


Office of the Superintendent of Schools  
MONTGOMERY COUNTY PUBLIC SCHOOLS  
Rockville, Maryland

August 5, 2020

MEMORANDUM

To: Members of the Board of Education

From: Jack R. Smith, Superintendent of Schools 

Subject: Update on the Centers for Enriched Studies and Secondary Regional/Countywide Application Program Admission Results

This memorandum provides the annual update on the Centers for Enriched Studies (CES) and Secondary Regional/Countywide Application Program Admission Results during the 2019–2020 school year.

Montgomery County Public Schools (MCPS) in recent years has expanded its enriched and accelerated programming and career readiness programs at the elementary and secondary school levels. These thematic regional/countywide programs are designed to either provide an instructional program to highly able students to meet their instructional needs and/or provide access to unique state/national/international curriculum designed to meet students' interests and prepare them for future college and career opportunities.

As an essential component of increasing access to enriched curriculum, and in response to two studies regarding programming—the 2016 Metis Report (*Study of Choice & Special Academic Programs*) and Education Strategy Group (September 2017 Career Readiness External Review)—MCPS has expanded enrichment opportunities and regional/countywide programming throughout the system in recent years. MCPS opened five additional elementary Centers for Enriched Studies programs, broadened enrichment and acceleration programming at every middle school with two enriched courses, and tripled its high school regional/countywide application programs. Further information regarding the elementary and secondary regional/countywide programs may be accessed on the [MCPS website](#).

Engaging and preparing students and parents/guardians to explore and be prepared for these opportunities begins with an engagement and talent development plan. All programs are made available on MCPS websites in multiple languages and parent/guardian/student information meetings are made available in English and Spanish. In addition, targeted recruiting efforts are supported by the schools and the MCPS Community Engagement teams.

## **Talent Development**

The talent development work provides the foundation and is paramount in our work for establishing more equitable access for enrichment and acceleration for our students. The divisions of Title I and Early Childhood Programs and Services, Consortia Choice and Application Program Services, and Accelerated and Enriched Instruction have partnered to implement the Extended Learning Opportunities Summer Title I Enrichment program (ELO STEP). ELO STEP, an enrichment program for Grades 3, 4, and 5 students, was implemented in summer 2015. During summer 2019, more than 1,000 students participated. The program is designed to nurture critical and creative thinking skills through engaging, hands-on, and challenging instruction. Additionally, MCPS continued its partnerships with the Young Scholars program and The George B. Thomas, Sr. Learning Academy, Inc. to support students working above grade level who demonstrate the potential to successfully participate in the most challenging MCPS academic programs. This effort builds parent/guardian and student awareness and works to develop our earliest learners' knowledge and skills for enrichment and acceleration. These students are invited to the CES program at a rate of 15 percent compared to the general student invitation rate of 12 percent.

## **Early Engagement and Exploration**

In addition, MCPS offers middle school summer career readiness camps to engage students in the numerous programs and showcase the wide variety of career readiness opportunities available for students in high school. All middle school students and their families receive information on the career readiness camps, which are located at two different high school sites. The camp programs feature half-day, one-week project-based exploration experiences. These experiences include culinary arts, graphic design, and health professions. Nearly 400 students participated during summer 2019 and 100 percent of parents/guardians responded that it was a meaningful experience for their student and 97 percent of parents/guardians would encourage their child to take one or two of the courses in high school that they experienced during camp. Students also begin career exploration in middle school using Naviance, a web-based program that supports students in exploring and developing their postsecondary plans. The Naviance program addresses four key areas of college and career readiness available to students beginning in Grade 6, with numerous tools for support and planning through Grade 12.

## **CES and the Middle School Admission Process**

A multidisciplinary committee regularly meets to share, research, and explore practices from school districts across the nation and implement upgrades to the process as a part of MCPS' continuous improvement efforts for the elementary, middle, and high school magnet programs. Metis Associates, commissioned in 2015 by MCPS, provided findings and recommendations for both elementary and secondary programs and the admission process in March 2016. MCPS implemented a field test for the elementary selection process during the 2016–2017 school year and for the middle school process during the 2017–2018 school year.

The following are key aspects fully adopted by magnet admission process:

- Implemented a universal review process during which each Grade 3 and Grade 5 student is reviewed;
- Moved from a parent/guardian-initiated application process to a districtwide-initiated review process of all Grades 3 and 5 students within the elementary schools;
- Removed, based on research, overreliance on teacher and school recommendations;
- Transitioned to an online assessment that allows for receipt of results within 24 hours;
- Transitioned from a paper file selection process to an electronic review process that facilitated a more efficient review process;
- Implemented a name and school blind review (process always was race blind);
- Considered the academic peer group at the home school (Grade 3 elementary school and Grade 5 middle school) in relation to the student’s instructional need; and
- Applied (MCPS) normed percentiles for students rather than national percentiles.

The universal review process for both the elementary and middle school magnet programs yielded evidence that there are highly able students in all neighborhoods and all zip codes. As a result, enriched programming needed to expand. Expansion of enrichment in the elementary schools included expansion of additional regional and local CES sites in 2018–2019 and implementing the Enriched Literacy Curriculum, which currently is in place at 43 identified elementary schools for 2020–2021. Expansion in the middle school included implementing two enriched courses at each of the middle schools (with the exception of whole school magnet programs at Argyle, A. Mario Loiederman, and Parkland middle schools, whose curriculum currently offers enriched and accelerated programming). These enriched courses now are available to students in Grades 6–8.

Initial data reflect that 4,409 Grade 6 students are enrolled in the Applied Investigations in Mathematics course and/or Historical Inquiry into Global Humanities courses for the 2020–2021 school year, an 11 percent increase from last year. Grade 6 students are accessing enriched and accelerated programming in greater numbers. A snapshot of the demographics is included in the following chart.

<b>Demographics</b>	<b>Asian</b>	<b>Black or African American</b>	<b>Hispanic/Latino</b>	<b>Two or More Races</b>	<b>White</b>	<b>Ever-FARMS</b>
Percent of rising Grade 6 students enrolled in at least one of the enriched courses	22%	15%	18%		37%	28%

FARMS=Free and Reduced-price Meals System

It should be noted that the Middle School Magnet Consortium (interest-based program) placement data were shared in the April 29, 2020, memorandum to the Board of Education, entitled: Middle School Magnet Consortium Student Assignment Process—Round 1 Results.

### **Regional/Countywide Application Programs**

Building off the momentum and successful efforts from the elementary and middle school admission and programming models, the expansion efforts extended into regional/countywide high school application admissions and programming. In recent years, MCPS tripled the number of its regional/countywide application programs, centralized the admission process for all programs, and streamlined the outreach and application process. Identification and expansion of programs was driven by data regarding programs of high interest, labor force career readiness data and recommendations, and parent/guardian/student feedback on access such as transportation and location of host schools.

During the 2017–2020 school years, MCPS expanded the following programming:

- Project Lead The Way, Gaithersburg High School;
- Pathways in Network and Information Technology Program (P-TECH), Clarksburg High School;
- Aviation, Col. Zadok Magruder High School; and
- Montgomery College Middle College, Northwest and Northwood high schools.

Parents/guardians and Grade 8 students also received a personalized special program report in their *myMCPS* portal that outlined all the eligible programs for which they were able to apply. This information was available in both English and Spanish.

The expanded programs offered for school year 2020–2021 include:

- International Baccalaureate programs at John F. Kennedy, Springbrook, and Watkins Mill high schools;
- Career readiness programs at Seneca Valley High School, debuting a new building with cutting-edge design for its new programs;
- Career readiness programs through the school partnerships at Wheaton High School and Thomas Edison High School of Technology; and
- International Baccalaureate career programs at Rockville High School.

In addition, the admission process for the following programs was centralized this year:

- Leadership Training Institute at John F. Kennedy High School;
- Communication Arts Program at Montgomery Blair High School; and
- Two Project Lead the Way Programs—Engineering and Biomedical Sciences at Wheaton High School.

Along with the parent/guardian/student's personalized special report available in the *myMCPS* portal, a personalized application link for which each student could apply to regional/countywide programming was included. Therefore, every Grade 8 student could

easily apply to a regional/countywide program electronically. Some students were eligible for as many as 18 programs.

### *Interest-based Programs*

Interest-based programs use a lottery process to place students in programs. Eligibility requirements and transportation options vary for each program. A lottery is used if there are more requests for seats than available, and in all cases, a set of students are placed in available program seats while all others receive a wait list number.

### *Criteria-based Programs*

The high school criteria-based programs admissions process involves a student application and a review of multiple measures, including teacher recommendations and a student essay, to determine placement. As a continuation of last year's efforts, the review process used a name and school blind review (process always was race blind), administered an online assessment that allows for receipt of results within 24 hours, and transitioned from a paper file review process to an electronic review process that facilitated a more efficient review process. Students were able to apply to both criteria- and interest-based programs, and the results for each have sizable wait pools and waitlists, respectively. As vacancies occur, students will be invited from the wait pool and/or waitlist.

The Metis and Education Strategy Group reports have provided informative guidance on the system's approach to student opportunities. Expanding both interest- and criteria-based programs, streamlining the outreach process, and centralizing admissions resulted in an approximate 50 percent increase in the high school regional/countywide applications. With more than 3,000 Grade 8 students applying, 51 percent were female, 22 percent were Black or African American, 19 percent were Hispanic/Latino, and 34 percent were receiving FARMS services. These data reflect that expanding high school programming options has drawn more student interest from many of our targeted groups.

## **Conclusion**

MCPS is committed to increasing enriched programming for students from all backgrounds. To that end, there have been efforts to evaluate and modify the mechanisms that exist for students to access enrichment and acceleration and career readiness programs. The Metis and the Education Strategy Group reports have provided an impetus for these efforts along with our parent/guardian/student and community partners. Examining and operationalizing the findings and recommendations of the report is a multiyear effort—beginning with our earliest learners.

Placement data charts for CES and secondary regional/countywide programs are attached. Data include the number of applicants by race, number of students initially invited by race, percentage of total number of students considered by race/ethnicity, percentage of total number

of students invited by race/ethnicity, and percentage of racial/ethnic group invited for those who were considered. The total number of students invited often exceeds the number of available seats, as some students decline the invitation. The information presented reflects a three-year span and for new programs, a one-year span.

Although most students continue to choose their local high school and its programming, MCPS is committed to strengthening and building local and regional programming to ensure students have multiple options for enrichment and acceleration. MCPS has doubled the number of regional/countywide program seats in the past five years as enrollment and interest grows.

While targeted parent/guardian/student engagement and the modifications to the elementary and secondary school outreach and admission process have yielded promising results and identified thousands of students to receive enriched and accelerated programming, they also have revealed institutional barriers and gaps in the preparation students receive prior to the admission process for accessing enriched and accelerated instruction. We remain committed to the continuous improvement process, to improve and expand talent development, and to expand and refine programming to ensure that MCPS meets the needs of all learners.

If you have any questions, please contact Mrs. Niki T. Hazel, associate superintendent for curriculum and instructional programs, Office of Teaching, Learning, and Schools, via e-mail.

JRS:MBM:JSW:NTH:etc

Attachment

Copy to:  
Executive Staff  
Ms. Webb



# ROBERTO W. CLEMENTE MIDDLE SCHOOL

## Mathematics, Science, Computer Science Magnet Program

### 2018–2020

Mathematics, Science, Computer Science	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Considered	≤10	≤10	≤10	280	606	532	99	511	486	53	628	640	34	138	153	≤10	≤10	≤10	88	597	614	557	2488	2433
# of Students Invited	≤10	≤10	≤10	55	48	40	≤10	≤10	13	≤10	≤10	10	≤10	≤10	≤10	≤10	≤10	≤10	12	19	19	86	84	90
% Considered of TOTAL Considered	--	--	--	50.3%	24.4%	21.9%	17.8%	20.5%	20.0%	9.5%	25.2%	26.3%	6.1%	5.5%	6.3%	--	--	--	15.8%	24.0%	25.2%			
% Invited of TOTAL Invited	--	--	--	64.0%	57.1%	44.4%	--	--	14.4%	--	--	11.1%	--	--	--	--	--	--	14.0%	22.6%	21.1%			
% of Ethnic Group Invited	--	--	--	19.6%	7.9%	7.5%	--	1.0%	2.7%	--	1.3%	1.6%	--	2.9%	4.6%	--	--	--	13.6%	3.2%	3.1%			
% TOTAL Invited of TOTAL Considered																					15.4%	3.4%	3.7%	

	Year	Considered	Invited
Private School Applicants	2018	≤10	≤10
	2019	≤10	≤10
	2020	≤10	≤10

	Year	Considered	Invited
Students Receiving Free and Reduced-price Meals System (FARMS) Services	2018	136	≤10
	2019	1040	14
	2020	1021	25

Race is unknown for private school applicants and is not included in total



# EASTERN MIDDLE SCHOOL

## Humanities and Communications Magnet Program

2018–2020

Humanities and Communication	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total*		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Considered	≤10	≤10	≤10	689	848	785	840	860	982	982	1009	1140	238	251	302	≤10	≤10	≤10	1230	1472	1672	3989	4445	4890
# of Students Invited	≤10	≤10	≤10	26	38	45	21	20	21	23	18	15	15	12	18	≤10	≤10	≤10	56	82	89	142	170	188
% Considered of TOTAL Considered	--	--	--	17.3%	19.1%	16.1%	21.1%	19.3%	20.1%	24.6%	22.7%	23.3%	6.0%	5.6%	6.2%	--	--	--	30.8%	33.1%	34.2%			
% Invited of TOTAL Invited	--	--	--	18.3%	22.4%	23.9%	14.8%	11.8%	11.2%	16.2%	10.6%	8.0%	10.6%	7.1%	9.6%	--	--	--	39.4%	48.2%	47.3%			
% of Ethnic Group Invited	--	--	--	3.8%	4.5%	5.7%	2.5%	2.3%	2.1%	2.3%	1.8%	1.3%	6.3%	4.8%	6.0%	--	--	--	4.6%	5.6%	5.3%			
% TOTAL Invited of TOTAL Considered																					3.6%	3.8%	3.8%	

	Year	Applied	Invited
Private School Applicants	2018	28	≤10
	2019	28	≤10
	2020	24	≤10

	Year	Considered	Invited
Students Receiving Free and Reduced-price Meals System (FARMS) Services	2018	1533	27
	2019	1554	28
	2020	1747	27

Race of private school students is unknown and is not included in total

**DR. MARTIN L. KING JR. MIDDLE SCHOOL**  
**Humanities and Communications Magnet Program**  
 2018–2020

Humanities and Communications	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total*		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Considered	≤10	≤10	≤10	199	606	532	67	511	486	33	628	640	21	138	153	≤10	≤10	≤10	71	598	614	394	2489	2433
# of Students Invited	≤10	≤10	≤10	56	38	33	≤10	14	17	≤10	≤10	20	≤10	≤10	14	≤10	≤10	≤10	16	30	51	95	98	136
% Considered of TOTAL Considered	--	--	--	50.5%	24.3%	21.9%	17.0%	20.5%	20.0%	8.4%	25.2%	26.3%	5.3%	5.5%	6.3%	--	--	--	18.0%	24.0%	25.2%			
% Invited of TOTAL Invited	--	--	--	58.9%	38.8%	24.3%	--	14.3%	12.5%	--	--	14.7%	--	8.2%	10.3%	--	--	--	16.8%	30.6%	37.5%			
% of Ethnic Group Invited	--	--	--	28.1%	6.3%	6.2%	--	2.7%	3.5%	--	1.3%	3.1%	--	5.8%	9.2%	--	--	--	22.5%	5.0%	8.3%			
%TOTAL Invited of TOTAL Considered																					24.1%	3.9%	5.6%	

	Year	Considered	Invited
Private School Applicants	2018	≤10	≤10
	2019	≤10	≤10
	2020	≤10	≤10

	Year	Considered	Invited
Students Receiving Free and Reduced-price Meals System (FARMS) Services	2018	≤10	≤10
	2019	#	18
	2020	#	41

Race of private school applicants is unknown and not included in total

**TAKOMA PARK MIDDLE SCHOOL**  
**Mathematics, Science, Computer Science Magnet Program**

2018–2020

Mathematics, Science, Computer Science	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total*		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Considered	≤10	≤10	≤10	689	853	785	840	860	982	982	1009	1140	238	251	302	≤10	≤10	≤10	1230	1473	1672	3989	4446	4890
# of Students Invited	≤10	≤10	≤10	43	44	52	19	22	18	12	11	16	≤10	≤10	10	≤10	≤10	≤10	53	69	61	137	157	147
% Considered of TOTAL Considered	--	--	--	17.3%	19.2%	16.1%	21.1%	19.3%	20.1%	24.6%	22.7%	23.3%	6.0%	5.6%	6.2%	--	--	--	30.8%	33.1%	34.2%			
% Invited of TOTAL Invited	--	--	--	31.4%	28.0%	35.4%	13.9%	14.0%	12.2%	8.8%	7.0%	10.9%	--	--	6.8%	--	--	--	38.7%	43.9%	41.5%			
% of Ethnic Group Invited	--	--	--	6.2%	5.2%	6.6%	2.3%	2.6%	1.8%	1.2%	1.1%	1.4%	3.8	4	3.3%	--	--	--	4.3%	4.7%	3.6%			
% TOTAL Invited of TOTAL Considered																					3.4%	3.5%	3.0%	

	Year	Applied	Invited
Private School Applicants	2018	28	≤10
	2019	28	≤10
	2020	31	≤10

	Year	Considered	Invited
Students Receiving Free and Reduced-price Meals System (FARMS) Services	2018	1533	28
	2019	1554	28
	2020	1747	33

Race is unknown for private school applicants and is not included in total

# MONTGOMERY BLAIR HIGH SCHOOL

## Science, Mathematics, Computer Science Magnet Program Communication Arts Program 2018–2020

Science, Mathematics, Computer Science	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	263	290	290	106	112	122	37	53	47	35	45	48	≤10	≤10	≤10	178	140	185	618	640	722
# of Students Invited	≤10	≤10	≤10	86	82	78	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	37	25	34	144	134	139
% Applied of TOTAL Applied	--	--	--	42.6%	45.3%	40.2%	17.0%	17.5%	16.9%	6.0%	8.3%	6.5%	5.7%	7.0%	6.6%	--	--	--	28.8%	21.9%	25.6%			
% Invited of TOTAL Invited	--	--	--	59.7%	61.2%	62.4%	--	6.7%	5.60%	--	--	4.0%	--	--	5.8%	--	--	--	25.7%	18.7%	27.2%			
% TOTAL Invited of TOTAL Applied																					23.3%	20.9%	19.3%	

Private School Applicants	Year	2018	2019	2020	Students Receiving Free and Reduced- price Meals System (FARMS) Services	Year	2018	2019	2020
	Applied	25	45	45		Applied	151	164	144
	Invited	≤10	≤10	11		Invited	14	≤10	≤10

Communication Arts Program	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific Islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	47	50	28	31	≤10	171	329
# of Students Invited	≤10	24	15	≤10	14	≤10	53	104
% Applied of TOTAL Applied	--	14.4%	15.3%	8.6%	9.5%	--	52.3%	
% Invited of TOTAL Invited	--	24.5%	15.3%	5.1%	13.5%	--	54.1%	
%TOTAL Invited of TOTAL Applied								32.2%

Private School Applicants	Year	2020
	Applied	13
	Invited	≤10

Race is unknown for private school students and not included in total

Students Receiving FARMS Services	Year	2020
	Applied	49
	Invited	≤10

\*Race is unknown for private school students, and therefore not included in total.

# RICHARD MONTGOMERY HIGH SCHOOL

International Baccalaureate Magnet Program, Countywide International Baccalaureate  
2018–2020

International Baccalaureate	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	516	504	509	139	129	128	103	99	62	62	59	56	≤10	≤10	≤10	233	241	258	1054	1032	1056
# of Students Invited	≤10	≤10	≤10	114	110	138	22	15	≤10	11	13	≤10	13	12	17	≤10	≤10	≤10	34	54	62	194	204	228
% Applied of TOTAL Applied	--	--	--	49.0%	48.8%	48.70%	13.2%	12.5%	11.6	9.8%	9.6%	8.4%	5.9%	5.7%	5.60%	--	--	--	22.1%	23.4%	25.5			
% Invited of TOTAL Invited	--	--	--	58.8%	48.8%	57.6%	11.3%	7.4%	--	5.7%	6.4%	--	6.7%	5.7%	7.7%	--	--	--	17.5%	23.4%	26.7%			
% of Ethnic Group Invited	--	--	--	21.1%	21.8%	25.9%	15.8%	11.6%	6.9%	10.7%	13.1%	11.9%	21.0%	20.3%	30.4%	--	--	--	14.6%	22.4%	23.1			
% TOTAL Invited of TOTAL Applied																					18.4%	19.6%	21.6%	

Private School	Year	Applied	Invited
	2018	26	≤10
	2019	65	≤10
	2020	54	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	Applied	Invited
	2018	≤10	≤10
	2019	≤10	≤10
	2020	149	16

Race is unknown for private school students and therefore not included in total

# POOLESVILLE HIGH SCHOOL

## Global Ecology; Humanities; Science, Mathematics, Computer Science Project Lead the Way Biomedical Sciences 2018–2020

Global Ecology	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total				
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019
# of Students Applied	≤10	≤10	≤10	289	332	318	47	57	43	38	42	42	25	28	31	≤10	≤10	≤10	158	194	142	583	654	577		
# of Students Invited	≤10	≤10	≤10	77	84	71	≤10	11	≤10	≤10	≤10	13	≤10	≤10	13	≤10	≤10	≤10	38	41	40	144	148	143		
% Applied of TOTAL Applied	--	--	--	49.6%	50.8%	55.1%	8.1%	8.7%	7.5%	6.5%	6.4%	7.3%	4.3%	4.3%	5.4%	--	--	--	27.1%	29.7%	24.6%					
% Invited of TOTAL Invited	--	--	--	53.5%	56.8%	49.7%	--	7.4%	--	--	--	9.1%	--	--	9.1%	--	--	--	26.4%	27.7%	28.0%					
% TOTAL Invited of TOTAL Applied																						24.7%	22.6%	24.8%		

Private School Applicants	Year	2018	2019	2020
	Applied	25	45	30
	Invited	≤10	≤10	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2018	2019	2020
	Applied	104	135	76
	Invited	≤10	≤10	11

Humanities	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	223	231	217	55	44	34	35	33	45	22	20	23	≤10	≤10	≤10	114	135	102	469	464	422
# of Students Invited	≤10	≤10	≤10	45	52	55	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	36	37	30	110	102	106
% Applied of TOTAL Applied	--	--	--	47.5%	49.8%	51.4%	11.7%	9.5%	8.1%	7.5%	7.1%	10.7%	4.7%	4.3%	5.5%	--	--	--	24.3%	29.1%	24.2%			
% Invited of TOTAL Invited	--	--	--	40.9%	51.0%	51.9%	--	--	--	--	-3.9%	--	--	--	--	--	--	--	32.7%	36.3%	28.3%			
% TOTAL Invited of TOTAL Applied																						23.5%	22.0%	25.1%

Private School Applicants	Year	2018	2019	2020
	Applied	20	35	17
	Invited	≤10	≤10	≤10

FARMS	Year	2018	2019	2020
	Applied	98	106	72
	Invited	≤10	≤10	≤10

Science, Mathematics, Computer Science	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2017	2018	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	287	289	280	79	51	42	41	37	51	23	24	27	≤10	≤10	≤10	109	137	106	560	539	508
# of Students Invited	≤10	≤10	≤10	62	58	56	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	10	≤10	≤10	≤10	14	19	12	100	85	84
% Applied of TOTAL Applied	--	--	--	51.3%	53.6%	55.1%	14.0%	9.5%	8.3%	7.3%	6.9%	10.0%	4.1%	4.5%	5.3%	--	--	--	19.5%	25.4%	20.9%			
% Invited of TOTAL Invited	--	--	--	62.0%	68.2%	66.7%	--	--	--	--	--	--	--	--	11.9%	--	--	--	14.0%	22.4%	14.3%			
% TOTAL Invited of TOTAL Applied																						17.9%	15.8%	16.5%

Private School Applicants	Year	2018	2019	2020
	Applied	21	41	24
	Invited	≤10	--	--

FARMS	Year	2018	2019	2020
	Applied	146	111	97
	Invited	≤10	≤10	≤10

\*Race is unknown for private school students, and therefore not included in total.

# WHEATON HIGH SCHOOL

## Project Lead the Way Biomedical Sciences, Project Lead the Way Engineering 2020

Project Lead the Way Biomedical Sciences	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific Islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	84	46	43	15	≤10	70	254
# of Students Invited	≤10	31	≤10	≤10	≤10	≤10	17	65
% Applied of TOTAL Applied	--	33.1%	18.1%	16.9%	5.9%	--	27.6%	
% Invited of TOTAL Invited	--	47.7%	16.4%	10.9%	10.9%	--	26.2%	
% of Ethnic Group Invited	--	36.9%	16.1%	14.3%	40.0%	--	24.3%	
% TOTAL Invited of TOTAL Applied								25.6%
Private School Applicants	Year	2020		Student Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2020		
	Applied	≤10			Applied	92		
	Invited	≤10			Invited	11		

Project Lead the Way Engineering	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific Islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	72	55	38	15	≤10	45	220
# of Students Invited	≤10	23	11	≤10	≤10	≤10	13	55
% Applied of TOTAL Applied	--	32.7%	25.0%	18.1%	6.8%	--	20.5%	
% Invited of TOTAL Invited	--	41.8%	7.7%	--	12.3%	--	23.6%	
% of Ethnic Group Invited	--	31.9%	11.6%	--	53.3%	--	28.9%	
% TOTAL Invited of TOTAL Applied								25.0%
Private School Applicants	Year	2020		Student Receiving FARMS Services	Year	2020		
	Applied	≤10			Applied	85		
	Invited	≤10			Invited	12		

Race is unknown for private school students, and therefore not included in total.

# JOHN F. KENNEDY, SPRINGBROOK AND WATKINS MILL HIGH SCHOOLS

## Regional International Baccalaureate 2020

	A	B	C	D	E	F	G	H	I
1	Springbrook High School	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pasific Islander	White	Total
2		2020	2020	2020	2020	2020	2020	2020	2020
3	# of Students Applied	≤10	42	29	28	≤10	≤10	36	144
4	# of Students Invited	≤10	37	16	15	≤10	≤10	25	105
5	% Applied of TOTAL Applied	--	29.6%	20.4%	19.7%	--	--	25.4%	
6	% Invited of TOTAL Invited	--	39.8%	17.2%	16.1%	--	--	26.9%	
7	% TOTAL Invited of TOTAL Applied								68.9%
8		Private School Applicants	Year	2020		Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2020	
9	Applied		13		Applied		35		
10	Invited		≤10		Invited		17		
11									
12	Kennedy High School	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pasific Islander	White	Total
13		2020	2020	2020	2020	2020	2020	2020	2020
14	# of Students Applied	≤10	87	39	19	19	≤10	89	253
15	# of Students Invited	≤10	60	16	≤10	11	≤10	60	151
16	% Applied of TOTAL Applied	--	30.4%	14.2%	10.3%	7.5%	--	37.5%	
17	% Invited of TOTAL Invited	--	41.4%	11.0%	6.2%	7.3%	--	41.4%	
18	% TOTAL Invited of TOTAL Applied								58.1%
19		Private School Applicants	Year	2020		Students Receiving FARMS Services	Year	2020	
20	Applied		≤10		Applied		34		
21	Invited		≤10		Invited		15		
22									
23	Watkins Mill High School	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pasific Islander	White	Total
24		2020	2020	2020	2020	2020	2020	2020	2020
25	# of Students Applied	≤10	283	55	25	21	≤10	81	478
26	# of Students Invited	≤10	88	≤10	≤10	≤10	≤10	22	131
27	% Applied of TOTAL Applied	0.2%	58.9%	10.3%	8.6%	4.5%	--	17.6%	
28	% Invited of TOTAL Invited	0.8%	70.4%	6.4%	4.8%	6.1%	--	17.6%	
29	% TOTAL Invited of TOTAL Applied								24.1%
30		Private School Applicants	Year	2020		Students Receiving FARMS Services	Year	2020	
31	Applied		≤10		Applied		80		
32	Invited		≤10		Invited		14		

\*Race is unknown for private school students, and therefore not included in total.



# NORTHWOOD HIGH SCHOOL - NORTHWEST HIGH SCHOOL

Middle College at Montgomery College

2019–2020

Northwood High School	America Indian or Alaskan Native		Asian		Black or African American		Hispanic/Latino		Two or More Races		Native Hawaiian or Other Pasific Islander		White		Total	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
# of Students Applied	≤10	≤10	40	72	140	102	94	71	18	17	≤10	≤10	68	104	360	404
# of Students Invited	≤10	≤10	11	26	52	52	58	37	≤10	12	≤10	≤10	33	47	164	190
% Applied of TOTAL Applied	--	--	11.1%	20.6%	38.9%	29.1%	26.1%	20.3%	5.0%	4.2%	--	--	18.9%	29.7%		
% Invited of TOTAL Invited	--	--	6.7%	16.0%	31.7%	31.9%	35.4%	22.7%	--	6.3%	--	--	20.1%	28.8%		
% TOTAL Invited of TOTAL Applied															45.6%	47.0%
Private School Applicants	Year		2019	2020							Year		2019	2020		
	Applied		≤10	18							Applied		194	149		
	Invited		≤10	12							Invited		91	77		

Northwest High School	American Indian or Alaskan		Asian		Black or African American		Hispanic/Latino		Two or More Races		Native Hawaiian or Other Pasific Islander		White		Total	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
# of Students Applied	≤10	≤10	130	168	138	77	101	48	21	14	≤10	≤10	74	68	464	395
# of Students Invited	≤10	≤10	62	104	40	50	32	23	≤10	11	≤10	≤10	36	40	170	238
% Applied of TOTAL Applied	--	--	28.0%	46.4%	29.7%	21.3%	21.8%	13.3%	4.5%	3.5%	--	--	15.9%	18.8%		
% Invited of TOTAL Invited	--	--	34.8%	47.7%	22.5%	22.9%	18.0%	10.6%	--	4.6%	--	--	20.2%	18.3%		
% TOTAL Invited of TOTAL Applied															21.8%	60.3%
Private School Applicants	Year		2019	2020							Year		2019	2020		
	Applied		≤10	15							Applied		193	118		
	Invited		≤10	≤10							Invited		55	67		

Race is unknown for private school students and therefore not included

\*Race is unknown for private school students, and therefore not included in total.

**GAITHERSBURG HIGH SCHOOL**  
 Project Lead the Way, Biomedical Sciences  
 2019–2020

Project Lead the Way, Biomedical Sciences	American Indian or Alaskan Native		Asian		Black or African American		Hispanic/Latino		Two or More Races		Native Hawaiian or Other Pacific Islander		White		Total	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
# of Students Applied	≤10	≤10	34	76	28	26	13	36	≤10	≤10	≤10	≤10	24	30	101	184
# of Students Invited	≤10	≤10	34	76	28	26	13	36	≤10	≤10	≤10	≤10	24	30	101	184
% Applied of TOTAL Applied	--	--	33.7%	44.7%	27.7%	15.3%	12.9%	21.2%	2.0%	--	--	--	23.8%	17.5%		
% Invited of TOTAL Invited	--	--	33.7%	41.3%	27.7%	15.3%	12.9%	21.2%	2.2%	--	--	--	23.8%	16.3%		
% TOTAL Invited of TOTAL Applied															100.0%	100.0%

	Year	Applied	Invited
Private School applicants	2019	≤10	≤10
	2020	≤10	≤10

Students Receiving Free and Reduced- price Meals System (FARMS) Services	Year	Applied	Invited
	2019	32	32
	2020	56	56

Race is unknown for private school students and therefore not included in total

# CLARKSBURG HIGH SCHOOL

## Pathways in Network and Information Technology

### 2018–2020

Pathways in Network and Information Technology	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	58	89	142	58	32	49	33	23	13	10	10	15	≤10	≤10	≤10	21	24	34	180	168	267
# of Students Invited	≤10	≤10	≤10	19	32	26	21	12	18	13	15	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	64	64	64
% Applied of TOTAL Applied	--	--	--	32.2%	52.0%	59.7%	32.2%	18.7%	20.6%	18.3%	13.5%	5.5%	5.6%	1.8%	5.8%	--	--	--	11.7%	14.0%	14.3%			
% Invited of TOTAL Invited	--	--	--	29.7%	50.0%	44.8%	32.8%	18.8%	31.0%	20.3%	23.4%	--	--	--	--	--	--	--	12.5%	7.8%	13.8%			
% TOTAL Invited of TOTAL Applied																					35.6%	38.1%	24.0%	

Private School Applicants	Year	2018	2019	2020
	Applied	≤10	≤10	≤10
	Invited	≤10	≤10	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2018	2019	2020
	Applied	64	64	58
	Invited	26	33	42

\*Race is unknown for private school students, and therefore not included in total.

# COL. ZADOK MAGRUDER HIGH SCHOOL

## Aviation Aerospace

2018–2020

Aviation Aerospace	American Indian or Alaskan Native			Asian			Black or African American			Hispanic/Latino			Two or More Races			Native Hawaiian or Other Pacific Islander			White			Total		
	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020	2018	2019	2020
# of Students Applied	≤10	≤10	≤10	26	17	16	26	11	15	22	12	13	≤10	≤10	≤10	≤10	≤10	≤10	37	30	25	111	70	76
# of Students Invited	≤10	≤10	≤10	16	17	16	15	≤10	15	≤10	≤10	13	≤10	≤10	≤10	≤10	≤10	≤10	21	24	25	52	51	76
% Applied of TOTAL Applied	--	--	--	21.8%	18.0%	22.9%	21.8%	14.9%	21.4%	18.5%	16.2%	18.6%	--	--	--	--	--	--	31.1%	40.5%	35.7%			
% Invited of TOTAL Invited	--	--	--	25.0%	27.9%	22.9%	23.4%	16.4%	21.4%	--	--	18.6%	--	--	--	--	--	--	32.8%	39.3%	35.7%			
% TOTAL Invited of TOTAL Applied																					46.8%	72.9%	100.0%	

Private School Applicants	Year	2018	2019	2020
	Applied	≤10	≤10	≤10
	Invited	≤10	≤10	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2018	2019	2020
	Applied	52	17	20
	Invited	25	≤10	11

Race is unknown for private school students and not included in total

\*Race is unknown for private school students, and therefore not included in total.

**SENECA VALLEY HIGH SCHOOL - WHEATON / THOMAS EDISON**  
 Healthcare Professions, Hospitality Tourism, Information Technology Cyber Security,  
 Construction, and Architecture, Project Lead the Way Engineering  
 2020

Seneca Valley High School	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific Islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	238	139	110	33	≤10	143	688
# of Students Invited	≤10	60	50	38	14	≤10	40	208
% Applied of TOTAL Applied	--	37.6%	22.0%	17.4%	4.8%	--	22.6%	
% Invited of TOTAL Invited	--	31.7%	26.5%	20.1%	6.7%	--	21.2%	
% TOTAL Invited of TOTAL Applied								31.4%

Private School Applicants	Year	2020
	Applied	21
	Invited	≤10

Race is unknown for private school students and not included in total

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2020
	Applied	224
	Invited	78

# ROCKVILLE HIGH SCHOOL

Project Lead the Way Biomedical Sciences, Project Lead the Way Engineering,  
Hospitality Management, Code.org Computer Science  
2020

PLTW Biomedical Sciences, PLTW Engineering, Hospitality Management, Code.org Computer Science	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	84	113	64	20	≤10	71	377
# of Students Invited	≤10	20	26	18	≤10	≤10	20	89
% Applied of TOTAL Applied	--	25.2%	33.9%	19.2%	5.3%	--	21.3%	
% Invited of TOTAL Invited	--	23.8%	31.0%	21.4%	--	--	23.8%	
% TOTAL Invited of TOTAL Applied								23.6%

Private School Applicants	Year	2020
	Applied	19
	Invited	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2020
	Applied	154
	Invited	32

Race is unknown for private school students and not included in total

# JOHN F. KENNEDY HIGH SCHOOL

## Leadership Training Institute

### 2020

Leadership Training Institute	American Indian or Alaskan Native	Asian	Black or African American	Hispanic/Latino	Two or More Races	Native Hawaiian or Other Pacific Islander	White	Total
	2020	2020	2020	2020	2020	2020	2020	2020
# of Students Applied	≤10	18	15	11	≤10	≤10	26	72
# of Students Invited	≤10	17	13	≤10	≤10	≤10	24	65
% Applied of TOTAL Applied	--	25.0%	20.8%	15.3%	--	--	36.1%	
% Invited of TOTAL Invited	--	27.0%	20.6%	--	--	--	38.1%	
% TOTAL Invited of TOTAL Applied								90.3%

Private School Applicants	Year	2020
	Applied	≤10
	Invited	≤10

Students Receiving Free and Reduced-price Meals System (FARMS) Services	Year	2020
	Applied	19
	Invited	15

Race is unknown for private school students and not included in total

\*Race is unknown for private school students, and therefore not included in total.