4	54.6
Walt Whitman	1,146	1,289	1,006	1,141	87.8	88.5	180	220	165	196	91.7	89.1	22	33	15	21	68.2	63.6
Thomas S. Wootton	1,186	1,220	1,032	1,014	87.0	83.1	556	582	509	520	91.5	89.3	73	80	45	52	61.6	65.0

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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 2022 and 2023 by High School and Race/Ethnicity (Hispanic/Latino, Two or More Races, White)

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High School			٢	her		red 3 or ther	Tool	V k AP am		ed 3 or ther	Hig	red 3 or ther	Tool	V k AP am	N Scor Hig	ed 3 or ther		red 3 or gher
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
All Students	2,570	2,859	1,532	1,696	59.6	59.3	960	1,047	735	828	76.6	79.1	6,943	7,007	5,579	5,589	80.4	79.8
Bethesda-Chevy Chase	95	126	70	92	73.7	73.0	66	82	54	66	81.8	80.5	665	689	532	565	80.0	82.0
Montgomery Blair	110	129	78	90	70.9	69.8	63	63	54	58	85.7	92.1	439	429	376	363	85.6	84.6
James Hubert Blake	73	95	41	42	56.2	44.2		22		7	62.5	31.8	112	121	85	78	75.9	64.5
Winston Churchill	77	92	65	72	84.4	78.3	65	84	56	75	86.2	89.3	559	594	475	488	85.0	82.2
Clarksburg	81	82	48	47	59.3	57.3	42	46	27	34	64.3	73.9	157	132	110	95	70.1	72.0
Damascus	56	66	32	41	57.1	62.1					75.0	58.8	200	196	131	135	65.5	68.9
Albert Einstein	113	129	68	86	60.2	66.7	40	36	27	27	67.5	75.0	243	246	188	181	77.4	73.6
Gaithersburg	110	138	74	78	67.3	56.5							51	62	34	38	66.7	61.3
Walter Johnson	148	148	113	128	76.4	86.5	107	114	96	104	89.7	91.2	794	876	728	806	91.7	92.0
John F. Kennedy	167	154	56	45	33.5	29.2	-	1	-	1	-	-	36	35	25	19	69.4	54.3
Col. Zadok Magruder	101	111	68	64	67.3	57.7	-	-	-	-	63.2	90.0	141	152	106	107	75.2	70.4
Richard Montgomery	108	118	80	94	74.1	79.7	65	68	54	59	83.1	86.8	359	361	295	305	82.2	84.5
Northwest	171	156	87	81	50.9	51.9	64	61	38	41	59.4	67.2	353	334	230	221	65.2	66.2
Northwood	149	153	83	94	55.7	61.4					76.5	60.0	94	73	71	60	75.5	82.2
Paint Branch	73	89	43	50	58.9	56.2				-	63.6	81.3					90.0	84.6
Poolesville	59	71	44	59	74.6	83.1	47	46	38	35	80.9	76.1	274	252	217	209	79.2	82.9
Quince Orchard	119	110	59	52	49.6	47.3	47	44	31	32	66.0	72.7	457	412	330	280	72.2	68.0
Rockville	84	103	48	58	57.1	56.3	-	23	-	19	85.7	82.6	157	162	109	113	69.4	69.8
Seneca Valley	56	72	23	21	41.1	29.2	22	1	6	1	27.3	45.0	63	61	26	30	41.3	49.2
Sherwood	63	75	40	43	63.5	57.3	31	37	26	28	83.9	75.7	363	363	292	264	80.4	72.7
Springbrook	123	140	49	49	39.8	35.0		29		13	47.4	44.8	47	36	28	19	59.6	52.8
Watkins Mill	79	55	30	27	38.0	49.1							21	22	7	8	33.3	36.4
Wheaton	197	243	105	132	53.3	54.3	33	35	29	28	87.9	80.0	133	142	109	117	82.0	82.4
Walt Whitman	94	131	79	109	84.0	83.2	93	99	79	93	84.9	93.9	754	802	665	719	88.2	89.7
Thomas S. Wootton	63	70	49	42	77.8	60.0	42	47	37	40	88.1	85.1	451	439	392	358	86.9	81.5

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 July 2023. To comply with federal requirements, any percentage rates greater than or equal to 5.0% will be noted as \geq 95.0 or \leq 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

Table B3. Nu											arned One o	r		
I	IVI	ore Advance			es of 3 or Hi	gher in 2022	and 2023 b	y High Scho						
High Cahaal	N Took A	D Evam	N Scored 3		0/ Canad	3 or Higher	M Tools	AP Exam		nale 3 or Higher	0/ Casmad	3 or Higher		
High School	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023		
All Students	8,164	8,553	5,977	6,306	73.2	73.7	9,189	9,653	6,656	6,914	72.4	71.6		
Bethesda-Chevy Chase	467	526	372	410	79.7	77.9	496	535	372	423	75.0	79.1		
Montgomery Blair	492	517	410	434	83.3	83.9	528	551	411	423	77.8	76.8		
James Hubert Blake	165	178	95	93	57.6	52.2	253	292	152	149	60.1	51.0		
Winston Churchill	648	700	552	585	85.2	83.6	654	702	558	594	85.3	84.6		
Clarksburg 357 341 227 234 63.6 68.6 411 379 280 263 68.1 69.4														
Clarksburg 357 341 227 234 63.6 68.6 411 379 280 263 68.1 69.4 Damascus 158 187 102 129 64.6 69.0 220 210 147 139 66.8 66.2														
Albert Einstein	219	198	159	133	72.6	67.2	265	328	178	225	67.2	68.6		
	102	142	65	81	63.7	57.0	145	206	91	108	62.8	52.4		
Gaithersburg	663	737	582	651	87.8	88.3	712	769	630	685	88.5	89.1		
Walter Johnson			1							1				
John F. Kennedy	133 174	120	53	37 127	39.8	30.8	206	188	72 147	50	35.0	26.6		
Col. Zadok Magruder		190	119		68.4	66.8	202	253		166	72.8	65.6		
Richard Montgomery	426	418	357	355	83.8	84.9	559	585	467	505	83.5	86.3		
Northwest	539	498	317	317	58.8	63.7	649	598	423	373	65.2	62.4		
Northwood	148	138	82	89	55.4	64.5	241	221	150	130	62.2	58.8		
Paint Branch	164	175	83	101	50.6	57.7	274	308	154	181	56.2	58.8		
Poolesville	391	406	344	365	88.0	89.9	429	442	347	377	80.9	85.3		
Quince Orchard	399	361	271	238	67.9	65.9	436	394	288	257	66.1	65.2		
Rockville	176	215	113	138	64.2	64.2	184	214	117	131	63.6	61.2		
Seneca Valley	136	158	54	77	39.7	48.7	159	185	63	73	39.6	39.5		
Sherwood	286	296	227	221	79.4	74.7	357	351	268	233	75.1	66.4		
Springbrook	306	306	117	124	38.2	40.5	242	267	94	97	38.8	36.3		
Watkins Mill	88	68	26	26	29.5	38.2	96	75	33	29	34.4	38.7		
Wheaton	366	405	232	257	63.4	63.5	299	364	196	236	65.6	64.8		
Walt Whitman	565	674	499	592	88.3	87.8	580	612	506	547	87.2	89.4		
Thomas S. Wootton	592	596	519	492	87.7	82.6	592	621	512	520	86.5	83.7		
<i>Note.</i> $AP = Advanced Placer$	nent. AP exam	results are base	d on data repor	ted by the Colle	ege Board as of	July 2023.								

Table B4. l	Number of Students Who Took One or More Adva	anced Placement Exams and Number and Percenta	ge of Test Takers Who Earned One or
	More Advanced Placement Exam Scores	of 3 or Higher in 2022 and 2023 by High School a	and Service Group
	EML/ReEML	FARMS	Special Education

		WIOIC A	EML/F		CIII LA	II SCOLES	01 5 01 1	inglici i	FAF		by Iligh	School	and Scr v		Special E	ducation	1	
High School	-	V x AP am	N Scor Hig	red 3 or		ored 3	-	V x AP am	N Scor	red 3 or ther		ored 3	Tool	V k AP am	N Scor		% Sco	ored 3
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
All Students	346	381	202	214	58.4	56.2	2,743	3,622	1,396	1,906	50.9	52.6	390	494	211	279	54.1	56.5
Bethesda-Chevy Chase							57	109	26	65	45.6	59.6	26	43	19	24	73.1	55.8
Montgomery Blair	22		17		77.3	66.7	152	196	94	114	61.8	58.2		29		19	≥95.0	65.5
James Hubert Blake							107	137	50	55	46.7	40.1						
Winston Churchill						16.7	44	93	30	67	68.2	72.0	40	51	26	34	65.0	66.7
Clarksburg	-	-					103	120	59	76	57.3	63.3				-	73.3	70.0
Damascus	1	-			-		37	56	24	33	64.9	58.9				-		
Albert Einstein	22		17		77.3	66.7	107	139	66	81	61.7	58.3					58.3	50.0
Gaithersburg					64.3	76.5	97	164	60	81	61.9	49.4						
Walter Johnson		30		22	73.3	73.3	77	133	56	96	72.7	72.2	25	51	18	39	72.0	76.5
John F. Kennedy	44	40	19	21	43.2	52.5	185	186	56	40	30.3	21.5					30.8	
Col. Zadok Magruder							88	119	49	58	55.7	48.7						
Richard Montgomery					71.4	80.0	109	166	78	124	71.6	74.7						
Northwest					71.4	42.9	192	234	89	126	46.4	53.8	24	25	8	10	33.3	40.0
Northwood	23	23	15	14	65.2	60.9	158	185	81	93	51.3	50.3					52.6	52.6
Paint Branch							191	248	97	135	50.8	54.4						
Poolesville							54	74	36	53	66.7	71.6					75.0	70.0
Quince Orchard	24		14		58.3	53.3	126	127	60	71	47.6	55.9	21	29	9	12	42.9	41.4
Rockville						69.2	72	125	42	66	58.3	52.8					23.5	64.3
Seneca Valley						18.2	80	112	26	45	32.5	40.2						15.4
Sherwood							31	65	20	36	64.5	55.4					33.3	60.0
Springbrook	37	36	16	14	43.2	38.9	245	304	80	94	32.7	30.9					≤5.0	
Watkins Mill					82.4	64.7	98	66	30	25	30.6	37.9						
Wheaton	24	44	13	28	54.2	63.6	272	342	144	190	52.9	55.6		30		14	44.4	46.7
Walt Whitman						73.3		29		23	75.0	79.3	25	39	17	26	68.0	66.7
Thomas S. Wootton					60.0		45	93	34	59	75.6	63.4	25	31	18	21	72.0	67.7
Note AP - Advanced	Dlagamas	nt EADN	AC - Ero	and Da	dugad pri	as Masla	Cristami	EMI – E	manant	Multiling			II – Dag	antle: Errit	tod Emore	ront Mult	ilimanual I	oornor

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 July 2023. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as \geq 95.0 or \leq 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

	Tabl	e B5. Number ar	nd Percentag	ge Distribut	ion of MCI	PS Students	Who Took	Advanced	Placement	Exams by		
		Number of Adva	anced Placer	ment Exam	s Taken, Ra	ce/Ethnicit	y and Adva	inced Place	ment Exam	Year		
	AP						AP Ex	am(s)				
Student Group	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	2022	17,389	8,527	4,515	2,491	1,245		49.0	26.0	14.3	7.2	≤5.0
All Students	2023	18,275	8,913	4,610	2,569	1,456		48.8	25.2	14.1	8.0	≤5.0
Asian	2022	4,431	1,658	1,191	788	467	327	37.4	26.9	17.8	10.5	7.4
Asian	2023	4,694	1,799	1,213	765	560	357	38.3	25.8	16.3	11.9	7.6
Black or	2022	2,453	1,522	586	223			62.0	23.9	9.1	≤5.0	≤5.0
African American	2023	2,624	1,494	681	291			56.9	26.0	11.1	≤5.0	≤5.0
Hispanic/Latino	2022	2,570	1,591	635	240			61.9	24.7	9.3	≤5.0	≤5.0
Tiispaine/Latino	2023	2,859	1,744	682	274			61.0	23.9	9.6	≤5.0	≤5.0
Two or More	2022	960	486	255	131	61		50.6	26.6	13.6	6.4	≤5.0
Races	2023	1,047	486	301	147	78		46.4	28.7	14.0	7.4	≤5.0
White	2022	6,943	3,254	1,835	1,107	543		46.9	26.4	15.9	7.8	≤5.0
WIIILE	2023	7,007	3,363	1,723	1,088	583		48.0	24.6	15.5	8.3	≤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 July 2023. To comply with federal requirements, any percentage rates greater than or equal to 95.0% or less than or equal to 5.0% will be noted as \geq 95.0 or \leq 5.0, respectively, and the number of students who took AP exams and the number of students with at least a score of 3 or higher will not be reported (--). Additionally, results are not reported (--) for groups with fewer than 10 test takers. For groups of between 10 and 20 test takers, only the percentage rate will be reported.

	Table B6. Nu	mber and Pe						cement Exam	s in 2023 by		
			Number of A	Advanced Pla	cement Exar	ns Taken by F	High School				
	N					AP Ex	cam(s)				
High School	Took Any	N	N	N	N	N	%	%	%	%	%
Tilgii School	AP Exams	Took	Took	Took	Took	Took Five	Took	Took	Took	Took	Took Five
		One	Two	Three	Four	or More	One	Two	Three	Four	or More
All Students	18,275	8,913	4,610	2,569	1,456		48.8	25.2	14.1	8.0	≤5.0
Bethesda-Chevy Chase	1,071	592	233	127	79		55.3	21.8	11.9	7.4	≤5.0
Montgomery Blair	1,076	401	276	187	125	87	37.3	25.7	17.4	11.6	8.1
James Hubert Blake	474	288	93	53	31		60.8	19.6	11.2	6.5	≤5.0
Winston Churchill	1,406	507	437	234	151	77	36.1	31.1	16.6	10.7	5.5
Clarksburg	722	375	213	91			51.9	29.5	12.6	≤5.0	≤5.0
Damascus	397	216	87	61	24		54.4	21.9	15.4	6.0	≤5.0
Albert Einstein	528	363	121	37			68.8	22.9	7.0	≤5.0	≤5.0
Gaithersburg	348	188	106	44			54.0	30.5	12.6	≤5.0	≤5.0
Walter Johnson	1,513	615	369	277	159	93	40.6	24.4	18.3	10.5	6.1
John F. Kennedy	308	203	93				65.9	30.2	≤5.0	≤5.0	≤5.0
Col. Zadok Magruder	443	223	105	71	35		50.3	23.7	16.0	7.9	≤5.0
Richard Montgomery	1,010	406	308	167	82		40.2	30.5	16.5	8.1	≤5.0
Northwest	1,100	535	300	153	87		48.6	27.3	13.9	7.9	≤5.0
Northwood	361	208	111	37			57.6	30.7	10.2	≤5.0	≤5.0
Paint Branch	483	233	129	74	38		48.2	26.7	15.3	7.9	≤5.0
Poolesville	849	312	191	148	105	93	36.7	22.5	17.4	12.4	11.0
Quince Orchard	757	388	171	117	61		51.3	22.6	15.5	8.1	≤5.0
Rockville	430	284	106	34			66.0	24.7	7.9	≤5.0	≤5.0
Seneca Valley	344	277	64				80.5	18.6	≤5.0	≤5.0	≤5.0
Sherwood	650	346	155	96	42		53.2	23.8	14.8	6.5	≤5.0
Springbrook	575	361	134	60			62.8	23.3	10.4	≤5.0	≤5.0
Watkins Mill	144	128	15				88.9	10.4	≤5.0	≤5.0	≤5.0
Wheaton	771	420	195	88	54		54.5	25.3	11.4	7.0	≤5.0
Walt Whitman	1,289	571	268	202	159	89	44.3	20.8	15.7	12.3	6.9
Thomas S. Wootton	1,220	469	328	196	153	74	38.4	26.9	16.1	12.5	6.1
Mota AD - Advanged Place					11 D 1	CT 1 2022		41 C 1 1			

Note. AP = Advanced Placement. AP exam results are based on data reported by the College Board as of July 2023. 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

	Advanced Placement F					
	, 2, 3, 4, and 5 for the 2	0 Most Frequently Tak		Exam Scores 1, 2, 3, 4		
AP Exam by Subject Area	N Exams	1	2	3	4	5
English						
English Language & Composition	3,776	7.6	24.4	25.6	25.8	16.7
English Literature & Composition	1,647	≤5.0	8.0	29.1	36.7	23.9
Mathematics						
Calculus AB	1,604	11.2	18.4	19.3	21.1	30.0
Calculus BC	1,348	≤5.0	10.3	16.8	18.8	49.6
Statistics	1,699	11.3	12.7	24.1	30.6	21.2
Science						
Biology	974	≤5.0	15.3	23.8	29.6	26.8
Chemistry	760	≤5.0	10.3	28.2	33.6	24.6
Environmental Science	1,019	12.2	20.0	16.6	35.3	15.9
Physics 1	876	15.2	25.7	18.3	27.3	13.6
Physics C: Mechanics	526	7.2	9.1	16.3	33.8	33.5
Social Studies						
Macroeconomics	795	≤5.0	15.6	25.2	26.8	28.4
Microeconomics	832	6.7	17.4	19.4	32.0	24.5
U.S. Government & Politics	5,409	16.8	22.1	27.2	14.0	19.9
U.S. History	2,597	18.1	22.1	24.0	18.6	17.3
World History	2,662	≤5.0	13.6	24.6	28.3	29.3
Human Geography	588	9.5	8.7	19.6	24.3	37.9
Psychology	2,481	17.2	9.7	18.8	26.3	28.0
Technology						
Computer Science A	909	15.1	6.7	16.5	25.5	36.2
Computer Science Principles	2,043	11.6	19.3	31.6	22.9	14.6
Foreign Language						
Spanish Language & Culture	942	≤5.0	6.1	22.9	34.7	35.7

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. 2023 A	Table C2. 2023 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																	
				Freque		ten Adv												
		Il Studen			Asian			African A	merican		panic/La			or More			White	
	_ N	_ <i>N</i>	- %	_ N	_ <i>N</i>	_ %	_ <i>N</i>	_ <i>N</i>	- %	_ <i>N</i>	_ <i>N</i>	- %	_ N	_ N	- %	_ N	_ <i>N</i>	- %
AP Exam by Subject Area	Exams	Exams	Exams 3+	Exams	Exams	Exams 3+	Exams	Exams	Exams	Exams	Exams	Exams	Exams	Exams	Exams 3+	Exams	Exams 3+	Exams
English	Taken	3+	3+	Taken	3+	3+	Taken	3+	3+	Taken	3+	3+	Taken	3+	3+	Taken	3+	3+
English Language & Composition	3,776	2,569	68.0	969	773	79.8	589	258	43.8	508	236	46.5	216	160	74.1	1.487	1.135	76.3
		,		409	380											,	,	
English Literature & Composition	1,647	1,478	89.7	409	380	92.9	185	137	74.1	166	129	77.7			≥95.0	803	751	93.5
Mathematics	1 (0.4	1.100	70.4	402	264	55.4	107	7.	20.6	101	0.0	7.1.1	0.5	70	00.0	211	500	70.0
Calculus AB	1,604	1,129	70.4	483	364	75.4	197	76	38.6	181	98	54.1	95	79	83.2	644	509	79.0
Calculus BC	1,348	1,148	85.2	654	575	87.9	116	68	58.6	88	68	77.3	76	70	92.1	412	366	88.8
Statistics	1,699	1,291	76.0	640	520	81.3	140	65	46.4	162	84	51.9	83	71	85.5	671	549	81.8
Science																		
Biology	974	781	80.2	364	320	87.9	141	80	56.7	99	65	65.7	50	43	86.0	319	272	85.3
Chemistry	760	656	86.3	340	320	94.1	106	73	68.9	66	46	69.7	36	33	91.7	211	183	86.7
Environmental Science	1,019	691	67.8	226	178	78.8	116	38	32.8	126	59	46.8	63	51	81.0	487	364	74.7
Physics 1	876	518	59.1	340	235	69.1	112	22	19.6	74	31	41.9	40	26	65.0	308	203	65.9
Physics C: Mechanics	526	440	83.7	253	216	85.4	26	12	46.2	24	19	79.2	33	31	93.9	190	162	85.3
Social Studies																		
Macroeconomics	795	639	80.4	271	240	88.6	54	30	55.6	72	46	63.9	45	38	84.4	352	284	80.7
Microeconomics	832	631	75.8	298	244	81.9	48	23	47.9	72	39	54.2	44	34	77.3	369	290	78.6
U.S. Government & Politics	5,409	3,303	61.1	1,378	981	71.2	786	335	42.6	830	329	39.6	327	218	66.7	2,074	1,433	69.1
U.S. History	2,597	1,553	59.8	807	549	68.0	348	129	37.1	315	121	38.4	171	112	65.5	951	639	67.2
World History	2,662	2,190	82.3	603	538	89.2	412	279	67.7	349	236	67.6	163	141	86.5	1,130	992	87.8
Human Geography	588	481	81.8	97	74	76.3	79	47	59.5	62	48	77.4			≥95.0	313	276	88.2
Psychology	2,481	1,814	73.1	638	528	82.8	351	167	47.6	339	185	54.6	144	122	84.7	1,001	809	80.8
Technology																		
Computer Science A	909	711	78.2	440	374	85.0	123	63	51.2	62	43	69.4	33	27	81.8	247	202	81.8
Computer Science Principles	2,043	1,412	69.1	720	578	80.3	294	119	40.5	245	120	49.0	120	83	69.2	657	507	77.2
Foreign Language																		
Spanish Language & Culture	942	879	93.3			≥95.0	34	28	82.4	560	520	92.9			≥95.0	207	196	94.7
_ +																		

Note. AP = Advanced Placement. Results for American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander students are included with all students but are not reported separately. AP exam results are based on data reported by the College Board as of July 2023. 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. 2023 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	,		Scores of 1, 2, 3			% Exam Scores 3 or	Mean Exam			
Thigh School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score			
All Students	3,776	7.6	24.4	25.6	25.8	16.7	68.0	3.2			
Bethesda-Chevy Chase	203	6.9	23.6	23.2	31.0	15.3	69.5	3.2			
Montgomery Blair	312	≤5.0	15.1	26.6	30.4	25.0	82.1	3.6			
James Hubert Blake	81	7.4	30.9	33.3	9.9	18.5	61.7	3.0			
Winston Churchill	313	≤5.0	15.3	20.4	32.9	28.1	81.5	3.7			
Clarksburg	101	≤5.0	22.8	33.7	26.7	11.9	72.3	3.2			
Damascus	81	≤5.0	37.0	27.2	23.5	7.4	58.0	2.9			
Albert Einstein	100	12.0	39.0	29.0	14.0	6.0	49.0	2.6			
Gaithersburg	77	22.1	40.3	23.4	11.7	≤5.0	37.7	2.3			
Walter Johnson	301	≤5.0	17.3	28.6	30.6	22.6	81.7	3.6			
John F. Kennedy	84	45.2	32.1	13.1	7.1	≤5.0	22.6	1.9			
Col. Zadok Magruder	79	13.9	27.8	26.6	15.2	16.5	58.2	2.9			
Richard Montgomery	178	≤5.0	27.5	20.2	32.0	16.9	69.1	3.3			
Northwest	253	10.3	35.6	30.4	19.0	≤5.0	54.2	2.7			
Northwood	82	23.2	30.5	28.0	12.2	6.1	46.3	2.5			
Paint Branch	115	7.8	47.0	27.0	16.5	≤5.0	45.2	2.6			
Poolesville	184	≤5.0	6.5	17.4	39.1	35.9	92.4	4.0			
Quince Orchard	193	8.3	33.2	28.5	21.2	8.8	58.5	2.9			
Rockville	100	17.0	39.0	24.0	16.0	≤5.0	44.0	2.5			
Seneca Valley											
Sherwood	105	≤5.0	21.9	25.7	28.6	19.0	73.3	3.4			
Springbrook	120	32.5	30.8	20.8	10.8	≤5.0	36.7	2.3			
Watkins Mill											
Wheaton	116	5.2	31.0	31.9	19.8	12.1	63.8	3.0			
Walt Whitman	323	≤5.0	16.7	23.5	32.8	25.1	81.4	3.6			
Thomas S. Wootton	273	≤5.0	16.5	29.7	33.0	19.0	81.7	3.5			

N		ble C4. 2023 MCP as Taken; Percenta					gh School	
High School	N Exams			Scores of 1, 2, 3			% Exam Scores 3 or	Mean Exam
Tingii belloof	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	1,647	≤5.0	8.0	29.1	36.7	23.9	89.7	3.7
Bethesda-Chevy Chase	55	≤5.0	≤5.0	36.4	38.2	21.8	≥95.0	3.8
Montgomery Blair	85	≤5.0	≤5.0	18.8	36.5	44.7	≥95.0	4.3
James Hubert Blake	36	5.6	16.7	55.6	11.1	11.1	77.8	3.1
Winston Churchill	113	≤5.0	7.1	34.5	38.9	18.6	92.0	3.7
Clarksburg	49	≤5.0	8.2	34.7	42.9	12.2	89.8	3.6
Damascus	40	≤5.0	≤5.0	42.5	35.0	12.5	90.0	3.5
Albert Einstein	43	≤5.0	32.6	30.2	25.6	7.0	62.8	3.0
Gaithersburg	42	≤5.0	16.7	38.1	28.6	16.7	83.3	3.5
Walter Johnson	176	≤5.0	5.1	25.6	44.9	23.3	93.8	3.8
John F. Kennedy								
Col. Zadok Magruder	66	≤5.0	≤5.0	30.3	48.5	16.7	≥95.0	3.8
Richard Montgomery	71	≤5.0	5.6	21.1	26.8	46.5	94.4	4.1
Northwest	147	≤5.0	18.4	32.0	31.3	14.3	77.6	3.3
Northwood	31	6.5	12.9	38.7	29.0	12.9	80.6	3.3
Paint Branch	34	5.9	14.7	47.1	26.5	5.9	79.4	3.1
Poolesville	78	≤5.0	≤5.0	25.6	42.3	30.8	≥95.0	4.0
Quince Orchard	101	≤5.0	10.9	37.6	35.6	12.9	86.1	3.4
Rockville	32	6.3	9.4	37.5	37.5	9.4	84.4	3.3
Seneca Valley								
Sherwood	84	≤5.0	≤5.0	29.8	39.3	28.6	≥95.0	3.9
Springbrook	35	20.0	22.9	34.3	14.3	8.6	57.1	2.7
Watkins Mill								
Wheaton	41	≤5.0	≤5.0	34.1	29.3	29.3	92.7	3.8
Walt Whitman	117	≤5.0	≤5.0	11.1	48.7	38.5	≥95.0	4.2
Thomas S. Wootton	168	≤5.0	≤5.0	18.5	38.7	36.9	94.0	4.1

Ni	ımber of Exams		5. 2023 MCPS Acge of Exam Score			cam Score by Hig	rh School	
High School	N Exams	Taken, Tereorita,		Scores of 1, 2, 3	•		% Exam Scores 3 or	Mean Exam
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	1,604	11.2	18.4	19.3	21.1	30.0	70.4	3.4
Bethesda-Chevy Chase	64	≤5.0	6.3	21.9	28.1	40.6	90.6	4.0
Montgomery Blair	87	14.9	23.0	21.8	21.8	18.4	62.1	3.1
James Hubert Blake	28	64.3	28.6	≤5.0	≤5.0	≤5.0	7.1	1.5
Winston Churchill	126	≤5.0	16.7	28.6	23.8	30.2	82.5	3.7
Clarksburg	73	6.8	16.4	27.4	23.3	26.0	76.7	3.5
Damascus	30	6.7	33.3	26.7	23.3	10.0	60.0	3.0
Albert Einstein	45	17.8	35.6	20.0	22.2	≤5.0	46.7	2.6
Gaithersburg	46	19.6	47.8	15.2	13.0	≤5.0	32.6	2.3
Walter Johnson	161	≤5.0	≤5.0	9.9	23.0	63.4	≥95.0	4.4
John F. Kennedy								
Col. Zadok Magruder	47	10.6	36.2	34.0	12.8	6.4	53.2	2.7
Richard Montgomery	65	≤5.0	7.7	18.5	18.5	53.8	90.8	4.2
Northwest	66	≤5.0	10.6	19.7	28.8	39.4	87.9	3.9
Northwood	21	14.3	28.6	23.8	23.8	9.5	57.1	2.9
Paint Branch	39	48.7	20.5	17.9	12.8	≤5.0	30.8	1.9
Poolesville	52	≤5.0	25.0	15.4	30.8	26.9	73.1	3.6
Quince Orchard	68	≤5.0	5.9	26.5	33.8	33.8	94.1	4.0
Rockville	34	26.5	29.4	11.8	8.8	23.5	44.1	2.7
Seneca Valley	27	37.0	44.4	11.1	7.4	≤5.0	18.5	1.9
Sherwood	71	11.3	32.4	25.4	19.7	11.3	56.3	2.9
Springbrook	60	50.0	33.3	8.3	≤5.0	≤5.0	16.7	1.8
Watkins Mill	10	80.0	10.0	≤5.0	≤5.0	10.0	10.0	1.5
Wheaton	86	19.8	31.4	27.9	10.5	10.5	48.8	2.6
Walt Whitman	134	≤5.0	14.9	21.6	27.6	34.3	83.6	3.8
Thomas S. Wootton	157	≤5.0	≤5.0	10.2	24.8	61.8	≥95.0	4.4

]	Number of Exams		5 2023 MCPS Adge of Exam Score			am Score by Hig	th School	
High School	N Exams			n Scores of 1, 2,			% Exam Scores 3 or	Mean Exam
Tilgii beliooi	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	1,348	≤5.0	10.3	16.8	18.8	49.6	85.2	4.0
Bethesda-Chevy Chase	73	≤5.0	≤5.0	9.6	13.7	75.3	≥95.0	4.6
Montgomery Blair	132	≤5.0	6.8	10.6	12.9	68.2	91.7	4.4
James Hubert Blake	32	50.0	25.0	12.5	9.4	≤5.0	25.0	1.9
Winston Churchill	126	≤5.0	7.1	15.9	27.0	46.8	89.7	4.1
Clarksburg	57	≤5.0	7.0	24.6	17.5	50.9	93.0	4.1
Damascus	20	≤5.0	10.0	25.0	15.0	45.0	85.0	3.9
Albert Einstein								
Gaithersburg								
Walter Johnson	61	≤5.0	≤5.0	6.6	11.5	78.7	≥95.0	4.6
John F. Kennedy	10	50.0	50.0	≤5.0	≤5.0	≤5.0	≤5.0	1.5
Col. Zadok Magruder	21	9.5	33.3	19.0	23.8	14.3	57.1	3.0
Richard Montgomery	123	≤5.0	≤5.0	22.0	23.6	52.8	≥95.0	4.3
Northwest	63	≤5.0	≤5.0	≤5.0	14.3	76.2	≥95.0	4.6
Northwood	10	20.0	≤5.0	30.0	30.0	20.0	80.0	3.3
Paint Branch	47	≤5.0	29.8	27.7	23.4	14.9	66.0	3.1
Poolesville	145	≤5.0	16.6	16.6	19.3	44.1	80.0	3.8
Quince Orchard	48	≤5.0	≤5.0	14.6	20.8	62.5	≥95.0	4.4
Rockville	13	≤5.0	≤5.0	23.1	46.2	30.8	≥95.0	4.1
Seneca Valley								
Sherwood	48	≤5.0	22.9	20.8	29.2	25.0	75.0	3.5
Springbrook	44	27.3	27.3	15.9	11.4	18.2	45.5	2.7
Watkins Mill								
Wheaton	50	≤5.0	18.0	24.0	30.0	28.0	82.0	3.7
Walt Whitman	85	≤5.0	5.9	16.5	12.9	62.4	91.8	4.3
Thomas S. Wootton	108	≤5.0	5.6	19.4	19.4	55.6	94.4	4.3

Num	ber of Exams T			Advanced Placems of 1, 2, 3, 4, and	ent Statistics : d 5; and Mean Ex	am Score by Hig	h School	
	N Exams		% Exar	m Scores of 1, 2, 3	3, 4, or 5		% Exam	Mean
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score
All Students	1,699	11.3	12.7	24.1	30.6	21.2	76.0	3.4
Bethesda-Chevy Chase	72	11.1	16.7	26.4	30.6	15.3	72.2	3.2
Montgomery Blair	158	8.2	≤5.0	15.8	36.7	35.4	88.0	3.9
James Hubert Blake	31	12.9	19.4	41.9	9.7	16.1	67.7	3.0
Winston Churchill	145	≤5.0	6.9	24.1	34.5	30.3	89.0	3.8
Clarksburg	62	14.5	16.1	22.6	35.5	11.3	69.4	3.1
Damascus	32	21.9	18.8	40.6	18.8	≤5.0	59.4	2.6
Albert Einstein	43	37.2	30.2	30.2	≤5.0	≤5.0	32.6	2.0
Gaithersburg	44	40.9	18.2	27.3	11.4	≤5.0	40.9	2.2
Walter Johnson	140	7.1	7.1	20.7	40.7	24.3	85.7	3.7
John F. Kennedy	20	45.0	40.0	≤5.0	10.0	≤5.0	15.0	1.8
Col. Zadok Magruder	47	12.8	21.3	38.3	21.3	6.4	66.0	2.9
Richard Montgomery	83	≤5.0	7.2	15.7	24.1	48.2	88.0	4.0
Northwest	58	15.5	12.1	15.5	29.3	27.6	72.4	3.4
Northwood	22	27.3	40.9	18.2	9.1	≤5.0	31.8	2.2
Paint Branch	48	22.9	27.1	22.9	16.7	10.4	50.0	2.6
Poolesville	149	≤5.0	6.0	25.5	34.9	30.2	90.6	3.8
Quince Orchard	68	5.9	8.8	26.5	27.9	30.9	85.3	3.7
Rockville	12	25.0	16.7	25.0	16.7	16.7	58.3	2.8
Seneca Valley	10	20.0	30.0	20.0	10.0	20.0	50.0	2.8
Sherwood	43	7.0	18.6	20.9	34.9	18.6	74.4	3.4
Springbrook	19	31.6	31.6	15.8	10.5	10.5	36.8	2.4
Watkins Mill								
Wheaton	69	13.0	14.5	30.4	18.8	23.2	72.5	3.2
Walt Whitman	122	11.5	8.2	31.1	40.2	9.0	80.3	3.3
Thomas S. Wootton	195	≤5.0	13.3	24.6	42.6	15.4	82.6	3.5

Nu	mber of Exams		C8. 2023 MCPS ge of Exam Score		ment Biology : d 5; and Mean Ex	cam Score by Hig	gh School	
High School	N Exams	,		n Scores of 1, 2, 3			% Exam Scores 3 or	Mean Exam
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	974	≤5.0	15.3	23.8	29.6	26.8	80.2	3.6
Bethesda-Chevy Chase	48	≤5.0	6.3	25.0	31.3	37.5	93.8	4.0
Montgomery Blair	136	≤5.0	21.3	21.3	30.9	23.5	75.7	3.5
James Hubert Blake	38	5.3	34.2	28.9	18.4	13.2	60.5	3.0
Winston Churchill	106	≤5.0	6.6	16.0	38.7	36.8	91.5	4.0
Clarksburg	35	≤5.0	14.3	31.4	37.1	14.3	82.9	3.5
Damascus	10	≤5.0	≤5.0	40.0	40.0	20.0	≥95.0	3.8
Albert Einstein								
Gaithersburg	46	≤5.0	30.4	32.6	32.6	≤5.0	67.4	3.0
Walter Johnson	49	≤5.0	6.1	18.4	22.4	53.1	93.9	4.2
John F. Kennedy								
Col. Zadok Magruder	17	17.6	23.5	29.4	11.8	17.6	58.8	2.9
Richard Montgomery	29	6.9	10.3	24.1	31.0	27.6	82.8	3.6
Northwest	34	≤5.0	17.6	32.4	29.4	17.6	79.4	3.4
Northwood	17	5.9	17.6	23.5	47.1	5.9	76.5	3.3
Paint Branch	43	11.6	14.0	41.9	25.6	7.0	74.4	3.0
Poolesville	53	≤5.0	5.7	9.4	34.0	50.9	94.3	4.3
Quince Orchard	44	≤5.0	25.0	34.1	27.3	13.6	75.0	3.3
Rockville								
Seneca Valley								
Sherwood	73	6.8	26.0	37.0	17.8	12.3	67.1	3.0
Springbrook	36	38.9	33.3	22.2	5.6	≤5.0	27.8	1.9
Watkins Mill								
Wheaton	38	5.3	10.5	15.8	39.5	28.9	84.2	3.8
Walt Whitman	56	≤5.0	≤5.0	8.9	28.6	58.9	≥95.0	4.4
Thomas S. Wootton	66	≤5.0	≤5.0	19.7	36.4	39.4	≥95.0	4.1

Num	ber of Exams T			Advanced Placemes of 1, 2, 3, 4, ar	nent Chemistry : nd 5; and Mean E	xam Score by Hi	gh School	
High School	N Exams	diceri, i erecina		m Scores of 1, 2,			% Exam Scores 3 or	Mean Exam
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	760	≤5.0	10.3	28.2	33.6	24.6	86.3	3.7
Bethesda-Chevy Chase	13	≤5.0	15.4	15.4	46.2	23.1	84.6	3.8
Montgomery Blair	74	≤5.0	13.5	29.7	23.0	31.1	83.8	3.7
James Hubert Blake	17	≤5.0	29.4	47.1	11.8	11.8	70.6	3.1
Winston Churchill	44	≤5.0	≤5.0	9.1	27.3	63.6	≥95.0	4.5
Clarksburg	37	5.4	5.4	32.4	48.6	8.1	89.2	3.5
Damascus	24	≤5.0	20.8	33.3	41.7	≤5.0	79.2	3.3
Albert Einstein								
Gaithersburg	15	20.0	33.3	20.0	20.0	6.7	46.7	2.6
Walter Johnson	32	≤5.0	6.3	28.1	34.4	31.3	93.8	3.9
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	42	≤5.0	9.5	33.3	33.3	21.4	88.1	3.6
Northwest	33	≤5.0	≤5.0	27.3	54.5	18.2	≥95.0	3.9
Northwood	13	7.7	38.5	46.2	7.7	≤5.0	53.8	2.5
Paint Branch	53	≤5.0	11.3	37.7	39.6	9.4	86.8	3.4
Poolesville	49	≤5.0	≤5.0	28.6	46.9	22.4	≥95.0	3.9
Quince Orchard	11	≤5.0	45.5	45.5	9.1	≤5.0	54.5	2.6
Rockville	12	16.7	50.0	33.3	≤5.0	≤5.0	33.3	2.2
Seneca Valley								
Sherwood	31	9.7	12.9	41.9	32.3	≤5.0	77.4	3.1
Springbrook	26	34.6	38.5	26.9	≤5.0	≤5.0	26.9	1.9
Watkins Mill								
Wheaton	60	≤5.0	≤5.0	20.0	41.7	31.7	93.3	4.0
Walt Whitman	75	≤5.0	≤5.0	28.0	38.7	28.0	94.7	3.9
Thomas S. Wootton	92	≤5.0	≤5.0	18.5	35.9	45.7	≥95.0	4.3

Nu				res of 1, 2, 3, 4, and			gh School	
High School	N Exams	aken, i cicentag		am Scores of 1, 2,		tain score by The	% Exam Scores 3 or	Mean Exam
Tilgli School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	1,019	12.2	20.0	16.6	35.3	15.9	67.8	3.2
Bethesda-Chevy Chase	135	13.3	17.0	20.7	34.8	14.1	69.6	3.2
Montgomery Blair	31	38.7	22.6	9.7	6.5	22.6	38.7	2.5
James Hubert Blake								
Winston Churchill	72	≤5.0	9.7	13.9	55.6	19.4	88.9	3.8
Clarksburg	52	9.6	19.2	17.3	30.8	23.1	71.2	3.4
Damascus	43	11.6	20.9	16.3	44.2	7.0	67.4	3.1
Albert Einstein								
Gaithersburg	36	19.4	36.1	27.8	8.3	8.3	44.4	2.5
Walter Johnson	87	≤5.0	5.7	17.2	46.0	29.9	93.1	4.0
John F. Kennedy								
Col. Zadok Magruder	39	20.5	33.3	23.1	15.4	7.7	46.2	2.6
Richard Montgomery	59	8.5	11.9	6.8	54.2	18.6	79.7	3.6
Northwest	104	13.5	32.7	15.4	28.8	9.6	53.8	2.9
Northwood								
Paint Branch	49	42.9	32.7	8.2	16.3	≤5.0	24.5	2.0
Poolesville	67	≤5.0	≤5.0	10.4	46.3	38.8	≥95.0	4.2
Quince Orchard	22	≤5.0	13.6	18.2	45.5	22.7	86.4	3.8
Rockville								
Seneca Valley								
Sherwood	32	15.6	50.0	15.6	15.6	≤5.0	34.4	2.4
Springbrook								
Watkins Mill								
Wheaton	11	9.1	18.2	27.3	27.3	18.2	72.7	3.3
Walt Whitman	114	8.8	20.2	21.9	39.5	9.6	71.1	3.2
Thomas S. Wootton	55	7.3	20.0	16.4	41.8	14.5	72.7	3.4

Num	ber of Exams		C11. 2023 MCPS age of Exam Scor		ement Physics 1 : nd 5; and Mean E	Exam Score by H	igh School	
High School	N Exams			n Scores of 1, 2,		J	% Exam Scores 3 or	Mean Exam
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	876	15.2	25.7	18.3	27.3	13.6	59.1	3.0
Bethesda-Chevy Chase								
Montgomery Blair	91	24.2	39.6	14.3	17.6	≤5.0	36.3	2.4
James Hubert Blake		-		-				
Winston Churchill	161	5.6	21.7	21.7	37.9	13.0	72.7	3.3
Clarksburg	29	20.7	31.0	34.5	6.9	6.9	48.3	2.5
Damascus								
Albert Einstein		-	-	-				
Gaithersburg	10	40.0	20.0	10.0	20.0	10.0	40.0	2.4
Walter Johnson	88	6.8	21.6	20.5	35.2	15.9	71.6	3.3
John F. Kennedy		-	-	-				
Col. Zadok Magruder	22	50.0	40.9	≤5.0	≤5.0	≤5.0	9.1	1.6
Richard Montgomery	19	10.5	10.5	15.8	31.6	31.6	78.9	3.6
Northwest	49	30.6	36.7	26.5	≤5.0	≤5.0	32.7	2.1
Northwood	11	9.1	45.5	36.4	9.1	≤5.0	45.5	2.5
Paint Branch	27	51.9	33.3	7.4	≤5.0	≤5.0	14.8	1.7
Poolesville	30	13.3	33.3	23.3	20.0	10.0	53.3	2.8
Quince Orchard	16	31.3	31.3	25.0	12.5	≤5.0	37.5	2.2
Rockville			-	-				
Seneca Valley								
Sherwood								
Springbrook	14	42.9	42.9	≤5.0	14.3	≤5.0	14.3	1.9
Watkins Mill								
Wheaton	84	20.2	40.5	10.7	20.2	8.3	39.3	2.6
Walt Whitman	106	≤5.0	13.2	19.8	48.1	15.1	83.0	3.6
Thomas S. Wootton	105	≤5.0	7.6	15.2	35.2	40.0	90.5	4.0

Numl	ber of Exams				Physics C: Mechand 5; and Mean E		igh School	
High School	N Exams	,		m Scores of 1, 2,		·	% Exam Scores 3 or	Mean Exam
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	526	7.2	9.1	16.3	33.8	33.5	83.7	3.8
Bethesda-Chevy Chase	17	≤5.0	17.6	17.6	29.4	35.3	82.4	3.8
Montgomery Blair	75	≤5.0	≤5.0	13.3	26.7	57.3	≥95.0	4.4
James Hubert Blake		-	-					
Winston Churchill	61	6.6	9.8	18.0	24.6	41.0	83.6	3.8
Clarksburg	12	≤5.0	25.0	25.0	25.0	25.0	75.0	3.5
Damascus								
Albert Einstein								
Gaithersburg								
Walter Johnson	39	7.7	10.3	20.5	35.9	25.6	82.1	3.6
John F. Kennedy								
Col. Zadok Magruder								
Richard Montgomery	70	≤5.0	11.4	31.4	37.1	15.7	84.3	3.5
Northwest								
Northwood								
Paint Branch								
Poolesville	38	≤5.0	7.9	7.9	36.8	47.4	92.1	4.2
Quince Orchard	16	37.5	6.3	37.5	6.3	12.5	56.3	2.5
Rockville								
Seneca Valley								
Sherwood	27	14.8	11.1	18.5	40.7	14.8	74.1	3.3
Springbrook	12	66.7	≤5.0	16.7	≤5.0	16.7	33.3	2.0
Watkins Mill								
Wheaton	39	10.3	7.7	5.1	46.2	30.8	82.1	3.8
Walt Whitman	72	≤5.0	9.7	8.3	45.8	34.7	88.9	4.0
Thomas S. Wootton	32	≤5.0	6.3	6.3	46.9	40.6	93.8	4.2

Num	ber of Exams		. 2023 MCPS Adage of Exam Scor				gh School	
High School	N Exams	Tuken, Teresia		m Scores of 1, 2,		muni secre of 12.	% Exam Scores 3 or	Mean Exam
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	795	≤5.0	15.6	25.2	26.8	28.4	80.4	3.6
Bethesda-Chevy Chase	61	6.6	≤5.0	23.0	37.7	27.9	88.5	3.8
Montgomery Blair	42	≤5.0	9.5	16.7	33.3	40.5	90.5	4.0
James Hubert Blake	29	6.9	34.5	24.1	20.7	13.8	58.6	3.0
Winston Churchill	54	≤5.0	≤5.0	7.4	20.4	70.4	≥95.0	4.6
Clarksburg	28	7.1	39.3	25.0	28.6	≤5.0	53.6	2.8
Damascus								
Albert Einstein	10	≤5.0	20.0	40.0	30.0	10.0	80.0	3.3
Gaithersburg	18	11.1	44.4	27.8	16.7	≤5.0	44.4	2.5
Walter Johnson	140	≤5.0	10.7	31.4	32.1	25.0	88.6	3.7
John F. Kennedy								
Col. Zadok Magruder	20	20.0	40.0	20.0	20.0	≤5.0	40.0	2.4
Richard Montgomery	57	≤5.0	15.8	24.6	26.3	33.3	84.2	3.8
Northwest	36	13.9	33.3	30.6	19.4	≤5.0	52.8	2.6
Northwood								
Paint Branch								
Poolesville	56	≤5.0	7.1	26.8	32.1	32.1	91.1	3.9
Quince Orchard	56	10.7	26.8	32.1	8.9	21.4	62.5	3.0
Rockville								
Seneca Valley								
Sherwood	21	9.5	19.0	23.8	23.8	23.8	71.4	3.3
Springbrook								
Watkins Mill								
Wheaton								
Walt Whitman	98	≤5.0	14.3	31.6	25.5	27.6	84.7	3.6
Thomas S. Wootton	63	≤5.0	≤5.0	14.3	30.2	50.8	≥95.0	4.3

Table C14. 2023 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	,		n Scores of 1, 2,			% Exam Scores 3 or	Mean Exam		
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score		
All Students	832	6.7	17.4	19.4	32.0	24.5	75.8	3.5		
Bethesda-Chevy Chase	58	6.9	8.6	20.7	37.9	25.9	84.5	3.7		
Montgomery Blair	40	≤5.0	15.0	≤5.0	42.5	37.5	82.5	4.0		
James Hubert Blake	32	25.0	25.0	15.6	21.9	12.5	50.0	2.7		
Winston Churchill	59	≤5.0	≤5.0	5.1	27.1	64.4	≥95.0	4.5		
Clarksburg	23	≤5.0	39.1	34.8	17.4	≤5.0	56.5	2.8		
Damascus	21	≤5.0	23.8	23.8	33.3	14.3	71.4	3.3		
Albert Einstein	10	10.0	20.0	50.0	10.0	10.0	70.0	2.9		
Gaithersburg	16	25.0	31.3	25.0	18.8	≤5.0	43.8	2.4		
Walter Johnson	151	≤5.0	11.3	21.9	39.1	23.8	84.8	3.7		
John F. Kennedy										
Col. Zadok Magruder	17	23.5	35.3	11.8	23.5	5.9	41.2	2.5		
Richard Montgomery	45	≤5.0	13.3	15.6	31.1	40.0	86.7	4.0		
Northwest	41	17.1	36.6	26.8	17.1	≤5.0	46.3	2.5		
Northwood										
Paint Branch										
Poolesville	60	≤5.0	10.0	16.7	38.3	31.7	86.7	3.9		
Quince Orchard	61	16.4	36.1	23.0	14.8	9.8	47.5	2.7		
Rockville										
Seneca Valley		-		-						
Sherwood	37	8.1	32.4	27.0	18.9	13.5	59.5	3.0		
Springbrook										
Watkins Mill										
Wheaton										
Walt Whitman	90	≤5.0	15.6	13.3	82.2	3.5				
Thomas S. Wootton	70	≤5.0	7.1	10.0	40.0	41.4	91.4	4.1		

Num	Table C15. 2023 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	,		m Scores of 1, 2,		,	% Exam Scores 3 or	Mean Exam				
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score				
All Students	5,409	16.8	22.1	27.2	14.0	19.9	61.1	3.0				
Bethesda-Chevy Chase	364	11.0	18.1	26.9	18.1	25.8	70.9	3.3				
Montgomery Blair	317	9.8	20.5	24.9	12.9	31.9	69.7	3.4				
James Hubert Blake	120	42.5	30.0	18.3	5.8	≤5.0	27.5	2.0				
Winston Churchill	371	10.5	19.4	30.5	11.6	28.0	70.1	3.3				
Clarksburg	238	19.7	29.4	29.0	11.3	10.5	50.8	2.6				
Damascus	105	20.0	24.8	34.3	15.2	5.7	55.2	2.6				
Albert Einstein	172	16.9	14.5	34.3	10.5	23.8	68.6	3.1				
Gaithersburg	41	29.3	31.7	29.3	≤5.0	7.3	39.0	2.3				
Walter Johnson	402	≤5.0	13.9	26.9	20.6	34.1	81.6	3.7				
John F. Kennedy	106	58.5	23.6	9.4	5.7	≤5.0	17.9	1.7				
Col. Zadok Magruder	147	19.0	33.3	27.2	9.5	10.9	47.6	2.6				
Richard Montgomery	326	7.1	22.1	22.4	18.4	30.1	70.9	3.4				
Northwest	308	24.0	25.3	26.3	11.7	12.7	50.6	2.6				
Northwood	120	18.3	30.0	25.8	15.0	10.8	51.7	2.7				
Paint Branch	103	22.3	24.3	38.8	5.8	8.7	53.4	2.5				
Poolesville	259	6.6	14.7	29.7	16.6	32.4	78.8	3.5				
Quince Orchard	210	21.4	30.0	27.6	13.8	7.1	48.6	2.6				
Rockville	119	31.1	25.2	22.7	9.2	11.8	43.7	2.5				
Seneca Valley	192	35.4	31.3	20.8	8.3	≤5.0	33.3	2.1				
Sherwood	216	17.1	25.5	29.6	8.3	19.4	57.4	2.9				
Springbrook	172	42.4	32.0	18.6	≤5.0	≤5.0	25.6	1.9				
Watkins Mill	39	38.5	28.2	25.6	≤5.0	5.1	33.3	2.1				
Wheaton	174	27.6	16.1	24.7	17.2	14.4	56.3	2.7				
Walt Whitman	444	5.2	15.5	31.5	22.5	25.2	79.3	3.5				
Thomas S. Wootton	344	7.8	21.2	31.1	16.9	23.0	70.9	3.3				

Num	Table C16. 2023 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			m Scores of 1, 2,		,	% Exam Scores 3 or	Mean Exam				
righ School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score				
All Students	2,597	18.1	22.1	24.0	18.6	17.3	59.8	2.9				
Bethesda-Chevy Chase	166	6.6	12.0	25.9	28.3	27.1	81.3	3.6				
Montgomery Blair	19	5.3	5.3	15.8	26.3	47.4	89.5	4.1				
James Hubert Blake	73	50.7	27.4	16.4	≤5.0	≤5.0	21.9	1.8				
Winston Churchill	280	10.4	17.1	22.9	27.5	22.1	72.5	3.3				
Clarksburg	110	19.1	31.8	26.4	13.6	9.1	49.1	2.6				
Damascus	44	15.9	43.2	6.8	40.9	2.5						
Albert Einstein	64	23.4	29.7	25.0	15.6	6.3	46.9	2.5				
Gaithersburg	12	8.3	50.0	8.3	25.0	8.3	41.7	2.8				
Walter Johnson	255	5.5	10.2	31.0	24.7	28.6	84.3	3.6				
John F. Kennedy	81	56.8	23.5	9.9	6.2	≤5.0	19.8	1.8				
Col. Zadok Magruder	30	13.3	23.3	30.0	16.7	16.7	63.3	3.0				
Richard Montgomery	186	≤5.0	14.0	23.7	26.3	31.7	81.7	3.7				
Northwest	307	30.9	32.6	27.7	6.8	≤5.0	36.5	2.2				
Northwood	29	13.8	20.7	27.6	13.8	24.1	65.5	3.1				
Paint Branch	25	24.0	20.0	36.0	12.0	8.0	56.0	2.6				
Poolesville	109	8.3	22.9	24.8	15.6	28.4	68.8	3.3				
Quince Orchard	121	28.1	35.5	18.2	12.4	5.8	36.4	2.3				
Rockville	72	19.4	12.5	37.5	20.8	9.7	68.1	2.9				
Seneca Valley	64	25.0	25.0	28.1	15.6	6.3	50.0	2.5				
Sherwood	46	≤5.0	26.1	34.8	17.4	17.4	69.6	3.2				
Springbrook	84	41.7	35.7	15.5	≤5.0	≤5.0	22.6	1.9				
Watkins Mill	54	48.1	27.8	13.0	11.1	≤5.0	24.1	1.9				
Wheaton	108	26.9	30.6	24.1	14.8	≤5.0	42.6	2.4				
Walt Whitman	134	≤5.0	≤5.0	11.2	36.6	47.8	≥95.0	4.3				
Thomas S. Wootton	124	≤5.0	23.4	25.0	22.6	25.0	72.6	3.4				

Nun	Table C17. 2023 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										
	N Exams			m Scores of 1, 2,			% Exam Scores 3 or	Mean			
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Exam Score			
All Students	2,662	≤5.0	13.6	24.6	28.3	29.3	82.3	3.7			
Bethesda-Chevy Chase	190	≤5.0	13.2	26.8	22.1	35.8	84.7	3.8			
Montgomery Blair	254	≤5.0	7.9	17.3	30.3	41.7	89.4	4.0			
James Hubert Blake	81	≤5.0	17.3	30.9	27.2	21.0	79.0	3.4			
Winston Churchill	140	≤5.0	≤5.0	10.0	32.1	55.7	≥95.0	4.4			
Clarksburg	104	≤5.0	21.2	27.9	31.7	15.4	75.0	3.3			
Damascus	118	5.1	21.2	38.1	22.0	13.6	73.7	3.2			
Albert Einstein	119	≤5.0	20.2	37.8	30.3	8.4	76.5	3.2			
Gaithersburg	12	16.7	≤5.0	25.0	25.0	33.3	83.3	3.6			
Walter Johnson	328	≤5.0	≤5.0	16.2	34.5	43.0	93.6	4.1			
John F. Kennedy											
Col. Zadok Magruder	93	6.5	18.3	38.7	22.6 14.0		75.3	3.2			
Richard Montgomery	113	≤5.0	12.4	34.5	28.3	23.0	85.8	3.6			
Northwest	161	11.8	23.0	36.6	24.2	≤5.0	65.2	2.9			
Northwood	31	≤5.0	12.9	22.6	35.5	29.0	87.1	3.8			
Paint Branch	85	8.2	27.1	35.3	22.4	7.1	64.7	2.9			
Poolesville	199	≤5.0	6.5	17.1	33.2	41.2	91.5	4.1			
Quince Orchard	106	≤5.0	11.3	25.5	28.3	32.1	85.8	3.8			
Rockville	30	10.0	30.0	20.0	23.3	16.7	60.0	3.1			
Seneca Valley			-								
Sherwood	104	≤5.0	15.4	24.0	27.9	30.8	82.7	3.7			
Springbrook	71	16.9	29.6	21.1	18.3	14.1	53.5	2.8			
Watkins Mill											
Wheaton	144	9.0	24.3	23.6	23.6	19.4	66.7	3.2			
Walt Whitman	82	≤5.0	7.3	22.0	31.7	36.6	90.2	3.9			
Thomas S. Wootton	96	≤5.0	7.3	16.7	31.3	43.8	91.7	4.1			

Nun	nber of Exams			anced Placement res of 1, 2, 3, 4, ar			igh School	
High School	N Exams	Tuken, Tereente		m Scores of 1, 2,			% Exam Scores 3 or	Mean Exam
riigii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score
All Students	588	9.5	8.7	19.6	24.3	37.9	81.8	3.7
Bethesda-Chevy Chase		-	-		-			
Montgomery Blair	84	6.0	≤5.0	26.2	21.4	42.9	90.5	3.9
James Hubert Blake	21	28.6	14.3	23.8	≤5.0	28.6	57.1	2.9
Winston Churchill	83	6.0	9.6	22.9	26.5	34.9	84.3	3.7
Clarksburg								
Damascus								
Albert Einstein		-	-		-			
Gaithersburg		-	-					
Walter Johnson	133	≤5.0	≤5.0	12.0	25.6	58.6	≥95.0	4.4
John F. Kennedy		-	-		-			
Col. Zadok Magruder	15	6.7	13.3	26.7	33.3	20.0	80.0	3.5
Richard Montgomery	28	≤5.0	7.1	7.1	57.1	25.0	89.3	3.9
Northwest	36	33.3	19.4	22.2	13.9	11.1	47.2	2.5
Northwood								
Paint Branch	31	35.5	16.1	19.4	22.6	6.5	48.4	2.5
Poolesville								
Quince Orchard	19	10.5	21.1	5.3	31.6	31.6	68.4	3.5
Rockville	14	7.1	42.9	21.4	21.4	7.1	50.0	2.8
Seneca Valley								
Sherwood	13	≤5.0	≤5.0	7.7	7.7	84.6	≥95.0	4.8
Springbrook								
Watkins Mill								
Wheaton			-					
Walt Whitman	40	≤5.0	7.5	25.0	22.5	40.0	87.5	3.9
Thomas S. Wootton	46	6.5	8.7	34.8	19.6	30.4	84.8	3.6

Table C19. 2023 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										
	N Exams	,		n Scores of 1, 2,		,	% Exam Scores 3 or	Mean Exam		
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score		
All Students	2,481	17.2	9.7	18.8	26.3	28.0	73.1	3.4		
Bethesda-Chevy Chase	163	22.7	14.7	25.2	21.5	16.0	62.6	2.9		
Montgomery Blair	127	16.5	10.2	14.2	26.8	32.3	73.2	3.5		
James Hubert Blake	71	26.8	12.7	22.5	23.9	14.1	60.6	2.9		
Winston Churchill	202	6.4	7.9	15.8	25.7	44.1	85.6	3.9		
Clarksburg HS	67	≤5.0	9.0	26.9	31.3	28.4	86.6	3.7		
Damascus	20	35.0	15.0	40.0	10.0	≤5.0	50.0	2.3		
Albert Einstein										
Gaithersburg	48	43.8	16.7	16.7	12.5	10.4	39.6	2.3		
Walter Johnson	236	5.9	≤5.0	14.0	30.5	44.9	89.4	4.0		
John F. Kennedy	47	55.3	19.1	6.4	14.9	≤5.0	25.5	1.9		
Col. Zadok Magruder	79	34.2	13.9	22.8	22.8	6.3	51.9	2.5		
Richard Montgomery	187	≤5.0	5.9	15.5	26.2	49.7	91.4	4.1		
Northwest	89	21.3	13.5	16.9	27.0	21.3	65.2	3.1		
Northwood	73	26.0	15.1	17.8	23.3	17.8	58.9	2.9		
Paint Branch	74	29.7	16.2	28.4	16.2	9.5	54.1	2.6		
Poolesville	122	10.7	≤5.0	15.6	36.1	33.6	85.2	3.8		
Quince Orchard	92	8.7	9.8	23.9	33.7	23.9	81.5	3.5		
Rockville	70	11.4	11.4	21.4	38.6	17.1	77.1	3.4		
Seneca Valley	19	63.2	5.3	5.3	15.8	10.5	31.6	2.1		
Sherwood	138	25.4	10.1	23.2	22.5	18.8	64.5	3.0		
Springbrook	72	47.2	11.1	16.7	13.9	11.1	41.7	2.3		
Watkins Mill										
Wheaton	99	31.3	13.1	20.2	22.2	13.1	55.6	2.7		
Walt Whitman	193	≤5.0	≤5.0	13.5	30.1	48.7	92.2	4.2		
Thomas S. Wootton	188	12.2	9.6	23.9	31.9	22.3	78.2	3.4		

Table C20. 2023 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	,		n Scores of 1, 2,		,	% Exam Scores 3 or	Mean Exam		
Tilgii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Score		
All Students	909	15.1	6.7	16.5	25.5	36.2	78.2	3.6		
Bethesda-Chevy Chase	30	46.7	10.0	≤5.0	26.7	13.3	43.3	2.5		
Montgomery Blair	119	≤5.0	≤5.0	10.1	26.9	56.3	93.3	4.3		
James Hubert Blake	13	61.5	15.4	23.1	≤5.0	≤5.0	23.1	1.6		
Winston Churchill	84	8.3	7.1	13.1	29.8	41.7	84.5	3.9		
Clarksburg	42	7.1	≤5.0	21.4	28.6	38.1	88.1	3.9		
Damascus	18	27.8	16.7	22.2	11.1	22.2	55.6	2.8		
Albert Einstein	18	22.2	11.1	33.3	22.2	11.1	66.7	2.9		
Gaithersburg	10	40.0	10.0	30.0	10.0	10.0	50.0	2.4		
Walter Johnson	68	10.3	8.8	26.5	32.4	22.1	80.9	3.5		
John F. Kennedy		-		-						
Col. Zadok Magruder				-						
Richard Montgomery	51	9.8	5.9	23.5	21.6	39.2	84.3	3.7		
Northwest	53	7.5	≤5.0	28.3	37.7	22.6	88.7	3.6		
Northwood	14	64.3	7.1	7.1	21.4	≤5.0	28.6	1.9		
Paint Branch	28	78.6	17.9	≤5.0	≤5.0	≤5.0	≤5.0	1.3		
Poolesville	106	6.6	5.7	14.2	26.4	47.2	87.7	4.0		
Quince Orchard	25	32.0	≤5.0	28.0	28.0	12.0	68.0	2.9		
Rockville	14	28.6	14.3	21.4	21.4	14.3	57.1	2.8		
Seneca Valley	15	20.0	6.7	33.3	20.0	20.0	73.3	3.1		
Sherwood										
Springbrook	28	42.9	21.4	14.3	≤5.0	17.9	35.7	2.3		
Watkins Mill										
Wheaton	24	12.5	8.3	37.5	12.5	29.2	79.2	3.4		
Walt Whitman	71	≤5.0	≤5.0	14.1	35.2	49.3	≥95.0	4.3		
Thomas S. Wootton	71	≤5.0	≤5.0	≤5.0	26.8	67.6	≥95.0	4.6		

Num	Table C21. 2023 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										
	N Exams	, ,		n Scores of 1, 2,			% Exam Scores 3 or	Mean			
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Higher	Exam Score			
All Students	2,043	11.6	19.3	31.6	22.9	14.6	69.1	3.1			
Bethesda-Chevy Chase	103	10.7	30.1	32.0	17.5	9.7	59.2	2.9			
Montgomery Blair	79	5.1	24.1	36.7	22.8	11.4	70.9	3.1			
James Hubert Blake	18	27.8	38.9	27.8	5.6	≤5.0	33.3	2.1			
Winston Churchill	325	5.5	14.8	36.3	27.4	16.0	79.7	3.3			
Clarksburg	76	5.3	14.5	19.7	80.3	3.4					
Damascus	44	13.6	47.7	34.1	≤5.0	≤5.0	38.6	2.3			
Albert Einstein	21	19.0	9.5	23.8	38.1	9.5	71.4	3.1			
Gaithersburg	36	25.0	30.6	27.8	5.6	11.1	44.4	2.5			
Walter Johnson	166	≤5.0	8.4	34.9	27.1	25.9	88.0	3.6			
John F. Kennedy	16	31.3	37.5	6.3	18.8	6.3	31.3	2.3			
Col. Zadok Magruder	10	20.0	30.0	10.0	20.0	20.0	50.0	2.9			
Richard Montgomery	140	6.4	15.0	22.1	27.1	29.3	78.6	3.6			
Northwest	89	6.7	20.2	46.1	20.2	6.7	73.0	3.0			
Northwood	36	44.4	30.6	16.7	8.3	≤5.0	25.0	1.9			
Paint Branch	78	37.2	25.6	28.2	9.0	≤5.0	37.2	2.1			
Poolesville	69	7.2	23.2	34.8	18.8	15.9	69.6	3.1			
Quince Orchard	63	9.5	27.0	30.2	27.0	6.3	63.5	2.9			
Rockville	49	12.2	28.6	28.6	22.4	8.2	59.2	2.9			
Seneca Valley	79	21.5	24.1	31.6	15.2	7.6	54.4	2.6			
Sherwood	31	6.5	29.0	25.8	19.4	19.4	64.5	3.2			
Springbrook	54	25.9	27.8	25.9	14.8	5.6	46.3	2.5			
Watkins Mill	18	33.3	38.9	11.1	11.1	5.6	27.8	2.2			
Wheaton	91	28.6	16.5	31.9	14.3	8.8	54.9	2.6			
Walt Whitman	147	≤5.0	5.4	36.1	38.1	18.4	92.5	3.7			
Thomas S. Wootton	205	8.8	15.1	28.8	25.9	21.5	76.1	3.4			

Table C22. 2023 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											
	N Exams	, , , , , , , , ,		m Scores of 1, 2,			% Exam	Mean			
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	Scores 3 or Higher	Exam Score			
All Students	942	≤5.0	6.1	22.9	34.7	35.7	93.3	4.0			
Bethesda-Chevy Chase	60	≤5.0	≤5.0	11.7	35.0	51.7	≥95.0	4.4			
Montgomery Blair	73	≤5.0	≤5.0	11.0	27.4	60.3	≥95.0	4.5			
James Hubert Blake	19	≤5.0	≤5.0	15.8	52.6	31.6	≥95.0	4.2			
Winston Churchill	40	≤5.0	≤5.0	17.5	35.0	45.0	≥95.0	4.2			
Clarksburg	14	≤5.0	14.3	28.6	50.0	7.1	85.7	3.5			
Damascus	20	≤5.0	≤5.0	45.0	35.0	20.0	≥95.0	3.8			
Albert Einstein	38	≤5.0	10.5	13.2	47.4	28.9	89.5	3.9			
Gaithersburg	27	≤5.0	7.4	29.6	51.9	11.1	92.6	3.7			
Walter Johnson	61	≤5.0	≤5.0	6.6	39.3	54.1	≥95.0	4.5			
John F. Kennedy	50	≤5.0	30.0	46.0	18.0	≤5.0	68.0	2.9			
Col. Zadok Magruder	30	≤5.0	≤5.0	23.3	40.0	33.3	≥95.0	4.0			
Richard Montgomery	114	≤5.0	≤5.0	28.9	28.9 39.5		≥95.0	3.9			
Northwest	41	≤5.0	12.2	43.9	34.1	≤5.0	82.9	3.2			
Northwood	34	≤5.0	11.8	23.5	26.5	38.2	88.2	3.9			
Paint Branch	16	6.3	18.8	37.5	18.8	18.8	75.0	3.3			
Poolesville	44	≤5.0	6.8	36.4	27.3	27.3	90.9	3.7			
Quince Orchard	23	≤5.0	≤5.0	21.7	26.1	52.2	≥95.0	4.3			
Rockville	33	≤5.0	6.1	24.2	36.4	33.3	93.9	4.0			
Seneca Valley	13	≤5.0	15.4	23.1	30.8	30.8	84.6	3.8			
Sherwood			-			-					
Springbrook	31	≤5.0	19.4	29.0	22.6	25.8	77.4	3.5			
Watkins Mill	18	≤5.0	≤5.0	16.7	55.6	27.8	≥95.0	4.1			
Wheaton	65	≤5.0	≤5.0	12.3	43.1	44.6	≥95.0	4.3			
Walt Whitman	53	≤5.0	≤5.0	15.1	24.5	60.4	≥95.0	4.5			
Thomas S. Wootton	25	≤5.0	≤5.0	24.0	32.0	44.0	≥95.0	4.2			

Appendix D

Table D1. 2023 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													
1, 2, 3, 4, 5, 6, 8		e 10 Most Frequ	iently Taken Inte			• •							
IB Exam by Subject Area	N		T -	% of Exan	Scores 1, 2, 3,	4, 5, 6, or 7	Τ .	_					
	Exams	1	2	3	4	5	6	7					
English													
English A: Language and Literature	411	≤5.0	≤5.0	13.9	29.0	22.4	26.5	7.1					
English A: Literature	150	≤5.0	8.0	16.0	23.3	31.3	20.7	≤5.0					
Mathematics													
Mathematics: Analysis and Approaches	320 ≤5.0 16.6 18.4 19.7 24.1 12.8 ≤5.0												
Mathematics: Applications and Interpretation	137	10.2	37.2	18.2	17.5	9.5	7.3	≤5.0					
Science													
Biology	174	≤5.0	10.3	30.5	20.1	24.1	12.6	≤5.0					
Environmental Systems and Societies	225	≤5.0	13.3	23.1	20.9	16.4	15.6	6.2					
Physics	130	5.4	23.8	21.5	16.9	11.5	10.8	10.0					
Social Studies													
History	348	≤5.0	7.2	10.3	17.5	33.0	27.9	≤5.0					
Psychology	171	≤5.0	18.7	24.0	25.1	15.8	11.1	≤5.0					
Foreign Language													
Spanish B	264	≤5.0	≤5.0	≤5.0	19.3	30.3	34.5	10.2					

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. 20	Table D2. 2023 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																	
	Hig	gher for	the 10 N	Iost Free	uently 7	Taken In	ternation	nal Bacca	alaureate	e Exams	by Subj	ect Area	and Rac	ce/Ethnic	city			
	A	ll Studer	nts		Asian		Blacko	r African A	merican	His	panic/La	tino	Two	or More	Races		White	
AP Exam by Subject Area	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	411	349	84.9			≥95.0	102	80	78.4	84	55	65.5	26	23	88.5			≥95.0
English A: Literature	150	113	75.3	38	32	84.2	24	13	54.2	28	9	32.1			90.9		-	≥95.0
Mathematics																		
Mathematics: Analysis and Approaches	320	192	60.0	95	75	78.9	49	20	40.8	51	11	21.6	26	17	65.4	98	68	69.4
Mathematics: Applications and Interpretation	137	47	34.3	22	8	36.4	38	4	10.5	28	7	25.0				42	25	59.5
Science																		
Biology	174	100	57.5	44	31	70.5	33	10	30.3	27	10	37.0			66.7	55	39	70.9
Environmental Systems and Societies	225	133	59.1	37	30	81.1	39	12	30.8	41	15	36.6	21	15	71.4	86	61	70.9
Physics	130	64	49.2	36	21	58.3	28	4	14.3			12.5				42	31	73.8
Social Studies																		
History	348	283	81.3	73	68	93.2	60	37	61.7	56	33	58.9	22	20	90.9	137	125	91.2
Psychology	171	92	53.8			65.0	36	21	58.3	53	18	34.0			46.2	48	33	68.8

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 July 2023. 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.

36

85.7

≥95.0

91.7

≥95.0

42

264

249

94.3

Foreign Language

Spanish B

≥95.0

	Table D3. 2023 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											
***	N Exams		, ,	% Exam Scores 4 or	Mean Exam							
High School	Taken	% Score 1	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7 Score 1 % Score 2 % Score 3 % Score 4 % Score 5 % Score 6 % Score 7									
All Students	411	≤5.0	≤5.0	13.9	29.0	22.4	26.5	7.1	84.9	4.8		
Bethesda-Chevy Chase	117											
Albert Einstein												
John F. Kennedy	18	≤5.0	≤5.0	72.2	27.8	≤5.0	≤5.0	≤5.0	27.8	3.3		
Richard Montgomery	84	≤5.0	≤5.0	≤5.0	13.1	36.9	41.7	6.0	≥95.0	5.4		
Rockville	24	≤5.0	≤5.0	≤5.0	20.8	37.5	25.0	12.5	≥95.0	5.2		
Seneca Valley	31	≤5.0	≤5.0	12.9	64.5	19.4	≤5.0	≤5.0	87.1	4.1		
Springbrook	43	43 ≤ 5.0										
Watkins Mill	94	≤5.0	≤5.0	37.2	51.1	6.4	≤5.0	≤5.0	58.5	3.6		

	Table D4. 2023 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												
Tr 1 C 1 1	N Exams		% Exam	Mean									
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	150	≤5.0	8.0	16.0	23.3	31.3	20.7	≤5.0	75.3	4.4			
Bethesda-Chevy Chase													
Albert Einstein	44	≤5.0	≤5.0	≤5.0	36.4	40.9	20.5	≤5.0	≥95.0	4.8			
John F. Kennedy	27	≤5.0	40.7	44.4	11.1	≤5.0	≤5.0	≤5.0	11.1	2.6			
Richard Montgomery	46	≤5.0	≤5.0	≤5.0	8.7	45.7	43.5	≤5.0	≥95.0	5.3			
Rockville										-			
Seneca Valley	33	≤5.0	≤5.0	30.3	36.4	24.2	6.1	≤5.0	66.7	4.0			
Springbrook										1			
Watkins Mill													

	Table D5. 2023 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												
*** 1 0 1 1	N Exams		% Exam	Mean									
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	320	≤5.0	16.6	18.4	19.7	24.1	12.8	≤5.0	60.0	3.9			
Bethesda-Chevy Chase	43	≤5.0	7.0	7.0	30.2	34.9	16.3	≤5.0	86.0	4.6			
Albert Einstein	33	≤5.0	36.4	24.2	15.2	12.1	9.1	≤5.0	36.4	3.2			
John F. Kennedy	20	20.0	35.0	40.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	2.3			
Richard Montgomery	119	≤5.0	≤5.0	7.6	21.8	39.5	23.5	7.6	92.4	5.0			
Rockville	18	5.6	44.4	44.4	5.6	≤5.0	≤5.0	≤5.0	5.6	2.5			
Seneca Valley	17	≤5.0	35.3	35.3	17.6	5.9	5.9	≤5.0	29.4	3.1			
Springbrook	44	20.5	22.7	15.9	22.7	18.2	≤5.0	≤5.0	40.9	3.0			
Watkins Mill	26	≤5.0	26.9	38.5	15.4	7.7	7.7	≤5.0	30.8	3.2			

	Table D6. 2023 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	Dadins Taken, I	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7										
High School	Taken	% Score 1 % Score 2 % Score 3 % Score 4 % Score 5 % Score 6 % Score 7	Scores 4 or Higher	Exam Score									
All Students	137	10.2	37.2	18.2	17.5	9.5	7.3	≤5.0	34.3	3.0			
Bethesda-Chevy Chase	36	≤5.0	13.9	27.8	33.3	16.7	8.3	≤5.0	58.3	3.8			
Albert Einstein													
John F. Kennedy													
Richard Montgomery	15	≤5.0	13.3	6.7	33.3	20.0	26.7	≤5.0	80.0	4.4			
Rockville	11	≤5.0	27.3	9.1	18.2	18.2	27.3	≤5.0	63.6	4.1			
Seneca Valley													
Springbrook	37	21.6	64.9	10.8	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	1.9			
Watkins Mill	22	18.2	50.0	27.3	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	2.2			

4.0

3.0

2.6

Num	Table D7. 2023 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	, , ,	% Exam Scores of 1, 2, 3, 4, 5, 6, or 7										
rigii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	174	≤5.0	10.3	30.5	20.1	24.1	12.6	≤5.0	57.5	3.9			
Bethesda-Chevy Chase	45	≤5.0	≤5.0	35.6	24.4	35.6	≤5.0	≤5.0	62.2	4.0			
Albert Einstein	12	≤5.0	25.0	41.7	8.3	8.3	16.7	≤5.0	33.3	3.5			
John F. Kennedy						-				-			
Richard Montgomery	46	≤5.0	≤5.0	10.9	19.6	32.6	34.8	≤5.0	89.1	5.0			
Rockville	14	≤5.0	7.1	14.3	28.6	42.9	7.1	≤5.0	78.6	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 IB exams. For groups of between 10 and 20 IB exams, only the percentage rate will be reported.

15.4

25.0

16.0

23.1

≤5.0

< 5.0

15.4

≤5.0

< 5.0

≤5.0

≤5.0

< 5.0

53.8

25.0

16.0

38.5

50.0

44.0

7.7

25.0

28.0

	Table D8. 2023 MCPS International Baccalaureate Environmental Systems and Societies:												
Num	Number of Exams Taken; Percentage of Exam Scores of 1, 2, 3, 4, 5, 6, and 7; and Mean Exam Score by High School												
	N Exams		% Exam Scores of 1, 2, 3, 4, 5, 6, or 7										
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	225	≤5.0	13.3	23.1	20.9	16.4	15.6	6.2	59.1	4.0			
Bethesda-Chevy Chase	28	≤5.0	≤5.0	10.7	35.7	35.7	14.3	≤5.0	89.3	4.6			
Albert Einstein	70	7.1	21.4	42.9	20.0	5.7	≤5.0	≤5.0	28.6	3.0			
John F. Kennedy							-			1			
Richard Montgomery	48	≤5.0	≤5.0	≤5.0	6.3	18.8	47.9	25.0	≥95.0	5.9			
Rockville	21	≤5.0	≤5.0	14.3	28.6	28.6	19.0	≤5.0	81.0	4.6			
Seneca Valley	20	≤5.0	≤5.0	25.0	45.0	20.0	10.0	≤5.0	75.0	4.2			
Springbrook	14	7.1	35.7	28.6	21.4	7.1	≤5.0	≤5.0	28.6	2.9			
Watkins Mill	18	22.2	38.9	27.8	5.6	5.6	≤5.0	≤5.0	11.1	2.3			

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 \geq 95.0 or \leq 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.

13

16 25 ≤5.0

≤5.0

12.0

Seneca Valley

Springbrook

Watkins Mill

	Table D9. 2023 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		% Exam Scores 4 or	Mean Exam									
Trigii School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Higher	Score			
All Students	130	5.4	23.8	21.5	16.9	11.5	10.8	10.0	49.2	3.8			
Bethesda-Chevy Chase	19	≤5.0	5.3	15.8	47.4	10.5	10.5	10.5	78.9	4.4			
Albert Einstein	14	≤5.0	14.3	50.0	28.6	7.1	≤5.0	≤5.0	35.7	3.3			
John F. Kennedy													
Richard Montgomery	48	≤5.0	≤5.0	12.5	16.7	22.9	25.0	22.9	87.5	5.3			
Rockville													
Seneca Valley	19	5.3	47.4	42.1	≤5.0	5.3	≤5.0	≤5.0	5.3	2.5			
Springbrook													
Watkins Mill	23	17.4	60.9	17.4	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	2.1			

	Table D10. 2023 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 WE Exam Scores of 1, 2, 3, 4, 5, 6, or 7 WE Exam Scores of 1, 2, 3, 4, 5, 6, or 7												
High School	N Exams		% Exam Scores of 1, 2, 3, 4, 5, 6, or 7										
	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	348	≤5.0	7.2	10.3	17.5	33.0	27.9	≤5.0	81.3	4.7			
Bethesda-Chevy Chase	81	≤5.0	≤5.0	≤5.0	23.5	44.4	25.9	≤5.0	≥95.0	5.0			
Albert Einstein	35	≤5.0	≤5.0	11.4	20.0	48.6	17.1	≤5.0	85.7	4.7			
John F. Kennedy	12	≤5.0	41.7	41.7	16.7	≤5.0	≤5.0	≤5.0	16.7	2.8			
Richard Montgomery	130	≤5.0	≤5.0	≤5.0	≤5.0	39.2	49.2	6.2	≥95.0	5.5			
Rockville	11	≤5.0	≤5.0	9.1	18.2	36.4	36.4	≤5.0	90.9	5.0			
Seneca Valley	13	≤5.0	≤5.0	23.1	61.5	7.7	7.7	≤5.0	76.9	4.0			
Springbrook	27	≤5.0	14.8	29.6	29.6	22.2	≤5.0	≤5.0	55.6	3.7			
Watkins Mill	39	7.7	33.3	33.3	25.6	≤5.0	≤5.0	≤5.0	25.6	2.8			

	Table D11. 2023 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												
II. 1 C 1 1	N Exams	,	% Exam	Mean									
High School	Taken	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	171	≤5.0	18.7	24.0	25.1	15.8	11.1	≤5.0	53.8	3.7			
Bethesda-Chevy Chase	24	≤5.0	≤5.0	≤5.0	12.5	50.0	29.2	≤5.0	91.7	5.0			
Albert Einstein	27	≤5.0	33.3	51.9	7.4	7.4	≤5.0	≤5.0	14.8	2.9			
John F. Kennedy										-			
Richard Montgomery										1			
Rockville	22	≤5.0	≤5.0	≤5.0	22.7	18.2	36.4	13.6	90.9	5.2			
Seneca Valley	20	≤5.0	≤5.0	20.0	50.0	≤5.0	20.0	≤5.0	75.0	4.2			
Springbrook	20	≤5.0	35.0	20.0	40.0	≤5.0	≤5.0	≤5.0	40.0	3.0			
Watkins Mill	58	8.6	22.4	29.3	25.9	13.8	≤5.0	≤5.0	39.7	3.1			

	Table D12. 2023 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		% Exam Scores of 1, 2, 3, 4, 5, 6, or 7										
High School	Taken % 5	% Score 1	% Score 2	% Score 3	% Score 4	% Score 5	% Score 6	% Score 7	Scores 4 or Higher	Exam Score			
All Students	264	≤5.0	≤5.0	≤5.0	19.3	30.3	34.5	10.2	94.3	5.2			
Bethesda-Chevy Chase	49	≤5.0	≤5.0	≤5.0	10.2	24.5	38.8	22.4	≥95.0	5.7			
Albert Einstein	14	≤5.0	≤5.0	7.1	21.4	35.7	35.7	≤5.0	92.9	5.0			
John F. Kennedy	19	≤5.0	≤5.0	15.8	26.3	31.6	26.3	≤5.0	84.2	4.7			
Richard Montgomery	68	≤5.0	≤5.0	≤5.0	≤5.0	36.8	52.9	8.8	≥95.0	5.7			
Rockville	15	≤5.0	6.7	6.7	33.3	6.7	33.3	13.3	86.7	4.9			
Seneca Valley	24	≤5.0	≤5.0	≤5.0	29.2	29.2	25.0	16.7	≥95.0	5.3			
Springbrook	46	≤5.0	≤5.0	6.5	34.8	28.3	23.9	6.5	93.5	4.9			
Watkins Mill	29	≤5.0	≤5.0	10.3	31.0	37.9	13.8	≤5.0	86.2	4.6			